

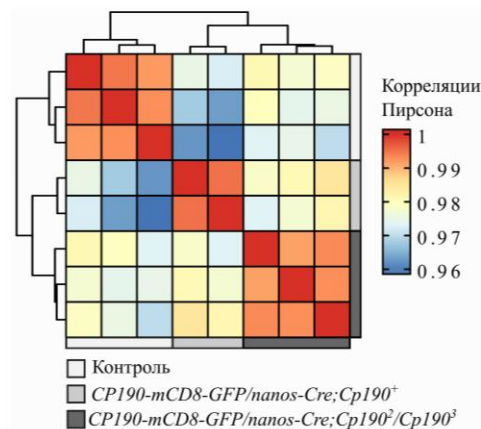


Рисунок S1. Тепловая карта с попарными корреляциями Пирсона между образцами RNA-seq. Корреляции были посчитаны по числу прочтений для каждого гена в образцах. Дендрограмма сходства была получена с помощью иерархической кластеризации.

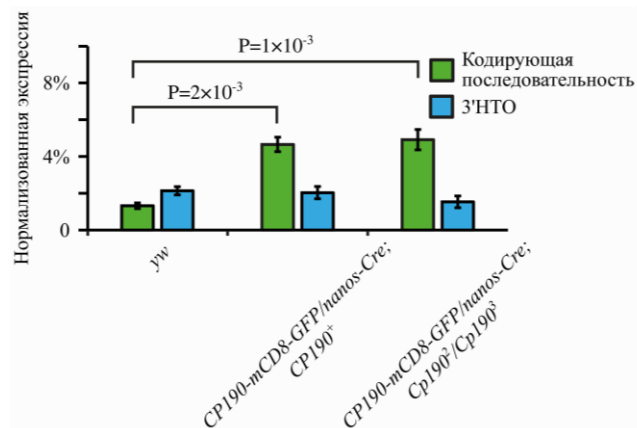


Рисунок S2. Нормализованная экспрессия фрагментов *Cp190* в семенниках трехнедельных имаго с конструкциями *CP190-mCD8-GFP* и *nanos-Cre*. Экспрессию нормализовали на значение для гена домашнего хозяйства *Actin42A*. Значение P-value получено с помощью теста Стьюдента с двусторонним распределением. Условные обозначения расшифрованы на рис. 2в.

	Последовательность
Actin42A	5'-CACGTTTGCTCTGTGCCTCAT-3'
	5'-CCGCGTGCAGTTTTTCCTT-3'
CP190_CDS	5'-ACGCAAAGAGCTGCTAGATG-3'
	5'-CCTCGTCCGTTACTGACCTA-3'
CP190_3UTR	5'-CCTCCCATCCCAAGTATGTT-3'
	5'-TGTGAAGAAACGGACACTCA-3'
Res+	5'- GGATGAGAATGGGGTTAGTGC-3'
	5'- GTAGATGGATCGATGGCAAACA-3'

Таблица S1. Список использованных праймеров

Мишень
Кодирующая последовательность гена <i>Actin42A</i>
Четвертый экзон гена <i>Cr190</i>
3'-НТО область <i>Cr190</i> в пятом экзоне
Промежуточная область между кодирующей последовательностью <i>Cr190</i> и терминатором <i>HIS3</i> в спасающей кассете <i>CP190-mCD8-GFP</i>

В.

Таблица S2. Результат анализа дифференциальной экспрессии при помощи инструмента DESeq2. ,

row	baseMean	log2FoldCh	lfcSE	pvalue	padj
CG13675	356.4708	11.31554	1.155488	2.78E-21	3.11E-18
CG3526	90.00411	9.129199	1.173392	8.32E-14	4.24E-11
lncRNA:CR45408	61.49976	8.856544	1.18541	7.78E-13	3.38E-10
CG8960	60.77845	8.845385	1.182274	7.43E-13	2.75E-10
CG12498	287.2787	8.778357	1.013675	4.30E-16	2.96E-13
lncRNA:CR46039	52.48239	8.540212	1.195915	7.92E-12	2.30E-09
CG3397	42.19848	8.321288	1.19249	2.60E-11	8.16E-09
CG44335	31.06409	7.599011	1.223632	3.13E-09	6.26E-07
lncRNA:CR40465	36.72198	7.516358	1.203773	2.95E-09	5.84E-07
CG17477	19.23219	7.177152	1.249807	3.95E-08	6.34E-06
lncRNA:CR44535	47.96442	6.893371	1.04712	1.28E-09	2.13E-07
CG11892	100.7236	6.724507	0.623285	4.11E-21	3.11E-18
lncRNA:CR45887	14.94822	6.716448	1.300001	5.33E-07	5.13E-05
lncRNA:CR43846	13.11485	6.595222	1.3056	8.58E-07	0.000101
mthl8	12.57759	6.531439	1.313344	1.15E-06	0.000158
lncRNA:CR44360	14.54195	6.43904	1.311715	1.50E-06	0.00013
lncRNA:CR44333	11.58691	6.39574	1.334804	2.16E-06	0.000269
lncRNA:CR43652	15.80158	6.28736	1.380386	4.32E-06	0.000491
lncRNA:CR44537	30.47568	6.179349	1.090677	1.47E-07	2.55E-05
CG34025	35.11175	6.124378	1.073062	1.32E-07	1.94E-05
Sox21b	46.05819	6.095582	0.781461	7.65E-12	2.57E-09
CG9825	28.60018	6.081344	1.105807	2.95E-07	4.79E-05
CG3588	11.31791	5.921038	1.387658	1.05E-05	0.000925
CG31199	39.65439	5.863552	0.788946	7.77E-11	1.94E-08
lncRNA:CR45448	8.305797	5.741572	1.533559	3.00E-05	0.00178
fiz	42.32992	5.649529	0.794939	5.31E-10	1.25E-07
lncRNA:CR44411	18.95242	5.475552	1.184958	6.35E-06	0.0007
CG16727	25.35921	5.328837	1.155996	7.13E-06	0.000769
lncRNA:CR44527	7.032233	5.293053	1.748601	0.000104	0.007065
neo	80.66118	5.208396	0.451309	1.57E-21	1.66E-18
CG13643	16.22467	5.176348	1.259169	2.28E-05	0.001831
CG31265	6.551223	5.109864	1.817129	0.000149	0.046449
lncRNA:CR45652	32.50956	5.018315	0.713127	1.72E-09	3.82E-07
CG34284	6.988253	4.827811	1.876947	0.000231	0.017133
Cf2	2383.107	4.822301	0.111489	2.04E-258	3.66E-254
Muc4B	106.0827	4.704503	0.453464	3.66E-17	1.43E-14
CG12780	12.81378	4.678445	1.405156	0.000109	0.008837
lncRNA:CR46353	10.54759	4.460944	1.789952	0.000327	0.01979
CG16826	9.262466	4.411366	2.208201	0.000492	0.028877
lncRNA:CR43991	12.59638	4.26241	1.54704	0.000293	0.017786
CG6870	25.58737	4.205254	0.699206	2.46E-07	2.56E-05
PK2-R1	22.29835	4.157943	0.809378	3.78E-06	0.000359
CG11626	32.91059	4.101316	0.622885	3.69E-08	7.28E-06
CG1909	19.8258	4.034339	0.857122	1.25E-05	0.001287
CG32037	14.85715	3.964851	1.056084	9.23E-05	0.007684
lncRNA:CR43684	1346.708	3.797984	0.248181	1.37E-30	2.25E-27

lncRNA:CR44678	16.05797	3.793318	1.096537	0.000169	0.012966
CG32301	187.1356	3.75615	0.246887	4.60E-30	9.72E-27
twz	115.5584	3.653661	0.321019	8.75E-18	5.88E-15
lncRNA:CR45981	170.9566	3.637311	0.234834	1.98E-30	4.88E-27
lncRNA:CR43475	163.2319	3.563179	0.245478	1.02E-26	1.83E-23
ninaB	14.15747	3.414238	0.972008	0.000222	0.013589
Cpr66Cb	30.61108	3.374304	0.634486	5.42E-06	0.000607
lncRNA:CR46010	43.92839	3.341639	0.461538	1.49E-08	3.07E-06
CG8100	10.89524	3.304818	1.263168	0.000777	0.04199
lncRNA:CR43097	19.43909	3.302538	0.808569	9.55E-05	0.006595
lncRNA:CR45579	39.37663	3.222187	0.487845	1.76E-07	2.55E-05
CG43134	36.64652	3.187506	0.55836	2.69E-06	0.000211
CG44259	40.49821	3.050938	0.455784	2.18E-07	3.00E-05
CG11318	19.61193	3.033525	0.713534	0.000104	0.008504
CG15570	22.98389	3.033128	0.708909	9.85E-05	0.00676
CG8837	36.19596	3.01146	0.693298	9.03E-05	0.007585
CG44355	65.23208	2.987603	0.377547	4.79E-09	9.43E-07
lncRNA:CR44495	14.94804	2.937022	0.944093	0.000699	0.038119
CG18539	33.79645	2.830383	0.530759	1.66E-05	0.001054
Dscam4	107.4306	2.807506	0.259667	1.21E-13	4.77E-11
e	453.7701	2.773619	0.176811	4.18E-25	5.54E-22
Obp83cd	36.11364	2.7659	0.487783	9.12E-06	0.000785
CG14397	21.1245	2.756713	0.830927	0.000725	0.030778
lncRNA:CR43705	18.45845	2.64677	0.73353	0.000617	0.035179
Nlg4	53.14533	2.624328	0.402606	1.91E-06	0.000158
Blm	389.1794	2.614327	0.362474	3.02E-07	4.85E-05
Ir41a	30.23238	2.567574	0.591518	0.000251	0.011898
lncRNA:CR44617	41.92558	2.540621	0.503402	7.71E-05	0.005404
Cyp310a1	180.9089	2.509896	0.215821	1.06E-13	4.92E-11
CG7367	22.15402	2.506871	0.644267	0.000585	0.033705
CG32232	401.1338	2.485256	0.169531	8.08E-20	6.93E-17
lncRNA:CR45224	44.95451	2.481146	0.428999	2.16E-05	0.001726
CG4456	83.555	2.4783	0.288404	1.22E-08	2.58E-06
cv-d	301.5374	2.465129	0.167859	1.10E-19	1.04E-16
CG6154	38.87784	2.465097	0.449819	4.40E-05	0.003376
CG10752	506.0777	2.463517	0.152277	3.08E-23	3.74E-20
CG14445	26.64654	2.455254	0.607397	0.000547	0.037551
CG2993	52.07949	2.434256	0.369681	4.44E-06	0.000501
lncRNA:CR45248	38.22053	2.390968	0.454283	9.27E-05	0.005032
lncRNA:CR45410	69.22107	2.356346	0.317175	9.16E-07	0.00013
CG42272	277.2259	2.324264	0.163468	2.86E-17	1.76E-14
CG15544	55.09367	2.263361	0.370583	3.51E-05	0.002058
lncRNA:CR45055	41.60505	2.22298	0.43418	0.000258	0.012157
lncRNA:CR43893	69.64568	2.201805	0.325195	1.36E-05	0.00138
lncRNA:CR43130	91.51142	2.169059	0.275141	1.48E-06	0.00013
HP1e	67.39873	2.165824	0.37596	0.000121	0.009638
stj	153.4367	2.109264	0.238744	2.70E-07	4.44E-05
Ugt303B2	51.54298	2.05808	0.393064	0.000511	0.029705
CG30323	77.26971	2.053032	0.292524	2.72E-05	0.002153
asRNA:CR43160	340.7465	2.015636	0.15156	2.19E-12	1.01E-09

CG31960	549.4228	2.00607	0.155494	1.06E-11	4.13E-09
Prosalpha3T	290.7632	2.003081	0.204764	1.01E-07	1.89E-05
lncRNA:CR46017	96.73653	1.979604	0.295394	8.93E-05	6.38E-03
CG11698	227.9847	1.978477	0.182851	9.91E-09	2.22E-06
CG43755	2623.806	1.968909	0.220727	1.27E-06	0.00017
lncRNA:CR45821	182.6509	1.909429	0.198959	6.36E-07	9.27E-05
CG14659	119.1848	1.908567	0.242364	2.19E-05	0.00178
CG11694	374.1758	1.905135	0.165661	6.42E-09	1.77E-06
lncRNA:CR43608	118.7891	1.894848	0.243823	3.06E-05	0.002884
CG6830	232.1282	1.862438	0.205342	3.84E-06	0.000444
CG31677	97.88119	1.859616	0.315707	0.000751	0.049084
lncRNA:CR46108	190.6761	1.840761	0.187416	1.13E-06	1.57E-04
CG14839	356.3884	1.790774	0.150558	2.74E-08	4.58E-06
CG30161	364.0727	1.79034	0.182837	2.68E-06	0.000322
CG18731	347.2325	1.777631	0.163938	3.86E-07	6.01E-05
PpD5	560.8832	1.77633	0.142947	1.07E-08	2.32E-06
PIG-Wb	152.8067	1.773923	0.216559	5.93E-05	0.005204
CG31406	1073.879	1.770082	0.126615	2.33E-10	8.20E-08
lncRNA:CR44048	142.7862	1.754647	0.212052	6.57E-05	0.00676
CG34238	178.8013	1.750122	0.201819	3.66E-05	0.003376
Cap-G	754.0298	1.745693	0.136102	8.76E-09	2.32E-06
CG31467	517.0682	1.711684	0.131215	1.29E-08	2.69E-06
CG12078	514.5153	1.707407	0.139078	8.04E-08	1.85E-05
lncRNA:CR46043	187.986	1.704165	0.192545	5.13E-05	5.40E-03
CG7183	596.5156	1.688647	0.119473	1.93E-09	4.94E-07
CG32681	269.67	1.684483	0.181942	3.59E-05	0.003965
CG10344	393.1143	1.682732	0.159757	4.29E-06	0.000491
CG8260	198.1372	1.682425	0.198897	0.000124	0.009696
CG43058	241.038	1.670439	0.178018	3.65E-05	0.002853
CG44271	278.4819	1.657418	0.175752	4.15E-05	0.004529
CG33489	1217.442	1.631841	0.0993	5.33E-11	1.64E-08
CG11322	452.9382	1.607479	0.134014	1.55E-06	0.000205
CG31068	873.2941	1.601951	0.120652	1.67E-07	2.76E-05
lncRNA:CR44852	204.9329	1.601541	0.18251	0.000239	0.01739
CG2053	770.1654	1.584668	0.131509	2.43E-06	0.000297
Arts	377.0339	1.582263	0.154891	4.54E-05	0.004061
CG12147	970.774	1.575034	0.126436	1.54E-06	0.000236
CG32085	382.7671	1.564849	0.149054	4.18E-05	0.003839
CG14383	460.2948	1.548527	0.148368	6.20E-05	0.005404
Ude	682.5952	1.547844	0.107498	1.06E-07	1.94E-05
CG32846	696.686	1.525622	0.115755	1.76E-06	0.000226
lobo	1175.661	1.524237	0.113775	1.28E-06	0.000149
CG14841	322.3346	1.520146	0.168185	0.000562	0.045162
CG6184	692.9143	1.519004	0.122293	6.87E-06	0.000747
CG11634	501.6481	1.5166	0.137242	5.10E-05	0.005404
lncRNA:CR32835	1283.867	1.516	0.107675	5.32E-07	6.72E-05
Prosbeta5R2	736.1767	1.498503	0.141215	0.000129	0.008702
CG4891	568.1055	1.488872	0.152563	0.000416	0.034949
CG14151	408.6112	1.481202	0.140487	0.000196	0.012449
CG5509	502.7552	1.475092	0.133902	0.000127	0.009856

knon	4109.1	1.460952	0.094916	4.27E-07	7.80E-05
fzo	1898.372	1.460433	0.100134	1.51E-06	0.000169
CG30271	976.2494	1.431603	0.126259	0.000222	0.016545
CG15109	6386.654	1.422868	0.094066	2.62E-06	0.000269
CG15145	752.869	1.356798	0.113121	0.000646	0.042611
CG14316	1115.617	1.347882	0.108745	0.000566	0.04523
CG31805	1246.701	1.338001	0.107714	0.00071	0.039561
CG31802	2380.353	1.299664	0.092645	0.000554	0.037738
CG5399	579.5254	-1.54168	0.122638	3.03E-06	0.000303
CG9331	178.2725	-1.57164	0.189966	0.000655	0.042954
Spn88Ea	202.472	-1.59404	0.17419	0.000163	0.010575
betaNACtes3	187.4696	-1.62023	0.202757	0.0005	0.029222
CG7213	139.5197	-1.70847	0.212976	0.000168	0.015333
Cyp305a1	679.3616	-1.73615	0.134801	9.91E-09	2.57E-06
MetRS-m	345.3018	-1.749	0.147761	8.00E-08	1.54E-05
Pcd	295.8934	-1.75458	0.17487	3.02E-06	0.000426
Sodh-1	164.3065	-1.76256	0.231475	0.000164	0.015093
Tps1	887.5505	-1.76658	0.134081	2.13E-09	5.25E-07
teq	117.0848	-1.76672	0.243633	0.000265	0.016
CG15882	126.3043	-1.76743	0.236615	0.000193	0.009388
CG33664	152.0848	-1.82357	0.205793	9.80E-06	0.001035
CG14395	127.3993	-1.83035	0.248069	0.000116	0.007909
Past1	2437.484	-1.84478	0.105397	1.86E-16	9.07E-14
CG9485	115.9673	-1.90095	0.28155	0.00016	0.012378
Ect3	71.62973	-1.97355	0.355837	0.000549	0.037551
GlyP	503.6216	-1.97584	0.133874	3.70E-14	1.67E-11
lncRNA:CR43387	51.60178	-1.97626	0.340377	0.000374	0.0218
GlyS	162.5107	-2.00954	0.219998	4.54E-07	5.89E-05
Cyt-b5-r	185.0649	-2.03149	0.273503	1.48E-05	0.001265
GstD5	286.3534	-2.0657	0.163594	6.78E-12	2.33E-09
TwdIP	192.0916	-2.11671	0.231975	1.17E-07	2.11E-05
CG9928	39.92636	-2.13949	0.432712	0.000504	0.028877
Mec2	78.86174	-2.15218	0.276618	2.21E-06	0.000226
CG10799	41.30416	-2.15274	0.418948	0.000355	0.02137
Acbp2	198.517	-2.19656	0.216534	2.19E-09	4.78E-07
CG31300	104.3104	-2.20064	0.284031	1.52E-06	0.000202
lncRNA:CR45959	143.026	-2.22401	0.231106	7.42E-09	1.69E-06
CG3699	84.19524	-2.24253	0.331905	1.04E-05	0.001087
CG6503	121.8047	-2.24486	0.331385	9.88E-06	0.000666
CG17141	158.4187	-2.27355	0.21645	2.29E-10	6.78E-08
Lsd-1	95.23666	-2.29609	0.31358	1.90E-06	0.000205
CG10680	85.42934	-2.35322	0.292951	1.88E-07	2.57E-05
CG11893	27.44589	-2.48595	0.519743	0.000153	0.007684
CG2233	638.4882	-2.54155	0.351806	4.47E-07	6.72E-05
lncRNA:CR43849	117.946	-2.74954	0.26299	1.03E-12	3.58E-10
Nplp2	503.5284	-2.79618	0.329241	1.66E-09	5.14E-07
IM33	61.21077	-2.82222	0.353408	8.45E-09	1.59E-06
DIP-delta	154.116	-2.85671	0.279259	1.05E-12	5.25E-10
CG16756	16.63728	-2.87413	0.788356	0.000377	0.027041
Traf-like	38.51241	-2.95429	0.505161	3.27E-06	0.000383

Obp99c	142.9342	-2.95695	0.778471	0.000259	0.022625
CG17108	104.0988	-2.97784	0.350695	5.94E-10	1.33E-07
lncRNA:CR46028	108.8355	-2.98607	0.303713	2.28E-12	7.51E-10
CG13607	23.22785	-3.0068	0.764845	0.000192	0.009388
CG10185	121.5649	-3.23081	0.318722	1.11E-13	4.52E-11
CG15765	33.07924	-3.24058	0.608495	6.65E-06	0.000728
DrsI5	32.15378	-3.24141	0.534185	8.68E-07	7.85E-05
CG16926	293.8191	-3.24617	0.202852	8.55E-30	1.40E-26
Vajk4	41.7974	-3.24785	0.464057	4.51E-08	8.78E-06
CG7694	681.0844	-3.34428	0.135115	1.14E-68	6.78E-65
CG33926	67.23356	-3.53745	0.394943	6.74E-12	2.33E-09
CG4872	23.93289	-3.65173	0.698933	4.79E-06	0.000346
lncRNA:CR45658	25.86064	-3.67888	0.823214	2.91E-05	0.002775
CG15293	110.2083	-3.6841	0.313834	7.91E-19	4.70E-16
GstD3	353.8906	-3.76993	0.1796	9.15E-55	3.38E-51
Spn88Eb	104.8236	-4.14327	0.358858	1.80E-19	8.95E-17
lncRNA:CR46022	56.69875	-4.24402	0.49822	6.15E-12	2.27E-09
Npc2d	16.38959	-4.26413	0.968644	2.15E-05	0.001726
TwdIT	131.7116	-4.39324	0.303294	5.30E-30	9.80E-27
lncRNA:CR43372	28.19054	-4.48981	1.027901	2.02E-05	0.001631
CG8012	60.49108	-4.51861	0.491219	8.03E-14	4.24E-11
Npc2g	78.83434	-4.54058	0.418242	2.86E-18	1.62E-15
CG4210	16.03466	-4.96477	1.319059	4.76E-05	0.003635
Obp99b	44.86941	-4.96642	0.598276	3.81E-12	8.98E-10
Sox21a	124.1033	-5.21504	0.442418	2.30E-22	2.61E-19
lncRNA:CR44547	20.08819	-5.61172	1.35061	1.61E-05	0.001316
CG17177	915.7378	-5.83615	0.203033	3.27E-126	2.00E-122
CG6912	22.84329	-6.08767	1.275435	2.86E-06	0.000291
CG5225	19.98625	-6.86618	1.242118	1.27E-07	2.27E-05
lncRNA:CR43453	79.17747	-8.39751	1.175183	9.31E-12	3.06E-09
CG4956	226.0112	1.518952	0.170727	0.000668	0.052746
CG12017	25.62678	2.554516	0.719511	0.000815	0.05284
Lst	92.52167	-1.78933	0.295122	0.001021	0.054458
lncRNA:CR44491	31.21502	2.107846	0.496457	0.001413	0.055049
CG5961	50.67114	-1.92902	0.356273	0.000862	0.055137
lncRNA:CR44940	17.57804	2.419918	0.739436	0.001531	0.058513
CG33278	732.9373	1.376865	0.124245	0.000923	0.058513
CG32137	1148.659	1.287786	0.091372	0.000759	0.058513
Cpr65Ec	9.534434	3.618285	1.748105	0.00093	0.058513
lncRNA:CR45524	13.02759	2.662429	0.985638	0.001653	0.062753
CG5043	2743.351	1.283606	0.092779	0.001044	0.065081
tio	433.475	1.437126	0.146554	0.000955	0.07188
ppk19	32.33031	2.038296	0.455429	0.001474	0.07297
tHMG1	3039.079	1.298572	0.101261	0.001432	0.07297
CG9988	21.01087	2.498406	0.800537	0.001499	0.073618
MED17	250.5351	-1.46208	0.160123	0.001222	0.073618
CG43077	1352.211	1.305977	0.10442	0.001492	0.074973
CG4744	1875.584	1.325541	0.109534	0.001253	0.07587
sisA	10.99163	-3.02496	1.274727	0.001336	0.080602
CG46281	254.3317	1.511747	0.181976	0.001364	0.08198

CG33259	11.1472	-3.03046	1.491585	0.00172	0.082742
Oat	66.81557	1.872	0.352994	0.001402	0.083551
CG42449	5.974909	4.649834	1.95771	0.000313	0.08827
CG1468	35.89035	-2.04248	0.460389	0.001511	0.089308
CG2006	68.10686	-1.81109	0.324661	0.001526	0.089866
Eglp4	52.2326	-1.87187	0.399095	0.002673	0.09504
CG17329	658.3889	1.346542	0.121339	0.00172	0.10046
TotA	80.8914	-1.8832	0.389692	0.002184	0.102172
lncRNA:CR45678	6.768886	-4.46889	1.941092	0.000382	0.104477
PGRP-SB1	15.10584	-2.6625	1.024369	0.001808	0.104477
CG11726	733.9291	1.358056	0.129401	0.002192	0.104477
kirre	52.26032	1.836849	0.365531	0.002334	0.107498
lncRNA:CR46218	27.16401	-2.15059	0.562255	0.001889	1.08E-01
CG42326	10.30648	2.597564	1.382319	0.003197	0.110178
ana1	801.502	1.395754	0.146733	0.002474	0.11572
lncRNA:CR45554	4.245613	3.048535	2.283395	0.002075	0.117081
CG32461	460.4715	1.425982	0.15288	0.001783	0.121426
lncRNA:CR44337	50.37222	1.879278	0.389919	0.00226	0.126074
lncRNA:CR44757	14.81436	2.463832	0.999212	0.002807	0.126074
Hn	138.1277	1.574345	0.224318	0.002378	0.130239
CG43441	75.31417	1.802131	0.345834	0.002386	0.132093
CG42831	232.7589	1.501589	0.191408	0.002409	0.132882
Cyp6g1	97.49416	-2.31016	0.827848	0.003019	0.133381
CG14219	34.08633	1.8746	0.444614	0.004037	0.133961
CG7470	141.0333	-1.59555	0.22949	0.002058	0.136059
CG1648	1016.938	-1.35145	0.132186	0.00305	0.136906
CG34289	188.2822	1.564497	0.216567	0.002154	0.141311
CG5948	9.519903	2.611146	1.422531	0.003197	0.141954
lncRNA:CR46350	5.624028	-3.5773	2.209516	0.001209	0.141954
dysc	13.36552	2.548087	1.095606	0.002678	0.143423
lncRNA:CR43274	9.273058	2.601093	1.529013	0.003398	0.145761
CG13003	12.96563	2.485289	1.023161	0.002773	0.147418
CG17572	49.9355	1.805367	0.407111	0.004735	0.152045
CG3690	140.0868	-1.56519	0.227148	0.002934	0.154887
CG33286	1233.507	1.273923	0.100826	0.003077	0.161827
lncRNA:CR44415	22.34832	2.184968	0.691207	0.0031	0.162472
net	176.7497	1.514018	0.205307	0.003197	0.166983
CG14826	47.78438	1.785515	0.362197	0.003452	0.179631
CG12439	59.32578	1.737295	0.347289	0.00431	0.179722
CG43851	159.9057	1.526142	0.220778	0.004211	0.17976
CG30103	648.4672	1.350647	0.138179	0.004288	0.182408
ppk	7.539802	2.434077	1.828452	0.004312	0.182817
lncRNA:CR44779	41.87927	1.87248	0.432576	0.003708	0.189635
lncRNA:CR43238	34.18584	1.910025	0.464975	0.003762	0.191746
Rab9Fa	21.6704	-2.015	0.617488	0.004796	0.195203
GNBP3	18.14199	-2.15542	0.818525	0.004789	0.195203
CG16704	13.51469	-2.22962	0.944088	0.004691	0.195483
lncRNA:CR43415	148.7683	1.530794	0.213801	0.00324	0.197435
Ir94f	3.723603	2.366828	2.221641	0.004	0.200412
CG43445	7.475945	2.07662	1.770716	0.00663	0.200677

CG42322	16.20641	2.161212	0.841755	0.004898	0.201351
CG14354	505.5358	1.404943	0.157099	0.003391	0.203816
CG16848	544.4128	1.394688	0.152794	0.003419	0.204839
Naa40	140.9899	1.583052	0.25435	0.004519	0.219485
lncRNA:CR43613	3.66302	2.230969	2.189744	0.004574	0.22417
CG11693	15.6597	2.016239	0.850374	0.007556	0.22417
CG34451	6.000648	-2.23616	2.12819	0.004724	0.230446
Gbp3	10.19235	-2.3192	1.231191	0.004842	0.235412
lncRNA:CR45563	46.66799	1.678056	0.36753	0.008484	0.248965
lncRNA:CR43496	5.48083	-2.87778	2.220619	0.002485	0.248965
lncRNA:CR44549	4.400225	2.85427	2.287227	0.0025	0.24956
beat-Vb	28.83072	1.868385	0.518622	0.006506	0.257917
CG8001	2050.647	1.264967	0.114911	0.00972	0.25952
CG14205	18.46268	2.033752	0.689377	0.005513	0.262834
CG6067	40.00888	-1.79044	0.448497	0.007044	0.269172
lncRNA:CR45247	15.96509	2.058965	0.889089	0.006956	0.272192
CG42615	169.433	1.512783	0.21982	0.004923	0.281761
lncRNA:CR44515	36.58022	1.80929	0.476996	0.007366	0.286416
CG5348	472.0178	1.353779	0.147831	0.00625	0.293242
CG11912	6.655388	3.45908	2.140179	0.001357	0.301064
cas	7.49419	-1.85664	1.343536	0.010652	0.301064
CG44954	7.174479	1.910676	1.705639	0.008249	0.308279
Prosalpha4T1	380.5546	1.331946	0.139144	0.006716	0.31115
lncRNA:CR44795	21.91749	1.94553	0.762913	0.008533	0.316893
CG1607	52.57598	1.671264	0.359563	0.008338	0.317146
esg	37.97825	1.89569	0.568984	0.006919	0.317604
flz	41.95807	1.790366	0.449769	0.007101	0.324914
CG31609	358.8336	1.357634	0.158764	0.008804	0.331758
lncRNA:CR44277	10.17103	1.818594	1.142911	0.012372	0.341051
Ada	92.17189	1.589193	0.287734	0.007538	0.341742
ana2	353.3768	1.332173	0.143036	0.00789	0.351529
Pzl	101.7603	1.555288	0.30765	0.013017	0.354955
Tret1-1	245.1954	-1.40514	0.17408	0.006519	0.354955
CG42807	45.92555	2.050054	1.217467	0.007965	0.356716
CG42535	278.635	1.410808	0.186462	0.008666	0.386938
CG13023	25.45492	1.731824	0.592646	0.014898	0.400818
qvr	18.74169	-1.82624	0.652394	0.011198	0.400818
CG14304	40.23295	-1.73853	0.486575	0.011279	0.401296
lncRNA:CR44723	3.82839	2.280331	2.179987	0.004412	0.403707
lncRNA:CR44070	33.53587	1.69615	0.516882	0.015214	0.405675
CG31198	8.480263	1.759016	1.442369	0.011589	0.408657
CG14834	314.6724	1.370842	0.167894	0.009462	0.413743
Dbx	3.466636	1.536466	1.94104	0.009499	0.414155
CG2145	91.63087	-1.52255	0.259322	0.00969	0.421225
CG7191	4.468814	3.068663	2.237477	0.002049	0.421807
asRNA:CR45600	5.025046	-2.30508	2.103145	0.004498	0.42331
CheB53a	3.956356	1.614201	1.835018	0.009987	0.430327
CG14840	613.8626	1.307638	0.136734	0.010041	0.431394
CG13898	2648.954	1.24684	0.107416	0.010386	0.443636
CG15247	32.96615	-1.6686	0.510258	0.017091	0.443636

ftz	34.11264	1.696424	0.46501	0.013068	0.459819
CG33465	13.49384	1.810749	0.94278	0.013315	0.467149
lncRNA:CR43823	42.70096	1.640646	0.40022	0.013655	0.47771
Ser	171.9516	1.412491	0.207107	0.013767	0.480235
lncRNA:CR9284	8198.285	1.200347	0.087054	0.011632	0.489811
Elal	11.76027	-1.76742	0.971393	0.014609	0.49321
CG7329	315.8447	1.339022	0.164799	0.014552	0.503326
Cyp6w1	2.941232	1.382055	1.81153	0.012109	0.505553
CG14292	8.74538	1.585226	1.383349	0.015187	0.508395
cmet	1086.846	1.21607	0.099397	0.015343	0.526215
grh	49.10629	1.587962	0.366091	0.015972	0.531673
lncRNA:CR43631	14.29869	1.818531	0.943217	0.013072	0.539675
unc79	29.73369	1.682178	0.509134	0.015979	0.543328
neb	915.1239	1.293246	0.136743	0.013425	0.543328
lncRNA:CR46008	10.21168	1.684482	1.040047	0.016831	0.554049
CG15517	8.689356	1.736522	1.230798	0.013646	0.555631
Pcyt2	1922.808	1.192401	0.095984	0.024423	0.555631
lncRNA:CR45593	19.81447	1.622292	0.7517	0.022901	0.563674
Cyp4s3	3.214447	1.313681	1.71744	0.014151	0.573002
asRNA:CR45104	25.45575	1.615646	0.625371	0.023853	0.583889
CG5568	2.949909	1.227771	1.724036	0.014786	0.594564
CG13481	589.9271	1.278864	0.131993	0.015018	0.594564
RhoGEF64C	45.11762	1.598628	0.403184	0.017999	0.59554
CG45413	195.3311	1.437274	0.217518	0.012378	0.59925
GluRIIC	128.4114	-1.45723	0.244554	0.015471	0.616319
CG32266	2.77134	1.202093	1.691255	0.015667	0.622455
Ir76b	10.09104	1.623573	1.023793	0.019191	0.628186
CG15068	36.18624	-1.71718	0.598213	0.015919	0.62911
Iris	22.7876	-1.6683	0.734474	0.020058	0.635643
lncRNA:CR45172	50.70069	1.553391	0.367883	0.020371	0.643832
lncRNA:CR46153	19.06706	-1.65961	0.7432	0.020566	6.48E-01
Ggamma30A	41.47693	1.589557	0.425325	0.020625	0.66618
lncRNA:CR43421	15.17113	1.695034	0.935188	0.017457	0.677192
CG32305	254.1978	1.340108	0.164971	0.014368	0.677192
CG10183	3.154795	-1.69605	1.951956	0.008414	0.677192
Tep1	3.722093	1.670727	1.951074	0.008581	0.72299
lncRNA:CR46203	11.78362	1.659407	0.947413	0.018781	0.724779
lncRNA:CR44338	10.23085	1.498638	1.055288	0.023522	0.727537
CG31267	2.539312	-1.10028	1.594638	0.018951	0.727537
CG13038	10.75861	1.53376	0.982699	0.023737	0.748858
PPYR1	687.1066	1.239771	0.117343	0.019576	0.748858
CG32368	57.47637	1.475534	0.362024	0.032881	0.759242
CG31358	3.953497	-1.66774	1.872365	0.009243	0.762841
CG42703	486.8903	1.27236	0.136729	0.020103	0.762841
trp	14.40347	1.547848	0.873402	0.025564	0.77695
Had2	43.37967	1.543234	0.401992	0.024965	0.777481
dmrt93B	12.86047	1.617062	0.942756	0.020673	0.777481
lncRNA:CR46061	53.63795	1.512585	0.356878	0.025319	7.83E-01
lncRNA:CR43252	49.03805	1.559642	0.382068	0.020923	0.782878
laf	751.2794	1.249869	0.124953	0.021016	0.784368

CG33309	900.059	1.260038	0.131895	0.02175	0.798192
lncRNA:CR46127	38.11787	1.488955	0.427883	0.035883	0.807749
ms(2)34Fe	1680.26	1.242592	0.122	0.021987	0.814445
CG4716	352.0028	-1.62339	0.550711	0.022232	0.817397
CG6283	3.474593	1.522422	1.835991	0.010712	0.817397
CG13131	388.4613	1.293605	0.146152	0.018281	0.817397
lncRNA:CR46115	17.9636	1.568726	0.721555	0.0272	8.20E-01
lncRNA:CR44269	233.4881	1.321047	0.180348	0.027174	0.819996
CG34230	260.2581	1.333384	0.179909	0.022741	0.819996
lncRNA:CR43904	41.45823	1.523086	0.398698	0.0278	0.827855
Bx	87.49914	1.423207	0.269729	0.028562	0.827855
PH4alphaNE1	3.498281	1.543301	1.837709	0.010529	0.827855
CG11588	1128.789	1.274746	0.142514	0.022957	0.827855
CG7322	52.33876	-1.54053	0.373422	0.022745	0.827855
lmd	39.86368	1.4735	0.42028	0.038446	0.838055
CG5171	121.6781	-1.41781	0.246286	0.023701	0.8482
Cpr97Eb	20.14817	-1.61148	0.745153	0.023698	0.8482
Srr	20.34806	-1.55607	0.59554	0.029609	0.849396
CAH7	53.46811	-1.5101	0.341776	0.02385	0.849396
Muc12Ea	9.558006	-1.40613	0.979772	0.030347	0.863373
salt	11.37888	1.362946	1.03368	0.030412	0.863373
CG31445	830.2116	1.195545	0.102176	0.029629	0.863373
CG15067	30.61567	-1.47687	0.560271	0.040169	0.863373
lncRNA:CR32111	7.821141	1.403783	1.151941	0.024549	0.863879
CG12310	9.521048	-1.39976	1.152576	0.024674	0.866238
Nepl18	7.382551	-1.20813	1.194989	0.029998	0.867908
CG3246	31.02135	-1.47302	0.537411	0.041042	0.869269
lncRNA:CR45452	19.61101	1.444139	0.636395	0.042725	0.902792
lncRNA:CR43199	76.16406	1.454733	0.291776	0.026185	0.910633
CG13203	110.3974	1.365745	0.263349	0.044596	0.937899
Rh5	7.386628	1.321162	1.158812	0.027344	0.946479
CG17199	820.9762	1.216114	0.118173	0.03344	0.953941
HEATR2	1487.776	1.209147	0.108665	0.027815	0.958278
Tim17a1	803.7692	1.207604	0.108149	0.02825	0.971015
lncRNA:CR45741	11.36087	1.380316	0.901302	0.035515	0.973509
MED7	301.3068	-1.28222	0.155792	0.028591	0.973509
CG6891	635.9606	-1.26827	0.154733	0.034684	0.973509
Gs1	91.46872	-1.44234	0.290088	0.028608	0.973509
CG6654	97.22094	-1.34911	0.251111	0.047172	0.973509
CG10171	1236.107	1.211936	0.106568	0.023941	0.981332
fd102C	19.12326	1.497852	0.664645	0.035111	0.981332
cac	33.62244	0.01576	0.278011	1	1.00E+00
Cngl	2.884567	-0.08256	0.480822	1	1.00E+00
CG11836	30.65199	-0.03109	0.290781	1	1.00E+00
CG33096	0.748159	0.09423	0.585566	0.676734	1.00E+00
bam	74.807	-0.30137	0.22094	1	1.00E+00
sisRNA:CR46364	16.63791	0.170728	0.342706	1	1.00E+00
CG5890	6.219192	-0.29851	0.515586	0.610986	1.00E+00
CG17189	0.955727	-0.02535	0.55452	1	1.00E+00
CG11951	23.29464	0.279667	0.324567	1	1.00E+00

dco	624.8796	-0.20476	0.113226	1	1.00E+00
CG32809	24.96507	-0.22822	0.312093	1	1.00E+00
CG3078	1.419659	0.019556	0.511964	1	1.00E+00
fd3F	1.912047	0.399203	0.852939	0.128933	1.00E+00
lncRNA:CR46349	0.890748	-0.02911	0.540346	1	1.00E+00
CG43689	20.81911	-0.13938	0.325049	1	1.00E+00
ctp	2287.089	-0.4485	0.083605	1	1.00E+00
CG9650	27.40744	0.136709	0.304123	1	1.00E+00
ct	149.2273	0.330082	0.194487	1	1.00E+00
oc	53.41047	1.175314	0.376701	0.166989	1.00E+00
CG12662	0.544056	0.000168	0.586047	1	1.00E+00
mei-P26	861.0444	0.707894	0.152946	1	1.00E+00
CG1354	454.8749	-0.50138	0.126327	1	1.00E+00
CG17841	224.9148	0.18238	0.173066	1	1.00E+00
flw	186.6737	0.022787	0.161693	1	1.00E+00
ras	115.8227	-0.33435	0.199152	1	1.00E+00
sbr	1002.525	0.562875	0.100485	1	1.00E+00
5Ptasel	59.25465	-0.25747	0.254321	1	1.00E+00
Nmnat	190.7727	-0.40111	0.167964	1	1.00E+00
CG31145	92.44388	0.107843	0.209876	1	1.00E+00
CASK	93.81416	-0.28379	0.214543	1	1.00E+00
CG17279	0.560296	-0.09636	0.635579	0.534869	1.00E+00
Syp	12813.76	0.217993	0.114079	1	1.00E+00
CG4367	0.279605	0.016717	0.607437	1	1.00E+00
CG31122	106.3194	0.484492	0.216694	1	1.00E+00
lncRNA:CR46030	37.6998	-0.29509	0.286161	1	1.00E+00
lncRNA:CR46024	27.90009	1.420558	0.54537	0.050157	1.00E+00
lncRNA:CR46267	0.249444	-0.04453	0.618442	0.811316	1.00E+00
lncRNA:CR46052	16.46377	0.076611	0.335169	1	1.00E+00
lncRNA:CR46053	18.91472	0.253997	0.351439	1	1.00E+00
hpRNA:CR46342	22.71904	-0.08635	0.342035	1	1.00E+00
hpRNA:CR32205	287.0229	-0.61288	0.172377	1	1.00E+00
lncRNA:TS27	35.9343	0.058198	0.27735	1	1.00E+00
lncRNA:TS26	1.531078	-0.02898	0.524316	1	1.00E+00
lncRNA:TS25	9.819973	0.143627	0.384211	1	1.00E+00
lncRNA:TS20	5.04749	-0.0761	0.419938	1	1.00E+00
lncRNA:TS9	7.873539	0.683006	0.729212	0.161474	1.00E+00
lncRNA:TS6	1.635824	-0.0229	0.516495	1	1.00E+00
lncRNA:CR46328	1.156066	0.067805	0.552591	0.886826	1.00E+00
lncRNA:TS4	6.385237	0.714979	0.788146	0.12724	1.00E+00
lncRNA:CR46326	3.333407	-0.12922	0.471649	1	1.00E+00
lncRNA:TS3	3.60485	0.070936	0.454164	1	1.00E+00
lncRNA:TS2	0.442588	0.067327	0.62329	0.672689	1.00E+00
lncRNA:TS1	3.20533	-0.33985	0.645756	0.295765	1.00E+00
pre-rRNA:CR45856	42.21007	-0.19053	0.510884	0.732338	1.00E+00
asRNA:CR44019	1.899416	0.083165	0.504651	1	1.00E+00
hpRNA:CR33940	176.6089	-0.55149	0.182849	1	1.00E+00
hpRNA:CR32207	495.3259	0.340708	0.131737	1	1.00E+00
hpRNA:CR18854	807.8628	-0.05743	0.0953	1	1.00E+00
lncRNA:CR46322	9.235053	0.192784	0.434544	1	1.00E+00

lncRNA:CR46299	1.098903	0.075847	0.57598	0.774432	1.00E+00
lncRNA:CR46148	19.25775	-0.36291	0.37535	1	1.00E+00
lncRNA:CR45363	0.310326	0.029819	0.611184	0.934194	1.00E+00
lncRNA:CR45334	73.51495	0.773198	0.297018	0.910389	1.00E+00
lncRNA:CR45236	4.664218	0.496627	0.705914	0.203547	1.00E+00
lncRNA:CR44801	21.27775	-0.05616	0.317253	1	1.00E+00
lncRNA:CR44601	163.4562	0.288697	0.181671	1	1.00E+00
lncRNA:CR44414	0.584177	-0.0628	0.60779	0.738381	1.00E+00
lncRNA:CR42790	1.942969	0.037849	0.606488	0.888605	1.00E+00
lncRNA: noe	2.607149	0.125914	0.51045	0.85781	1.00E+00
lncRNA:CR31526	99.30047	0.265361	0.209645	1	1.00E+00
Su(Ste):CR45796	0.640137	0.08878	0.596946	0.661901	1.00E+00
Su(Ste):CR45795	0.45396	0.031926	0.589322	0.975041	1.00E+00
lncRNA:flam	0.09733	-0.00449	0.605571	1	1.00E+00
lncRNA:CR46211	19.56205	-0.59939	0.47481	0.556564	1.00E+00
lncRNA:CR32582	299.3592	0.439677	0.150507	1	1.00E+00
lncRNA:CR45523	11.37225	-0.23344	0.41532	1	1.00E+00
lncRNA:CR43132	177.4693	-0.66093	0.195838	1	1.00E+00
lncRNA:CR46242	3.966907	0.086361	0.446496	1	1.00E+00
lncRNA:CR32636	4.500003	0.047796	0.442325	1	1.00E+00
lncRNA:CR32652	10370.17	-0.17611	0.07042	1	1.00E+00
lncRNA:CR43695	6.00268	0.138919	0.444435	1	1.00E+00
lncRNA:CR43278	1630.521	0.665708	0.102129	1	1.00E+00
lncRNA:CR45792	33.9108	-0.0999	0.272548	1	1.00E+00
lncRNA:CR45484	21.00311	-0.11112	0.32549	1	1.00E+00
lncRNA:CR46156	0.221294	0.035574	0.613368	0.88614	1.00E+00
lncRNA:CR44957	2.59283	0.021467	0.454434	1	1.00E+00
lncRNA:CR46247	0.137974	0.016718	0.607437	1	1.00E+00
lncRNA:CR46119	5.966621	-0.33177	0.497147	0.656334	1.00E+00
lncRNA:CR34335	61.14774	0.714189	0.356532	0.798609	1.00E+00
lncRNA:CR46120	41.89954	0.914369	0.409197	0.392063	1.00E+00
lncRNA:CR46118	10.53987	1.209627	0.863067	0.052553	1.00E+00
RNaseP:RNA	8.959051	-0.32244	0.459772	0.81818	1.00E+00
lncRNA:CR46207	0.637247	0.094618	0.611438	0.602505	1.00E+00
lncRNA:CR46117	23.01894	0.113125	0.32396	1	1.00E+00
lncRNA:CR46116	13.97131	0.014202	0.348286	1	1.00E+00
asRNA:CR46065	11.30568	0.095899	0.388674	1	1.00E+00
lncRNA:CR46236	15.23516	0.1056	0.340124	1	1.00E+00
lncRNA:CR46114	15.82437	0.010903	0.334366	1	1.00E+00
lncRNA:CR46113	47.05828	-0.4985	0.293198	1	1.00E+00
asRNA:CR46082	4.589521	-0.36444	0.651237	0.282536	1.00E+00
lncRNA:CR46112	57.69958	0.637704	0.319047	1	1.00E+00
lncRNA:CR46111	111.3033	0.109912	0.201206	1	1.00E+00
lncRNA:CR46110	1.219673	-0.09796	0.553552	0.76773	1.00E+00
asRNA:CR46109	0.22292	0.035785	0.613447	0.884422	1.00E+00
asRNA:CR46107	0.22292	0.035785	0.613447	0.884422	1.00E+00
lncRNA:CR46106	13.59663	0.089146	0.348021	1	1.00E+00
asRNA:CR46105	1.512566	-0.23035	0.65081	0.330978	1.00E+00
lncRNA:CR46103	25.25082	0.426015	0.358535	1	1.00E+00
lncRNA:CR46079	25.02705	0.275026	0.329853	1	1.00E+00

lncRNA:CR46078	0.280869	-0.00449	0.605571	1	1.00E+00
lncRNA:CR46076	30.10212	1.072796	0.473168	0.195854	1.00E+00
lncRNA:CR46077	11.49062	0.377788	0.460257	0.770461	1.00E+00
lncRNA:CR46087	13.10975	0.159016	0.367418	1	1.00E+00
lncRNA:CR46086	2.44739	-0.10759	0.491362	0.996504	1.00E+00
lncRNA:CR45991	15.43651	0.254474	0.364568	1	1.00E+00
lncRNA:CR46085	2.250285	-0.10135	0.51781	0.895313	1.00E+00
lncRNA:CR46073	34.09933	0.050266	0.28054	1	1.00E+00
lncRNA:CR45788	23.14909	0.095268	0.312238	1	1.00E+00
lncRNA:CR46084	0.544056	0.000168	0.586047	1	1.00E+00
lncRNA:CR46083	0.169892	0.02982	0.611184	0.934191	1.00E+00
lncRNA:CR42765	4.384281	-0.04194	0.433557	1	1.00E+00
lncRNA:CR46062	8.492339	-0.06631	0.380884	1	1.00E+00
lncRNA:CR46060	0.774837	-0.0315	0.572483	1	1.00E+00
lncRNA:CR46102	0.280869	-0.00449	0.605571	1	1.00E+00
asRNA:CR46101	1.682342	0.056116	0.493252	1	1.00E+00
lncRNA:CR45910	0.711325	-0.01447	0.5669	1	1.00E+00
asRNA:CR46099	0.272696	0.042244	0.616213	0.832444	1.00E+00
lncRNA:CR43166	0.668781	-0.04494	0.586149	0.899523	1.00E+00
asRNA:CR46096	1.860333	0.151831	0.564866	0.600121	1.00E+00
lncRNA:CR46095	101.1378	-0.14322	0.200635	1	1.00E+00
lncRNA:CR46094	1.915381	0.093714	0.533774	0.855128	1.00E+00
asRNA:CR46093	5.003214	-0.08479	0.420142	1	1.00E+00
asRNA:CR46092	2.207666	0.038133	0.492192	1	1.00E+00
asRNA:CR46091	69.49354	0.602006	0.270914	1	1.00E+00
asRNA:CR46089	6.864734	0.095858	0.4046	1	1.00E+00
asRNA:CR46261	25.72583	-0.03359	0.294766	1	1.00E+00
lncRNA:CR46057	2.02473	0.00871	0.490298	1	1.00E+00
lncRNA:CR46056	0.525393	0.00254	0.587883	1	1.00E+00
asRNA:CR46055	0.726331	0.016933	0.553256	1	1.00E+00
lncRNA:CR46046	66.49328	0.252643	0.235857	1	1.00E+00
lncRNA:Hsromea	240.3378	-0.21105	0.166754	1	1.00E+00
asRNA:CR45798	0.785855	0.051483	0.573431	0.89963	1.00E+00
asRNA:CR46045	0.79133	0.069278	0.584262	0.777218	1.00E+00
asRNA:CR46044	5.271645	1.014129	1.159806	0.03909	1.00E+00
lncRNA:CR46042	2.221377	0.125721	0.544476	0.722052	1.00E+00
lncRNA:CR46040	197.6119	0.838775	0.192201	1	1.00E+00
lncRNA:CR46041	0.686065	0.084628	0.588788	0.700617	1.00E+00
lncRNA:CR46265	7.354555	1.066746	0.96223	0.053563	1.00E+00
lncRNA:CR45996	5.083075	-0.68826	0.860542	0.10353	1.00E+00
lncRNA:CR46035	7.307441	0.008659	0.402323	1	1.00E+00
lncRNA:CR46036	2.731046	-0.22078	0.54714	0.565614	1.00E+00
lncRNA:CR45223	2.180419	0.068771	0.495017	1	1.00E+00
lncRNA:CR46023	72.69331	0.444619	0.249442	1	1.00E+00
lncRNA:CR45911	0.272696	0.042244	0.616213	0.832444	1.00E+00
lncRNA:CR46239	58.828	0.122515	0.236515	1	1.00E+00
lncRNA:CR46199	1.566722	0.21304	0.665751	0.319673	1.00E+00
lncRNA:CR46019	19.42252	0.044681	0.313397	1	1.00E+00
lncRNA:CR46217	12.16342	-0.94271	0.716174	0.121994	1.00E+00
lncRNA:CR46238	30.21901	0.70126	0.409774	0.643551	1.00E+00

lncRNA:CR46016	38.22501	0.457006	0.318148	1	1.00E+00
lncRNA:CR46015	0.548644	0.086306	0.627052	0.587748	1
lncRNA:CR46013	1.967987	0.01974	0.488727	1	1.00E+00
asRNA:CR46012	7.690597	1.10731	0.984042	0.048541	1.00E+00
lncRNA:CR46011	39.82836	-0.17094	0.276288	1	1
lncRNA:CR46009	44.76504	0.224316	0.27124	1	1
lncRNA:CR46007	179.8353	-0.74705	0.188403	1	1
lncRNA:CR43459	3.494378	0.056801	0.454313	1	1
lncRNA:CR45790	6.13869	-0.18504	0.442935	1	1
asRNA:CR46144	0.494948	0.03967	0.588216	0.92644	1
asRNA:CR46145	13.10388	-0.03317	0.355509	1	1
lncRNA:CR46124	59.06632	0.785102	0.313261	0.82342	1
lncRNA:CR46228	8.916912	-0.07885	0.380163	1	1
lncRNA:CR46125	24.70023	0.273646	0.375368	1	1
lncRNA:CR46126	1.658269	0.144262	0.565156	0.613037	1
lncRNA:CR46142	32.30985	0.981223	0.505078	0.23074	1
lncRNA:CR46143	0.837687	0.06364	0.590398	0.785118	1
lncRNA:CR46226	3.468747	0.292379	0.575635	0.439517	1
lncRNA:CR46225	21.71739	0.519391	0.416714	0.825025	1
asRNA:CR46128	8.203809	0.072946	0.390491	1	1
lncRNA:CR46224	1.897418	0.006825	0.486101	1	1
lncRNA:CR46130	0.084946	0.016718	0.607437	1	1
asRNA:CR45907	1.504002	-0.036	0.515264	1	1
asRNA:CR45908	4.572678	0.230729	0.503854	0.711992	1
lncRNA:CR45900	0.19466	-0.00449	0.605571	1	1
lncRNA:CR45904	0.09733	-0.00449	0.605571	1	1
lncRNA:CR45903	1.16884	0.127054	0.607483	0.530787	1
lncRNA:CR45902	1.58997	-0.0793	0.508698	1	1
lncRNA:CR45901	12.91575	0.518565	0.492631	0.560943	1
lncRNA:CR46131	47.41498	0.982543	0.402223	0.327045	1
lncRNA:CR46132	16.65102	0.472445	0.471725	0.657473	1
lncRNA:CR43486	20.69385	0.347387	0.369402	1	1
lncRNA:CR46221	0.280869	-0.00449	0.605571	1	1
lncRNA:CR45762	58.86943	0.079297	0.243006	1	1
lncRNA:CR45761	15.04168	0.797752	0.645779	0.19584	1
asRNA:CR46134	2.73476	0.124088	0.488708	0.963601	1
asRNA:CR46135	0.803801	0.025446	0.561537	1	1
asRNA:CR46136	11.45237	-0.14752	0.388912	1	1
lncRNA:CR45793	3.958006	-0.089	0.446127	1	1
asRNA:CR46137	0.483122	-0.02917	0.588037	0.997648	1
asRNA:CR45999	2.531611	0.025357	0.471016	1	1
asRNA:CR46139	5.999143	0.074145	0.415992	1	1
asRNA:CR46140	2.119607	-0.0521	0.482965	1	1
asRNA:CR46255	11.69558	-0.22856	0.388157	1	1
lncRNA:CR46141	83.74747	-0.28019	0.22749	1	1
lncRNA:CR46122	43.24382	1.09916	0.388185	0.22464	1
lncRNA:CR46123	1.3731	0.043625	0.538985	1	1
lncRNA:CR46250	7.321662	-0.18712	0.424219	1	1
lncRNA:CR46252	0.124722	-0.0258	0.610211	0.967585	1
asRNA:CR45969	0.464506	0.032651	0.600456	0.940885	1

lncRNA:CR45961	22.31271	0.357007	0.355251	1	1
lncRNA:CR45967	14.27628	0.555036	0.507287	0.499744	1
lncRNA:CR45966	7.229296	0.671974	0.708384	0.176678	1
lncRNA:CR45958	136.7732	-1.08608	0.240265	0.322907	1
lncRNA:CR45965	125.1988	-0.32571	0.199287	1	1
lncRNA:CR45957	19.66454	0.951953	0.537445	0.221529	1
lncRNA:CR45964	23.84648	0.272789	0.332926	1	1
lncRNA:CR45920	0.627643	-0.067	0.594775	0.756123	1
lncRNA:CR45962	4.337911	-0.0786	0.439318	1	1
lncRNA:CR45956	26.1979	-0.60707	0.446576	0.632217	1
lncRNA:CR45963	44.32833	-0.00781	0.278473	1	1
asRNA:CR45955	9.289802	0.583056	0.690955	0.204043	1
asRNA:CR45960	14.341	0.014662	0.354237	1	1
lncRNA:CR45972	20.91459	-0.31075	0.362407	1	1
lncRNA:CR45953	33.38368	0.86956	0.443725	0.385983	1
lncRNA:CR45971	28.74196	-0.10213	0.295218	1	1
lncRNA:CR45803	121.3708	-0.22297	0.188499	1	1
asRNA:CR45952	1.808351	0.10181	0.51974	0.885691	1
asRNA:CR45801	0.888318	0.040499	0.540325	1	1
asRNA:CR45944	0.910463	0.029499	0.540725	1	1
lncRNA:CR45973	1.41173	-0.06663	0.533955	0.959855	1
lncRNA:CR45942	51.52019	0.476243	0.284205	1	1
lncRNA:CR45916	0.084946	0.016718	0.607437	1	1
asRNA:CR46047	16.171	0.53581	0.463413	0.638992	1
asRNA:CR46048	3.917069	-0.13036	0.456947	1	1
lncRNA:CR46216	26.15519	-0.23811	0.319867	1	1
lncRNA:CR45941	8.79676	0.146049	0.435439	1	1
lncRNA:CR45940	39.99994	0.351576	0.292622	1	1
asRNA:CR45912	0.365437	-0.04679	0.619605	0.793671	1
lncRNA:CR45388	0.134054	-0.0258	0.610211	0.967585	1
lncRNA:CR45939	0.137974	0.016718	0.607437	1	1
lncRNA:CR45938	1.042947	-0.09197	0.592114	0.66499	1
lncRNA:CR46215	89.3774	-0.58447	0.238774	1	1
lncRNA:CR45935	1.144891	0.249476	0.746861	0.214524	1
lncRNA:CR45922	45.44144	0.258071	0.26351	1	1
lncRNA:CR45921	38.14175	0.050981	0.273778	1	1
lncRNA:CR43174	260.7735	0.596037	0.164631	1	1
lncRNA:CR45976	16.1027	-0.00189	0.326127	1	1
lncRNA:CR45897	12.64692	0.647578	0.559728	0.346716	1
asRNA:CR46033	31.1891	-0.48523	0.34357	1	1
asRNA:CR45895	2.243727	0.096031	0.48769	1	1
asRNA:CR45890	23.74451	-0.76847	0.471386	0.429229	1
asRNA:CR45889	0.140435	-0.00449	0.605571	1	1
lncRNA:CR46197	0.644983	-0.1131	0.644701	0.472613	1
lncRNA:CR45977	25.69542	0.052722	0.312946	1	1
lncRNA:CR46213	8.508976	0.180424	0.422685	1	1
lncRNA:CR45978	19.01506	0.465065	0.410006	0.911614	1
lncRNA:CR45888	27.7228	0.2434	0.31808	1	1
lncRNA:CR46031	0.584437	-0.05507	0.589568	0.831569	1
lncRNA:CR46032	3.872353	0.162713	0.477802	0.930919	1

asRNA:CR46067	2.935561	-0.11039	0.476581	1	1
asRNA:CR46266	0.084946	0.016718	0.607437	1	1
lncRNA:CR45825	13.45635	0.252552	0.411715	1	1
asRNA:CR45886	2.559776	-0.17089	0.540422	0.648639	1
lncRNA:CR43912	0.821673	-0.00097	0.55961	1	1
asRNA:CR46251	0.32271	0.017292	0.604746	1	1
lncRNA:CR45824	64.80895	0.363554	0.265858	1	1
lncRNA:CR46241	5.173817	-0.12343	0.452444	1	1
asRNA:CR11538	2.563763	0.196002	0.548989	0.586001	1
asRNA:CR45882	0.607845	-0.0532	0.586401	0.851122	1
lncRNA:CR45881	1.823952	-0.40564	0.928762	0.101661	1
lncRNA:CR46240	10.2404	0.093634	0.385169	1	1
asRNA:CR46050	1.955596	0.162907	0.557056	0.605831	1
lncRNA:CR46231	1.453418	0.221902	0.700944	0.270109	1
lncRNA:CR46230	13.90553	1.382149	0.878032	0.036594	1
lncRNA:CR46212	17.24705	0.88254	0.579864	0.219735	1
lncRNA:CR46006	14.12281	0.269349	0.393725	1	1
asRNA:CR45804	50.6739	1.40147	0.40952	0.055226	1
lncRNA:CR46004	1.54942	0.051016	0.509118	1	1
asRNA:CR46246	0.169892	0.02982	0.611184	0.934191	1
asRNA:CR45874	1.95015	0.04872	0.484453	1	1
lncRNA:CR46003	29.56838	-0.52922	0.378001	0.983183	1
asRNA:CR45873	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45879	158.8215	-0.25172	0.181238	1	1
asRNA:CR43481	29.97335	0.272322	0.310352	1	1
lncRNA:CR45878	35.74442	0.725058	0.380152	0.702445	1
lncRNA:CR45877	156.4233	1.04495	0.202619	0.441462	1
lncRNA:CR45823	220.4265	-0.73863	0.17589	1	1
lncRNA:CR45876	46.45141	1.119054	0.390786	0.206245	1
asRNA:CR45870	0.822577	-0.04774	0.553511	0.983087	1
asRNA:CR45868	0.852285	-0.13724	0.637199	0.444887	1
lncRNA:CR45866	45.19497	1.489823	0.440743	0.036409	1
asRNA:CR45896	0.19466	-0.00449	0.605571	1	1
asRNA:CR45822	2.014837	-0.37414	0.800349	0.156103	1
lncRNA:CR46000	1.293673	0.277064	0.783549	0.180295	1
lncRNA:CR45979	45.9741	0.581352	0.313035	1	1
lncRNA:CR45980	14.23894	0.035094	0.346997	1	1
lncRNA:CR46005	0.22292	0.035785	0.613447	0.884422	1
lncRNA:CR46001	18.94698	0.546549	0.477803	0.586301	1
lncRNA:CR45985	0.361729	0.039232	0.606622	0.878848	1
lncRNA:CR46198	4.49826	-0.09965	0.448994	1	1
lncRNA:CR45984	43.62537	0.088893	0.263487	1	1
lncRNA:CR45983	33.57314	0.331278	0.310873	1	1
asRNA:CR45830	3.791453	-0.13404	0.459725	1	1
lncRNA:CR43626	1.598281	0.055083	0.529502	1	1
lncRNA:CR45819	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45982	49.56479	0.586683	0.302924	1	1
asRNA:CR45829	3.118456	0.340611	0.658647	0.27871	1
asRNA:CR45802	1.554484	-0.0259	0.513339	1	1
asRNA:CR45827	3.224945	0.105733	0.475173	1	1

asRNA:CR45834	26.64919	0.262478	0.320355	1	1
asRNA:CR45815	3.953969	-0.27718	0.552377	0.507673	1
asRNA:CR45814	1.964805	-0.00882	0.48537	1	1
asRNA:CR45813	3.882382	0.149376	0.482909	0.932582	1
asRNA:CR45812	10.57524	0.909101	0.796733	0.099892	1
lncRNA:CR45811	14.94739	-0.09467	0.351578	1	1
lncRNA:CR45810	39.25307	1.021484	0.395419	0.293537	1
lncRNA:CR45809	19.72057	0.495235	0.454109	0.702924	1
lncRNA:CR46200	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45808	347.0903	-0.15833	0.13993	1	1
lncRNA:CR46249	6.13612	-0.16887	0.451247	1	1
lncRNA:CR46002	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45805	4.124904	-0.16837	0.467088	0.974889	1
lncRNA:CR43150	8.282404	-0.44705	0.518136	0.525696	1
asRNA:CR45928	2.103616	-0.1695	0.566124	0.568202	1
lncRNA:CR44750	167.0484	0.638599	0.186531	1	1
lncRNA:CR46271	62.01996	0.398273	0.279145	1	1
lncRNA:CR45997	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR46235	2.609758	-0.10777	0.489202	1	1
lncRNA:CR43104	0.619389	0.079821	0.61591	0.641219	1
lncRNA:CR45232	0.734776	0.024372	0.560351	1	1
lncRNA:CR45994	1.16767	-0.10691	0.597984	0.603224	1
lncRNA:CR45993	0.249444	-0.04453	0.618442	0.811316	1
asRNA:CR42254	82.99974	-0.3327	0.237846	1	1
lncRNA:CR42715	2.477202	-0.00389	0.473587	1	1
asRNA:CR44368	0.657625	-0.11991	0.635208	0.480068	1
lncRNA:CR44206	7.884993	0.519057	0.60302	0.31905	1
lncRNA:CR46237	19.84937	0.428939	0.413951	0.931346	1
lncRNA:CR46194	2.570672	0.178497	0.531428	0.669455	1
scaRNA:PsiU2-55	0.280869	-0.00449	0.605571	1	1
lncRNA:CR46229	13.87524	0.318183	0.401127	1	1
lncRNA:acal	0.450761	0.032667	0.60474	0.929651	1
lncRNA:CR46257	16.59547	0.133028	0.335014	1	1
lncRNA:CR46268	444.5955	-0.99267	0.133317	0.745365	1
asRNA:CR45924	9.092842	-0.20379	0.405648	1	1
lncRNA:CR46075	0.136348	0.016718	0.607437	1	1
asRNA:CR46269	0.612438	-0.01309	0.562427	1	1
lncRNA:CR46064	29.73636	-0.45747	0.342153	1	1
lncRNA:CR45923	10.27207	-0.10471	0.371858	1	1
lncRNA:CR46202	0.249444	-0.04453	0.618442	0.811316	1
asRNA:CR46066	11.53615	0.278393	0.412944	1	1
lncRNA:CR46253	35.57204	-0.18637	0.292105	1	1
lncRNA:CR45361	0.340754	-0.0258	0.610211	0.967581	1
lncRNA:CR43406	62.9107	-0.60901	0.279102	1	1
lncRNA:CR46204	3.331678	-0.13855	0.482289	0.959776	1
asRNA:CR43806	1.188721	0.067708	0.539431	0.934548	1
lncRNA:CR45913	1.390715	0.006703	0.508864	1	1
asRNA:CR46256	1.617173	0.092909	0.520916	0.909932	1
lncRNA:CR46206	16.21424	-0.13037	0.345926	1	1
asRNA:CR46264	7.746401	0.198677	0.427358	1	1

asRNA:CR45778	4.561849	0.156498	0.453885	1	1
asRNA:CR45789	0.275948	0.042618	0.616394	0.829472	1
lncRNA:CR45949	0.840833	0.037627	0.558013	1	1
lncRNA:CR46063	1.286712	-0.09623	0.577776	0.693798	1
lncRNA:CR46210	10.03751	0.073428	0.368726	1	1
lncRNA:CR45791	1.823427	0.019762	0.492529	1	1
snRNA:LU	0.235304	0.016717	0.607437	1	1
asRNA:CR46069	2.783724	-0.00629	0.468304	1	1
lncRNA:CR46260	124.0321	-1.24926	0.228958	0.098023	1
lncRNA:CR46259	39.50245	1.011941	0.45118	0.253452	1
lncRNA:CR46258	0.413922	0.057657	0.625488	0.714087	1
asRNA:CR46263	0.39283	-0.06247	0.627795	0.682912	1
asRNA:CR46262	2.423336	0.17924	0.530895	0.670325	1
lncRNA:CR46254	5.017837	-0.09062	0.458583	1	1
Su(Ste):CR42438	0.294614	0.008289	0.605317	1	1
Su(Ste):CR42432	1.278976	-0.00173	0.517025	1	1
Su(Ste):CR42419	0.274322	0.042431	0.616304	0.830953	1
lncRNA:CR45220	34.87545	0.262146	0.296352	1	1
lncRNA:CR45181	0.9531	0.059348	0.560278	0.900552	1
lncRNA:CR45177	2.034179	-0.04344	0.496105	1	1
asRNA:CR45182	37.36898	1.490867	0.448291	0.036567	1
lncRNA:CR45180	4.366139	-0.16987	0.493896	0.839794	1
lncRNA:CR41257	0.831907	0.108234	0.608444	0.571755	1
lncRNA:CR44268	0.959594	0.016524	0.546799	1	1
lncRNA:CR45557	1.229399	0.06444	0.559561	0.878437	1
lncRNA:CR45556	0.7168	0.002029	0.564321	1	1
lncRNA:CR45052	2.958214	-0.00809	0.46973	1	1
lncRNA:CR45565	5.384932	0.229738	0.498088	0.737111	1
lncRNA:CR45564	9.591705	0.261411	0.427353	1	1
lncRNA:CR45553	0.662494	0.093828	0.611247	0.605483	1
asRNA:CR45190	4.014426	0.234111	0.5029	0.712341	1
lncRNA:CR45573	2.14008	0.405266	0.89032	0.114301	1
lncRNA:CR45552	6.726123	0.079913	0.411284	1	1
lncRNA:CR45555	0.413131	0.043608	0.614128	0.829289	1
asRNA:CR45189	3.913736	0.057093	0.468479	1	1
lncRNA:CR44953	8.800931	-0.3422	0.486363	0.690551	1
lncRNA:CR45191	86.84182	0.077854	0.224478	1	1
lncRNA:CR45571	65.30733	0.379793	0.246191	1	1
lncRNA:CR45547	36.84164	0.537505	0.362903	1	1
lncRNA:CR45568	6.885423	-0.01486	0.502733	1	1
lncRNA:CR45030	135.2788	0.21552	0.184077	1	1
asRNA:CR45044	1.573661	0.043567	0.494009	1	1
lncRNA:CR45567	0.724973	-0.07316	0.59018	0.742227	1
lncRNA:CR44264	4.245056	-0.21087	0.521448	0.664575	1
lncRNA:CR44952	2.361725	0.115515	0.513321	0.872757	1
lncRNA:CR43440	113.0964	1.050207	0.236666	0.399765	1
lncRNA:CR44229	25.07875	0.454284	0.418373	0.884948	1
lncRNA:CR45566	1.697106	-0.13985	0.541054	0.702502	1
asRNA:CR44287	1.91582	0.260344	0.660623	0.302257	1
asRNA:CR45209	0.781277	-0.00215	0.54467	1	1

lncRNA:CR45562	38.4774	0.209715	0.272457	1	1
lncRNA:CR44951	42.16846	0.460912	0.304024	1	1
lncRNA:CR45226	54.77409	0.878905	0.376995	0.490953	1
lncRNA:CR44320	1.158594	0.01742	0.551791	1	1
lncRNA:CR44319	51.43093	-1.07662	0.355344	0.266994	1
lncRNA:CR44950	153.3871	1.014751	0.210803	0.51885	1
lncRNA:CR45039	1.050479	0.07576	0.562093	0.819956	1
lncRNA:CR45656	3.245067	0.158282	0.512383	0.778727	1
lncRNA:CR45655	0.522945	-0.00032	0.587205	1	1
lncRNA:CR45654	51.71332	0.767137	0.33822	0.771336	1
lncRNA:CR45653	287.0411	0.821674	0.155498	1	1
lncRNA:CR44949	2.696467	-0.13962	0.508854	0.832263	1
lncRNA:CR45651	0.395539	-0.06296	0.627788	0.680533	1
lncRNA:CR44948	0.8135	0.035331	0.571916	0.999893	1
asRNA:CR45214	3.99564	0.22033	0.520157	0.658961	1
asRNA:CR44267	103.1404	0.129447	0.194786	1	1
lncRNA:CR45216	2.567371	0.161812	0.527888	0.709596	1
lncRNA:CR45650	0.759544	-0.00437	0.561638	1	1
lncRNA:CR45649	22.46526	0.419972	0.384177	1	1
lncRNA:CR45662	0.237764	-0.00449	0.605571	1	1
lncRNA:CR45217	7.837321	-0.08569	0.386374	1	1
lncRNA:CR43285	40.13848	-0.77781	0.376456	0.63682	1
lncRNA:CR44324	145.9156	0.084023	0.177787	1	1
lncRNA:CR44323	28.80803	-0.13839	0.293184	1	1
lncRNA:CR44322	14.73622	-0.2055	0.366334	1	1
lncRNA:CR45647	0.778638	-0.00593	0.582072	1	1
asRNA:CR45046	1.603727	0.040046	0.506211	1	1
lncRNA:CR45644	0.146094	-0.0258	0.610211	0.967585	1
lncRNA:CR45632	0.583814	0.094272	0.629794	0.555516	1
lncRNA:CR44032	102.3561	0.396316	0.222865	1	1
lncRNA:CR44265	10.36756	-0.05508	0.389495	1	1
lncRNA:CR44178	323.4146	0.153963	0.138532	1	1
lncRNA:CR44947	4.875731	-0.25296	0.587527	0.433321	1
lncRNA:CR44401	96.97586	0.574261	0.2457	1	1
lncRNA:CR44400	7.494342	-0.0149	0.383179	1	1
lncRNA:CR45023	86.37868	0.302432	0.236257	1	1
lncRNA:CR45048	17.38445	-0.17993	0.345546	1	1
lncRNA:CR45047	1.005842	-0.08617	0.582374	0.714265	1
lncRNA:CR44175	63.16209	0.584289	0.273045	1	1
lncRNA:CR44173	1.420021	0.194113	0.658526	0.343383	1
lncRNA:CR45633	0.335094	-0.00449	0.605571	1	1
lncRNA:CR44349	1.274369	0.049178	0.512878	1	1
asRNA:CR45028	0.280869	-0.00449	0.605571	1	1
lncRNA:CR43196	2.121369	0.246859	0.660805	0.308107	1
lncRNA:CR44946	0.292188	-0.04954	0.621123	0.77256	1
lncRNA:CR44256	3.162691	0.03913	0.465445	1	1
lncRNA:CR45634	44.88049	0.06728	0.254034	1	1
lncRNA:CR45103	172.2119	0.366072	0.167008	1	1
lncRNA:CR45221	1.004477	-0.04947	0.55095	0.982263	1
lncRNA:CR45045	7.619624	-0.07931	0.636272	0.587524	1

lncRNA:iab4	0.846265	-0.15236	0.653562	0.39198	1
lncRNA:TS16	20.0099	-0.20183	0.355003	1	1
lncRNA:CR45630	44.49533	-0.24623	0.313901	1	1
lncRNA:CR45193	47.48869	0.435638	0.287279	1	1
lncRNA:CR45641	0.275948	0.042618	0.616394	0.829472	1
lncRNA:CR45212	0.340754	-0.0258	0.610211	0.967581	1
lncRNA:CR45207	1.322907	0.248046	0.722659	0.236971	1
lncRNA:CR45636	4.828809	-0.03867	0.450089	1	1
lncRNA:CR45635	0.718868	-0.01726	0.567425	1	1
lncRNA:CR44944	35.8678	0.251576	0.293276	1	1
lncRNA:CR45599	37.22175	0.156076	0.278836	1	1
lncRNA:CR45598	10.37204	0.272034	0.456163	0.884081	1
lncRNA:CR44943	116.8809	1.140945	0.241034	0.228388	1
lncRNA:CR45590	20.62114	1.17618	0.655863	0.089415	1
lncRNA:CR45680	0.573057	-0.0617	0.608753	0.74108	1
lncRNA:CR45589	54.96004	0.147596	0.236998	1	1
lncRNA:CR45591	3.126621	0.089905	0.462166	1	1
lncRNA:CR44967	72.14919	0.231819	0.240162	1	1
lncRNA:CR45587	15.60047	-0.22421	0.371472	1	1
lncRNA:CR45586	26.28398	0.40278	0.36134	1	1
lncRNA:CR44942	0.084946	0.016718	0.607437	1	1
lncRNA:CR44941	5.387124	0.179903	0.454253	1	1
lncRNA:CR45583	7.311043	-0.01255	0.410223	1	1
lncRNA:CR45584	12.17886	0.062896	0.352927	1	1
lncRNA:CR45595	1.051308	-0.00096	0.538184	1	1
asRNA:CR45056	74.64021	-0.04358	0.224206	1	1
lncRNA:CR45581	14.93735	0.121864	0.34268	1	1
lncRNA:cherub	108.8271	0.521116	0.227336	1	1
lncRNA:CR45561	26.75281	0.241142	0.309307	1	1
lncRNA:CR45578	15.66866	0.026104	0.334214	1	1
lncRNA:CR45577	6.417114	-0.37381	0.517721	0.561786	1
asRNA:CR45016	36.81948	0.315063	0.300446	1	1
lncRNA:CR45576	34.02319	1.22221	0.497182	0.111344	1
lncRNA:CR44955	104.5717	0.880283	0.253018	0.805731	1
lncRNA:CR44939	48.15769	0.368344	0.291759	1	1
lncRNA:CR44938	1.641981	0.030875	0.518452	1	1
lncRNA:CR45054	0.509675	0.068716	0.631556	0.643144	1
asRNA:CR45205	8.542614	0.039071	0.386346	1	1
lncRNA:CR45029	20.33467	0.021564	0.32548	1	1
asRNA:CR45053	1.916348	0.152887	0.54558	0.66089	1
lncRNA:CR45203	222.4612	1.134787	0.177177	0.220328	1
lncRNA:CR45196	22.25733	0.197245	0.325836	1	1
lncRNA:CR44937	6.314136	-0.04739	0.405362	1	1
asRNA:CR44291	15.13217	-0.1569	0.353193	1	1
lncRNA:CR45574	8.099578	0.136021	0.419812	1	1
lncRNA:CR45575	5.370995	-0.11491	0.444406	1	1
lncRNA:CR45215	9.190378	-0.1173	0.392488	1	1
lncRNA:CR44318	0.416712	-0.02716	0.606329	0.96651	1
asRNA:CR45549	7.163651	0.192254	0.45277	1	1
lncRNA:CR45560	149.4717	-0.12353	0.185127	1	1

asRNA:CR45210	1.899715	0.170947	0.568664	0.558754	1
lncRNA:CR45551	13.11086	0.146514	0.364711	1	1
lncRNA:CR45386	0.378199	-0.00451	0.605339	1	1
lncRNA:CR44331	5.450695	0.074695	0.415772	1	1
lncRNA:TS14	0.339783	0.051812	0.621542	0.757899	1
lncRNA:CR45689	1.631267	0.018944	0.490809	1	1
lncRNA:CR44330	48.27741	-1.19337	0.452119	0.135278	1
lncRNA:CR44936	2.003973	-0.10563	0.505807	0.934838	1
lncRNA:CR44935	36.00527	0.746486	0.377991	0.678119	1
asRNA:CR42738	1.827337	0.014175	0.478534	1	1
lncRNA:CR44674	224.4726	-0.73889	0.188542	1	1
lncRNA:CR44933	2.537527	-0.02951	0.46822	1	1
lncRNA:CR44332	12.9604	1.094481	0.746185	0.0852	1
lncRNA:CR45390	21.79031	-0.19188	0.322961	1	1
lncRNA:CR44934	77.21251	0.69533	0.270455	1	1
lncRNA:CR44932	3.806306	0.341178	0.623213	0.328788	1
lncRNA:CR45559	3.042887	-0.15301	0.522612	0.746476	1
lncRNA:CR45389	1.10265	-0.22542	0.708844	0.259696	1
lncRNA:CR44931	0.442588	0.067327	0.62329	0.672689	1
lncRNA:CR45435	31.51841	-0.59881	0.413059	0.752633	1
lncRNA:CR44673	19.52252	-1.18586	0.581801	0.104098	1
lncRNA:CR44672	1.368126	0.069773	0.542143	0.91551	1
lncRNA:CR44671	30.8895	0.059014	0.296215	1	1
lncRNA:CR44929	0.503736	0.039729	0.587299	0.928618	1
lncRNA:CR44670	34.6783	0.233856	0.295592	1	1
lncRNA:CR43280	79.56596	0.334579	0.221094	1	1
lncRNA:CR44921	141.0463	-0.13168	0.173824	1	1
lncRNA:CR45234	222.5469	0.520923	0.160144	1	1
lncRNA:CR44669	47.11415	0.211363	0.255341	1	1
lncRNA:CR44928	11.33415	0.284111	0.420149	1	1
lncRNA:CR44927	53.642	-0.23953	0.266918	1	1
lncRNA:CR43253	78.76998	0.708833	0.261335	1	1
lncRNA:CR44926	36.53178	0.003846	0.282959	1	1
lncRNA:CR45392	1.612692	0.018322	0.517808	1	1
lncRNA:CR44925	11.80028	0.128896	0.39283	1	1
asRNA:CR45192	1.57887	0.245602	0.660126	0.309637	1
lncRNA:CR44668	6.621847	0.646646	0.719779	0.172787	1
lncRNA:CR44924	59.38137	0.575607	0.278486	1	1
lncRNA:CR44567	2.015864	-0.10895	0.517195	0.874794	1
asRNA:ASTR	2.361553	-0.00538	0.466496	1	1
lncRNA:CR45588	0.576642	0.054649	0.586221	0.843748	1
lncRNA:CR45165	0.318624	0.036573	0.611462	0.884128	1
lncRNA:CR45585	2.100742	0.022096	0.483351	1	1
lncRNA:CR45188	189.0282	1.313813	0.211751	0.046599	1
lncRNA:CR45580	137.7168	-0.01894	0.182793	1	1
lncRNA:CR45688	20.00638	0.024267	0.327687	1	1
lncRNA:CR44923	0.748225	0.068365	0.585086	0.778854	1
lncRNA:CR44564	32.20994	0.10005	0.278105	1	1
lncRNA:CR45673	0.475529	-0.0052	0.593302	1	1
lncRNA:CR44563	5.493112	0.030727	0.421536	1	1

lncRNA:CR44317	12.86058	0.145096	0.381364	1	1
lncRNA:CR45436	85.81548	1.176413	0.274275	0.182507	1
lncRNA:CR43250	1.367011	0.041618	0.532372	1	1
lncRNA:CR45558	23.31306	0.108313	0.315021	1	1
lncRNA:CR45756	0.413131	0.043608	0.614128	0.829289	1
asRNA:CR43629	2.27455	0.060831	0.479716	1	1
lncRNA:CR45179	1.174218	0.158557	0.638979	0.411581	1
lncRNA:CR45187	1.647392	-0.01148	0.504827	1	1
lncRNA:CR45664	10.95016	-0.10357	0.362719	1	1
lncRNA:CR44922	0.955058	-0.0882	0.587797	0.690649	1
lncRNA:CR45159	4.701917	0.268077	0.505733	0.669609	1
lncRNA:CR45174	40.696	1.137832	0.416856	0.180479	1
asRNA:CR45164	0.235304	0.016717	0.607437	1	1
lncRNA:CR45755	1.626131	0.10806	0.533004	0.812638	1
lncRNA:CR45758	15.01403	0.45968	0.435687	0.804921	1
lncRNA:CR45754	0.353053	-0.0246	0.608391	0.981342	1
lncRNA:CR45240	0.09733	-0.00449	0.605571	1	1
lncRNA:CR45394	7.002962	-0.37444	0.530709	0.522152	1
lncRNA:CR45395	7.768627	-0.07395	0.406415	1	1
lncRNA:CR43247	180.9757	0.289681	0.185042	1	1
lncRNA:CR45429	82.08409	0.545044	0.241196	1	1
lncRNA:CR44562	32.33905	-0.03099	0.295561	1	1
lncRNA:CR45431	15.70423	0.578466	0.494017	0.519777	1
lncRNA:CR45430	77.06275	0.81253	0.303478	0.799836	1
lncRNA:CR45382	2.282261	-0.02046	0.464376	1	1
lncRNA:CR45398	2.498339	0.230284	0.577409	0.472803	1
lncRNA:CR45237	60.5539	-0.27342	0.248528	1	1
lncRNA:CR44702	0.467356	0.047016	0.609187	0.82159	1
lncRNA:CR45035	29.73127	0.841341	0.458854	0.388194	1
asRNA:CR44843	4.617286	-0.3251	0.556215	0.472969	1
lncRNA:CR45233	5.743949	-0.24743	0.469807	0.845081	1
lncRNA:CR45025	74.66052	-0.21683	0.226362	1	1
lncRNA:CR44687	0.124722	-0.0258	0.610211	0.967585	1
lncRNA:CR44560	40.31505	-0.1905	0.277825	1	1
lncRNA:CR45757	20.12495	-0.0763	0.330525	1	1
lncRNA:CR44561	27.9505	-0.17204	0.320864	1	1
asRNA:CR43933	7.903673	0.482182	0.55799	0.412678	1
lncRNA:CR45399	15.86988	1.167053	0.675536	0.087161	1
lncRNA:CR45120	27.29206	0.650504	0.430421	0.638964	1
lncRNA:CR45178	8.945186	0.145604	0.39468	1	1
lncRNA:CR45432	18.38239	0.497574	0.458096	0.686755	1
lncRNA:CR44559	51.00339	1.012707	0.373196	0.324562	1
lncRNA:CR44558	65.59575	1.151144	0.337617	0.198555	1
lncRNA:CR45243	2.176682	-0.09486	0.492726	1	1
lncRNA:CR45734	0.936888	-0.09142	0.580795	0.700555	1
lncRNA:CR44557	0.929011	0.056502	0.573501	0.872597	1
lncRNA:CR45733	1.089455	-0.00298	0.516707	1	1
lncRNA:CR45383	24.50529	0.683422	0.434968	0.591775	1
lncRNA:CR44686	61.16225	0.341079	0.255065	1	1
lncRNA:CR45253	1.353741	0.103621	0.584662	0.650331	1

asRNA:CR45384	6.240008	0.176591	0.437187	1	1
lncRNA:CR44685	14.06147	0.577543	0.522445	0.451338	1
lncRNA:CR44682	18.42165	0.016336	0.334205	1	1
lncRNA:CR45752	0.332634	0.016717	0.607437	1	1
lncRNA:CR44681	35.05266	0.509829	0.345431	1	1
lncRNA:CR43146	6.484876	0.083845	0.64194	0.556579	1
lncRNA:CR44683	0.615963	-0.00603	0.580734	1	1
lncRNA:CR45098	14.47524	-0.21218	0.375885	1	1
lncRNA:CR43914	1.223623	0.098393	0.568108	0.717364	1
lncRNA:CR44684	18.7218	0.01387	0.323019	1	1
lncRNA:CR45097	2.352717	-0.48369	1.000488	0.080237	1
lncRNA:CR45176	0.124722	-0.0258	0.610211	0.967585	1
lncRNA:CR45096	13.13176	0.023679	0.33848	1	1
lncRNA:CR45677	0.660937	-0.11611	0.646461	0.46254	1
lncRNA:CR44554	22.80579	0.422595	0.374378	1	1
lncRNA:CR43890	0.346774	-0.04453	0.618442	0.811314	1
lncRNA:CR45749	5.172241	0.054595	0.429127	1	1
asRNA:CR43876	33.25366	0.283826	0.313074	1	1
lncRNA:CR45157	6.282998	0.096299	0.441114	1	1
lncRNA:CR44679	0.517552	-0.08828	0.632556	0.566761	1
lncRNA:CR45748	11.26195	-0.49664	0.54363	0.439323	1
lncRNA:CR45433	0.275948	0.042618	0.616394	0.829472	1
lncRNA:CR44552	106.2314	-0.04243	0.186645	1	1
lncRNA:CR44553	20.89682	0.837654	0.494927	0.337442	1
lncRNA:CR44676	0.46208	-0.01556	0.595998	1	1
lncRNA:CR45158	0.976626	0.175349	0.684291	0.319463	1
lncRNA:CR44677	0.90792	0.0496	0.556844	0.962187	1
lncRNA:CR45168	0.374112	0.018812	0.597956	1	1
lncRNA:CR45731	1.086339	0.196799	0.687065	0.300742	1
asRNA:CR45682	1.976757	0.167074	0.572336	0.553854	1
lncRNA:CR45681	1.129173	0.135795	0.593754	0.548306	1
lncRNA:CR45444	4.367545	0.203855	0.466778	0.916688	1
lncRNA:CR45434	92.93794	0.202072	0.207786	1	1
lncRNA:CR44551	4.433635	-0.32056	0.548584	0.495539	1
lncRNA:CR45732	6.166611	0.069968	0.422478	1	1
lncRNA:CR45036	5.204319	0.060079	0.420382	1	1
lncRNA:CR45251	1.075247	0.063138	0.546959	0.927941	1
lncRNA:CR45250	0.589228	0.014117	0.58199	1	1
lncRNA:CR45404	0.268107	-0.04679	0.619605	0.793673	1
lncRNA:CR44720	2.109558	0.114348	0.527123	0.818038	1
lncRNA:CR44717	0.631964	0.117671	0.633342	0.488871	1
lncRNA:CR45119	0.549452	0.045402	0.597399	0.864674	1
lncRNA:CR45249	35.88662	0.381153	0.319887	1	1
asRNA:CR45171	10.71767	0.005589	0.364721	1	1
lncRNA:CR45169	0.268107	-0.04679	0.619605	0.793673	1
lncRNA:CR45246	18.51356	-0.2681	0.36742	1	1
lncRNA:CR44347	12.06322	0.420675	0.488598	0.632541	1
lncRNA:CR44546	3.047265	0.059042	0.619768	0.723155	1
lncRNA:CR44545	2.400314	-0.05176	0.508603	1	1
lncRNA:CR44544	3.243469	-0.42854	0.789109	0.155895	1

lncRNA:CR45245	71.32429	0.127599	0.236524	1	1
lncRNA:CR45242	0.450761	0.032667	0.60474	0.929651	1
lncRNA:CR44540	7.827684	-0.21624	0.428917	1	1
lncRNA:CR44539	47.35502	0.016381	0.256719	1	1
lncRNA:CR44541	0.280869	-0.00449	0.605571	1	1
lncRNA:CR45403	0.274322	0.042431	0.616304	0.830953	1
lncRNA:CR45155	121.9774	0.16037	0.191287	1	1
lncRNA:CR45406	21.99653	0.088897	0.318769	1	1
lncRNA:CR45407	16.63681	-0.59228	0.501754	0.491656	1
lncRNA:CR44348	8.926236	0.069836	0.380135	1	1
asRNA:CR45121	7.40649	0.575328	0.627444	0.271473	1
lncRNA:CR44526	3.277945	-0.38866	0.687572	0.236315	1
lncRNA:CR45409	4.487907	-0.14647	0.464323	1	1
lncRNA:CR45412	41.23835	0.584384	0.339083	1	1
lncRNA:CR45414	14.94699	0.372031	0.416387	0.978812	1
lncRNA:CR45415	1.570168	0.386858	0.904815	0.110357	1
lncRNA:CR45417	11.67861	1.010982	0.727383	0.104871	1
lncRNA:CR44523	4.408665	-0.09973	0.438709	1	1
lncRNA:CR45173	33.48271	0.360539	0.302253	1	1
lncRNA:CR45239	8.331995	-0.54735	0.63884	0.263365	1
lncRNA:CR45238	113.4451	0.09101	0.193253	1	1
lncRNA:CR45418	2.47507	-0.11902	0.510446	0.875797	1
lncRNA:CR45419	100.0081	0.630338	0.231664	1	1
lncRNA:CR45113	4.686858	-0.02917	0.600322	0.966426	1
lncRNA:CR45114	0.589228	0.014117	0.58199	1	1
lncRNA:CR45420	0.19466	-0.00449	0.605571	1	1
lncRNA:CR44522	0.802834	-0.07079	0.57746	0.791494	1
lncRNA:CR45744	12.95603	0.082935	0.350249	1	1
lncRNA:CR44518	20.76619	0.389873	0.380005	1	1
lncRNA:CR44520	122.8484	0.012269	0.187771	1	1
lncRNA:CR44516	10.43802	0.374034	0.463246	0.760854	1
asRNA:CR45167	16.59763	1.291067	0.689894	0.061843	1
asRNA:CR45026	38.80971	0.805672	0.373986	0.602501	1
lncRNA:CR44519	90.22823	-0.15691	0.219359	1	1
asRNA:CR45160	0.276783	0.016717	0.607437	1	1
lncRNA:CR45685	2.129345	0.075194	0.505342	1	1
lncRNA:CR44528	259.5297	1.017655	0.178825	0.553364	1
lncRNA:CR45438	0.655344	0.060861	0.577526	0.837911	1
lncRNA:CR45156	0.292188	-0.04954	0.621123	0.77256	1
asRNA:CR45738	0.42004	0.020156	0.59233	1	1
lncRNA:CR44529	0.357642	0.052573	0.622027	0.752117	1
lncRNA:CR45670	0.662015	0.056626	0.59705	0.801244	1
lncRNA:CR45422	32.28157	0.075792	0.286814	1	1
lncRNA:CR45379	13.56713	0.107923	0.353818	1	1
lncRNA:CR45034	0.646023	0.106423	0.636301	0.50707	1
lncRNA:CR45675	6.912584	0.030086	0.414081	1	1
lncRNA:CR45043	0.927536	0.067434	0.553903	0.883946	1
lncRNA:CR45380	2.317411	-0.08038	0.482482	1	1
lncRNA:CR45424	15.09162	0.004158	0.332038	1	1
lncRNA:CR44530	19.73749	0.351168	0.358339	1	1

lncRNA:CR44531	1.070859	0.03999	0.54737	1	1
lncRNA:CR45660	17.7211	0.555782	0.465639	0.616502	1
lncRNA:CR45170	0.993553	0.049479	0.545533	1	1
lncRNA:CR45425	2.295228	0.157822	0.538212	0.678098	1
lncRNA:CR45426	0.603704	0.073714	0.61332	0.672872	1
lncRNA:CR45427	0.417579	0.042956	0.600863	0.870278	1
asRNA:CR45686	27.74202	0.089969	0.28773	1	1
asRNA:CR44351	0.09733	-0.00449	0.605571	1	1
lncRNA:CR44842	9.292925	0.247986	0.407866	1	1
lncRNA:CR45166	17.5681	1.068607	0.691199	0.104214	1
lncRNA:CR45411	1.259518	-0.13249	0.612332	0.50837	1
lncRNA:CR44514	0.19466	-0.00449	0.605571	1	1
lncRNA:CR42719	2.107693	0.16099	0.547131	0.64143	1
lncRNA:CR44513	0.540804	-0.00023	0.586347	1	1
lncRNA:CR45117	3.97111	0.326029	0.653398	0.289235	1
lncRNA:CR45118	7.817483	0.061738	0.398542	1	1
lncRNA:CR45378	1.539877	0.371769	0.887079	0.117601	1
lncRNA:CR43151	313.6831	-0.16505	0.138624	1	1
lncRNA:CR45402	0.275948	0.042618	0.616394	0.829472	1
lncRNA:CR45401	0.339783	0.051812	0.621542	0.757899	1
lncRNA:CR44511	5.207502	-0.09775	0.429878	1	1
lncRNA:CR45252	59.27176	-0.55895	0.267203	1	1
lncRNA:CR44830	1.359213	-0.11683	0.574442	0.644923	1
lncRNA:CR44829	55.6331	-0.03672	0.246455	1	1
lncRNA:CR44828	1.605398	-0.03161	0.503614	1	1
lncRNA:CR44811	8.419614	-0.03881	0.379823	1	1
lncRNA:CR44810	0.280869	-0.00449	0.605571	1	1
lncRNA:CR44827	25.11264	0.070293	0.305747	1	1
lncRNA:CR44826	0.687619	0.029665	0.573087	1	1
lncRNA:CR44814	0.477758	0.074196	0.624785	0.638826	1
asRNA:CR45350	3.415576	0.058685	0.465838	1	1
asRNA:CR44806	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR44805	1.767684	0.025784	0.529223	1	1
asRNA:CR44807	2.077435	0.013618	0.495724	1	1
lncRNA:CR45325	2.818877	-0.14324	0.493172	0.896069	1
asRNA:CR45326	24.22406	1.094583	0.51434	0.162663	1
lncRNA:CR45153	4.602688	-0.03097	0.439219	1	1
lncRNA:CR44784	3.455002	-0.0499	0.44798	1	1
lncRNA:CR44783	9.18207	0.217169	0.421965	1	1
lncRNA:CR44456	7.796365	0.081836	0.397306	1	1
lncRNA:CR44455	1869.116	1.166349	0.11424	0.079461	1
lncRNA:CR44782	6.19158	0.328153	0.523914	0.565457	1
lncRNA:CR44781	10.19964	-0.01331	0.370598	1	1
lncRNA:CR45328	0.450761	0.032667	0.60474	0.929651	1
lncRNA:CR44780	19.98882	0.365712	0.388601	1	1
lncRNA:CR44764	1.003492	0.157392	0.632517	0.425601	1
lncRNA:CR44763	1.25558	-0.0592	0.516695	1	1
lncRNA:CR45327	0.696119	0.011842	0.555182	1	1
lncRNA:CR44759	12.43753	0.361639	0.434911	0.898326	1
lncRNA:CR44761	1.496113	-0.08226	0.51301	0.981561	1

lncRNA:CR44756	2.9791	0.001933	0.456013	1	1
lncRNA:CR45269	1.041303	-0.08625	0.559254	0.788523	1
lncRNA:CR44758	3.072787	-0.53936	0.951183	0.088953	1
asRNA:CR45376	0.219	-0.00449	0.605571	1	1
lncRNA:CR43405	352.8086	-0.01783	0.144862	1	1
lncRNA:CR44749	0.73955	-0.04332	0.564601	0.972886	1
lncRNA:CR44748	1.675567	0.156874	0.585556	0.533239	1
lncRNA:CR44725	3.035359	0.194806	0.521111	0.685627	1
asRNA:CR45149	0.823664	-0.01891	0.557096	1	1
asRNA:CR44724	8.972469	-0.11096	0.384392	1	1
asRNA:CR44704	0.977031	0.172086	0.664955	0.351727	1
asRNA:CR44703	3.879145	0.219172	0.531478	0.619089	1
lncRNA:CR45148	0.559225	0.027179	0.580789	1	1
lncRNA:CR44667	126.8412	0.11054	0.179206	1	1
lncRNA:CR44665	18.81328	1.14487	0.647666	0.098664	1
lncRNA:CR44660	11.98721	0.329422	0.414469	1	1
asRNA:CR44653	0.084946	0.016718	0.607437	1	1
lncRNA:CR44652	7.912015	-0.05262	0.388422	1	1
lncRNA:CR44651	11.9375	0.400613	0.498191	0.611447	1
lncRNA:CR44649	3.929473	-0.14843	0.472706	0.986259	1
lncRNA:CR44645	0.272696	0.042244	0.616213	0.832444	1
lncRNA:CR44644	26.56534	0.276161	0.334094	1	1
lncRNA:CR44643	336.8234	-0.60534	0.160797	1	1
lncRNA:CR44642	20.79088	0.484596	0.415842	0.865044	1
lncRNA:CR44641	0.72503	0.077935	0.587982	0.728921	1
lncRNA:CR44640	0.977031	0.172086	0.664955	0.351727	1
lncRNA:CR44639	8.707054	0.953499	0.836062	0.084181	1
lncRNA:CR44638	3.849765	0.242545	0.523296	0.625807	1
lncRNA:CR45423	105.596	0.215403	0.197983	1	1
lncRNA:CR45229	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR44635	0.377478	-0.05463	0.613081	0.765987	1
lncRNA:CR44634	0.231383	-0.0258	0.610211	0.967583	1
lncRNA:CR44633	1.885804	-0.00824	0.519389	1	1
lncRNA:CR44632	0.710695	0.027511	0.562849	1	1
lncRNA:CR44631	10.63046	0.07661	0.378138	1	1
lncRNA:CR44630	1.718054	-0.28389	0.739783	0.211561	1
lncRNA:CR44629	0.318624	0.036573	0.611462	0.884128	1
lncRNA:CR44626	3.507682	-0.07107	0.462042	1	1
lncRNA:CR44573	26.48708	0.37801	0.334858	1	1
lncRNA:CR44572	59.65722	0.647335	0.29326	1	1
lncRNA:CR44460	32.6192	0.105956	0.279892	1	1
lncRNA:CR44571	52.58448	-0.11816	0.261247	1	1
lncRNA:CR44570	11.5694	0.2486	0.402977	1	1
lncRNA:CR45231	2.37769	-0.01979	0.470177	1	1
asRNA:CR44509	0.75912	0.036144	0.574814	0.986526	1
lncRNA:CR44506	17.49867	0.168332	0.343818	1	1
lncRNA:CR44505	55.33009	0.1829	0.244892	1	1
lncRNA:CR44504	3.887049	0.15045	0.459586	1	1
lncRNA:CR44214	101.1101	0.35776	0.21571	1	1
lncRNA:CR44503	0.426043	-0.02752	0.605323	0.966228	1

lncRNA:CR44474	0.561739	-0.00491	0.598138	1	1
lncRNA:CR44473	0.889235	0.093617	0.604418	0.624765	1
lncRNA:CR44472	1.181423	0.046873	0.543358	1	1
lncRNA:CR44432	20.23465	-0.15626	0.325126	1	1
lncRNA:CR44468	1.13307	-0.09314	0.567567	0.736407	1
lncRNA:CR42736	8.151502	0.962581	0.811485	0.088947	1
lncRNA:CR44421	10.88515	0.141791	0.373074	1	1
lncRNA:CR44420	241.9222	0.980334	0.185219	0.679847	1
lncRNA:CR45311	2.290893	-0.04286	0.489677	1	1
lncRNA:CR45147	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45022	3.067852	0.26386	0.660667	0.300715	1
lncRNA:CR45274	0.425699	-0.00541	0.590029	1	1
lncRNA:CR44418	198.623	1.100408	0.188769	0.301499	1
lncRNA:CR44344	4.789991	0.204475	0.497372	0.770798	1
lncRNA:CR44417	27.2142	-0.07154	0.303151	1	1
lncRNA:CR44387	1.180396	-0.20221	0.6921	0.290963	1
asRNA:CR44416	0.243424	-0.0258	0.610211	0.967583	1
asRNA:CR44386	0.504494	-0.03667	0.57829	0.97341	1
asRNA:CR45146	5.047388	0.079128	0.42554	1	1
lncRNA:CR45273	6.871791	0.091074	0.396726	1	1
lncRNA:CR44404	4.517415	-0.51029	0.819196	0.133455	1
asRNA:CR45272	0.09733	-0.00449	0.605571	1	1
asRNA:CR44390	1.794646	0.080665	0.505813	1	1
lncRNA:CR44377	25.91506	0.356566	0.37704	1	1
lncRNA:CR44376	136.4478	0.317952	0.183939	1	1
lncRNA:CR44466	7.623255	0.268879	0.446475	0.936161	1
lncRNA:CR44380	24.42768	-0.04383	0.299611	1	1
lncRNA:CR44379	0.272696	0.042244	0.616213	0.832444	1
lncRNA:CR44464	0.346774	-0.04453	0.618442	0.811314	1
asRNA:CR44375	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45322	39.66766	-0.08939	0.264071	1	1
asRNA:CR43730	10.44502	0.149488	0.41329	1	1
lncRNA:CR44373	35.69516	-1.26153	0.470848	0.100561	1
asRNA:CR44372	10.96131	0.298603	0.409599	1	1
asRNA:CR45143	0.137974	0.016718	0.607437	1	1
lncRNA:CR45020	83.96577	-0.1494	0.204494	1	1
lncRNA:CR44458	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR44371	9.700282	-0.00097	0.367466	1	1
lncRNA:CR44241	45.67462	0.166293	0.262713	1	1
asRNA:CR44370	3424.052	0.697529	0.09449	1	1
lncRNA:CR44463	0.681165	-0.0723	0.592196	0.739914	1
lncRNA:CR43830	21.17516	0.692755	0.490516	0.4501	1
lncRNA:CR45329	0.267221	0.029819	0.611184	0.934193	1
lncRNA:CR45277	0.615732	0.101485	0.632902	0.527679	1
lncRNA:CR44369	51.57574	0.418685	0.29732	1	1
asRNA:CR44367	0.442588	0.067327	0.62329	0.672689	1
lncRNA:CR45032	14.0948	0.35222	0.460465	0.789961	1
lncRNA:CR45031	3.300428	-0.13894	0.480701	0.966843	1
lncRNA:CR44366	9.999087	-0.004	0.379006	1	1
lncRNA:CR44365	0.462767	-0.05231	0.61305	0.779208	1

lncRNA:CR44343	50.19731	0.758518	0.341466	0.775772	1
lncRNA:CR45278	0.280869	-0.00449	0.605571	1	1
lncRNA:CR44339	2.779919	0.056133	0.468788	1	1
lncRNA:CR44461	8.034086	0.539218	0.638502	0.265392	1
asRNA:CR45141	1.08542	-0.01519	0.535841	1	1
asRNA:CR45140	7.37833	0.147638	0.410247	1	1
lncRNA:CR44453	14.32826	1.119883	0.80418	0.070307	1
asRNA:CR45137	0.428536	-0.02891	0.604251	0.958495	1
lncRNA:CR45266	0.613996	-0.01362	0.572696	1	1
lncRNA:CR45279	48.24256	1.234503	0.377271	0.126894	1
lncRNA:CR30055	34.23668	-0.35729	0.314267	1	1
lncRNA:CR44316	21.06073	0.351356	0.376683	1	1
asRNA:CR45271	4.031028	0.345999	0.667478	0.266715	1
lncRNA:CR44315	39.09226	0.130044	0.260031	1	1
lncRNA:CR45276	1.342973	-0.03078	0.530522	1	1
asRNA:CR45264	0.711868	-0.09722	0.582861	0.675173	1
lncRNA:CR44306	4.986204	0.015327	0.429697	1	1
lncRNA:CR45319	0.388891	0.019748	0.6056	1	1
lncRNA:CR44305	50.16418	0.031309	0.244269	1	1
lncRNA:CR45228	47.46956	0.175404	0.274745	1	1
lncRNA:CR44302	106.6552	0.381472	0.211645	1	1
asRNA:CR45136	0.632722	0.056189	0.574581	0.870873	1
asRNA:CR45133	0.832467	0.035753	0.550323	1	1
lncRNA:CR44298	0.840683	0.13953	0.639947	0.435668	1
lncRNA:CR44300	67.61112	-0.52767	0.27449	1	1
lncRNA:CR44299	3.974814	0.05183	0.441216	1	1
lncRNA:CR44295	69.78887	0.645758	0.287865	1	1
lncRNA:CR44452	7.777351	0.525916	0.644321	0.260895	1
lncRNA:CR44294	4.661759	0.020829	0.433339	1	1
asRNA:CR45135	10.24329	-0.12318	0.386264	1	1
lncRNA:CR45324	19.41648	0.510698	0.434229	0.763961	1
asRNA:CR45134	0.084946	0.016718	0.607437	1	1
asRNA:CR45467	3.519163	0.453285	0.779251	0.158612	1
lncRNA:CR45138	2.506007	-0.08021	0.489578	1	1
asRNA:CR44293	30.24385	0.201292	0.304015	1	1
asRNA:CR44205	25.71843	0.222346	0.313564	1	1
lncRNA:CR44292	7.886154	0.114131	0.398257	1	1
lncRNA:CR44285	0.274322	0.042431	0.616304	0.830953	1
asRNA:CR45281	86.61857	-0.16531	0.228388	1	1
asRNA:CR45132	0.60248	0.060568	0.587789	0.808131	1
lncRNA:CR44284	34.7037	0.351298	0.303793	1	1
lncRNA:CR44283	13.99054	-0.07131	0.343951	1	1
lncRNA:CR44273	18.03059	0.251776	0.35482	1	1
lncRNA:CR44278	27.62474	0.080476	0.314895	1	1
lncRNA:CR44281	4.607991	0.137494	0.447352	1	1
lncRNA:CR44279	142.0104	-0.66855	0.207082	1	1
lncRNA:CR44450	1.746311	0.083783	0.527575	0.915195	1
lncRNA:TS18	3.029378	0.235762	0.55766	0.521113	1
lncRNA:CR44448	9.457803	0.050428	0.394521	1	1
lncRNA:CR44447	5.952294	-0.09397	0.419721	1	1

lncRNA:CR44280	12.14408	0.302869	0.42926	0.986913	1
lncRNA:CR44445	9.310148	-0.15766	0.391678	1	1
lncRNA:CR45267	0.364551	0.029819	0.611184	0.934194	1
lncRNA:CR44272	2.438527	0.128806	0.525619	0.786611	1
asRNA:CR45108	0.631972	0.009043	0.577653	1	1
asRNA:CR45131	1.968281	0.029966	0.5039	1	1
lncRNA:CR44444	1.374398	-0.00085	0.523367	1	1
asRNA:CR45130	0.237764	-0.00449	0.605571	1	1
lncRNA:CR44204	22.50084	0.350073	0.35792	1	1
lncRNA:CR44202	1.891121	0.001349	0.497623	1	1
asRNA:CR45129	9.048884	-0.20089	0.423962	1	1
lncRNA:CR45280	1.670909	-0.05783	0.515349	1	1
lncRNA:CR44443	0.470608	0.047597	0.609162	0.818102	1
lncRNA:CR44171	14.09575	0.772485	0.601286	0.243408	1
lncRNA:CR44442	3.774354	0.033223	0.45413	1	1
lncRNA:CR45128	37.86359	0.283492	0.30531	1	1
lncRNA:CR45127	0.46208	-0.01556	0.595998	1	1
lncRNA:CR45472	1.378186	-0.08631	0.535641	0.874027	1
lncRNA:CR45471	5.313596	0.149855	0.45131	1	1
lncRNA:CR44809	1.391317	0.065122	0.538301	0.950251	1
lncRNA:CR45335	19.02306	0.72	0.540064	0.343803	1
lncRNA:CR44916	10.93195	0.010673	0.36505	1	1
lncRNA:CR44804	15.97542	0.79387	0.60544	0.231636	1
lncRNA:CR44803	17.37321	0.029482	0.338631	1	1
lncRNA:CR45704	0.254838	0.04167	0.61594	0.837012	1
lncRNA:CR45362	18.7293	0.707923	0.516279	0.390233	1
lncRNA:CR44920	102.8643	-0.20677	0.199475	1	1
lncRNA:CR44917	3.499224	0.05793	0.476439	1	1
lncRNA:CR44919	13.42669	0.321681	0.396342	1	1
lncRNA:CR44918	45.07556	0.306666	0.28209	1	1
lncRNA:CR44786	110.8322	0.390146	0.216461	1	1
lncRNA:CR43144	15.80064	-0.378	0.407489	1	1
lncRNA:CR44993	1.67727	-0.12952	0.558418	0.665105	1
lncRNA:CR42696	62.45231	0.561705	0.282758	1	1
lncRNA:CR44785	0.995309	-0.0043	0.530069	1	1
asRNA:CR45713	3.151011	-0.00982	0.444541	1	1
asRNA:CR44911	140.4051	0.094986	0.195045	1	1
lncRNA:CR45702	6.587794	0.045884	0.434367	1	1
lncRNA:CR44606	132.5539	0.391591	0.189818	1	1
lncRNA:CR45359	5.48688	-0.00193	0.407907	1	1
asRNA:CR44981	30.2475	-0.11801	0.290174	1	1
lncRNA:CR45360	2.180602	-0.04657	0.477213	1	1
lncRNA:CR44307	0.541633	-0.09283	0.634162	0.548628	1
lncRNA:CR45306	3.724733	0.11612	0.467411	1	1
lncRNA:CR43234	2.336541	0.244683	0.622357	0.368819	1
lncRNA:CR45004	35.68675	0.243061	0.285728	1	1
lncRNA:CR44980	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR40172	162.5002	0.322174	0.172676	1	1
lncRNA:CR44909	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45347	0.084946	0.016718	0.607437	1	1

lncRNA:CR45707	7.775661	-0.1136	0.418152	1	1
lncRNA:CR44908	2.375469	0.152257	0.522752	0.747371	1
lncRNA:CR45183	13.02971	0.109508	0.363837	1	1
lncRNA:CR44979	35.24987	0.275775	0.323711	1	1
lncRNA:CR44978	1.590618	0.117579	0.531331	0.792423	1
lncRNA:CR45455	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45723	1.912933	0.143624	0.545076	0.680371	1
lncRNA:CR45722	0.626508	-0.06334	0.578874	0.821571	1
lncRNA:CR45700	3.542867	0.741462	1.193263	0.045401	1
lncRNA:CR44977	2.293285	-0.08681	0.491284	1	1
lncRNA:CR44905	0.568136	-0.00279	0.583899	1	1
lncRNA:CR45292	0.851431	0.072289	0.569131	0.811452	1
lncRNA:CR44741	0.136348	0.016718	0.607437	1	1
lncRNA:CR44740	4.430136	0.096237	0.443109	1	1
lncRNA:CR44738	1.043091	-0.06826	0.570682	0.824318	1
lncRNA:CR44737	1.178519	0.049894	0.519334	1	1
lncRNA:CR44904	2.768976	0.083414	0.483684	1	1
lncRNA:CR44768	0.78574	0.061119	0.569235	0.862714	1
lncRNA:CR44903	98.67424	0.473287	0.22725	1	1
lncRNA:CR44488	17.71731	0.03344	0.326207	1	1
lncRNA:CR44487	20.45735	0.204546	0.356762	1	1
lncRNA:CR44486	87.06616	-0.20381	0.217383	1	1
lncRNA:CR45721	2.79797	-0.07531	0.478274	1	1
lncRNA:CR44695	1.401376	0.048378	0.533995	1	1
lncRNA:CR43353	4.847829	0.1405	0.473585	0.999463	1
lncRNA:CR43358	1.762291	-0.01887	0.528143	1	1
lncRNA:CR44696	0.929011	0.056502	0.573501	0.872597	1
lncRNA:CR44902	5.156773	0.344292	0.571119	0.428678	1
lncRNA:CR44901	13.88198	0.803969	0.621408	0.213794	1
asRNA:CR43413	9.460648	0.192343	0.406631	1	1
lncRNA:CR44900	68.15685	0.174261	0.230967	1	1
lncRNA:CR44478	1.461241	-0.05428	0.531638	1	1
lncRNA:CR44605	0.852544	-0.09969	0.601462	0.614183	1
lncRNA:CR44604	0.310326	0.029819	0.611184	0.934194	1
lncRNA:CR44767	8.780261	0.80514	0.75269	0.130856	1
lncRNA:CR44397	68.63927	-0.30599	0.235494	1	1
lncRNA:CR44398	58.72098	0.721969	0.290854	1	1
lncRNA:CR44399	4.814954	0.053985	0.42616	1	1
lncRNA:CR45699	12.98073	-0.1429	0.376055	1	1
lncRNA:CR44413	61.20541	0.767106	0.325238	0.816519	1
lncRNA:CR44412	228.0221	-0.01503	0.146766	1	1
lncRNA:CR45112	3.363571	0.042093	0.458251	1	1
lncRNA:CR45358	33.79173	0.353614	0.31018	1	1
lncRNA:CR45697	22.17909	-0.05739	0.310122	1	1
lncRNA:CR44409	5.719845	0.759228	1.03934	0.061927	1
lncRNA:CR44346	6.6623	1.118837	1.108022	0.038179	1
lncRNA:CR44345	0.509675	0.068716	0.631556	0.643144	1
lncRNA:CR43239	6.933202	0.0474	0.609367	0.818728	1
lncRNA:CR45696	1.589337	0.335008	0.789263	0.167457	1
lncRNA:CR45729	2.277634	0.067255	0.49434	1	1

lncRNA:CR44395	46.65758	0.904452	0.355238	0.495823	1
lncRNA:CR44396	318.1457	-0.46465	0.137616	1	1
lncRNA:CR43819	75.56525	0.585953	0.272915	1	1
lncRNA:CR45462	2.337747	0.30084	0.691999	0.251147	1
lncRNA:CR45357	0.900861	0.155691	0.670058	0.359378	1
lncRNA:CR45356	0.555684	0.009598	0.573108	1	1
lncRNA:CR44408	0.509675	0.068716	0.631556	0.643144	1
lncRNA:CR45285	25.11758	0.182661	0.314687	1	1
lncRNA:CR44393	3.337821	0.065764	0.475427	1	1
lncRNA:CR43053	55.42572	0.431596	0.275647	1	1
lncRNA:CR44392	0.794207	-0.06738	0.571464	0.825839	1
lncRNA:CR31781	151.1583	0.089154	0.191384	1	1
asRNA:CR44975	0.541218	-0.06092	0.583539	0.819175	1
lncRNA:CR45355	0.657426	-0.06348	0.602053	0.751604	1
lncRNA:CR43826	52.14335	0.033872	0.239424	1	1
lncRNA:CR44868	0.689411	-0.06458	0.601112	0.748995	1
lncRNA:CR44994	46.05061	0.581392	0.341253	1	1
lncRNA:CR44867	0.920647	0.035794	0.537234	1	1
lncRNA:CR44899	5.847669	-0.02692	0.407144	1	1
lncRNA:CR42791	8.572333	0.235908	0.42449	1	1
lncRNA:CR44736	6.421559	0.240827	0.45761	0.912924	1
lncRNA:CR45694	0.501329	0.070323	0.607521	0.703968	1
lncRNA:CR44735	72.6758	0.05809	0.221627	1	1
lncRNA:CR45368	0.662015	0.056626	0.59705	0.801244	1
lncRNA:CR44734	79.54232	-0.16317	0.216339	1	1
lncRNA:CR44871	22.96883	-0.02812	0.325304	1	1
lncRNA:CR44870	8.211413	0.19773	0.436001	1	1
lncRNA:CR44844	12.27482	0.200756	0.391478	1	1
asRNA:CR44866	7.00166	0.069047	0.410912	1	1
lncRNA:CR44974	1.747179	0.094942	0.525258	0.885066	1
lncRNA:CR45728	0.779198	-0.07535	0.588697	0.737397	1
lncRNA:CR44864	96.98654	0.651769	0.275209	1	1
lncRNA:CR45293	9.007632	0.399894	0.492949	0.629846	1
lncRNA:CR45353	50.42099	-0.3923	0.26833	1	1
lncRNA:CR44863	11.8494	0.259185	0.394494	1	1
lncRNA:CR44862	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR44861	40.68049	-0.19617	0.27464	1	1
lncRNA:CR44859	19.40797	0.661988	0.493615	0.465147	1
lncRNA:CR45349	13.00218	0.311431	0.409218	1	1
lncRNA:CR43357	1.069446	0.06653	0.562918	0.857553	1
lncRNA:CR45331	32.12291	0.307706	0.30842	1	1
lncRNA:CR45302	8.207564	0.314025	0.479789	0.737781	1
lncRNA:CR45727	1.813692	-0.09797	0.523474	0.882395	1
lncRNA:CR43805	6.223898	0.05062	0.570586	0.913125	1
lncRNA:CR44858	52.83676	-0.40295	0.294732	1	1
lncRNA:CR44856	22.30181	0.586996	0.413566	0.764039	1
lncRNA:CR44855	0.762796	-0.00389	0.561423	1	1
lncRNA:CR44854	1.146133	0.068389	0.549849	0.893833	1
lncRNA:CR44853	21.42047	0.047642	0.304106	1	1
lncRNA:CR45693	2.039691	0.172907	0.572779	0.54438	1

lncRNA:CR45303	83.40807	-0.28168	0.225073	1	1
lncRNA:CR44731	42.2803	-0.48211	0.309435	1	1
lncRNA:CR44730	5.327355	0.558825	0.732949	0.175421	1
lncRNA:CR45726	28.87552	1.141418	0.509693	0.142384	1
lncRNA:CR44732	60.43891	0.31094	0.250203	1	1
lncRNA:CR44851	1.898355	0.03368	0.476203	1	1
asRNA:CR44850	0.675254	0.07897	0.580532	0.74747	1
lncRNA:CR44729	5.973639	0.032481	0.406951	1	1
lncRNA:CR44216	10.72356	-0.05745	0.365618	1	1
lncRNA:CR44728	2.741182	-0.22262	0.555374	0.538895	1
lncRNA:CR44727	5.837789	0.101384	0.411276	1	1
asRNA:CR44849	3.063669	0.233458	0.550759	0.543201	1
lncRNA:CR44848	8.397783	0.233693	0.4366	1	1
asRNA:CR44847	0.410836	-0.00529	0.591907	1	1
lncRNA:CR44846	126.2995	0.284248	0.190129	1	1
lncRNA:CR44973	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45684	2.824464	-0.01737	0.477188	1	1
asRNA:CR45683	4.677732	0.073039	0.439783	1	1
asRNA:CR44600	5.840824	0.074734	0.410203	1	1
asRNA:CR44599	0.608861	-0.09444	0.616296	0.59009	1
lncRNA:CR45461	0.389319	-0.00449	0.605571	1	1
lncRNA:CR44971	6.621984	0.892601	0.916259	0.073448	1
lncRNA:CR44595	0.738028	0.024764	0.560241	1	1
lncRNA:CR44596	15.25318	-0.56909	0.469713	0.593953	1
lncRNA:CR44597	0.346774	-0.04453	0.618442	0.811314	1
lncRNA:CR44598	0.124722	-0.0258	0.610211	0.967585	1
lncRNA:CR45283	8.616948	0.040854	0.381515	1	1
lncRNA:CR44594	9.183781	0.409649	0.515002	0.55271	1
lncRNA:CR44593	19.08102	0.034684	0.321741	1	1
asRNA:CR44592	5.257528	0.16771	0.459753	1	1
lncRNA:CR44590	136.454	-0.06164	0.17515	1	1
lncRNA:CR44591	10.25814	0.469324	0.513691	0.527583	1
lncRNA:CR44587	1.479303	-0.00047	0.523423	1	1
lncRNA:CR44494	1.893063	0.321424	0.748381	0.196793	1
lncRNA:CR43681	126.5578	-0.00171	0.181919	1	1
lncRNA:CR45013	5.274426	0.019877	0.541814	1	1
lncRNA:CR44586	1.808387	0.106956	0.530027	0.827684	1
lncRNA:CR44481	0.395539	-0.06296	0.627788	0.680533	1
lncRNA:CR44585	3.717276	-0.064	0.446865	1	1
lncRNA:CR44480	0.450761	0.032667	0.60474	0.929651	1
lncRNA:CR44479	0.804289	0.081874	0.600536	0.676644	1
lncRNA:CR44497	35.5401	0.903543	0.397802	0.422231	1
lncRNA:CR45725	2.095167	0.00598	0.487134	1	1
lncRNA:CR44496	1.223625	0.054545	0.556198	0.938282	1
lncRNA:CR44493	112.4855	-0.3779	0.215404	1	1
lncRNA:CR44492	14.32519	-0.01426	0.346119	1	1
lncRNA:CR45724	1.685735	0.063074	0.529935	0.991059	1
lncRNA:CR44490	68.7132	-0.1163	0.233866	1	1
lncRNA:CR45454	2.165289	-0.13753	0.512605	0.820602	1
lncRNA:CR45453	0.134054	-0.0258	0.610211	0.967585	1

lncRNA:CR44581	35.89531	0.060061	0.266887	1	1
lncRNA:CR44582	72.73455	0.570168	0.250081	1	1
lncRNA:CR45692	1.28342	0.111212	0.558572	0.710631	1
lncRNA:CR44580	10.0169	0.105574	0.369506	1	1
lncRNA:CR45351	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR45375	24.12698	-0.58718	0.429416	0.707286	1
asRNA:CR44968	0.340754	-0.0258	0.610211	0.967581	1
lncRNA:CR44845	0.553258	-0.05609	0.590996	0.821869	1
lncRNA:CR44875	6.506938	0.37217	0.56512	0.432846	1
lncRNA:CR44874	7.191489	0.029735	0.405456	1	1
asRNA:CR44873	1.28431	0.075813	0.518316	0.983815	1
lncRNA:CR13130	0.084946	0.016718	0.607437	1	1
lncRNA:CR44701	1.323094	-0.13712	0.587276	0.562955	1
lncRNA:CR43404	1.582783	0.018507	0.525887	1	1
lncRNA:CR44802	1.50416	0.373081	0.886933	0.117575	1
lncRNA:CR42844	150.1811	0.519304	0.199665	1	1
lncRNA:CR45262	0.589228	0.014117	0.58199	1	1
lncRNA:CR44615	202.3322	0.551054	0.183676	1	1
lncRNA:CR44482	3.010588	0.105364	0.486844	1	1
lncRNA:CR44483	34.05993	0.826179	0.433837	0.445833	1
lncRNA:CR44352	7.865566	0.086245	0.386496	1	1
asRNA:CR45260	1.538443	0.023923	0.501307	1	1
lncRNA:CR45365	0.169892	0.02982	0.611184	0.934191	1
asRNA:CR44992	0.237764	-0.00449	0.605571	1	1
lncRNA:CR44991	8.391914	0.029036	0.389478	1	1
asRNA:CR45343	8.360389	0.202724	0.411087	1	1
asRNA:CR45257	5.986436	0.017496	0.414623	1	1
lncRNA:CR44825	0.863386	0.053364	0.551266	0.96086	1
lncRNA:CR44800	2.444137	-0.07703	0.489435	1	1
lncRNA:CR44799	1.893851	-0.08859	0.509921	0.972133	1
lncRNA:CR44610	1.862598	-0.13972	0.55619	0.650479	1
lncRNA:CR44612	1.76269	0.002032	0.49609	1	1
lncRNA:CR44611	93.53676	0.050949	0.219755	1	1
lncRNA:CR44326	35.22941	0.779999	0.407083	0.554755	1
lncRNA:CR44914	5.983145	0.526253	0.698895	0.20548	1
lncRNA:CR44915	1.250281	0.006358	0.511985	1	1
lncRNA:CR44913	3.462937	-0.14292	0.491795	0.903347	1
lncRNA:CR44776	1.61092	0.035821	0.509941	1	1
lncRNA:CR44775	13.27563	0.349978	0.462177	0.784342	1
lncRNA:CR45463	0.586731	-0.00967	0.564013	1	1
lncRNA:CR44778	114.0897	0.277818	0.214002	1	1
lncRNA:CR44777	134.5414	0.63627	0.200864	1	1
lncRNA:CR44823	19.5811	0.093629	0.322995	1	1
lncRNA:CR44824	117.9576	0.012603	0.186041	1	1
lncRNA:CR45719	1.674653	-0.07591	0.522326	0.966863	1
lncRNA:CR44773	1.589011	0.047014	0.510446	1	1
lncRNA:CR44820	0.626051	0.049188	0.572123	0.916352	1
lncRNA:CR45288	0.631972	0.009043	0.577653	1	1
asRNA:CR44987	3.279756	-0.05585	0.4577	1	1
lncRNA:CR44579	13.15041	0.085617	0.356346	1	1

lncRNA:CR44819	3.271451	0.077725	0.451067	1	1
lncRNA:CR44578	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR44821	0.838672	-0.0184	0.563402	1	1
lncRNA:CR45340	0.374112	0.018812	0.597956	1	1
lncRNA:CR44577	1.388124	0.015685	0.538324	1	1
lncRNA:CR44822	106.1093	0.109558	0.192031	1	1
lncRNA:CR44796	37.94708	0.882238	0.445094	0.371958	1
lncRNA:CR44576	2.469322	0.456735	0.899815	0.107818	1
asRNA:CR45009	0.744997	-0.02239	0.551475	1	1
lncRNA:CR44575	0.833258	0.049815	0.562313	0.943453	1
lncRNA:CR44794	45.13567	0.203655	0.274889	1	1
lncRNA:CR45502	17.22114	0.09523	0.32773	1	1
asRNA:CR31912	9.322424	0.537485	0.594569	0.327662	1
asRNA:CR44793	0.606778	0.024655	0.559138	1	1
lncRNA:CR45464	30.9562	0.415306	0.338356	1	1
lncRNA:CR45287	3.850918	0.143666	0.477165	0.973931	1
lncRNA:CR43715	0.753727	-0.0311	0.572677	1	1
lncRNA:CR44997	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR43962	0.268107	-0.04679	0.619605	0.793673	1
lncRNA:CR44745	51.1643	0.312667	0.265706	1	1
lncRNA:CR42850	1985.902	0.919894	0.105395	1	1
lncRNA:CR44711	0.475529	-0.0052	0.593302	1	1
lncRNA:CR44985	0.529918	0.038741	0.574749	0.970355	1
lncRNA:CR45082	0.268107	-0.04679	0.619605	0.793673	1
lncRNA:CR45730	0.816752	0.04085	0.560679	0.999307	1
lncRNA:CR44744	1.646616	0.058137	0.522737	1	1
asRNA:CR45305	1.610746	0.071798	0.504234	1	1
lncRNA:CR45291	1.057717	0.183926	0.639188	0.383981	1
asRNA:CR45611	0.414757	0.05006	0.60547	0.813807	1
asRNA:CR45612	0.140435	-0.00449	0.605571	1	1
lncRNA:CR45506	60.59889	-0.24791	0.239012	1	1
lncRNA:CR44609	13.4322	0.355768	0.429389	0.930795	1
asRNA:CR44431	1.895352	0.135388	0.522489	0.783892	1
lncRNA:CR44700	10.99875	0.189397	0.38607	1	1
lncRNA:CR44710	23.89566	0.319785	0.341842	1	1
lncRNA:CR44699	13.17779	-0.02484	0.352878	1	1
lncRNA:CR45059	0.517552	-0.08828	0.632556	0.566761	1
lncRNA:CR44698	10.19812	0.141432	0.387165	1	1
lncRNA:CR44697	3.32072	0.158269	0.495714	0.852901	1
asRNA:CR45466	1.109241	0.019268	0.534238	1	1
lncRNA:CR45296	15.86704	0.105814	0.340739	1	1
lncRNA:CR45295	8.822874	0.15472	0.412602	1	1
lncRNA:CR45294	21.86293	0.375455	0.410276	1	1
lncRNA:CR44058	37.2311	0.306313	0.288451	1	1
lncRNA:CR45465	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR45720	7.245183	-0.1705	0.429174	1	1
lncRNA:CR44608	2.606	0.070091	0.473331	1	1
asRNA:CR44984	1.317017	0.172431	0.61239	0.448292	1
lncRNA:CR44885	2.492097	-0.06326	0.475692	1	1
lncRNA:CR45344	21.4581	0.567065	0.450265	0.656199	1

asRNA:CR45501	1.071827	-0.22082	0.723327	0.246156	1
lncRNA:CR45449	0.339783	0.051812	0.621542	0.757899	1
lncRNA:CR44889	8.343926	-0.07253	0.389172	1	1
asRNA:CR44512	3.379466	-0.09491	0.466943	1	1
asRNA:CR44340	2.203726	0.159556	0.548062	0.640694	1
lncRNA:CR44983	17.16608	0.541088	0.44053	0.712543	1
lncRNA:CR43260	69.20171	-0.23561	0.228477	1	1
lncRNA:CR44311	0.374167	-0.05939	0.627555	0.699099	1
lncRNA:CR45711	7.679468	-0.11052	0.397133	1	1
lncRNA:CR45503	1.49891	-0.25074	0.740357	0.219832	1
lncRNA:CR44309	134.0794	0.854566	0.212574	1	1
asRNA:CR44841	0.268107	-0.04679	0.619605	0.793673	1
lncRNA:CR44308	327.4332	0.034931	0.138019	1	1
lncRNA:CR45513	18.23423	0.63101	0.487472	0.500946	1
lncRNA:CR45512	4.743198	0.135742	0.452405	1	1
lncRNA:CR45299	0.307866	0.047571	0.619003	0.79054	1
lncRNA:CR43928	0.134054	-0.0258	0.610211	0.967585	1
asRNA:TS15	13.44769	-0.28502	0.397355	1	1
lncRNA:CR43289	66.25816	0.051748	0.224655	1	1
lncRNA:CR45627	0.641385	-0.00018	0.568814	1	1
lncRNA:CR44485	8.008619	0.139523	0.410634	1	1
lncRNA:CR44484	26.29054	-0.03905	0.297173	1	1
lncRNA:CR45609	3.176161	-0.02734	0.459751	1	1
lncRNA:CR45706	9.743515	-0.07846	0.371025	1	1
lncRNA:CR45608	3.261462	-0.01554	0.44515	1	1
lncRNA:CR45338	8.956198	0.395758	0.51888	0.547573	1
lncRNA:CR45337	10.34597	0.314313	0.431286	0.963936	1
lncRNA:CR45336	17.92155	-0.04886	0.334371	1	1
lncRNA:CR45613	20.61457	-0.24916	0.351205	1	1
lncRNA:CR45622	143.5366	0.357975	0.18057	1	1
lncRNA:CR44772	0.134054	-0.0258	0.610211	0.967585	1
lncRNA:TS11	53.61558	-0.48823	0.288213	1	1
lncRNA:CR45605	0.888428	0.185147	0.680858	0.317086	1
lncRNA:CR44789	68.71533	-0.11408	0.226701	1	1
lncRNA:CR44790	6.638037	0.009197	0.393368	1	1
lncRNA:CR44691	0.346774	-0.04453	0.618442	0.811314	1
lncRNA:CR44607	13.0994	0.592246	0.529535	0.428418	1
lncRNA:CR44692	20.61936	0.820524	0.48919	0.358212	1
lncRNA:CR45286	55.00115	0.01194	0.235901	1	1
lncRNA:CR44754	2.124995	0.102377	0.512297	0.915938	1
lncRNA:CR44912	0.826631	0.012671	0.556604	1	1
lncRNA:CR44788	5.442975	0.31626	0.518085	0.59138	1
asRNA:CR45485	0.328713	-0.0258	0.610211	0.967581	1
lncRNA:CR44787	4.251656	0.002742	0.434398	1	1
asRNA:CR45000	0.499147	-0.05272	0.594579	0.829813	1
lncRNA:CR45290	0.405591	-0.02658	0.607957	0.966963	1
lncRNA:CR44384	14.76733	0.166855	0.367799	1	1
lncRNA:CR44808	0.461881	0.033368	0.60324	0.928536	1
lncRNA:CR45298	3.9016	-0.07031	0.443444	1	1
lncRNA:CR45526	0.370026	0.042244	0.616213	0.832447	1

asRNA:CR45712	6.604358	0.169132	0.43284	1	1
lncRNA:CR45695	0.09733	-0.00449	0.605571	1	1
lncRNA:CR44893	2.411865	0.376936	0.790254	0.16128	1
lncRNA:CR44603	13.98921	-0.19245	0.385594	1	1
lncRNA:CR44423	3.199586	-0.15159	0.573666	0.574532	1
lncRNA:CR44353	0.437999	-0.01251	0.59815	1	1
lncRNA:CR44888	1.112192	-0.00232	0.537104	1	1
lncRNA:CR45006	1.740222	0.208815	0.639112	0.363435	1
lncRNA:CR45346	47.73055	0.929955	0.397115	0.392007	1
asRNA:CR44429	2.139039	-0.09563	0.501503	0.986065	1
lncRNA:CR44664	2.105397	0.002082	0.506091	1	1
lncRNA:CR45261	11.72525	-0.10094	0.380924	1	1
lncRNA:CR45348	0.280869	-0.00449	0.605571	1	1
lncRNA:CR44430	17.76986	0.105699	0.32945	1	1
lncRNA:CR45345	11.50891	-0.09481	0.384215	1	1
lncRNA:CR45259	1.227133	0.182298	0.70588	0.28506	1
asRNA:CR44960	0.222052	-0.0258	0.610211	0.967583	1
lncRNA:CR44654	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR44614	86.80085	0.073507	0.20011	1	1
lncRNA:CR44988	21.51429	0.497571	0.401077	0.91619	1
lncRNA:CR44831	1.197722	0.169091	0.627452	0.421339	1
lncRNA:CR45369	1.056801	-0.06135	0.534329	0.982245	1
lncRNA:CR45522	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR44620	0.638336	-0.01837	0.566398	1	1
lncRNA:CR45521	22.44465	1.208131	0.626771	0.088048	1
lncRNA:CR44963	34.77616	0.466634	0.320713	1	1
lncRNA:CR43648	69.06278	0.324509	0.249823	1	1
lncRNA:CR44658	4.195798	-0.06136	0.436247	1	1
lncRNA:CR45018	23.97957	0.374443	0.376748	1	1
asRNA:CR45366	6.173503	0.00233	0.397218	1	1
lncRNA:CR44657	1.010525	0.187198	0.661068	0.344884	1
lncRNA:CR44655	0.291989	-0.00449	0.605571	1	1
lncRNA:CR43719	12.38465	0.12442	0.387513	1	1
lncRNA:CR42861	55.5911	-0.39565	0.276642	1	1
lncRNA:CR44619	0.843258	0.113575	0.591527	0.60354	1
asRNA:CR45621	1.50597	-0.09634	0.536998	0.83381	1
lncRNA:CR43961	5.000916	-0.19576	0.46894	0.918096	1
lncRNA:CR43157	826.3464	-0.0455	0.112269	1	1
lncRNA:roX2	23.73079	-0.29089	0.341003	1	1
asRNA:CR44266	14.08297	0.129221	0.351744	1	1
lncRNA:CR44765	11.48683	0.142393	0.380923	1	1
asRNA:CR45604	0.374112	0.018812	0.597956	1	1
asRNA:CR44358	216.2184	0.160645	0.160338	1	1
lncRNA:CR45614	14.06902	0.289528	0.396016	1	1
lncRNA:CR44524	0.437999	-0.01251	0.59815	1	1
lncRNA:CR45617	0.541633	-0.09283	0.634162	0.548628	1
lncRNA:CR44766	4.015737	0.130744	0.48395	0.9702	1
asRNA:CR45629	0.442588	0.067327	0.62329	0.672689	1
asRNA:CR44894	0.815955	-0.04745	0.552616	0.987636	1
lncRNA:CR42657	1814.599	0.191927	0.084449	1	1

lncRNA:CR45543	1.212784	-0.13457	0.610068	0.509887	1
lncRNA:CR45542	1.730776	0.073585	0.501215	1	1
lncRNA:CR44534	5.717395	-0.01239	0.490652	1	1
lncRNA:CR44517	1.572916	0.29552	0.798968	0.167356	1
lncRNA:CR45537	27.06312	-0.02711	0.301776	1	1
asRNA:CR45620	2.041632	-0.08473	0.508553	0.991914	1
lncRNA:CR43287	8.279317	0.25834	0.437931	0.993389	1
lncRNA:CR44502	6.215667	-0.2088	0.494895	0.776023	1
lncRNA:CR44501	1.991105	0.063078	0.625496	0.686469	1
lncRNA:CR43279	141.5602	-0.38161	0.196821	1	1
lncRNA:CR45534	13.03445	0.549638	0.527438	0.453744	1
lncRNA:CR44500	1.295759	-0.0965	0.556267	0.763055	1
lncRNA:CR45533	0.280869	-0.00449	0.605571	1	1
lncRNA:CR44357	1.158051	-0.0136	0.517965	1	1
lncRNA:CR45531	0.504986	0.040215	0.590119	0.917651	1
lncRNA:CR44895	30.72384	0.188445	0.299592	1	1
lncRNA:CR44817	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR45530	1.801325	-0.02265	0.494768	1	1
lncRNA:CR45519	5.583366	0.157833	0.452876	1	1
lncRNA:CR45668	0.499491	-0.07224	0.623129	0.651561	1
lncRNA:CR44471	2.670953	-0.28466	0.666155	0.285724	1
lncRNA:CR45529	0.909944	0.153794	0.649352	0.397961	1
lncRNA:CR45517	2.580994	0.005502	0.473349	1	1
lncRNA:CR44834	157.6393	0.934967	0.20107	0.804433	1
asRNA:CR45528	0.440708	-0.01443	0.586965	1	1
lncRNA:CR44833	3.691706	-0.13264	0.453149	1	1
lncRNA:CR42794	1.581621	-0.0348	0.51807	1	1
lncRNA:CR45515	3.551394	0.059981	0.449516	1	1
lncRNA:CR32773	1.315973	-0.25494	0.755138	0.206169	1
asRNA:CR45520	1.288314	0.054983	0.5249	1	1
lncRNA:CR45483	12.38151	0.49855	0.50818	0.528115	1
lncRNA:CR45482	23.65502	0.371562	0.343928	1	1
asRNA:CR45481	2.130247	-0.00255	0.494492	1	1
lncRNA:roX1	279.3531	-0.29069	0.152943	1	1
lncRNA:CR45102	11.48617	-0.12704	0.369901	1	1
lncRNA:CR44999	0.137974	0.016718	0.607437	1	1
lncRNA:CR44886	3.892248	0.055806	0.440466	1	1
lncRNA:CR45480	0.39283	-0.06247	0.627795	0.682912	1
asRNA:CR44690	1.363446	0.078932	0.542492	0.876225	1
asRNA:CR45479	1.698977	-0.02092	0.503076	1	1
asRNA:CR44382	0.65992	-0.06894	0.579764	0.792585	1
asRNA:CR43864	8.203906	-0.59127	0.640793	0.252023	1
lncRNA:CR44469	0.182276	0.016717	0.607437	1	1
lncRNA:CR44966	0.140435	-0.00449	0.605571	1	1
lncRNA:CR44965	0.395539	-0.06296	0.627788	0.680533	1
lncRNA:CR45475	0.32025	0.036891	0.611351	0.882187	1
lncRNA:CR45474	1.828568	0.035821	0.500891	1	1
asRNA:CR44892	2.811086	-0.2287	0.603546	0.414842	1
lncRNA:CR44752	29.30623	0.530419	0.410156	0.840139	1
lncRNA:CR44751	19.48665	0.280824	0.360268	1	1

lncRNA:CR45473	12.45639	-0.09582	0.355881	1	1
asRNA:CR44030	10.50821	-0.26566	0.432904	1	1
lncRNA:CR45201	5.289713	0.224074	0.473265	0.856567	1
asRNA:CR44029	5.705544	-0.16387	0.44136	1	1
lncRNA:CR45200	1.535329	-0.08769	0.521127	0.927323	1
lncRNA:CR45199	37.04821	0.222493	0.280836	1	1
asRNA:CR45126	2.147954	0.062357	0.490087	1	1
lncRNA:CR44441	0.275948	0.042618	0.616394	0.829472	1
asRNA:CR45198	0.209668	-0.00449	0.605571	1	1
lncRNA:CR44440	0.475529	-0.0052	0.593302	1	1
asRNA:CR45124	0.124722	-0.0258	0.610211	0.967585	1
lncRNA:CR44036	55.93108	0.733176	0.310059	0.943436	1
lncRNA:CR44135	0.437999	-0.01251	0.59815	1	1
asRNA:CR44137	2.477999	0.023111	0.481771	1	1
lncRNA:CR44230	30.28023	0.170788	0.28754	1	1
asRNA:CR44018	0.268107	-0.04679	0.619605	0.793673	1
asRNA:CR44192	0.825701	-0.10446	0.601957	0.599151	1
asRNA:CR44035	1.655699	0.038992	0.505989	1	1
asRNA:CR44020	43.94122	-1.0823	0.448044	0.203955	1
lncRNA:CR43685	102.5407	0.106021	0.197131	1	1
lncRNA:CR42651	0.681238	-0.00071	0.56667	1	1
lncRNA:CR44017	35.80505	0.048703	0.453195	1	1
asRNA:CR44093	1.940216	-0.10245	0.504871	0.948856	1
lncRNA:CR44103	3.088285	-0.30667	0.661632	0.28425	1
lncRNA:CR44157	65.03012	0.923653	0.338387	0.497304	1
lncRNA:CR44156	84.10985	1.261968	0.296369	0.108401	1
asRNA:CR44155	9.365286	-0.0611	0.374898	1	1
lncRNA:CR40053	76.25504	0.792914	0.283912	0.917092	1
lncRNA:CR43942	303.0314	0.39247	0.14907	1	1
lncRNA:CR43941	97.21039	0.364952	0.205796	1	1
lncRNA:CR43967	1.666813	-0.18209	0.599924	0.464537	1
lncRNA:CR43995	1.258433	-0.09181	0.554656	0.784499	1
lncRNA:CR43878	76.16679	0.500856	0.262398	1	1
lncRNA:CR44043	1.051109	0.047124	0.555212	0.980942	1
lncRNA:CR43888	1.764828	0.457328	0.969985	0.088206	1
lncRNA:CR44042	3.424208	0.019895	0.443913	1	1
lncRNA:CR43978	2.957896	0.089765	0.511775	0.959884	1
lncRNA:CR44091	53.95848	-0.34346	0.270989	1	1
lncRNA:CR44041	79.98987	-0.08461	0.216124	1	1
lncRNA:CR43977	24.62485	-0.0304	0.310129	1	1
lncRNA:CR44136	38.4649	0.205477	0.277002	1	1
lncRNA:CR43940	137.737	-0.65003	0.204649	1	1
asRNA:CR44046	0.986174	0.018882	0.546471	1	1
lncRNA:CR43939	335.5222	0.852204	0.196983	1	1
lncRNA:CR43929	5.478441	0.452398	0.666471	0.247904	1
lncRNA:CR44022	16.02678	0.665624	0.528952	0.391554	1
lncRNA:CR43930	6.345398	-0.15603	0.422565	1	1
lncRNA:CR43706	4.26785	0.272024	0.508807	0.654677	1
lncRNA:CR43644	0.237764	-0.00449	0.605571	1	1
lncRNA:CR43643	0.268107	-0.04679	0.619605	0.793673	1

lncRNA:CR43945	4.687281	0.973084	1.287961	0.032712	1
lncRNA:CR43943	5.403295	-0.07579	0.421069	1	1
lncRNA:CR43847	153.8436	-0.29558	0.176037	1	1
asRNA:CR44179	13.68319	0.077622	0.356596	1	1
asRNA:CR43875	0.219	-0.00449	0.605571	1	1
lncRNA:CR44092	0.488077	0.020234	0.575496	1	1
asRNA:CR43872	2.548829	0.045015	0.474425	1	1
asRNA:CR44052	2.023062	-0.01617	0.498252	1	1
asRNA:CR43889	15.18062	-0.16131	0.34647	1	1
lncRNA:CR44226	26.32083	0.397151	0.405537	1	1
lncRNA:CR44225	163.6666	0.217305	0.181576	1	1
lncRNA:CR43966	15.03708	-0.35074	0.409716	1	1
lncRNA:CR43655	11.76898	-0.18048	0.377177	1	1
lncRNA:CR43654	2.635263	0.19958	0.542184	0.603984	1
asRNA:CR44062	1.433912	0.056699	0.51989	1	1
lncRNA:CR43985	9.383808	0.833563	0.824754	0.100662	1
lncRNA:CR43987	3.252955	0.297306	0.60828	0.36915	1
lncRNA:CR43874	104.3994	1.088096	0.254098	0.312819	1
lncRNA:CR43870	52.177	-0.4017	0.290006	1	1
lncRNA:CR44034	144.1083	-0.15448	0.171304	1	1
lncRNA:CR43951	3.723894	-0.10477	0.480997	1	1
lncRNA:CR44050	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR43653	1.843776	-0.16112	0.553372	0.620516	1
lncRNA:CR44051	2.673098	0.105051	0.67417	0.422476	1
lncRNA:CR44033	17.23926	-0.62945	0.511587	0.446709	1
lncRNA:CR43992	3.033787	0.075131	0.463683	1	1
asRNA:CR43971	15.03168	-0.44441	0.445019	0.77982	1
lncRNA:CR43973	3.512742	0.141545	0.477684	0.976089	1
lncRNA:CR43911	0.169892	0.02982	0.611184	0.934191	1
asRNA:CR44047	1.331338	-0.08139	0.524501	0.936645	1
lncRNA:CR43913	1.46519	0.282349	0.802407	0.167103	1
asRNA:CR43868	42.92051	0.512194	0.337188	1	1
asRNA:CR44160	1.543103	0.093903	0.511929	0.945034	1
asRNA:CR44238	2.115013	0.664526	1.222154	0.044289	1
lncRNA:CR43994	6.548249	0.040702	0.60545	0.872239	1
lncRNA:iab8	4.923949	0.286172	0.549368	0.511005	1
lncRNA:CR43887	0.949251	0.054303	0.549319	0.962679	1
lncRNA:CR43989	6.148073	-0.05259	0.403941	1	1
lncRNA:CR43990	30.05748	0.699856	0.398566	0.67915	1
lncRNA:CR43953	7.818366	0.084504	0.395634	1	1
lncRNA:CR43974	131.2559	-0.56632	0.217121	1	1
lncRNA:CR43884	16.78402	0.554196	0.451709	0.662509	1
lncRNA:CR44133	1.438051	-0.10605	0.552772	0.745364	1
lncRNA:CR43881	114.8599	-0.65055	0.230911	1	1
asRNA:CR44095	1.714549	0.17074	0.568533	0.559423	1
lncRNA:CR43882	108.2844	1.184789	0.241692	0.16881	1
lncRNA:CR44177	2.356676	0.072933	0.48103	1	1
lncRNA:CR43879	0.169892	0.02982	0.611184	0.934191	1
asRNA:CR44176	89.7715	0.911793	0.260805	0.697527	1
asRNA:CR43916	0.744997	-0.02239	0.551475	1	1

asRNA:CR44237	2.282658	-0.03302	0.473583	1	1
lncRNA:CR43932	3.006169	-0.00037	0.481229	1	1
snmRNA:CR43701	1.033612	-0.05374	0.547499	0.971783	1
lncRNA:CR43794	1.051308	-0.00096	0.538184	1	1
lncRNA:CR43641	2.126474	0.040967	0.484035	1	1
lncRNA:CR43848	16.00408	-0.10095	0.335814	1	1
lncRNA:CR43883	0.650115	-0.01532	0.577622	1	1
lncRNA:CR43793	0.75912	0.036144	0.574814	0.986526	1
lncRNA:CR44138	3.975998	0.137376	0.461401	1	1
lncRNA:CR43785	246.2849	0.102479	0.151194	1	1
lncRNA:CR43792	9.041197	0.349738	0.464243	0.775624	1
lncRNA:CR44236	55.57435	-1.30468	0.386889	0.08955	1
lncRNA:CR43334	3.441892	0.201228	0.512194	0.712511	1
asRNA:CR43735	1.854565	-0.05697	0.488818	1	1
lncRNA:CR44234	0.124722	-0.0258	0.610211	0.967585	1
lncRNA:CR43984	0.370026	0.042244	0.616213	0.832447	1
lncRNA:CR44232	0.509675	0.068716	0.631556	0.643144	1
lncRNA:CR43969	11.92939	0.096564	0.378563	1	1
lncRNA:CR43983	13.26	0.14433	0.36241	1	1
lncRNA:CR43988	21.23565	-0.02554	0.325937	1	1
lncRNA:CR44231	29.5499	0.369163	0.316998	1	1
asRNA:CR43787	0.307866	0.047571	0.619003	0.79054	1
lncRNA:CR44213	0.530786	0.084679	0.626577	0.594554	1
lncRNA:CR44212	15.99336	-0.05902	0.327229	1	1
lncRNA:CR44039	3.001745	0.168749	0.502597	0.802272	1
asRNA:CR43964	0.084946	0.016718	0.607437	1	1
Uhg1	153.7428	-0.46854	0.184134	1	1
lncRNA:CR43661	0.613996	-0.01362	0.572696	1	1
lncRNA:CR43650	13.56375	-0.12518	0.363563	1	1
asRNA:CR43898	4.973671	0.438221	0.666443	0.250256	1
lncRNA:CR43811	10.23441	0.115692	0.395719	1	1
lncRNA:CR43810	216.0802	-0.343	0.156397	1	1
lncRNA:CR43918	51.04485	0.387547	0.27235	1	1
asRNA:CR43469	0.084946	0.016718	0.607437	1	1
lncRNA:CR43909	330.3817	0.984745	0.184712	0.664346	1
lncRNA:CR43900	1.104351	-0.08151	0.56351	0.792114	1
lncRNA:CR43907	8.523753	1.083901	0.938681	0.054982	1
lncRNA:CR43771	12.95454	-0.31937	0.439637	0.916635	1
asRNA:CR43948	115.4218	-1.22729	0.2372	0.121345	1
lncRNA:CR44208	438.8275	-0.25843	0.136275	1	1
asRNA:CR44207	129.7099	0.529296	0.202907	1	1
asRNA:CR44069	1.308486	0.039909	0.505538	1	1
lncRNA:CR43651	1.12518	-0.08479	0.564688	0.775665	1
lncRNA:CR44068	142.9428	0.4236	0.182736	1	1
lncRNA:CR44209	1.448226	0.193149	0.631745	0.38888	1
asRNA:CR43723	5.936331	-0.17987	0.430025	1	1
lncRNA:CR44203	48.44788	0.765084	0.367628	0.681323	1
asRNA:CR44201	70.15521	0.081794	0.224919	1	1
lncRNA:CR44200	0.437999	-0.01251	0.59815	1	1
lncRNA:CR44170	67.26714	1.13398	0.316472	0.22302	1

lncRNA:CR44166	6.841397	0.186771	0.448352	1	1
asRNA:CR44165	11.26384	0.047141	0.352608	1	1
lncRNA:CR44164	17.31399	0.193857	0.360435	1	1
lncRNA:CR43905	450.135	0.773333	0.143128	1	1
lncRNA:CR44161	60.45552	0.170454	0.238468	1	1
lncRNA:CR44131	562.0788	-0.24544	0.110725	1	1
asRNA:CR44130	8.849415	0.210261	0.426494	1	1
lncRNA:CR44127	4.984663	0.281313	0.519593	0.608533	1
lncRNA:CR44126	22.64558	0.541225	0.421153	0.784554	1
lncRNA:CR44125	40.87689	0.396444	0.315961	1	1
lncRNA:CR42646	17.41851	-0.19427	0.343923	1	1
lncRNA:CR41443	293.5555	0.129689	0.143078	1	1
lncRNA:CR44105	202.1489	-0.8381	0.18124	1	1
lncRNA:CR44100	0.568936	0.061136	0.57922	0.831312	1
lncRNA:CR43765	0.607891	0.011852	0.580002	1	1
lncRNA:CR33987	52.08956	-0.18002	0.24471	1	1
lncRNA:CR44217	106.9893	0.530206	0.239326	1	1
lncRNA:CR43762	20.30453	0.985802	0.58546	0.173274	1
lncRNA:CR44056	25.38066	-0.21849	0.315901	1	1
asRNA:CR43809	1.829904	0.088566	0.510444	0.969909	1
lncRNA:CR44146	0.19466	-0.00449	0.605571	1	1
lncRNA:CR44187	1.272434	0.038243	0.53621	1	1
lncRNA:CR43827	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR43828	0.919633	-0.08302	0.584054	0.720875	1
lncRNA:CR44184	0.853728	-0.00721	0.565242	1	1
lncRNA:CR43839	167.3574	-0.02567	0.169459	1	1
lncRNA:CR43804	70.47521	-0.20907	0.228381	1	1
lncRNA:CR44191	50.1285	-0.6632	0.33499	0.971606	1
lncRNA:CR43802	112.7696	0.772224	0.26526	1	1
lncRNA:CR44189	8.757191	0.189053	0.427205	1	1
lncRNA:CR44151	0.280869	-0.00449	0.605571	1	1
lncRNA:CR43700	2.308589	0.306969	0.747689	0.200177	1
lncRNA:CR43840	0.619389	0.079821	0.61591	0.641219	1
lncRNA:CR43825	2.024532	0.194084	0.618681	0.412622	1
lncRNA:CR43803	385.6463	0.205663	0.145583	1	1
lncRNA:CR43763	144.5588	0.435984	0.199962	1	1
lncRNA:CR43761	67.9559	0.089301	0.251334	1	1
lncRNA:CR43764	28.9305	-0.31458	0.313917	1	1
lncRNA:CR43682	57.2461	0.545403	0.326328	1	1
lncRNA:CR44196	89.83489	1.338284	0.272546	0.058833	1
lncRNA:CR43854	32.95927	0.088438	0.294439	1	1
lncRNA:CR43853	54.45851	0.614599	0.306345	1	1
lncRNA:CR43856	1.860387	-0.06684	0.511949	1	1
lncRNA:CR43640	95.69956	1.066052	0.268384	0.34343	1
lncRNA:CR43639	275.2594	-0.00055	0.142891	1	1
asRNA:CR44083	8.279662	0.592034	0.627362	0.267723	1
lncRNA:CR44199	3.828837	0.334874	0.616644	0.341421	1
lncRNA:CR44198	4.397857	0.01687	0.552785	1	1
lncRNA:CR44197	1.397631	0.105644	0.560277	0.720873	1
lncRNA:CR43818	109.1206	0.132834	0.200389	1	1

lncRNA:CR43051	8.18316	-0.10481	0.411948	1	1
lncRNA:CR43937	1.088117	-0.04592	0.558124	0.978253	1
asRNA:CR44144	0.648601	-0.00737	0.563308	1	1
lncRNA:CR44143	93.7888	0.03127	0.200626	1	1
lncRNA:CR43721	18.54458	0.404422	0.400851	1	1
asRNA:CR44182	120.3639	-0.37796	0.189839	1	1
lncRNA:CR43859	3.69394	-0.07415	0.466291	1	1
lncRNA:CR43807	81.36861	1.202629	0.289823	0.155912	1
lncRNA:CR44180	17.36519	0.440598	0.412801	0.924585	1
asRNA:CR44224	18.00167	0.285483	0.365753	1	1
asRNA:CR43683	7.22786	-0.29645	0.472953	0.781832	1
Uhg2	33.60305	-0.36893	0.320957	1	1
lncRNA:CR43766	103.9916	0.493309	0.21647	1	1
lncRNA:CR44150	1.344423	0.246657	0.695815	0.265214	1
lncRNA:CR44149	0.222052	-0.0258	0.610211	0.967583	1
lncRNA:CR43769	0.33439	-0.02249	0.607958	0.999153	1
asRNA:CR43865	23.59889	1.315254	0.545547	0.073702	1
lncRNA:CR43855	2.165687	0.182868	0.55053	0.597532	1
lncRNA:CR43752	1.82514	0.037441	0.527346	1	1
lncRNA:CR44121	0.335094	-0.00449	0.605571	1	1
lncRNA:CR44120	0.140435	-0.00449	0.605571	1	1
asRNA:CR44119	11.84614	0.028131	0.365927	1	1
asRNA:CR44116	2.95182	-0.06396	0.473662	1	1
lncRNA:CR44082	9.570184	0.506862	0.576543	0.367615	1
lncRNA:CR43857	2.257273	-0.18523	0.563754	0.554011	1
lncRNA:CR44081	196.0862	-0.57261	0.16581	1	1
lncRNA:CR43801	0.943487	0.164387	0.657474	0.371603	1
asRNA:CR43866	7.913451	-0.13965	0.420345	1	1
asRNA:CR43926	9.426385	0.734538	0.665441	0.1965	1
lncRNA:CR43808	0.762796	-0.00389	0.561423	1	1
lncRNA:CR43713	0.140435	-0.00449	0.605571	1	1
asRNA:CR43820	9.165336	-0.00791	0.377894	1	1
lncRNA:CR44080	1.846178	-0.06624	0.530506	0.974803	1
lncRNA:CR44059	88.9519	0.606357	0.25909	1	1
lncRNA:CR44078	1.696251	0.090453	0.527274	0.892263	1
lncRNA:CR44077	1.729696	-0.01003	0.53658	1	1
lncRNA:CR44076	1.503611	-0.10382	0.574981	0.678938	1
lncRNA:CR43704	2.857571	-0.05996	0.482059	1	1
lncRNA:CR43753	157.3093	-0.0293	0.167521	1	1
lncRNA:CR42859	623.1359	0.108934	0.110138	1	1
lncRNA:CR43821	164.767	0.116044	0.186992	1	1
asRNA:CR44115	8.140793	0.448728	0.533043	0.484369	1
lncRNA:CR43852	48.98075	-0.32732	0.280099	1	1
asRNA:CR44114	3.137981	0.868505	1.322417	0.033178	1
lncRNA:CR44113	0.444104	-0.04872	0.613025	0.800408	1
asRNA:CR44065	0.134054	-0.0258	0.610211	0.967585	1
lncRNA:CR44112	83.36324	-0.26124	0.219063	1	1
lncRNA:CR44066	17.33049	0.352457	0.382725	1	1
lncRNA:CR43754	10.52829	0.023721	0.547335	1	1
lncRNA:CR43751	1.302515	0.209148	0.670292	0.315733	1

lncRNA:CR44055	173.9381	0.95204	0.230085	0.666721	1
lncRNA:CR44075	30.03945	-0.09952	0.293492	1	1
lncRNA:CR44074	1.403261	0.031778	0.554786	1	1
lncRNA:CR44073	92.47871	0.265505	0.217979	1	1
asRNA:CR44064	22.36924	0.013814	0.310585	1	1
lncRNA:CR44061	14.1856	0.343361	0.432239	0.929144	1
lncRNA:CR44060	3.358896	0.034175	0.440852	1	1
lncRNA:CR43649	15.2297	0.285639	0.412964	1	1
lncRNA:CR43717	79.48984	-0.77808	0.266471	1	1
lncRNA:CR43718	57.8147	0.370388	0.279421	1	1
lncRNA:CR44218	19.85489	0.172012	0.336229	1	1
lncRNA:CR44221	30.58955	0.001495	0.282463	1	1
lncRNA:CR44222	29.87482	0.112092	0.299442	1	1
lncRNA:CR44220	9.382233	-0.15134	0.388357	1	1
lncRNA:CR41352	0.663367	0.021341	0.578243	1	1
lncRNA:CR43656	218.1462	0.177426	0.152785	1	1
lncRNA:CR44109	88.07019	-0.00169	0.212064	1	1
lncRNA:CR43838	0.249444	-0.04453	0.618442	0.811316	1
lncRNA:CR43862	0.548977	-0.05715	0.607938	0.766975	1
asRNA:CR43842	20.91495	0.046527	0.3306	1	1
asRNA:CR44124	0.378199	-0.00451	0.605339	1	1
lncRNA:CR44026	14.49477	0.16908	0.365004	1	1
lncRNA:CR43768	59.97148	0.143485	0.249846	1	1
lncRNA:CR44129	0.797157	-0.09145	0.583725	0.691536	1
asRNA:CR44053	1.469576	0.019792	0.514326	1	1
lncRNA:CR44110	31.80236	0.088208	0.286466	1	1
asRNA:CR43833	4.028935	0.151647	0.472368	0.981086	1
lncRNA:CR43963	10.16615	0.262583	0.420597	1	1
asRNA:CR44054	0.084946	0.016718	0.607437	1	1
asRNA:CR43959	3.338439	-0.07672	0.453389	1	1
lncRNA:CR43899	1.505404	0.081716	0.535872	0.89038	1
lncRNA:CR44016	39.42923	0.078415	0.261551	1	1
lncRNA:CR43836	2.682013	-0.01893	0.477598	1	1
lncRNA:CR44111	4.455383	0.036973	0.429281	1	1
lncRNA:CR43834	1.027425	0.134058	0.622772	0.481385	1
lncRNA:CR43835	23.72942	1.457104	0.74157	0.036716	1
lncRNA:CR43837	11.49314	-0.12438	0.368024	1	1
lncRNA:CR43832	1.901932	0.087929	0.502765	1	1
asRNA:CR43906	0.471496	-0.06712	0.622204	0.6767	1
lncRNA:CR43863	55.02899	-0.03772	0.241662	1	1
lncRNA:sphinx	1.213979	0.028876	0.513752	1	1
lncRNA:CR43958	1.125396	-0.16069	0.625044	0.436393	1
lncRNA:CR44024	0.124722	-0.0258	0.610211	0.967585	1
asRNA:CR44027	159.9021	0.178871	0.176468	1	1
snoRNA:CD-24	0.124722	-0.0258	0.610211	0.967585	1
asRNA:CR43957	8.346452	0.017864	0.405278	1	1
lncRNA:CR40719	1.209503	0.014509	0.525357	1	1
Su(Ste):CR41533	0.136348	0.016718	0.607437	1	1
lncRNA:CR43436	99.44107	1.295498	0.275978	0.082328	1
lncRNA:CR34046	1.417635	-0.03336	0.51538	1	1

lncRNA:CR43458	1.121245	0.01975	0.532175	1	1
lncRNA:CR34024	12.7672	1.366	0.762466	0.04516	1
lncRNA:CR43126	18.19396	0.124453	0.333827	1	1
asRNA:CR43259	0.364551	0.029819	0.611184	0.934194	1
lncRNA:CR43634	11.63788	-0.84449	0.773342	0.116607	1
lncRNA:CR43633	2.500258	0.272095	0.69103	0.261063	1
asRNA:CR43476	15.22309	0.065618	0.340297	1	1
lncRNA:CR43632	11.59381	1.031995	0.784462	0.086094	1
lncRNA:CR43457	2.73919	-0.76187	1.30889	0.035851	1
lncRNA:CR43456	2.398316	0.406937	0.854135	0.127795	1
lncRNA:CR31451	39.04191	-0.32723	0.370615	1	1
asRNA:CR43454	0.279605	0.016717	0.607437	1	1
mir-4953	0.33439	-0.02249	0.607958	0.999153	1
asRNA:CR43474	0.610185	0.060877	0.587248	0.808196	1
mir-998	0.310326	0.029819	0.611184	0.934194	1
mir-995	0.988994	-0.11034	0.576754	0.654974	1
lncRNA:CR43452	1.051732	-0.05063	0.556423	0.958013	1
lncRNA:CR43282	169.5934	-0.53319	0.20207	1	1
lncRNA:CR43258	73.44134	0.166493	0.226358	1	1
lncRNA:CR43451	103.7459	1.34255	0.269116	0.055882	1
lncRNA:CR43490	0.629004	-0.01535	0.578359	1	1
lncRNA:CR43489	1.648355	0.095527	0.563891	0.740477	1
lncRNA:CR43617	0.267221	0.029819	0.611184	0.934193	1
asRNA:CR43472	3.549532	-0.30698	0.58687	0.407861	1
asRNA:CR43471	1.713947	0.088021	0.524025	0.914129	1
asRNA:CR43460	0.360894	0.05287	0.622219	0.749864	1
lncRNA:CR43300	3.975323	-0.11012	0.448797	1	1
lncRNA:CR34044	1.08495	-0.19369	0.670716	0.325473	1
asRNA:CR17025	0.134054	-0.0258	0.610211	0.967585	1
lncRNA:CR31386	7.174023	1.038173	1.030891	0.048302	1
scaRNA:PsiU1-6	0.459058	0.050428	0.589446	0.857711	1
lncRNA:CR43301	3.936917	-0.03309	0.435902	1	1
asRNA:CR31429	3.07178	0.33042	0.671827	0.265413	1
lncRNA:CR43303	18.43386	1.335985	0.662198	0.057404	1
lncRNA:CR43302	0.692837	0.023121	0.575384	1	1
scaRNA:MeU2-C41	0.438083	-0.02798	0.604062	0.965871	1
lncRNA:CR43435	49.92256	-0.06123	0.248262	1	1
lncRNA:CR42721	2.002315	0.160198	0.568656	0.574871	1
lncRNA:CR43487	27.75519	0.380802	0.347224	1	1
snoRNA:Pi4KIIalpha-a	0.136348	0.016718	0.607437	1	1
snRNA:U4atac	0.084946	0.016718	0.607437	1	1
lncRNA:CR43635	5.248883	-0.20722	0.465771	0.916814	1
lncRNA:CR43424	180.5751	0.719488	0.192963	1	1
asRNA:CR43426	90.31903	0.260624	0.208931	1	1
lncRNA:CR43270	8.582961	0.545504	0.571955	0.363916	1
lncRNA:CR43309	35.07474	1.277476	0.470722	0.094435	1
lncRNA:CR32027	13.34042	-0.43693	0.471365	0.683393	1
mir-193	0.555684	0.009598	0.573108	1	1
lncRNA:CR43306	498.5426	-0.52849	0.128832	1	1
lncRNA:CR32194	2.415808	0.029505	0.493688	1	1

mir-33	0.377134	-0.02717	0.609019	0.95987	1
asRNA:CR43433	115.9103	0.241564	0.189598	1	1
lncRNA:CR32160	0.335094	-0.00449	0.605571	1	1
asRNA:CR43159	40.19267	0.648012	0.349335	0.935699	1
lncRNA:CR43625	61.72018	0.445897	0.270416	1	1
lncRNA:CR43432	0.39283	-0.06247	0.627795	0.682912	1
lncRNA:CR43431	1.955453	0.049639	0.488225	1	1
lncRNA:CR43612	18.13935	0.446256	0.934119	0.098167	1
mir-956	1.682199	-0.18137	0.581529	0.509978	1
asRNA:CR43470	0.084946	0.016718	0.607437	1	1
snmRNA:CR43603	0.169892	0.02982	0.611184	0.934191	1
lncRNA:CR34047	1.777689	0.025302	0.518272	1	1
lncRNA:CR43627	190.2378	0.565325	0.213887	1	1
asRNA:CR32252	182.2323	0.497626	0.176141	1	1
lncRNA:CR43485	197.5943	0.920207	0.197364	0.871777	1
lncRNA:CR43484	86.89521	-1.31723	0.303711	0.076699	1
asRNA:CR42860	1.099416	-0.06932	0.556008	0.868273	1
scaRNA:MeU2-48	0.19466	-0.00449	0.605571	1	1
snoRNA:CG32479-a	1.37556	0.064849	0.532719	0.972456	1
snoRNA:CG32479-b	0.19466	-0.00449	0.605571	1	1
mir-4985	1.103266	0.037054	0.539679	1	1
snoRNA:Tudor-SN-a	1.095625	-0.11229	0.578181	0.645442	1
lncRNA:CR42862	1560.86	-0.10565	0.112461	1	1
asRNA:CR43466	37.36469	0.528819	0.333604	1	1
asRNA:CR43257	2.310617	0.147776	0.542966	0.679644	1
asRNA:CR30267	32.76564	-0.09917	0.284323	1	1
lncRNA:CR43422	57.77875	-1.00456	0.335531	0.376532	1
mir-7	0.146094	-0.0258	0.610211	0.967585	1
mir-992	0.656541	0.040717	0.589256	0.916852	1
mir-4983	0.222052	-0.0258	0.610211	0.967583	1
snoRNA:hts-a	0.638133	-0.00063	0.569052	1	1
lncRNA:CR43399	89.07618	0.629904	0.250446	1	1
lncRNA:CR43418	1.191726	-0.04088	0.537112	1	1
lncRNA:CR30121	0.937609	-0.0248	0.54764	1	1
snoRNA:Dek-a	0.124722	-0.0258	0.610211	0.967585	1
lncRNA:CR43417	21.49694	-0.25075	0.336338	1	1
lncRNA:CR43416	60.67984	0.111601	0.235811	1	1
asRNA:CR43429	0.140435	-0.00449	0.605571	1	1
lncRNA:CR43622	38.63342	0.01666	0.267198	1	1
scaRNA:PsiU5-44	2.68103	-0.04604	0.474828	1	1
asRNA:CR43468	2.009157	-0.08358	0.492327	1	1
mir-989	1.004594	-0.03353	0.54503	1	1
lncRNA:let7C	6.418404	0.031574	0.393941	1	1
lncRNA:CR43408	60.8995	0.94181	0.320091	0.500145	1
lncRNA:CR43420	83.21419	1.314951	0.293228	0.075702	1
lncRNA:CR43419	114.8999	0.384205	0.202017	1	1
lncRNA:CR43605	82.43153	0.228754	0.219466	1	1
lncRNA:CR43304	125.9452	0.169772	0.185292	1	1
snoRNA:lola-b	0.268107	-0.04679	0.619605	0.793673	1
mir-986	0.272696	0.042244	0.616213	0.832444	1

mir-280	0.137974	0.016718	0.607437	1	1
asRNA:CR31845	46.22874	0.250561	0.262597	1	1
lncRNA:CR43410	44.54025	0.96986	0.383884	0.362857	1
lncRNA:CR43611	45.04059	-0.05858	0.246662	1	1
mir-4975	1.266699	-0.07796	0.525319	0.946603	1
scaRNA:PsiU2-35,45	0.09733	-0.00449	0.605571	1	1
snoRNA:SC35-b	0.428536	-0.02891	0.604251	0.958495	1
lncRNA:CR43256	0.74739	0.10521	0.600821	0.600144	1
lncRNA:CR43356	212.4562	-0.13089	0.153491	1	1
lncRNA:CR43242	11.84926	-0.8143	0.666134	0.176812	1
lncRNA:CR43314	4.472095	0.014266	0.429726	1	1
snoRNA:Psi28S-2996	0.783157	0.1142	0.622011	0.52311	1
lncRNA:CR43241	8.009118	-0.00063	0.380454	1	1
lncRNA:CR43409	39.51757	0.827213	0.398609	0.515141	1
lncRNA:CR43148	2.77917	-0.17369	0.497189	0.818031	1
scaRNA:PsiU2-38,40,42	0.140435	-0.00449	0.605571	1	1
lncRNA:CR43621	145.7809	0.261383	0.192725	1	1
lncRNA:CR43262	3.821561	0.116781	0.449478	1	1
lncRNA:CR43607	67.44136	-0.45898	0.248767	1	1
mir-305	0.280869	-0.00449	0.605571	1	1
lncRNA:CR43606	1.634739	0.033058	0.498724	1	1
lncRNA:CR43414	281.4862	1.180686	0.170998	0.134663	1
snoRNA:nop5-x16-a	0.497408	0.020432	0.574689	1	1
lncRNA:CR43620	43.63931	0.460959	0.312624	1	1
lncRNA:CR43610	204.4096	0.499398	0.158782	1	1
lncRNA:CR9162	1.081607	-0.00014	0.550355	1	1
mir-966	0.340754	-0.0258	0.610211	0.967581	1
mir-2b-2	0.9156	-0.132	0.645468	0.436199	1
mir-2a-1	0.19466	-0.00449	0.605571	1	1
lncRNA:CR31647	2.28523	0.020402	0.489021	1	1
mir-2a-2	1.255038	0.001414	0.506129	1	1
lncRNA:CR43363	20.17794	1.283764	0.632079	0.070349	1
asRNA:CR43464	37.39185	0.341557	0.298049	1	1
lncRNA:CR43263	336.9742	0.88252	0.153884	1	1
lncRNA:CR43493	2.952278	0.24127	0.562127	0.504367	1
lncRNA:CR43491	0.899821	-0.05449	0.559996	0.926067	1
asRNA:CR43299	170.674	0.308033	0.173508	1	1
lncRNA:CR43498	47.13444	0.290226	0.273913	1	1
asRNA:CR43152	580.2124	0.962179	0.12308	0.959884	1
asRNA:CR43636	1.136116	0.243482	0.71941	0.241706	1
lncRNA:CR43297	242.2861	0.308697	0.151897	1	1
asRNA:CR43615	4.868734	0.605677	0.898857	0.098408	1
lncRNA:CR43461	52.11494	-0.29581	0.311053	1	1
lncRNA:CR43264	384.2274	-0.11781	0.149258	1	1
lncRNA:CR43495	41.44691	-0.12984	0.274011	1	1
asRNA:CR43614	2.104043	-0.00228	0.475487	1	1
lncRNA:CR43298	38.5999	-0.86887	0.420743	0.423813	1
mir-4962	0.140435	-0.00449	0.605571	1	1
lncRNA:CR43494	0.339783	0.051812	0.621542	0.757899	1
lncRNA:CR33218	1024.321	-0.00511	0.100828	1	1

asRNA:CR43637	210.9277	-0.00608	0.156447	1	1
mir-4954	0.92629	0.055915	0.568151	0.892452	1
lncRNA:yar	3.372007	0.039326	0.459741	1	1
mir-954	0.182276	0.016717	0.607437	1	1
lncRNA:CR43437	244.9201	-0.17283	0.144921	1	1
asRNA:CR43480	14.34953	0.393224	0.418691	0.945387	1
snoRNA:Me18S-C419	0.219	-0.00449	0.605571	1	1
lncRNA:CR31044	12.38746	-0.18226	0.381782	1	1
lncRNA:CR42836	295.7773	-0.05645	0.132941	1	1
lncRNA:CR42756	95.16847	-0.0246	0.20907	1	1
asRNA:CR31144	1.742916	-0.01106	0.528123	1	1
lncRNA:CR42858	36.10311	0.418095	0.322671	1	1
asRNA:CR31514	3.854369	-0.05632	0.453546	1	1
lncRNA:CR42875	91.43759	0.169235	0.229251	1	1
lncRNA:CR32218	20.41337	-0.44465	0.403376	0.964913	1
asRNA:CR42871	1.122704	-0.10554	0.544322	0.777179	1
lncRNA:Yu	186.6922	-0.4633	0.185533	1	1
asRNA:CR42742	1.697741	0.332368	0.846944	0.137369	1
lncRNA:CR42746	4.825513	0.100972	0.448855	1	1
asRNA:CR42743	36.78011	1.139474	0.428321	0.174729	1
lncRNA:CR42874	2.134059	-0.11177	0.518997	0.858932	1
lncRNA:CR32690	3623.607	0.523392	0.109398	1	1
lncRNA:CR42767	2840.625	0.55097	0.088204	1	1
lncRNA:CR42549	65.7813	-0.37374	0.252966	1	1
Uhg8	15.68628	-0.27936	0.380979	1	1
asRNA:CR42547	17.40862	0.205198	0.350518	1	1
Uhg5	37.77573	0.200652	0.274074	1	1
Uhg4	38.16956	-0.07238	0.267711	1	1
Uhg3	20.29256	0.000569	0.308838	1	1
lncRNA:CR42491	45.25911	-0.38051	0.274279	1	1
Su(Ste):CR42439	2.051344	-0.47525	0.987831	0.083327	1
Su(Ste):CR42433	1.649985	-0.39954	0.938465	0.098951	1
Su(Ste):CR42430	4.220427	-0.03671	0.433911	1	1
Su(Ste):CR42426	1.61023	-0.08987	0.529354	0.885944	1
Su(Ste):CR42425	0.274488	-0.0258	0.610211	0.967582	1
Su(Ste):CR42422	1.571151	-0.00856	0.48817	1	1
Su(Ste):CR42420	0.49399	0.075913	0.624843	0.63175	1
Su(Ste):CR42418	5.911879	-0.2114	0.460599	0.937168	1
Su(Ste):CR42416	0.481696	-0.00731	0.571391	1	1
Su(Ste):CR42415	0.440708	-0.01443	0.586965	1	1
Su(Ste):CR42414	0.487209	-0.05828	0.60251	0.776632	1
Su(Ste):CR42412	0.136348	0.016718	0.607437	1	1
Su(Ste):CR42410	0.316329	-0.00459	0.603819	1	1
Su(Ste):CR42407	5.615627	-0.0857	0.416453	1	1
Su(Ste):CR42406	0.44438	0.010435	0.588254	1	1
lncRNA:CR41601	49.49937	0.142723	0.247168	1	1
snoRNA:Psi28S-2626	0.599186	-0.06467	0.581979	0.805626	1
snoRNA:Psi18S-1377b	0.550964	-0.10861	0.633873	0.50767	1
snoRNA:Psi18S-1377c	0.780917	-0.03797	0.56222	1	1
snoRNA:Psi18S-1377d	0.503411	-0.03238	0.58714	0.977669	1

snoRNA:Psi18S-1377e	0.235304	0.016717	0.607437	1	1
snoRNA:Or-CD8	23.27216	0.728318	0.468111	0.469503	1
snoRNA:Psi28S-3305c	0.519372	0.026777	0.583622	1	1
snoRNA:Psi28S-3405b	0.268107	-0.04679	0.619605	0.793673	1
snoRNA:Or-aca3	0.462767	-0.05231	0.61305	0.779208	1
snoRNA:Me18S-G1189	0.600054	0.004137	0.568833	1	1
snoRNA:Me28S-G2017	1.45588	-0.15118	0.556996	0.6259	1
snoRNA:Psi28S-2562	0.474464	-0.03437	0.59075	0.954522	1
snoRNA:Me18S-G1358	0.146094	-0.0258	0.610211	0.967585	1
snoRNA:Psi18S-1295	0.343722	-0.02533	0.602612	0.989539	1
snoRNA:Me18S-G1358	0.73904	0.082235	0.570382	0.766721	1
snoRNA:Psi18S-301	0.388891	0.019748	0.6056	1	1
snoRNA:Psi28S-2442a	0.237764	-0.00449	0.605571	1	1
snoRNA:Psi28S-2442b	0.557146	-0.03627	0.58414	0.959718	1
snoRNA:Psi28S-3571	5.244629	0.282706	0.510955	0.638555	1
snoRNA:Psi28S-3091a	0.886419	-0.14761	0.63236	0.439204	1
snoRNA:Psi28S-3091b	1.113152	0.12876	0.575418	0.613795	1
snoRNA:Psi28S-3385a	0.898517	0.119598	0.584426	0.608687	1
snoRNA:Psi28S-3385b	0.770143	0.016426	0.555757	1	1
snoRNA:Psi28S-3327b	0.603704	0.073714	0.61332	0.672872	1
snoRNA:Psi28S-3327a	0.346016	0.014904	0.59952	1	1
snoRNA:Me28S-A774a	0.09733	-0.00449	0.605571	1	1
snoRNA:Me28S-A774b	0.233678	0.016717	0.607437	1	1
snoRNA:Psi18S-920	1.77331	-0.10443	0.516937	0.889465	1
snoRNA:Psi28S-612	2.47199	0.000302	0.469565	1	1
snoRNA:Psi28S-1837b	0.845609	-0.06938	0.56971	0.822394	1
snoRNA:Psi28S-1837c	0.408542	-0.04837	0.617641	0.789466	1
snoRNA:Psi18S-1397	0.76709	0.037371	0.559893	1	1
snoRNA:Me28S-C3351	0.137974	0.016718	0.607437	1	1
snoRNA:Me28S-A2634	0.675993	-0.03958	0.568187	0.984325	1
snoRNA:Me28S-A771	0.09733	-0.00449	0.605571	1	1
snoRNA:Me28S-G3113	0.598658	0.086657	0.5982	0.66577	1
snoRNA:Psi18S-996	0.535707	0.050649	0.604152	0.814113	1
snoRNA:Or-aca1	1.236994	0.046082	0.515913	1	1
snoRNA:Psi28S-1175c	0.547369	-0.01881	0.568606	1	1
snoRNA:Psi28S-1175b	0.808025	0.032284	0.549793	1	1
snoRNA:Psi28S-1175a	0.663104	-0.06374	0.576681	0.826454	1
snoRNA:Me28S-G2173	0.562806	-0.06639	0.600149	0.743212	1
snoRNA:Or-CD1	0.377134	-0.02717	0.609019	0.95987	1
snoRNA:Psi28S-3316e	0.243424	-0.0258	0.610211	0.967583	1
snoRNA:Psi18S-841d	0.32837	-0.00469	0.602006	1	1
snoRNA:Psi28S-3316d	0.395539	-0.06296	0.627788	0.680533	1
snoRNA:Psi28S-3316c	0.124722	-0.0258	0.610211	0.967585	1
snoRNA:Me18S-A1061	0.279605	0.016717	0.607437	1	1
snoRNA:Psi28S-2444	1.236614	0.008583	0.506746	1	1
snoRNA:Me28S-U1848	0.136348	0.016718	0.607437	1	1
snoRNA:Psi18S-1347b	0.140435	-0.00449	0.605571	1	1
snoRNA:Me28S-C3227	0.124722	-0.0258	0.610211	0.967585	1
snoRNA:Me18S-C1366	0.237764	-0.00449	0.605571	1	1
snoRNA:Or-CD4	0.137974	0.016718	0.607437	1	1

snoRNA:Me28S-G2703	0.873869	-0.00508	0.535073	1	1
snoRNA:Me28S-G2703	0.124722	-0.0258	0.610211	0.967585	1
snoRNA:Me28S-G2703	0.886058	-0.1724	0.644138	0.386525	1
snoRNA:Me28S-A992	0.146094	-0.0258	0.610211	0.967585	1
snoRNA:Me28S-G3255	0.270816	-0.04709	0.619761	0.791409	1
snoRNA:Me28S-A982a	0.136348	0.016718	0.607437	1	1
snoRNA:Me28S-G3255	0.140435	-0.00449	0.605571	1	1
snoRNA:Psi28S-2949	0.374167	-0.05939	0.627555	0.699099	1
snoRNA:Psi18S-525j	0.41691	-0.06693	0.627963	0.661304	1
snoRNA:Psi18S-640f	0.140435	-0.00449	0.605571	1	1
snoRNA:Psi18S-525h	0.471496	-0.06712	0.622204	0.6767	1
snoRNA:Psi18S-640e	0.124722	-0.0258	0.610211	0.967585	1
snoRNA:Me28S-A2113	1.184012	0.09256	0.537805	0.843489	1
snoRNA:Me28S-A2958	0.614272	0.04324	0.580818	0.925181	1
snoRNA:Me28S-U3344	0.146094	-0.0258	0.610211	0.967585	1
snoRNA:Psi28S-1135a	0.084946	0.016718	0.607437	1	1
snoRNA:Psi28S-1135b	0.09733	-0.00449	0.605571	1	1
snoRNA:Psi28S-1135d	0.426242	-0.06867	0.628121	0.653036	1
snoRNA:Psi28S-1192a	0.272696	0.042244	0.616213	0.832444	1
snoRNA:Psi28S-1192b	0.146094	-0.0258	0.610211	0.967585	1
snoRNA:Psi28S-1192c	1.479784	-0.22686	0.668738	0.307551	1
snoRNA:Psi28S-1192d	0.961656	-0.18038	0.678444	0.324113	1
snoRNA:Me28S-U1688	0.956355	0.030997	0.536484	1	1
snoRNA:Psi28S-1060	0.648294	-0.13318	0.635457	0.455186	1
snoRNA:Psi28S-1232	0.146094	-0.0258	0.610211	0.967585	1
snoRNA:Psi18S-531	8.891188	-0.24417	0.416239	1	1
lncRNA:CR40469	70.37644	0.47477	0.248936	1	1
asRNA:Eig63F-2	0.742949	-0.02094	0.566605	1	1
snRNA:U11	5.268986	-0.03969	0.421365	1	1
snoRNA:Me28S-C3420	0.231383	-0.0258	0.610211	0.967583	1
snoRNA:Me28S-C3420	0.319382	-0.0258	0.610211	0.967581	1
lncRNA:CR33963	1.334145	0.016738	0.540374	1	1
snoRNA:229	2.283882	0.128335	0.50944	0.856216	1
snoRNA:185	3.169843	-0.04721	0.472303	1	1
lncRNA:CR33942	1.228304	0.022814	0.532052	1	1
snmRNA:254	0.182276	0.016717	0.607437	1	1
snoRNA:Or-aca5	0.357642	0.052573	0.622027	0.752117	1
snoRNA:Psi28S-2648	2.312447	0.005945	0.476489	1	1
snoRNA:Me18S-C1831	3.619094	0.042697	0.448198	1	1
asRNA:CR33945	0.61157	-0.09499	0.616511	0.587866	1
snoRNA:Psi18S-1377a	0.616702	0.029019	0.576571	1	1
snoRNA:Psi28S-291	2.395797	0.050622	0.500758	1	1
snoRNA:Psi28S-2149	0.134054	-0.0258	0.610211	0.967585	1
snoRNA:Me28S-A2564	0.258776	-0.04567	0.619019	0.802386	1
snoRNA:Psi18S-1275	24.84189	0.891525	0.501333	0.291962	1
snRNA:7SK	9.214996	0.626347	0.639332	0.245894	1
snoRNA:291	0.377478	-0.05463	0.613081	0.765987	1
RNaseMRP:RNA	2.841623	-0.12794	0.522877	0.799879	1
snoRNA:Psi28S-3186	1.160706	0.125855	0.569119	0.639396	1
snoRNA:Psi28S-3327c	2.635681	-0.07451	0.462916	1	1

lncRNA:CR33948	12.65372	-0.2609	0.395933	1	1
snoRNA:Psi28S-1837a	0.422877	-0.00538	0.590546	1	1
snoRNA:684	0.249444	-0.04453	0.618442	0.811316	1
snoRNA:Psi28S-2622	0.541434	-0.05455	0.606328	0.785726	1
snoRNA:Psi28S-2876	0.294614	0.008289	0.605317	1	1
snoRNA:U3:9B	0.09733	-0.00449	0.605571	1	1
snoRNA:Psi28S-3436a	0.359268	0.058642	0.616437	0.734757	1
snoRNA:Psi28S-3436b	0.444214	0.077901	0.617792	0.643413	1
snoRNA:Or-CD10	0.134054	-0.0258	0.610211	0.967585	1
snoRNA:Psi28S-2179	0.8676	-0.01231	0.54206	1	1
snRNA:U7	0.137974	0.016718	0.607437	1	1
lncRNA:CR32658	7496.694	-0.08762	0.070403	1	1
scaRNA:MeU5-C46	3.166448	0.027571	0.460214	1	1
lncRNA:CR32657	2338.766	-0.09468	0.081146	1	1
lncRNA:CR32661	4848.946	-0.24053	0.072885	1	1
snoRNA:Me28S-G764	0.989011	-0.01707	0.536727	1	1
snRNA:U1:95Cc	2.234666	-0.12084	0.493388	0.949514	1
snRNA:U12	15.40715	0.240028	0.377105	1	1
snoRNA:U49:66Db	0.134054	-0.0258	0.610211	0.967585	1
snoRNA:U49:66Da	0.395539	-0.06296	0.627788	0.680533	1
lncRNA:CR32385	3.71373	-0.25227	0.531509	0.589159	1
lncRNA:bxl	2.281567	0.304898	0.699328	0.242585	1
snRNA:U5:63BC	0.721788	0.120753	0.643124	0.460877	1
lncRNA:alphagamma-el	11.26325	0.043332	0.53711	1	1
snoRNA:Psi18S-1820	0.265157	-0.0258	0.610211	0.967582	1
snoRNA:snR38:54Ec	0.09733	-0.00449	0.605571	1	1
snoRNA:U31:54Eb	1.094731	0.068436	0.541234	0.924684	1
snoRNA:Me28S-G3277a	0.124722	-0.0258	0.610211	0.967585	1
snoRNA:Me28S-A3407a	0.124722	-0.0258	0.610211	0.967585	1
snoRNA:Me28S-G3081a	2.573466	-0.04813	0.470891	1	1
snoRNA:Me28S-A1322	1.979054	-0.04097	0.494008	1	1
snRNA:U4:39B	0.750344	0.012323	0.551816	1	1
snRNA:U4:38AB	0.268107	-0.04679	0.619605	0.793673	1
snRNA:U2:34ABa	0.084946	0.016718	0.607437	1	1
snoRNA:Me18S-A1576	0.737504	-0.07663	0.569649	0.791436	1
snoRNA:U14:30Ea	0.813462	-0.06979	0.571167	0.815895	1
snoRNA:U14:30Eb	0.897395	-0.12293	0.613088	0.525575	1
snRNA:U6atac	1.062821	-0.04627	0.530675	1	1
snRNA:U3	1.086936	0.235844	0.719635	0.244226	1
CG46339	147.1935	-0.01501	0.176757	1	1
CG46335	17.93989	0.474916	0.436673	0.787115	1
PGRP-LC	96.88325	0.183088	0.213206	1	1
yki	514.8213	0.040693	0.108159	1	1
Ntmt	1012.787	-0.07678	0.096805	1	1
Cyp9f3	5.502991	0.158624	0.444844	1	1
mIF3	165.57	-0.4071	0.172094	1	1
PIG-C	47.19576	0.006964	0.258908	1	1
Gld	24.59716	-0.32223	0.326466	1	1
lilli	818.5054	0.253255	0.138902	1	1
Nach	3.613978	0.027163	0.455263	1	1

Apc2	115.233	0.025665	0.191115	1	1
CrebB	171.9871	-0.10634	0.169839	1	1
Sur	34.76434	0.328293	0.360093	1	1
Rab3-GEF	9.786875	0.445709	0.528555	0.497511	1
Schip1	52.38105	0.200774	0.252704	1	1
baz	202.1116	-0.07669	0.165908	1	1
CG4901	181.0829	-0.44862	0.171798	1	1
CG46304	1614.112	-0.18715	0.082458	1	1
CG46303	0.084946	0.016718	0.607437	1	1
CG46301	2.869775	-0.06758	0.476209	1	1
DIP-lambda	18.89581	0.037198	0.342574	1	1
CG45067	77.17387	1.022481	0.283848	0.40802	1
CG44388	2.691302	0.005419	0.595545	1	1
CG43845	973.6207	0.330103	0.091808	1	1
sif	0.89539	-0.15831	0.641563	0.406986	1
CG33941	68.35718	0.150477	0.249458	1	1
AlkB	18.41634	-0.21023	0.343695	1	1
Hr3	2.570567	-0.15182	0.509434	0.803907	1
tim	229.0912	0.290175	0.153283	1	1
CG31751	261.3197	0.093837	0.141871	1	1
jigr1	161.3531	-0.00953	0.162429	1	1
cathD	1682.016	-0.30301	0.082433	1	1
CG15418	20.45361	0.681865	0.460446	0.526981	1
CG14606	12.03465	0.282446	0.412464	1	1
mei-38	75.01768	-0.50418	0.259869	1	1
CG13950	17.852	0.058667	0.326121	1	1
Obp73a	0.682736	0.026071	0.554552	1	1
CROT	60.23126	-0.69096	0.297066	1	1
Usp5	673.3931	-0.1716	0.103046	1	1
Obp85a	1.447087	0.054866	0.537055	1	1
CG11498	9.691585	0.372115	0.480172	0.694254	1
for	261.9347	0.004033	0.165125	1	1
r	442.7355	0.271742	0.117954	1	1
cin	151.7736	-0.45037	0.180647	1	1
CCY	400.8645	0.898094	0.1562	1	1
WDY	70.66018	0.29917	0.247609	1	1
CG45770	105.0002	0.228817	0.376854	1	1
Mst77Y-7	75.58053	0.033694	0.249901	1	1
CG45766	6.004097	0.144939	0.603126	0.508312	1
CG45765	8.220693	-0.01526	0.393887	1	1
CG45764	0.291989	-0.00449	0.605571	1	1
Mst77Y-4	25.71892	0.116923	0.305482	1	1
FDY	213.1524	-0.75046	0.172801	1	1
SdicC	27.04444	0.194836	0.308487	1	1
OtopLc	14.44396	-0.1476	0.35457	1	1
CG40485	2.917932	-0.05947	0.481927	1	1
CG33939	6.305516	0.145376	0.447853	1	1
CG33082	5.949904	-0.3165	0.540914	0.519322	1
Pp4-19C	165.358	-0.56256	0.175852	1	1
Sh	18.85029	-0.14518	0.363255	1	1

Gbeta13F	1022.618	-0.07929	0.103397	1	1
sd	319.1987	-0.19325	0.148951	1	1
CG5004	214.4933	-0.09246	0.172391	1	1
CG4768	123.8748	0.019272	0.181446	1	1
CG3638	180.0703	-0.38853	0.188865	1	1
ND-B16,6	600.0621	-0.0768	0.109197	1	1
zyd	30.99789	-0.25408	0.300837	1	1
ttm50	378.0073	-0.03285	0.123319	1	1
l(1)G0289	233.4287	-0.25045	0.15047	1	1
Kmn1	23.79404	-0.3203	0.339069	1	1
CG1492	12.34354	-0.11386	0.354955	1	1
gd	6.444888	-0.21511	0.461325	0.928114	1
Sxl	121.7654	-0.1651	0.205714	1	1
CG34354	8.039699	0.030417	0.405978	1	1
tau	314.8492	0.390489	0.1384	1	1
CG31064	80.01319	-0.25767	0.248188	1	1
CG42813	850.6337	0.016216	0.098531	1	1
CG43273	32.28005	-0.33751	0.306664	1	1
Syx1A	132.3676	0.12145	0.184047	1	1
CG34355	91.60715	-0.29094	0.215971	1	1
CG34377	8.806684	0.427682	0.510738	0.556821	1
CG43844	209.0458	0.197867	0.151138	1	1
CG34148	0.861092	-0.01995	0.543539	1	1
CG31233	8.452281	0.409913	0.51449	0.554142	1
pre-mod(mdg4)-E	0.715196	-0.04757	0.554955	0.979314	1
CG34282	0.545392	0.072742	0.63174	0.625478	1
Rbp	19.43734	-0.31206	0.358722	1	1
Octbeta2R	103.2967	-0.34934	0.229107	1	1
Mical	1677.32	0.06871	0.088132	1	1
FoxP	4.060693	0.079052	0.451263	1	1
CG45263	796.7209	0.244384	0.117749	1	1
CG31550	310.9141	-0.1388	0.14127	1	1
cno	229.9512	0.026537	0.177037	1	1
Myo81F	18.88167	-0.0547	0.322815	1	1
Not10	184.4724	-0.50119	0.179412	1	1
CG17931	223.4811	-0.18997	0.1582	1	1
CG17803	12.00892	-0.0194	0.370052	1	1
CG15529	10.39642	-0.13879	0.384615	1	1
COX5A	1952.511	-0.26002	0.089797	1	1
CG14669	71.77355	0.179983	0.239747	1	1
CG14544	25.3992	-0.16997	0.309995	1	1
CG13841	1.599952	0.079604	0.509603	1	1
CG12945	95.05949	0.397027	0.208521	1	1
CG12402	152.6968	0.63494	0.197179	1	1
Atg8b	1996.615	0.109247	0.086175	1	1
CG12320	79.34351	-0.01494	0.213053	1	1
CG12071	8.415077	-0.15068	0.396442	1	1
ScsbetaA	8312.724	-0.33502	0.076577	1	1
Abd-B	82.87028	0.043586	0.219021	1	1
pHCl-2	4.744502	-0.08275	0.454491	1	1

CG11035	223.0047	0.512603	0.176761	1	1
osk	3.900993	-0.00336	0.431478	1	1
Ktl	34.2022	-0.14524	0.291896	1	1
CG10407	30834.77	0.272079	0.079959	1	1
Tango9	303.9909	-0.34384	0.135005	1	1
fkf	0.568136	-0.00279	0.583899	1	1
CG9926	147.9201	-0.15479	0.182299	1	1
CG9804	5.173489	-0.01411	0.423653	1	1
Suv3	152.2312	-0.18867	0.175564	1	1
Vps24	30.91215	0.203528	0.306618	1	1
p	394.7978	-0.0936	0.127565	1	1
Dop1R1	29.63079	0.54303	0.37032	1	1
NK7,1	282.744	0.012144	0.145498	1	1
CG8500	2.249515	0.112246	0.529802	0.813191	1
fray	700.2428	0.302621	0.110527	1	1
CG7606	1.765481	0.029379	0.494788	1	1
Saf-B	464.0402	-0.37241	0.111882	1	1
CG6972	76.10838	0.842479	0.288289	0.783955	1
Fmr1	1115.987	0.35912	0.143723	1	1
gb	184.8221	0.165908	0.172951	1	1
Bin1	97.10683	-0.44824	0.236454	1	1
AOX3	988.383	-0.21123	0.123191	1	1
spas	514.1545	0.315398	0.111681	1	1
CG3348	21.89604	-0.07763	0.322548	1	1
CG3337	132.104	-0.3681	0.20106	1	1
CG5903	1356.915	-0.14155	0.091191	1	1
foxo	44.21027	0.482512	0.302343	1	1
l(3)07882	125.0424	-0.42298	0.189996	1	1
unc-45	325.7126	0.083364	0.123689	1	1
CG5791	1.767862	0.051654	0.494768	1	1
hd	23.52357	-0.24748	0.346711	1	1
Ppcs	121.3465	0.379405	0.190895	1	1
Apc	305.7917	-0.10534	0.142938	1	1
CG5071	1239.783	0.663456	0.118118	1	1
agt	23.71506	0.070496	0.305939	1	1
Tctp	2774.221	-0.02345	0.077048	1	1
unk	52.43436	0.167379	0.254627	1	1
Madm	251.0303	-0.41059	0.156418	1	1
Oamb	43.29555	-0.24756	0.289171	1	1
CRAT	135.2399	-0.25644	0.181813	1	1
Mlp84B	268.2403	-0.01287	0.198273	1	1
CG11857	704.2289	0.097583	0.108221	1	1
Pif1A	1472.452	0.642257	0.10176	1	1
CG45782	5.903066	0.026417	0.450657	1	1
Lmpt	257.7182	-0.05883	0.162362	1	1
CG33947	513.5428	0.514468	0.1265	1	1
CG32052	19.77413	0.143458	0.326963	1	1
GluRIB	25.72576	0.499755	0.394106	0.945396	1
sphinx2	10.03476	0.038276	0.511493	1	1
Dscam2	22.7636	0.245144	0.349847	1	1

CG33946	0.442588	0.067327	0.62329	0.672689	1
Glut1	253.1841	-1.03451	0.159256	0.511348	1
hob	662.9148	0.229256	0.134554	1	1
CG13917	280.9328	0.185681	0.179267	1	1
AstC-R2	1.954938	0.155543	0.540471	0.674046	1
CG13685	0.827318	-0.01832	0.561358	1	1
l(3)mbn	5.02414	0.402606	0.595287	0.360794	1
nAChRalpha4	81.88531	1.300075	0.2987	0.084934	1
CG11560	83.04974	-0.35419	0.245972	1	1
caps	166.1925	0.138377	0.173155	1	1
mael	645.6211	-0.10602	0.108205	1	1
CG11241	11.4147	-0.00829	0.361159	1	1
CG11137	730.4982	0.095651	0.119384	1	1
CG10477	1.090785	0.159958	0.68438	0.332069	1
vvl	21.64566	-0.12104	0.334829	1	1
fal	1667.697	0.212032	0.083333	1	1
Cpr73D	57.80509	0.301309	0.254311	1	1
Eip75B	88.24666	-0.02458	0.239974	1	1
CG7970	201.4498	-0.27493	0.176127	1	1
CG7692	735.5373	0.822208	0.136178	1	1
CG7457	80.20004	0.376323	0.240521	1	1
mub	219.0406	0.697583	0.193404	1	1
Ets65A	1.882138	0.02197	0.499003	1	1
RpL26	2947.602	-0.41429	0.113795	1	1
CG6841	171.5726	-0.05139	0.162304	1	1
thoc6	58.89304	-0.73711	0.315676	0.912327	1
CG5577	31.41293	-0.34443	0.327256	1	1
knrl	32.24354	-0.72326	0.410471	0.615045	1
ftz-f1	70.34915	-0.0148	0.229339	1	1
Mul1	1353.431	0.68146	0.099126	1	1
Zip71B	158.8426	-0.18046	0.195477	1	1
Tmc	38.34144	0.748169	0.409542	0.587433	1
CG14974	2184.518	-0.2737	0.101193	1	1
stum	17.38163	0.247899	0.370664	1	1
Mctp	60.14739	-0.83025	0.316875	0.719681	1
CG5098	551.265	-0.12383	0.148742	1	1
Klp54D	6.214131	0.076308	0.419255	1	1
unc-104	120.2176	-0.09525	0.192233	1	1
Zasp52	286.4432	-0.23298	0.160684	1	1
PRAS40	96.89694	-0.06431	0.204746	1	1
cg	533.7007	-0.17462	0.128296	1	1
Sin3A	254.6326	-0.05551	0.165679	1	1
Damm	18.87857	0.396019	0.417515	0.948246	1
Sod3	520.9503	-0.18757	0.131065	1	1
psq	258.9734	-0.28764	0.160731	1	1
RanBPM	424.8756	-0.03267	0.119369	1	1
udd	76.54448	-0.33347	0.240392	1	1
lig	1068.212	0.255667	0.129898	1	1
CG46059	11404.69	-0.34216	0.063737	1	1
Dgk	1631.281	0.405498	0.10784	1	1

Mhc	1070.583	-0.26469	0.256886	1	1
bin3	188.7204	-0.13196	0.15388	1	1
yuri	3983.03	0.138136	0.092237	1	1
Nipped-A	230.5152	-0.29962	0.181204	1	1
CG2528	3514.871	-0.08518	0.074155	1	1
Sfp35C	9.302924	0.012457	0.595075	1	1
ltgbn	45.39571	-0.39113	0.303999	1	1
solo	7.143433	-0.33134	0.497733	0.654426	1
CG42238	22.21813	-0.22178	0.328579	1	1
vas	340.1685	-0.80239	0.170934	1	1
CG42784	1.172913	0.009223	0.525976	1	1
kek1	45.76688	0.187035	0.263505	1	1
MRP	510.1521	0.063671	0.123131	1	1
CG5846	104.5505	-0.36265	0.198719	1	1
CG5885	1386.188	-0.13651	0.087373	1	1
emb	518.8808	-0.44119	0.11605	1	1
CG14277	13.55516	0.356014	0.403181	1	1
Piezo	46.04889	-0.06019	0.257685	1	1
CG46025	3488.024	0.449341	0.08019	1	1
smt3	2316.701	-0.34548	0.10171	1	1
CG43232	91.31517	-0.0372	0.198733	1	1
CG34310	76.73571	-0.27126	0.223809	1	1
nompC	17.00563	0.03062	0.357029	1	1
tutl	21.76834	0.132478	0.335394	1	1
Gsc	8.798911	0.007275	0.379079	1	1
Ptth	120.294	0.483142	0.202683	1	1
Rich	359.8466	-0.13332	0.136478	1	1
MYPT-75D	79.22799	0.372766	0.230525	1	1
erm	10.65553	-0.09292	0.371882	1	1
CG8223	1.31646	-0.02378	0.522678	1	1
Dhpr	61.90958	-0.096	0.232767	1	1
sw	204.3553	0.009217	0.176972	1	1
slgA	1568.37	0.052916	0.085595	1	1
Sdic2	8.860103	0.340643	0.471706	0.751043	1
sol	249.2281	-0.07002	0.139658	1	1
nAChRalpha7	1.862066	-0.19658	0.597749	0.454173	1
CG33253	4.366443	-0.04004	0.424135	1	1
bves	82.26003	-0.20938	0.220701	1	1
CG32549	755.8852	-0.07239	0.113	1	1
CG6023	8.839586	0.051673	0.398936	1	1
Frq2	16.71893	0.386979	0.42075	0.941724	1
ari-1	182.9916	-0.53957	0.189863	1	1
CG7206	501.2674	0.324561	0.116361	1	1
chas	120.049	-1.21405	0.267923	0.142758	1
CG33252	371.0064	0.767137	0.147434	1	1
CG9125	72.6847	-0.28085	0.22305	1	1
Rcp	20.00713	-0.13652	0.331548	1	1
CG9132	164.8378	-0.48568	0.182093	1	1
Sep4	27.60049	-0.10004	0.303136	1	1
eIF4H1	200.0119	-0.4963	0.176583	1	1

Fur2	90.49822	-0.084	0.218503	1	1
Dsp1	134.591	-0.38945	0.199997	1	1
Tob	1668.177	0.324018	0.104654	1	1
vap	204.1132	-0.17585	0.173141	1	1
eIF5	70.35235	-0.0379	0.242307	1	1
CG9170	78.19642	-0.25099	0.226697	1	1
mmd	2.649476	-0.07898	0.474278	1	1
Stim	1087.324	0.097997	0.088507	1	1
Lcch3	8.667235	-0.32302	0.458696	0.822572	1
shi	1803.992	0.219579	0.105657	1	1
CG16952	154.5255	-0.23632	0.180178	1	1
Myb	1116.584	0.153237	0.10735	1	1
UBL3	271.159	-0.27303	0.140044	1	1
Chc	1283.202	-0.2375	0.10117	1	1
CG8974	607.183	0.026213	0.109411	1	1
Rhp	16.12929	-0.27523	0.362071	1	1
Graf	488.9352	0.184468	0.137752	1	1
CG9220	61.39257	-0.13117	0.234322	1	1
CG5541	202.8158	-0.24349	0.158849	1	1
CG14411	550.4841	0.217422	0.119854	1	1
CG42271	243.2229	-0.14243	0.149083	1	1
Ste:CG33236	0.679567	0.09645	0.639984	0.523639	1
yl	12.05058	0.357682	0.443894	0.859743	1
CklIbeta	834.1383	0.006338	0.094636	1	1
Ptp10D	500.9259	0.881028	0.183309	1	1
CG1561	6.26397	-0.02512	0.405182	1	1
Drak	96.4971	-0.38493	0.217663	1	1
CG33235	424.0889	0.073356	0.149511	1	1
HP5	40.17263	-0.36112	0.305362	1	1
Gs2	475.8906	-0.0967	0.127293	1	1
dlg1	149.5133	-0.12033	0.200484	1	1
spri	281.328	-0.16483	0.159805	1	1
PPP4R2r	160.4671	-0.45103	0.176458	1	1
alpha-Man-Ia	151.2645	-0.13928	0.175527	1	1
AP-1gamma	178.223	-0.23542	0.164957	1	1
Moe	1082.234	-0.21124	0.117538	1	1
CG12075	109.916	-0.99666	0.242521	0.519928	1
CG12065	139.6643	-0.06387	0.176306	1	1
Trf4-1	96.18087	-0.24754	0.223609	1	1
Nrg	431.4341	-0.17295	0.142645	1	1
otu	29.52938	-0.08552	0.298152	1	1
CG33223	459.0753	0.311961	0.124626	1	1
Trf2	1045.271	-0.00905	0.113796	1	1
sdt	127.1515	0.109073	0.185853	1	1
Gclc	329.142	0.821169	0.156599	1	1
CG2258	346.9985	-0.09639	0.149559	1	1
fs(1)h	237.9252	-0.22898	0.180466	1	1
I(1)G0193	341.3177	-0.30138	0.143311	1	1
Tom40	996.1173	0.188189	0.095958	1	1
CHES-1-like	56.23469	0.509915	0.274377	1	1

CBP	24.71323	0.363352	0.34223	1	1
CG18155	1358.458	-0.066	0.091188	1	1
CG34417	359.0012	-0.00843	0.260341	1	1
Marf	975.4105	0.137945	0.102576	1	1
CG3842	34.22424	-0.28759	0.305216	1	1
CG3566	176.8879	-0.27444	0.165919	1	1
SK	28.47378	0.342933	0.332217	1	1
Rnp4F	247.0636	-0.20831	0.141375	1	1
CG32767	409.9679	0.428077	0.179183	1	1
CG44774	3347.513	0.120864	0.104933	1	1
Vap33	549.3872	-0.42718	0.132387	1	1
CG42541	13.72786	-0.0978	0.358122	1	1
Tlk	238.2894	0.031022	0.188931	1	1
CG32795	410.4357	0.113447	0.124782	1	1
Spg7	910.8498	-0.03268	0.11154	1	1
sgg	870.6959	-0.55575	0.116401	1	1
PsGEF	34.0893	0.613847	0.412128	0.738857	1
svr	363.3713	-0.27378	0.136225	1	1
CG3857	55.08802	-0.03155	0.243163	1	1
eIF2Bepsilon	146.3228	-0.21568	0.175081	1	1
arm	738.6538	-0.36992	0.120017	1	1
AMPKalpha	466.4314	0.170113	0.125647	1	1
eEF1alpha2	229.5082	-0.63266	0.218339	1	1
ssx	216.0518	-0.28359	0.153819	1	1
MTPAP	266.3226	-0.05711	0.143874	1	1
Ptx1	78.11933	1.049661	0.315817	0.331408	1
su(w[a])	300.2106	0.098991	0.14931	1	1
CG33483	2.099118	-0.01271	0.497766	1	1
RpS7	4616.95	-0.48107	0.104201	1	1
janA	1703.222	-0.22028	0.094657	1	1
Vps13B	3839.587	-0.16104	0.102104	1	1
CG31038	415.874	0.20057	0.124141	1	1
Dup99B	3.31382	-0.06093	0.470519	1	1
Trc8	2604.601	0.095978	0.119652	1	1
Ptp99A	37.68754	-0.12094	0.282064	1	1
Ald1	4952.502	0.009258	0.085505	1	1
Exo84	163.3883	0.013885	0.158241	1	1
gro	599.5607	-0.18323	0.111108	1	1
CCAP-R	7.611348	0.028349	0.387182	1	1
LpR1	55.1021	0.499607	0.27657	1	1
CG33494	85.17496	-0.23796	0.22681	1	1
Fur1	211.667	0.104821	0.159547	1	1
CG3744	583.9379	0.121914	0.11503	1	1
Nct	393.8175	0.13336	0.119521	1	1
Ets96B	107.9916	1.126344	0.259218	0.248745	1
slo	57.1974	0.660879	0.293516	1	1
CG6695	407.8927	-0.33421	0.122452	1	1
puf	1151.601	0.173719	0.125231	1	1
CG33341	0.346774	-0.04453	0.618442	0.811314	1
CG33340	24418.73	-0.30101	0.079991	1	1

CG33339	11.35404	-0.00729	0.367611	1	1
Myo95E	50.10302	0.036091	0.248408	1	1
p38c	9.87309	-0.1693	0.406648	1	1
CG31140	42.62793	0.088357	0.278988	1	1
Gdh	905.3136	-0.54744	0.119802	1	1
CG33111	130.0289	0.26653	0.179717	1	1
CG10365	3748.76	-0.51648	0.092937	1	1
CG33337	0.594621	0.08258	0.634668	0.580208	1
p53	73.51587	-0.12141	0.213885	1	1
Sar1	1369.872	0.014364	0.089669	1	1
CG42390	412.6992	-0.37366	0.145292	1	1
ETHR	14.25877	-0.152	0.369931	1	1
AnxB9	1145.726	-0.04419	0.124723	1	1
Mvl	313.3019	-0.1419	0.131826	1	1
Atpalpha	1076.591	-0.30466	0.117888	1	1
Fancd2	65.11076	-0.18252	0.237828	1	1
DPCoAC	51.13291	0.190366	0.258553	1	1
Stat92E	500.9132	-0.03617	0.123599	1	1
PIG-L	199.9394	0.068208	0.152316	1	1
Ask1	281.8248	-0.48405	0.152209	1	1
ChAT	9.769108	-0.04779	0.403531	1	1
fru	326.5107	0.033495	0.138144	1	1
CG7675	214.0802	-0.03595	0.169164	1	1
eIF1A	4882.407	-0.21984	0.077375	1	1
Ahcyl2	11.09966	0.142931	0.371673	1	1
Ubx	6.824567	-0.00326	0.39303	1	1
osa	530.3638	-0.1546	0.134959	1	1
AdamTS-A	50.91983	-0.01297	0.258238	1	1
alt	1023.213	0.049155	0.112182	1	1
Tm1	1155.468	-0.46738	0.115132	1	1
Dscam3	118.8592	0.40322	0.199445	1	1
CG33333	3.523629	0.210694	0.506344	0.724576	1
dpr9	13.70948	-0.05394	0.34558	1	1
CG33332	47.31435	-0.58562	0.325058	1	1
cher	246.8965	-0.44604	0.187702	1	1
Pxd	3.163435	-0.17589	0.518972	0.721284	1
CG33331	28.31975	-0.58413	0.395907	0.835244	1
CG3631	26.15461	-0.07617	0.299199	1	1
jvl	691.8383	0.032983	0.125547	1	1
Sp212	16.00777	0.142705	0.375835	1	1
Kif19A	45.46669	-0.39889	0.309485	1	1
sqd	1162.417	-0.29159	0.093973	1	1
CG17207	287.2823	0.357844	0.163359	1	1
CG5196	194.0987	-0.15951	0.169167	1	1
CG31368	185.634	-0.45422	0.162335	1	1
HisCl1	26.21825	-0.21353	0.339802	1	1
SelR	271.0364	-0.12093	0.15207	1	1
CG14693	410.9622	0.287732	0.134848	1	1
Cap-H2	210.0292	-0.05393	0.158031	1	1
Nuak1	942.065	1.038475	0.155762	0.498285	1

GstZ2	3.329864	-0.04742	0.453038	1	1
Rel	257.1759	-0.00484	0.139389	1	1
CG8379	632.5655	0.546104	0.108108	1	1
CG9801	618.9471	0.576433	0.122489	1	1
CG8136	7609.286	-0.248	0.092339	1	1
wtrw	118.1991	-0.13927	0.205842	1	1
CG33325	1.263402	0.029593	0.545378	1	1
CG17816	260.4311	0.502581	0.154494	1	1
rn	170.0992	-0.28716	0.206925	1	1
Fer1	21.03046	0.505484	0.426043	0.801253	1
Antp	21.75201	0.502441	0.419297	0.83195	1
pb	43.26323	0.100943	0.259625	1	1
Taf1	438.462	0.039313	0.124455	1	1
CG15186	44.93741	0.286789	0.288851	1	1
Atg17	175.9784	-0.32641	0.176075	1	1
CG1427	427.5847	0.126957	0.126308	1	1
Pi4KIIalpha	1584.475	0.048905	0.086291	1	1
CG2519	269.8699	-0.82944	0.179769	1	1
kkv	138.1532	0.593247	0.204415	1	1
mtd	651.8719	-0.15571	0.110411	1	1
CG33293	2719.199	0.809281	0.099025	1	1
Gel	434.5017	-0.38777	0.121999	1	1
CG33217	55.69879	0.106215	0.268096	1	1
CG32447	1.79692	-0.34624	0.829166	0.144561	1
CG43980	54.46292	-0.0144	0.24189	1	1
SMC5	895.0216	0.362675	0.114035	1	1
CapaR	5.21003	0.079974	0.420756	1	1
CG33290	8.559865	-0.12093	0.392815	1	1
ppk5	9.266465	0.153022	0.406137	1	1
Hr78	233.7498	0.219391	0.153603	1	1
CG33288	8.181628	0.24476	0.429771	1	1
CG10508	213.4562	0.8696	0.186708	1	1
CG10512	862.1192	-0.37956	0.105515	1	1
AsnS	134.3577	0.189356	0.208742	1	1
CG33284	7066.708	-0.18166	0.068738	1	1
Fibp	115.0845	-0.30632	0.192112	1	1
CG33285	763.184	-0.11957	0.105419	1	1
siz	288.4744	0.006658	0.142699	1	1
Adgf-A	323.0169	-0.47775	0.15478	1	1
Pep	1680.865	-0.59819	0.084779	1	1
CycT	1345.65	0.288517	0.116724	1	1
Nedd4	1638.809	-0.10675	0.089008	1	1
CG5059	314.6698	0.07854	0.130956	1	1
CG5618	42.7392	0.082363	0.265419	1	1
CG5151	7.517692	-0.03531	0.396432	1	1
elg1	53.17912	-0.18073	0.246718	1	1
Taf4	887.0298	-0.04639	0.115124	1	1
CG6244	72.61544	-1.03695	0.292779	0.372832	1
CG7304	1.937575	0.016629	0.598049	1	1
AIMP2	533.6	-0.7252	0.142799	1	1

CrebA	100.0067	0.057767	0.214741	1	1
Eip71CD	182.1189	0.366523	0.18323	1	1
CG12355	617.6788	0.759446	0.112601	1	1
CG7276	363.0004	0.499349	0.146007	1	1
CG7255	123.6482	0.053264	0.206211	1	1
ind	1.141828	0.210833	0.683962	0.296441	1
Rpn12R	1453.223	0.187426	0.08917	1	1
CG17839	366.9119	-0.38971	0.157404	1	1
CG9425	213.481	0.445303	0.188163	1	1
Trl	30.30951	0.219647	0.3071	1	1
CG13476	2041.623	0.709927	0.110419	1	1
dlp	149.9754	-0.38161	0.210412	1	1
shd	97.59911	0.896852	0.248103	0.775453	1
CG33262	0.875194	-0.02696	0.540431	1	1
CG33263	2.659803	1.007797	1.494001	0.023158	1
Or69a	0.755316	-0.13865	0.632098	0.453328	1
CG10638	362.4439	-0.3834	0.131071	1	1
SCaMC	642.6375	0.403536	0.114639	1	1
Ncc69	416.3962	0.356939	0.166473	1	1
app	719.9844	0.341586	0.108113	1	1
Muc68E	0.819722	0.037092	0.557719	1	1
CG11658	500.9862	-0.02496	0.111745	1	1
Sugb	129.5256	-0.42366	0.215641	1	1
CG18815	943.0917	-0.20678	0.106771	1	1
Muc68Ca	7.676019	0.095174	0.395854	1	1
CG33269	9.118238	-0.62184	0.64799	0.237643	1
CG33270	4.809312	-0.1561	0.449435	1	1
CG33271	1.200435	0.046202	0.546122	1	1
CG33490	994.9152	1.070831	0.129098	0.366635	1
CG33267	4.571247	0.027767	0.42476	1	1
CG33272	4.212909	0.174651	0.461332	0.993409	1
CG33500	11.12697	0.347223	0.432244	0.925278	1
scyl	407.8115	-0.04972	0.148581	1	1
CG6216	1.354906	0.093789	0.556315	0.771939	1
CG43693	256.6285	0.17189	0.151534	1	1
NijA	9.267614	0.070904	0.391722	1	1
CG33493	31.60788	-0.76122	0.382837	0.642852	1
Ilp5	0.826262	0.103749	0.623039	0.546224	1
CG8177	199.5158	0.328394	0.195323	1	1
Naa60	41.75492	-0.44148	0.290939	1	1
Pdxk	156.4943	0.328805	0.167752	1	1
Clk	802.7246	0.783824	0.160044	1	1
CG32373	65.00437	0.108393	0.2216	1	1
PGRP-LA	55.86218	0.240346	0.248121	1	1
Urm1	12.28054	0.03355	0.358786	1	1
Pura	372.7197	-0.05145	0.126981	1	1
Gug	219.0833	-0.23626	0.181475	1	1
frac	8.675043	-0.43584	0.513187	0.545434	1
lqf	2463.791	0.069164	0.098061	1	1
Atg18a	168.3385	-0.32033	0.167438	1	1

ldbr	70.64399	-0.22098	0.232189	1	1
CG42458	79.37941	0.140831	0.238633	1	1
smid	373.802	-0.20375	0.130671	1	1
velo	1695.81	0.571458	0.130841	1	1
dikar	982.9933	0.937399	0.306728	0.53347	1
axed	1048.774	0.603832	0.107753	1	1
MCU	734.307	-0.10008	0.099171	1	1
Usp47	3877.581	-0.00597	0.113716	1	1
CG12605	1963.706	0.610777	0.112448	1	1
Ubi-p63E	8289.269	0.382452	0.118425	1	1
enc	654.1263	0.226339	0.14201	1	1
PIG-B	493.1659	-0.32235	0.12089	1	1
CG32264	938.6841	1.176037	0.127661	0.087403	1
CycJ	54.00867	-0.11727	0.235137	1	1
kst	255.5257	0.146315	0.195205	1	1
ckd	3.424986	0.257485	0.552908	0.518691	1
Larp4B	1747.67	-0.10919	0.109875	1	1
Girdin	218.7207	-0.12123	0.176166	1	1
CG11486	364.9443	0.221326	0.13916	1	1
CG1271	222.0949	-1.20467	0.174791	0.106469	1
CG33234	668.4456	0.383625	0.110603	1	1
CG33233	1236.757	0.285067	0.089888	1	1
Pxn	97.68726	0.004036	0.200376	1	1
msn	350.2122	-0.28019	0.159189	1	1
CG16758	6689.684	-0.30685	0.077636	1	1
Svil	7136.825	0.245399	0.108118	1	1
CG1275	1147.447	-0.17635	0.129928	1	1
zormin	301.8219	0.447409	0.175178	1	1
CG42676	72.48854	0.029162	0.219441	1	1
Dhc62B	703.3795	0.795535	0.150069	1	1
CG13921	83.73896	0.27593	0.231925	1	1
nSyb	142.6323	0.74993	0.225698	1	1
CG33230	144.5639	0.107429	0.176379	1	1
pns	797.78	0.060657	0.111639	1	1
CG32318	1.0257	0.064905	0.528642	0.987887	1
trio	401.0685	-0.0286	0.13266	1	1
CG12038	112.5662	-0.35391	0.209507	1	1
miple1	3.622635	-0.08984	0.446397	1	1
E(bx)	1066.381	0.103788	0.104054	1	1
CG33229	62.93068	0.246042	0.248148	1	1
rno	182.3954	-0.3003	0.166058	1	1
Vdup1	19.10939	-0.13919	0.339115	1	1
RpL19	3691.766	-0.46631	0.099051	1	1
CG33228	82.32595	-0.36246	0.23161	1	1
Start1	161.626	0.001708	0.164812	1	1
Slik	1135.858	0.215206	0.117093	1	1
AANAT1	131.7233	0.358944	0.183869	1	1
CG34370	13.71514	-0.24747	0.405137	1	1
CG5504	3000.663	0.193408	0.086617	1	1
CG9294	44.68448	-0.18799	0.276036	1	1

Pal2	6.699515	0.172482	0.434184	1	1
CG33225	449.7742	0.636763	0.127413	1	1
CG33226	1.086571	0.082612	0.574412	0.752367	1
Fatp2	630.6952	0.634785	0.139398	1	1
MESK2	2100.004	0.037065	0.085114	1	1
CG9826	8.886923	0.290816	0.448167	0.903628	1
Liprin-gamma	286.8955	0.293786	0.15516	1	1
ktub	175.4944	0.577764	0.186929	1	1
RIC-3	40.63713	-0.07335	0.26437	1	1
dpr1	45.50376	0.496518	0.324448	1	1
HnRNP-K	966.9894	-0.28517	0.099389	1	1
PCNA	272.2234	-0.39864	0.153092	1	1
Obp56g	3.527361	0.202577	0.568968	0.51961	1
mei-W68	22.55835	-0.28004	0.334192	1	1
Obp56c	4.305264	-0.11677	0.448108	1	1
par-1	351.3633	-0.34478	0.149181	1	1
CG33453	1.181918	-0.21337	0.685413	0.293166	1
Dp1	448.4592	-0.22814	0.162675	1	1
sbb	321.3213	-0.08348	0.152571	1	1
olf186-F	664.5811	-0.021	0.102937	1	1
Sema1b	949.7309	-0.02221	0.099897	1	1
Patronin	539.0669	-0.10729	0.134304	1	1
CG4847	84.94191	-0.01209	0.420688	1	1
EDTP	195.7875	-0.32481	0.162957	1	1
CG30460	3597.683	0.734414	0.115349	1	1
RhoGEF2	148.1073	0.071078	0.174506	1	1
CG8963	1047.414	-0.14425	0.093779	1	1
Ehbp1	896.0234	0.098473	0.111249	1	1
mute	278.3856	-0.30648	0.134814	1	1
Dek	597.6311	-0.58059	0.122279	1	1
Psi	553.3719	-0.28856	0.115097	1	1
resilin	29.76711	0.372016	0.341386	1	1
Sema2a	146.233	-0.16442	0.198114	1	1
CG33459	0.820004	0.036021	0.571787	0.995892	1
CG33458	1.082867	-0.12661	0.628346	0.482474	1
Lis-1	299.3106	-0.35285	0.136443	1	1
Rho1	1890.808	-0.38227	0.089144	1	1
casp	1435.056	-0.04094	0.088977	1	1
Mlf	3064.949	0.21809	0.084735	1	1
CG33463	0.292188	-0.04954	0.621123	0.77256	1
chn	65.44237	-0.13133	0.241673	1	1
CG10265	472.7027	0.322988	0.128064	1	1
CG7639	707.7596	-0.09306	0.104914	1	1
CG33468	3.731068	-0.11968	0.473629	1	1
CG33469	8.050647	-0.27107	0.474104	0.800164	1
tra2	562.4477	-0.00232	0.117848	1	1
Cpsf160	169.2462	-0.11059	0.160197	1	1
cact	461.7037	-0.01707	0.119681	1	1
mam	157.2482	-0.03894	0.19198	1	1
Obp50a	12.15732	-0.03788	0.352846	1	1

CG8878	709.9499	0.059428	0.10759	1	1
CG15270	6.179535	0.106934	0.41042	1	1
CG33310	326.0007	0.120255	0.139179	1	1
FLASH	399.1492	-0.0952	0.123721	1	1
nompA	1.809275	-0.04336	0.498974	1	1
CG33308	2364.509	0.148956	0.083121	1	1
Syx6	461.976	0.574464	0.119811	1	1
CG18420	0.85651	0.174731	0.672051	0.33826	1
CG18636	6.13626	0.118533	0.428084	1	1
CG13168	4332.338	0.882649	0.09463	1	1
shn	225.8137	0.09215	0.155133	1	1
elB	47.99837	0.085914	0.262343	1	1
Dyrk2	317.0581	0.274825	0.149937	1	1
Cyp12d1-d	0.875342	0.04549	0.542924	1	1
luna	43.12008	0.000988	0.270062	1	1
CG7220	2405.16	0.597813	0.080022	1	1
nAChRalpha5	1.663987	0.001839	0.495573	1	1
lola	1147.975	-0.17343	0.099187	1	1
CG33306	7.642544	1.035767	1.005153	0.05099	1
CG33307	103.3532	-0.12527	0.200178	1	1
Cyp49a1	104.7234	1.176803	0.2575	0.181129	1
Galphao	208.6729	0.320204	0.152659	1	1
CG33474	12.26727	0.087623	0.36998	1	1
CG33475	1.005139	-0.08576	0.583933	0.711032	1
CG33476	1.029697	0.169321	0.659264	0.363629	1
Ndg	21.60645	-0.07833	0.309563	1	1
CAP	280.0893	0.14044	0.158662	1	1
14-3-3zeta	2168.185	-0.44172	0.088975	1	1
egr	55.57157	-0.16862	0.23617	1	1
CG12128	407.4458	0.74838	0.153132	1	1
SC35	451.2486	-0.76735	0.129121	1	1
Mef2	90.65942	0.149228	0.238365	1	1
vir-1	4966.225	-0.11532	0.206963	1	1
Mmp2	57.90254	-0.49365	0.288027	1	1
CG31705	1318.9	-0.30589	0.138248	1	1
Ca-beta	16.36788	-0.28338	0.379616	1	1
brp	252.0079	0.319727	0.194912	1	1
alc	384.2199	0.006722	0.132869	1	1
Wdr59	879.6597	0.156839	0.098692	1	1
CNT2	1.981037	-0.11309	0.541965	0.764053	1
CG33303	750.7901	-0.13168	0.10348	1	1
mtt	8.258545	-0.03494	0.37901	1	1
rho-5	23.17157	0.179758	0.316773	1	1
Mal-A6	56.2191	0.64143	0.30501	1	1
Cpr31A	30.53239	1.44653	0.485508	0.046009	1
CG33301	8.696344	0.274483	0.452153	0.901252	1
rnh1	846.8434	-0.11796	0.102253	1	1
Muc30E	3.396859	0.391497	0.801605	0.153415	1
CG12159	566.9774	0.748395	0.110149	1	1
nAChRalpha6	9.757229	-0.30819	0.448252	0.885571	1

CG12822	97.72501	-0.01106	0.212062	1	1
Corin	21.20175	0.493707	0.432316	0.787364	1
CG33299	0.237764	-0.00449	0.605571	1	1
Pka-C1	274.3771	-0.12246	0.141312	1	1
Aldh-III	813.9949	-0.29109	0.095189	1	1
Apoltp	74.10665	-0.43281	0.248288	1	1
Dscam1	196.2653	-0.19383	0.178533	1	1
Oatp30B	2833.542	-0.10902	0.10386	1	1
CG30159	376.2321	-0.02588	0.117218	1	1
vimar	112.9484	-0.33479	0.207455	1	1
CG33298	183.2881	0.095297	0.167522	1	1
ppk25	0.757363	0.121448	0.62725	0.495095	1
CheB42c	21.16566	0.177976	0.316996	1	1
CG3748	1179.229	-0.00653	0.093619	1	1
Spn42Da	159.9189	-0.06774	0.166626	1	1
Aasdh	41.13466	-0.27524	0.277008	1	1
CG42820	3705.361	0.623157	0.108207	1	1
CG13384	202.3143	-0.55488	0.172931	1	1
AlaRS	703.184	-0.60231	0.114296	1	1
coro	1219.102	0.106205	0.085515	1	1
CG8086	1082.903	0.18651	0.103365	1	1
Eb1	4354.713	0.268593	0.070738	1	1
Adf1	212.9648	-0.44505	0.161051	1	1
Pvr	305.4198	-0.15079	0.137674	1	1
jing	69.98791	-0.19073	0.235347	1	1
Tbce	711.3871	0.202535	0.103403	1	1
CG7231	74.9735	-0.06161	0.209178	1	1
Atf6	90.36356	-0.53061	0.241698	1	1
CG33296	1.38092	0.100642	0.539144	0.811647	1
Gr28b	0.82896	0.051916	0.572887	0.898931	1
CG2225	657.7428	-0.00235	0.113668	1	1
CG9270	135.8873	0.798964	0.20756	1	1
AkhR	156.4043	0.361305	0.183368	1	1
sky	5.559745	-0.01113	0.415004	1	1
CG9596	55.07218	-0.20663	0.259746	1	1
frj	162.8361	0.173828	0.17286	1	1
CheB38b	2.691718	0.721608	1.201127	0.045165	1
chic	2954.884	-0.07685	0.079207	1	1
CG33322	2659.733	0.818375	0.092902	1	1
vari	164.1838	-0.14857	0.167329	1	1
COX4	699.002	-0.60107	0.10719	1	1
CG10481	35.57297	1.106999	0.436385	0.193107	1
eIF3h	1291.089	-0.05858	0.089898	1	1
sick	260.5344	-0.45474	0.158587	1	1
Rtnl1	1976.263	0.158115	0.087845	1	1
CG33281	250.7123	0.658657	0.165612	1	1
Syt1	13.55826	-0.22045	0.368765	1	1
bsh	0.279605	0.016717	0.607437	1	1
CG13083	0.978803	-0.01245	0.542928	1	1
brat	100.1136	-0.00218	0.223615	1	1

colt	831.4659	-0.30852	0.115752	1	1
Nak	207.8303	-0.01563	0.167169	1	1
Pgant2	25.62085	-0.24902	0.329532	1	1
CG31690	17.26257	0.07124	0.332913	1	1
mdy	36.07903	0.066213	0.266855	1	1
Slh	484.6476	-0.13201	0.111683	1	1
GramD1B	481.3648	0.117491	0.149729	1	1
wry	1.548043	-0.09687	0.535917	0.836208	1
squ	498.3915	0.266874	0.13021	1	1
E23	34.92994	-0.21504	0.2928	1	1
rempA	83.76749	-0.1517	0.231281	1	1
AP-2alpha	214.9595	-0.00595	0.164484	1	1
Plc21C	127.6012	-0.12258	0.1857	1	1
CG3164	227.7841	-0.15927	0.157471	1	1
Sam-S	308.6346	-0.35314	0.144415	1	1
Gyf	766.4618	0.06776	0.098793	1	1
bt	415.4531	-0.09894	0.161846	1	1
dati	9.934211	-0.07694	0.386759	1	1
Hcf	721.0226	0.057099	0.102052	1	1
Zip102B	375.9465	-0.4057	0.14478	1	1
Syt7	21.45768	-0.92242	0.536833	0.237744	1
Nfl	2.735831	-0.02744	0.481747	1	1
CG1674	76.89943	0.020794	0.241881	1	1
anne	250.3836	-0.27716	0.140919	1	1
l(1)G0196	883.6369	0.048699	0.104365	1	1
Cp110	1006.244	-0.23919	0.097521	1	1
RhoGAP16F	29.09852	0.059727	0.308523	1	1
CG43658	263.9907	0.385061	0.168462	1	1
CG5613	195.0072	0.220174	0.163573	1	1
CG8611	29.37142	-0.2514	0.299483	1	1
CG5445	794.2346	0.323912	0.117672	1	1
f	17.59983	-0.22369	0.3496	1	1
eas	492.2862	0.265868	0.116927	1	1
CG43672	108.6673	0.413766	0.24053	1	1
Ranbp16	1354.287	0.623464	0.115016	1	1
CG33172	18.87641	-0.27072	0.348968	1	1
CG9213	39.5609	-0.10942	0.265018	1	1
CG15643	15.52026	-0.06224	0.348113	1	1
Gmap	700.7635	-0.01843	0.119719	1	1
CG6299	2.774022	0.114442	0.481718	1	1
CG33177	0.743636	-0.07734	0.591749	0.720101	1
CG14414	214.7695	-0.57325	0.168127	1	1
inaE	48.88488	0.083839	0.257919	1	1
Nna1	3634.377	0.104521	0.196228	1	1
Ant2	4374.282	-0.32799	0.077167	1	1
CG17754	394.3492	0.549067	0.155533	1	1
CG12118	1064.599	0.036849	0.093874	1	1
His3,3B	1500.714	-0.16887	0.088621	1	1
CG7766	280.6946	-0.32235	0.153714	1	1
CG10962	12.7126	0.21887	0.375858	1	1

CG33181	178.8512	0.073731	0.162232	1	1
Tbh	29.86248	-0.09767	0.292507	1	1
Inx7	23.37803	-0.328	0.347074	1	1
C3G	191.4309	0.235325	0.178974	1	1
cm	90.68426	-0.14977	0.216937	1	1
MAPk-Ak2	248.7914	-0.8724	0.157356	1	1
CG15771	140.2933	-0.19564	0.193629	1	1
CG33080	26.34203	-1.20641	0.503019	0.116354	1
CG2930	1213.999	0.10583	0.125176	1	1
heph	2588.461	-0.11024	0.077185	1	1
hdc	267.3058	0.335233	0.140835	1	1
Tpi	4020.384	-0.08613	0.088451	1	1
CG11504	217.0158	0.219168	0.148595	1	1
Doa	258.2535	-0.01448	0.139144	1	1
WASp	508.9154	-0.02931	0.116313	1	1
CG1646	615.2684	-0.05161	0.108858	1	1
Ppn	377.4133	0.35501	0.275222	1	1
CG33213	99.15236	0.05413	0.219069	1	1
Gr97a	13.82938	0.359667	0.433279	0.908048	1
Hex-t1	534.6553	1.034109	0.143973	0.524052	1
LpR2	132.3682	-0.35516	0.190844	1	1
ash2	346.0884	-0.05656	0.125193	1	1
mask	1087.789	0.112105	0.219991	1	1
twin	7306.884	0.35038	0.103604	1	1
CG5515	491.9106	0.130515	0.118	1	1
Root	2259.299	0.263495	0.128703	1	1
eIF4EHP	521.9868	-0.08444	0.11876	1	1
CG33108	36.80003	-0.15092	0.288274	1	1
CG12268	2.439356	0.105792	0.48572	1	1
sba	261.435	0.178988	0.162535	1	1
sav	182.7268	-0.18324	0.16231	1	1
CG7029	216.8359	-0.2992	0.186404	1	1
Efa6	594.7169	0.226373	0.125077	1	1
CG33110	66.47422	0.507325	0.261909	1	1
CG33107	104.4034	-0.1815	0.20727	1	1
CG33093	8.981796	-0.02469	0.378738	1	1
CG33099	6.212299	-0.00232	0.406491	1	1
CG7059	1773.058	0.039553	0.082791	1	1
P5CDh2	8.108906	-0.5834	0.680299	0.213332	1
mod(mdg4)	338.5763	-0.32844	0.13692	1	1
Synd	943.8017	0.112622	0.107522	1	1
MtnD	4.512495	-0.13299	0.455629	1	1
tinc	146.252	0.336493	0.18585	1	1
Nsf2	352.3857	-0.04547	0.130677	1	1
CG9297	37.87009	0.464851	0.313417	1	1
Keap1	50.12615	0.166851	0.265966	1	1
gish	6883.591	-0.05596	0.078581	1	1
B52	903.0639	-0.57025	0.097647	1	1
pxb	23.80439	0.023852	0.303705	1	1
Hsc70-4	12654.23	0.090575	0.080172	1	1

CG10126	3366.611	-0.14136	0.089022	1	1
Hsp70Bbb	25.98831	-0.04838	0.468111	1	1
CG33098	187.7356	0.212384	0.181521	1	1
mfas	7127.696	-0.13686	0.191831	1	1
CG31211	526.2508	-0.11722	0.108418	1	1
Kyat	313.1181	-0.21155	0.138008	1	1
ClC-a	75.86139	-0.12408	0.23646	1	1
Csk	659.9427	-0.48679	0.110939	1	1
sals	85.24128	0.140428	0.235441	1	1
pros	148.2107	0.660638	0.236641	1	1
Cad86C	41.24859	0.049545	0.280499	1	1
CG14691	711.331	0.658168	0.119972	1	1
CG14683	306.3539	-0.49265	0.145559	1	1
Syn	13.16149	0.138853	0.356058	1	1
eca	251.8588	0.080425	0.14489	1	1
CG8312	423.7689	0.192112	0.127419	1	1
Kap-alpha3	2062.292	0.283405	0.087111	1	1
CG8176	1066.489	0.155995	0.1064	1	1
JHDM2	34.03158	-0.06761	0.291732	1	1
mRpL47	208.4961	-0.55261	0.188673	1	1
pum	216.4028	0.137186	0.156857	1	1
pyd	348.9582	-0.5898	0.152839	1	1
aqz	469.8197	-0.23121	0.127374	1	1
CG33189	2569.768	0.054355	0.084436	1	1
CG33191	1168.563	0.055555	0.093074	1	1
CG1142	256.6027	-0.15664	0.157255	1	1
CG1988	8273.483	-0.06451	0.075931	1	1
Ama	15.93285	-0.12156	0.344535	1	1
bcd	8.884478	0.308146	0.458032	0.8391	1
dpr11	5.087897	0.113986	0.431222	1	1
smash	441.5401	-0.02252	0.145388	1	1
CG32945	733.3755	0.297135	0.10685	1	1
CG42724	696.5014	0.244206	0.103368	1	1
CG32944	497.1149	0.086946	0.110514	1	1
CG12746	309.3954	0.020699	0.137188	1	1
CG9795	536.721	-0.00952	0.10723	1	1
tacc	1218.37	0.141359	0.093624	1	1
CG33170	1732.137	-0.12223	0.088677	1	1
CG33169	41.52333	-0.15024	0.255733	1	1
IleRS	550.607	-0.51766	0.123343	1	1
Glg1	506.3776	0.054515	0.124706	1	1
CG33056	52.332	-0.09979	0.254281	1	1
CG33054	381.329	0.895746	0.149583	1	1
isoQC	63.10451	-0.00789	0.245763	1	1
CG5969	252.4019	0.018931	0.150476	1	1
in	4.983809	0.151521	0.454908	1	1
eRF1	3350.223	0.009482	0.067026	1	1
rdgC	7.596077	-0.01297	0.398241	1	1
Nca	333.1131	-0.16436	0.1377	1	1
CG7646	30.89153	-0.03226	0.27884	1	1

wnd	62.5002	0.305528	0.258514	1	1
CG33062	72.04118	0.093281	0.219365	1	1
CG32206	11.5824	0.466256	0.510298	0.538784	1
pip	164.3123	0.361058	0.174682	1	1
nes	782.5342	-0.08417	0.098819	1	1
CG18135	587.7626	-0.51377	0.123263	1	1
Gorab	26.63494	0.075285	0.293953	1	1
CG33051	91.75445	-0.59764	0.230128	1	1
CG7730	495.3666	0.051567	0.113178	1	1
Nc73EF	1017.589	-0.0316	0.108531	1	1
CG9674	771.5315	-0.19118	0.130121	1	1
CG9692	863.8507	-0.24248	0.102493	1	1
CG33158	468.0264	0.114769	0.129312	1	1
fax	1422.213	-0.29452	0.093396	1	1
CG33060	1068.329	0.109631	0.099772	1	1
Zn72D	528.1134	-0.19364	0.120645	1	1
comm3	9.587452	0.005051	0.37629	1	1
CG17364	30.93648	-0.19474	0.284936	1	1
Rgl	45.56396	0.275067	0.280174	1	1
Ptp69D	381.7028	0.121442	0.130458	1	1
Est-6	107.5561	-1.16909	0.287474	0.190178	1
Mocs1	77.80083	0.402817	0.243136	1	1
CG6527	2463.868	-0.00162	0.075976	1	1
CG43897	531.8842	0.238466	0.146662	1	1
ldh	3073.312	0.297344	0.074682	1	1
SrpRbeta	113.7716	-0.31203	0.200486	1	1
mthl7	2.235451	-0.06627	0.48843	1	1
Zasp66	164.0949	-0.14878	0.181552	1	1
mthl6	2.658277	0.02875	0.477804	1	1
Mp	160.8083	-1.09761	0.255077	0.295829	1
CG6282	24.94713	0.50295	0.416718	0.842211	1
ergic53	652.5331	-0.10271	0.12051	1	1
Lcp65Ae	2.473621	0.005691	0.461955	1	1
mthl2	27.72948	1.188938	0.539215	0.113911	1
slow	52.0723	0.095866	0.243832	1	1
CG33160	3.209989	-0.01938	0.459318	1	1
CG33159	0.498868	0.076761	0.625001	0.627963	1
stet	26.54373	1.109462	0.555786	0.138644	1
Ctr9	696.3169	-0.55555	0.111174	1	1
mthl10	351.8948	-0.28394	0.144482	1	1
Mlp60A	261.7007	-0.23725	0.145594	1	1
retn	188.3569	0.024279	0.183577	1	1
Eglp2	8.201096	0.176743	0.408582	1	1
Gr59f	19.98966	-0.62485	0.441581	0.630825	1
Gr59e	10.97098	-0.1018	0.362762	1	1
Obp59a	0.996153	0.158648	0.650762	0.38964	1
CG30275	1140.778	0.220518	0.104012	1	1
CG43325	1.524718	0.052177	0.522733	1	1
CG33143	66.23632	0.202466	0.244358	1	1
VepD	0.795641	0.040255	0.560441	1	1

dom	653.89	-0.3178	0.13527	1	1
ASPP	67.15609	-0.05914	0.256346	1	1
grau	154.2809	-0.4116	0.171875	1	1
CG10543	184.4808	-0.21527	0.206495	1	1
hbn	0.331008	0.016717	0.607437	1	1
Jheh2	504.4782	-0.28653	0.117804	1	1
CG15097	47.73293	-0.10721	0.263444	1	1
Hs3st-A	122.073	0.379364	0.203261	1	1
List	0.568136	-0.00279	0.583899	1	1
CG33136	1220.351	0.131303	0.108565	1	1
GEFmeso	130.6158	-0.15634	0.209642	1	1
pen-2	110.3816	-0.04763	0.191037	1	1
mthl4	158.0325	0.248968	0.188576	1	1
mbi	222.9276	-0.13643	0.149486	1	1
CG33017	3362.353	-0.16993	0.102978	1	1
calypso	176.5453	0.318568	0.166495	1	1
CG4945	16.10209	0.052562	0.343296	1	1
Syn2	249.0994	0.216412	0.157459	1	1
Asph	292.3069	0.098774	0.129172	1	1
Dg	596.8075	0.125214	0.104979	1	1
Diap2	1433.709	0.142718	0.087849	1	1
bdg	982.3441	0.061657	0.115697	1	1
CG12970	0.389319	-0.00449	0.605571	1	1
Impbeta11	398.2906	0.136668	0.127135	1	1
Khc-73	814.0996	0.636127	0.12796	1	1
hbs	14.41967	0.432008	0.484255	0.640619	1
Su(var)2-HP2	493.8009	0.229202	0.122683	1	1
CG6329	18.51659	-0.06614	0.319992	1	1
CG33156	100.3925	-0.25165	0.221999	1	1
Kdm4B	115.0324	0.437826	0.197926	1	1
CG33137	4.320449	0.183674	0.532573	0.65782	1
AGBE	242.4079	-0.36809	0.147079	1	1
Sans	111.258	0.227905	0.202932	1	1
vis	600.0801	-0.06818	0.111495	1	1
CG33012	1.155096	0.169658	0.653581	0.372873	1
CG13164	20493.06	0.716206	0.107035	1	1
GalT1	85.69068	-0.01275	0.207259	1	1
mthl13	3.222545	0.304658	0.610538	0.362196	1
CG33144	976.2876	0.292738	0.133141	1	1
KCNQ	20.11744	0.069539	0.348662	1	1
COX7C	275.4575	-0.54264	0.153049	1	1
l(2)k10201	184.6643	0.189559	0.189292	1	1
Pkn	232.9455	0.079331	0.145175	1	1
CG32985	7.711602	0.000227	0.554835	1	1
CG13741	38.04224	-0.22037	0.280967	1	1
CG33140	963.5572	0.771899	0.127518	1	1
Debcl	240.1119	0.658097	0.159213	1	1
CG8080	275.8135	0.059714	0.141473	1	1
SCAP	125.9852	0.210501	0.184379	1	1
sns	23.36988	0.113222	0.315154	1	1

LRP1	151.8588	0.217033	0.177022	1	1
CG14764	251.3949	-0.25961	0.147223	1	1
CG43340	185.3635	0.227178	0.181727	1	1
CheA29a	0.268107	-0.04679	0.619605	0.793673	1
Akap200	2824.879	-0.14774	0.087669	1	1
CG7102	2.241279	0.051202	0.487394	1	1
tkv	263.9475	0.289722	0.154272	1	1
CycK	446.724	-0.15771	0.130424	1	1
Tif-IA	847.6755	0.172272	0.120503	1	1
hoe1	1327.639	-0.14381	0.11248	1	1
Hf	56.83078	-0.62565	0.303817	1	1
Victoria	2.084471	-0.17288	0.592954	0.491979	1
fs(2)ltoPP43	636.4152	-0.10517	0.109245	1	1
CG3294	131.946	0.160081	0.182182	1	1
Hakai	104.8702	-0.43048	0.199899	1	1
fipi	25.60695	0.221676	0.339334	1	1
CG33120	14.85452	-0.51954	0.460125	0.662546	1
CG33116	117.4479	-0.12638	0.186803	1	1
ine	46.94549	0.173254	0.269573	1	1
CLIP-190	4581.668	0.895517	0.105585	1	1
mRpl27	111.6359	-0.13905	0.182889	1	1
beat-IIIb	3.006615	0.084269	0.4818	1	1
CG33003	0.486848	-0.05683	0.613306	0.753307	1
cutlet	58.85925	0.189478	0.240621	1	1
LeuRS	447.0102	-0.46681	0.119506	1	1
Gr23a	1.413165	0.067191	0.524164	0.99554	1
CG33125	2350.328	-0.13147	0.09221	1	1
oaf	621.9722	-0.41743	0.111921	1	1
NLaz	1339.223	-0.62053	0.12785	1	1
CG4297	25.1186	0.0787	0.320583	1	1
crq	414.8499	-0.58867	0.125827	1	1
Rab14	1773.059	-0.03459	0.082861	1	1
CG33127	3.984482	0.353995	0.638151	0.302798	1
CG33090	324.1773	-0.25308	0.138791	1	1
CG11023	630.2634	0.605881	0.130387	1	1
CG32971	804.8863	-0.51601	0.129615	1	1
CG43333	3.551501	0.190384	0.539975	0.622717	1
NimC2	6.631696	0.329953	0.53915	0.517884	1
NimB4	15.17816	0.044873	0.345172	1	1
NimB1	20.45559	0.455285	0.388175	1	1
Ance-2	15.61691	-0.14922	0.368036	1	1
Ank	858.7206	-0.09787	0.120129	1	1
bru2	223.6295	0.469601	0.184075	1	1
rho-6	173.1149	0.248563	0.167737	1	1
Gyc32E	15.30701	0.134503	0.351042	1	1
CG33129	1863.518	0.555118	0.096772	1	1
CG4658	135.9642	-0.34308	0.181951	1	1
CG5853	18.38563	-0.49507	0.431603	0.788933	1
CG13124	353.0477	-0.38252	0.138043	1	1
CG32982	121.0542	0.444077	0.215348	1	1

CG7084	14.15089	0.701535	0.586583	0.286346	1
SKIP	30.30194	-0.0148	0.283566	1	1
Ir94c	0.19466	-0.00449	0.605571	1	1
Ir94b	17.55257	-0.00622	0.330544	1	1
Ir94a	1.630092	-0.13033	0.563211	0.647773	1
how	109.1278	-0.12481	0.211178	1	1
pit	173.1365	-0.38326	0.188877	1	1
ND-42	1553.134	0.093964	0.089886	1	1
CG31431	124.8372	-0.2577	0.192221	1	1
CG31174	1387.467	0.571823	0.109981	1	1
CG6569	3635.811	0.353558	0.079359	1	1
Gr93c	0.985453	-0.05219	0.552786	0.961823	1
tsl	10.4322	-0.3895	0.493803	0.632995	1
GABA-B-R2	51.5205	-0.7225	0.336977	0.856703	1
CG42335	0.833821	-0.15367	0.672516	0.357363	1
CG31343	5.169795	0.432169	0.621237	0.31034	1
CG31176	11.88779	0.022378	0.364388	1	1
E2f1	177.1623	-0.04748	0.164427	1	1
bap	0.737255	-0.10213	0.612788	0.576843	1
CG3301	193.3573	-0.09945	0.155818	1	1
Rab1	288.8001	-0.16663	0.144705	1	1
SNF4Agamma	468.1533	0.079908	0.116884	1	1
CG31207	1.478412	-0.02277	0.502954	1	1
Calx	2196.592	-0.02196	0.116052	1	1
CG31191	1.913364	0.240741	0.672196	0.295971	1
RpS30	2388.697	-0.27787	0.115777	1	1
CG31223	51.66599	-0.1072	0.249663	1	1
Tak1	0.137974	0.016718	0.607437	1	1
CG31195	302.8567	-0.32799	0.156284	1	1
Cdk2	44.98806	-0.25595	0.269063	1	1
CG31205	35.18364	-0.64221	0.381209	0.816161	1
Nep4	872.4544	0.590682	0.126712	1	1
Pi3K92E	279.4603	-0.22693	0.147118	1	1
H	221.9596	-0.48143	0.152583	1	1
MFS9	1159.68	-0.50845	0.237964	1	1
Dic2	4073.506	0.465227	0.086226	1	1
TFAM	262.7081	-0.23484	0.149463	1	1
CG5191	163.2446	0.117164	0.168778	1	1
CG42668	2725.089	-0.10897	0.092067	1	1
Gr92a	7.512237	0.175398	0.433162	1	1
CG31206	2990.911	0.096516	0.074236	1	1
CG4390	2586.547	0.11146	0.093093	1	1
CG4836	82166.75	-0.11873	0.101282	1	1
CG31213	904.2225	1.029116	0.12272	0.560683	1
CG4538	5088.997	-0.28437	0.110736	1	1
CG4572	1524.708	0.347726	0.082607	1	1
CG4662	527.8639	0.120494	0.118398	1	1
CG31459	2725.707	0.051713	0.07892	1	1
bnl	148.5089	0.050655	0.189772	1	1
GluClalpha	123.4628	0.618598	0.226895	1	1

Naam	28.06229	-0.21522	0.300418	1	1
CG31220	24.24787	-0.03239	0.317072	1	1
subdued	112.0158	0.141822	0.198494	1	1
CG6231	185.2023	-0.0818	0.159648	1	1
CG31221	4.9216	-0.06809	0.441004	1	1
CG5316	614.3243	0.065713	0.10875	1	1
CG31244	2383.195	0.143522	0.082003	1	1
CG31245	2364.407	-0.20341	0.095094	1	1
CG31404	435.2377	0.090467	0.13224	1	1
Ino80	281.884	0.237023	0.143936	1	1
DI	72.01347	-1.23928	0.326949	0.126727	1
cry	170.3091	-0.52377	0.189868	1	1
CG31475	107.0965	0.999911	0.237838	0.519124	1
CG42359	91.70059	-0.27084	0.207634	1	1
CG11779	3256.881	0.23864	0.087559	1	1
ATPsynD	908.4306	-0.48374	0.105598	1	1
gukh	292.777	0.17018	0.151684	1	1
CG42613	44.49442	-0.1646	0.271765	1	1
Xrp1	723.9629	0.051997	0.133811	1	1
EndoA	873.9533	-0.37561	0.103297	1	1
CG31226	17230.76	-0.30353	0.086233	1	1
CG7720	102.0706	-0.61451	0.246166	1	1
Mekk1	137.6524	-0.02324	0.171912	1	1
dind	166.3674	-0.03599	0.162071	1	1
CG31230	446.2893	0.114716	0.119507	1	1
CG7702	189.2522	-0.46843	0.171602	1	1
CG31229	170.6211	-0.23027	0.170168	1	1
CG31231	3029.635	0.918499	0.10223	1	1
CG31224	799.939	0.442156	0.121863	1	1
CG14305	5814.721	0.045025	0.06517	1	1
koko	455.5527	-0.19762	0.116462	1	1
14-3-3epsilon	4383.665	-0.06085	0.072124	1	1
Vha100-2	308.0256	-0.01745	0.161494	1	1
gl	2.010546	-0.01231	0.496721	1	1
CG31235	7.422467	-0.07493	0.407255	1	1
PKD	263.4641	0.950028	0.164835	0.865174	1
Ssdp	135.0603	-0.18811	0.182391	1	1
I(3)05822	426.5027	0.098253	0.128767	1	1
CG7208	1488.054	0.642666	0.093998	1	1
wrd	670.7409	0.209469	0.105641	1	1
sr	6.067678	-0.05797	0.405467	1	1
htl	72.88823	0.726179	0.279473	1	1
cpo	423.3041	0.447513	0.133531	1	1
Lgr1	174.8271	0.3288	0.207063	1	1
CG31249	320.4437	-0.26706	0.131938	1	1
CG31360	421.3867	1.051825	0.16365	0.444534	1
CG31251	61.98016	0.05143	0.226242	1	1
CG7587	5.50839	-0.15394	0.436927	1	1
Hmx	2.605844	-0.00044	0.479784	1	1
P5cr-2	1.341271	0.115759	0.546821	0.739042	1

Sur-8	552.4606	0.066421	0.119611	1	1
CREG	123.0859	-0.51481	0.20321	1	1
CG31419	5.008437	0.011272	0.595363	1	1
CG31262	0.19466	-0.00449	0.605571	1	1
kuk	662.5885	0.021183	0.099827	1	1
Ns1	296.7683	-0.44039	0.156536	1	1
CG31268	1.004761	-0.20541	0.691311	0.290141	1
Dad	108.6522	0.180308	0.205515	1	1
abd-A	318.8537	0.35104	0.142127	1	1
CG31275	1361.119	0.554361	0.097393	1	1
CCT3	1088.067	-0.47202	0.097758	1	1
Fas1	796.7869	-0.43036	0.122027	1	1
Dhfr	36.05403	-0.02937	0.269655	1	1
Pak3	315.8343	-0.25219	0.152219	1	1
CG14881	50.87251	-0.40474	0.281158	1	1
CG31279	265.9783	0.51049	0.146296	1	1
CG14880	69.62957	-0.06092	0.24231	1	1
CG14879	12.04932	0.062665	0.365705	1	1
tara	27.43309	-0.22157	0.320692	1	1
CG31287	2473.972	0.173928	0.083444	1	1
msps	1224.344	0.148242	0.112683	1	1
pnr	4.03964	-0.01697	0.443074	1	1
Akt1	566.2314	-0.24477	0.112678	1	1
srp	105.9838	0.320507	0.225284	1	1
CG32855	1.498591	-0.27081	0.738921	0.21557	1
Mhcl	383.9288	-0.17756	0.132497	1	1
Hel89B	584.6201	0.46804	0.121012	1	1
CG32856	50.9166	-0.19225	0.263829	1	1
Sap47	335.0625	0.344495	0.13379	1	1
CG45105	4.686299	-0.26901	0.509919	0.652869	1
glob1	174.4391	-0.58406	0.182069	1	1
CG9632	3354.9	-0.17577	0.083659	1	1
Arpc3A	253.5091	-0.34761	0.158849	1	1
rec	23.48766	-0.83743	0.485686	0.350678	1
ns11	472.3798	-0.02967	0.113103	1	1
c(3)G	78.73316	0.232683	0.221691	1	1
CG31294	1683.955	0.926573	0.108578	1	1
CG31446	0.568136	-0.00279	0.583899	1	1
AOX2	37.60862	0.782198	0.389969	0.594552	1
CG31296	258.6678	-0.66526	0.153335	1	1
CG44014	36.94321	0.066665	0.280784	1	1
shakB	18.86878	-0.3155	0.359845	1	1
mnB	383.7264	-0.30377	0.134536	1	1
Atx2	760.0729	-0.10009	0.119259	1	1
CG6125	251.4531	0.169675	0.17156	1	1
Esyt2	710.2924	0.119643	0.121186	1	1
pnt	29.19126	0.031927	0.287314	1	1
CG34404	65.313	0.035292	0.223011	1	1
CG42542	104.8947	-0.0995	0.19178	1	1
Trax	333.6075	-0.08139	0.138055	1	1

CG5044	78.19228	-0.05828	0.226274	1	1
CG6236	101.7789	-0.51646	0.211651	1	1
Tm2	435.677	-0.45782	0.148145	1	1
CG17122	2309.774	0.459895	0.086005	1	1
blot	244.6856	-0.38777	0.170673	1	1
CG3982	12960.46	0.347431	0.080968	1	1
Tat	3015.653	0.055435	0.08168	1	1
Cp190	820.383	1.118973	0.142149	0.223983	1
CG43078	47.55002	0.316547	0.298397	1	1
eIF2gamma	716.1967	-0.4617	0.106549	1	1
ATP8A	1926.453	0.06396	0.084938	1	1
mRpS10	321.7984	0.28986	0.141496	1	1
Art3	445.8157	-0.05901	0.116842	1	1
Rpb7	155.5762	-0.25192	0.187054	1	1
Acsl	1293.03	0.029484	0.092977	1	1
Gyc88E	5.548834	0.012058	0.410609	1	1
Mf	227.1782	-0.10267	0.159654	1	1
CG42788	100.3931	-0.66001	0.233771	1	1
CG7530	146.0305	-0.24796	0.175461	1	1
UQCR-C1	3960.952	-0.11985	0.085456	1	1
Hexim	514.853	-0.34712	0.117245	1	1
Cad88C	11.18157	0.922371	0.727598	0.121453	1
His4r	1525.529	-0.02946	0.10018	1	1
smp-30	35.10741	-0.42319	0.422414	0.897622	1
eff	5348.912	-0.0645	0.097581	1	1
put	157.7032	-0.09825	0.164738	1	1
CG14853	1.680913	0.102445	0.527109	0.853203	1
stumps	104.5909	0.09574	0.219463	1	1
CG7987	392.4044	-0.42362	0.138524	1	1
CG31313	122.4765	-0.29154	0.214669	1	1
Map205	954.1369	0.165228	0.111341	1	1
CG2003	75.58647	-0.24726	0.23103	1	1
cv-c	682.1634	-1.00284	0.144044	0.669969	1
FeCH	656.0983	-0.26099	0.106764	1	1
ATPsynE	1487.774	0.357484	0.106091	1	1
CG1971	2442.133	0.058859	0.083558	1	1
Mccc1	346.8378	0.126513	0.139243	1	1
PR-Set7	323.6974	0.393446	0.143559	1	1
CG31321	19.42265	0.602779	0.463659	0.585184	1
faf	412.3491	-0.41609	0.136057	1	1
RplI15	171.3297	-0.38335	0.17818	1	1
CG1910	331.9705	-0.53205	0.14978	1	1
su(Hw)	274.8658	-0.48693	0.153498	1	1
red	1411.363	0.255777	0.090768	1	1
CG31533	2681.056	0.320173	0.086975	1	1
CG31327	2222.746	0.686513	0.093248	1	1
ttk	340.85	-0.12819	0.128832	1	1
Npc2b	85.44169	0.390044	0.23804	1	1
rdx	224.9225	0.169577	0.147556	1	1
Orc2	41.4901	-0.03472	0.268172	1	1

CG1815	439.3077	0.167272	0.138633	1	1
lpp	236.3846	-0.18866	0.150961	1	1
CG31517	45.9247	-0.10605	0.265721	1	1
ems	7.791464	-0.21512	0.466629	0.901199	1
CG31495	175.6868	0.365502	0.179094	1	1
Med	121.3708	-0.09465	0.184228	1	1
Dip-B	3070.47	-0.35618	0.116203	1	1
CycG	2059.63	-0.05407	0.094368	1	1
RpL6	3850.553	-0.35039	0.096981	1	1
gammaCOP	434.9775	-0.26655	0.117036	1	1
nyo	10.54754	0.030211	0.379181	1	1
CG31469	14.48645	-0.58362	0.482827	0.546088	1
CG11334	243.541	-0.46709	0.145902	1	1
flfl	751.3442	0.461443	0.106757	1	1
f-cup	3681.929	0.053978	0.085675	1	1
CG31204	4107.677	-0.15149	0.074083	1	1
PNPase	166.8641	0.03615	0.16813	1	1
Lkb1	1715.387	0.027192	0.100793	1	1
gskt	4544.009	0.152498	0.084132	1	1
qlless	111.0872	-0.05687	0.187593	1	1
CG12054	348.1249	-0.176	0.123587	1	1
ATPsynC	3033.362	-0.6329	0.095525	1	1
Zwilch	189.853	-0.15945	0.176997	1	1
mesh	145.6234	-0.12564	0.179491	1	1
stops	21.35944	-0.13521	0.324099	1	1
Alp4	184.5383	-0.23936	0.206546	1	1
rin	3828.262	0.367815	0.103453	1	1
CG31007	3002.985	-0.16006	0.088813	1	1
CG31008	1455.717	-0.12065	0.097945	1	1
Sap-r	6101.755	-0.27269	0.077713	1	1
cindr	573.1316	0.319789	0.11634	1	1
CG9759	0.292188	-0.04954	0.621123	0.77256	1
CG31337	66.13035	0.396418	0.294971	1	1
Act87E	4068.954	-0.22053	0.085339	1	1
wt5	189.2755	-0.04323	0.164699	1	1
zfh1	107.0319	0.19569	0.218089	1	1
Droj2	6291.793	0.132807	0.072561	1	1
Npc2h	258.0968	0.321098	0.157115	1	1
CG31010	1987.868	0.093317	0.079956	1	1
mRpS21	120.1175	-0.25244	0.207221	1	1
Pka-C2	1648.95	0.132537	0.07969	1	1
CG12069	2236.75	-0.16642	0.081399	1	1
CG8870	30.29354	0.236707	0.305972	1	1
PH4alphaPV	1.524195	-0.25342	0.744952	0.215088	1
CG9813	100.0187	0.684521	0.232092	1	1
CG31013	804.5514	0.679406	0.108779	1	1
CG31016	1.843471	0.189367	0.595017	0.467811	1
CG31021	15.88284	0.112916	0.497822	0.950285	1
CG31019	1.837556	-0.01059	0.497567	1	1
CG2246	228.3601	-0.34091	0.163188	1	1

PH4alphaNE2	7.755233	0.002606	0.594188	1	1
Dic1	274.2617	0.068087	0.142467	1	1
TBC1D5	78.99924	-0.26901	0.219702	1	1
mthl12	1.926346	0.338142	0.76408	0.182811	1
Ravus	114.1033	-0.26267	0.194539	1	1
PH4alphaSG1	5.165065	-0.02206	0.410566	1	1
CG8476	2670.301	-0.07475	0.080648	1	1
tmod	358.5012	-0.37362	0.13437	1	1
CG31371	3.616579	0.356082	0.638413	0.301909	1
PK2-R2	13.84629	0.23484	0.401207	1	1
CG8141	548.6928	0.624159	0.121735	1	1
sim	5.285669	-0.17859	0.466976	0.956746	1
CG32473	1508.286	0.015352	0.093519	1	1
spdo	1.923167	0.398986	0.852767	0.129022	1
CG46280	2530.645	0.548296	0.075786	1	1
jdp	27.95507	0.194623	0.302504	1	1
PH4alphaEFB	230.3893	-0.50959	0.185748	1	1
CG8774	6.419813	0.01652	0.596122	1	1
CtBP	374.9555	-0.63516	0.14638	1	1
CDase	46.22483	-0.28856	0.273261	1	1
Osi22	2.174775	-0.26232	0.649034	0.317448	1
CG31524	3.761215	0.043448	0.607902	0.847591	1
CG8630	13.03865	0.385322	0.450054	0.808025	1
CG7518	507.4993	-0.17409	0.123507	1	1
aralar1	136.822	-0.5922	0.205715	1	1
CG7381	31.62242	0.631274	0.374034	0.859571	1
Fer2LCH	3214.662	0.307958	0.080196	1	1
Cyp304a1	18.4431	0.293173	0.377077	1	1
Fer1HCH	3827.181	0.097451	0.075279	1	1
grsm	2929.727	-0.20427	0.085854	1	1
Men	3083.742	0.319972	0.094546	1	1
CG31345	0.275948	0.042618	0.616394	0.829472	1
CG31347	1376.408	0.170899	0.085414	1	1
Snx3	1532.049	-0.10278	0.081029	1	1
CG15530	3726.998	-0.03305	0.074621	1	1
Vha55	2080.573	-0.07819	0.085077	1	1
CG31028	18.2109	0.146475	0.358461	1	1
CG31030	108.7095	-0.67011	0.220784	1	1
Hsp70Ba	62.31289	0.02801	0.439599	1	1
CG31029	10800.95	0.333222	0.08939	1	1
Desat1	2029.36	-0.60319	0.092198	1	1
Ppi1	16045.13	-0.04871	0.090339	1	1
spn-A	115.0363	0.298053	0.204327	1	1
CG7943	72.26964	-0.42662	0.240887	1	1
RpL32	2195.818	-0.39154	0.114898	1	1
MBD-R2	741.3396	0.512218	0.118846	1	1
Axn	273.0917	-0.11982	0.152033	1	1
CG10038	232.2575	-0.13634	0.157504	1	1
svp	35.38354	0.351862	0.323712	1	1
CG3809	3598.649	-0.20035	0.075871	1	1

eIF3d2	2247.453	0.996758	0.087283	0.829705	1
Tace	133.6373	0.20398	0.189983	1	1
Cpn	5.467227	-0.04572	0.427773	1	1
Acph-1	402.8825	0.172155	0.124432	1	1
dpr15	10.71664	0.092005	0.371845	1	1
alpha-Man-Ic	2.44054	0.594421	1.119741	0.05705	1
dpr17	4550.71	0.187641	0.101246	1	1
Jon99Ciii	1.363481	0.205079	0.730007	0.245355	1
CG31036	16.03509	-0.36646	0.409603	1	1
ATP8B	268.9118	-0.07191	0.152996	1	1
CG14736	931.2317	0.723653	0.099956	1	1
KLHL18	226.6025	-0.30707	0.162281	1	1
Zip99C	2809.51	0.139949	0.079121	1	1
CG12213	423.0623	-0.02385	0.113452	1	1
Cad87A	86.59585	-0.25188	0.208314	1	1
Cad99C	9.201982	-0.09382	0.379461	1	1
glo	491.7066	-0.37598	0.13608	1	1
Atg16	1005.677	0.325401	0.097537	1	1
ca	285.6144	0.210351	0.155913	1	1
Sbf	575.1726	0.287229	0.136155	1	1
CG7834	199.8291	-0.72337	0.197571	1	1
ATPsyngamma	1072.717	-0.43677	0.096657	1	1
Wdr24	65.23903	-0.40457	0.258159	1	1
Lk6	1883.004	-0.61786	0.11192	1	1
Gnpnat	43.97761	-0.04373	0.255111	1	1
CG6923	674.8796	0.282428	0.131153	1	1
Taf12	78.71113	-0.3773	0.237146	1	1
Dop1R2	2.971855	-0.09474	0.477738	1	1
alph	1288.643	0.321041	0.102411	1	1
CG18476	129.4714	-0.00765	0.171441	1	1
CG31041	2.003739	0.019041	0.473777	1	1
CG6813	43.65284	-0.13422	0.262513	1	1
CG2010	17.93536	-0.20624	0.345882	1	1
CG2310	60.7692	-0.06281	0.26046	1	1
CG6808	102.7019	0.49579	0.215385	1	1
rdog	222.772	0.04409	0.152069	1	1
Jupiter	5897.109	0.943797	0.097651	1	1
CG14516	30.72326	0.140873	0.297416	1	1
Cnx99A	3162.376	0.409489	0.087571	1	1
Vha100-1	489.0576	-0.33242	0.122143	1	1
SP1029	20.55448	0.6258	0.499823	0.47524	1
dpr5	6.374332	-0.06351	0.414115	1	1
CG17230	2902.488	0.212637	0.094002	1	1
Usp1	490.9842	-0.22768	0.116572	1	1
CG6791	206.4066	-0.17288	0.156598	1	1
PGRP-LB	58.60858	0.011022	0.253845	1	1
wkd	185.6763	-0.35034	0.161119	1	1
eEF1gamma	3147.784	-0.52273	0.091687	1	1
Ctl2	1212.466	0.222849	0.104107	1	1
CG5270	305.9493	0.05392	0.161056	1	1

Pdhb	3645.912	-0.4248	0.088497	1	1
CG17734	252.813	-0.39552	0.165534	1	1
CG31441	46.95737	-0.27072	0.26964	1	1
spg	81.85187	-0.22642	0.24075	1	1
RpL3	4239.92	-0.61032	0.08957	1	1
snu	50.17576	-0.06985	0.253275	1	1
RpS25	4022.074	-0.37752	0.098937	1	1
CG31050	892.3683	0.013791	0.112614	1	1
cu	126.1177	0.020343	0.173318	1	1
Hrb98DE	4469.465	0.39517	0.091656	1	1
Adk3	3868.996	-0.04089	0.07838	1	1
Tpc1	273.8606	0.235986	0.136103	1	1
CG31051	4.881526	0.198837	0.455878	0.980978	1
Moca-cyp	435.4003	-0.35908	0.117864	1	1
larp	338.4936	0.025011	0.16193	1	1
Rbp1	570.6233	-0.27362	0.119334	1	1
CG45078	61.09919	0.026352	0.272191	1	1
BOD1	1527.878	0.142978	0.104884	1	1
NSD	450.226	0.897913	0.128303	1	1
mino	1204.35	0.482198	0.117736	1	1
CG31053	1.865396	-0.10937	0.528177	0.827965	1
CG31373	6.914089	-0.78855	0.772046	0.12489	1
CG31278	27.59135	0.179266	0.335513	1	1
CG31391	1696.895	1.180655	0.125029	0.077138	1
pug	273.488	-0.78784	0.156771	1	1
btz	156.5022	-1.17225	0.199142	0.168772	1
CG31055	2317.824	0.811938	0.099503	1	1
Mtl	1252.202	-0.10204	0.086027	1	1
mthl11	5.239074	0.198097	0.460006	0.960422	1
wdb	273.3897	-0.31129	0.163201	1	1
CG12592	197.8594	0.090083	0.155111	1	1
sle	1783.673	0.688287	0.128087	1	1
Timp	348.2802	-0.14931	0.154156	1	1
Gr98d	0.339783	0.051812	0.621542	0.757899	1
Gr98b	0.589228	0.014117	0.58199	1	1
CG5938	684.2451	0.499707	0.112334	1	1
tw5	682.2615	0.362939	0.108982	1	1
l(3)mbt	435.1098	-0.26673	0.12682	1	1
TfIIA-L	545.9573	-0.12188	0.107583	1	1
CG18766	108.3586	-0.41529	0.206579	1	1
ATPsynepsilonL	260.378	-0.41622	0.163823	1	1
DNApol-alpha73	50.18995	-0.08652	0.250382	1	1
CG31407	2798.968	0.224063	0.088563	1	1
spn-D	12.76309	0.381112	0.427	0.917361	1
grass	46.36873	-0.66291	0.311422	1	1
CG5815	228.0522	-0.39594	0.155141	1	1
spz	119.1653	-0.4205	0.209815	1	1
Gr85a	0.442588	0.067327	0.62329	0.672689	1
CG9458	6.512473	-0.2834	0.538876	0.543775	1
RpS29	3553.14	-0.28996	0.094963	1	1

MED6	158.7307	0.137604	0.168223	1	1
CG8478	1333.995	-0.0231	0.085021	1	1
Scm	281.0302	-0.04433	0.143425	1	1
Rpt3R	1090.66	-0.18133	0.097721	1	1
SpdS	12.80921	-0.11004	0.360936	1	1
PpD3	925.1282	0.523488	0.102726	1	1
Nep5	836.599	-0.04268	0.21779	1	1
Tsp97E	177.2942	-0.48841	0.175565	1	1
CG31077	13.56803	1.236704	0.734822	0.064672	1
CG6330	126.7335	-0.66237	0.221696	1	1
CG31415	1713.735	-0.19589	0.092126	1	1
CG31076	2.497466	0.215331	0.585265	0.465851	1
CG31075	500.1237	0.273149	0.122356	1	1
ro	6.891196	-0.094	0.406726	1	1
CG9399	112.2927	-0.54891	0.207315	1	1
CG14253	7.83775	0.02504	0.389321	1	1
Rb97D	957.3022	0.04266	0.116837	1	1
MBD-like	325.989	-0.23341	0.136836	1	1
mura	158.8576	-0.28223	0.183199	1	1
ball	702.8673	0.172855	0.109972	1	1
Lerp	194.3215	0.774393	0.181272	1	1
TI	81.10481	-0.07993	0.219895	1	1
ps	3546.299	-0.10209	0.089352	1	1
Yif1	608.3451	-0.0613	0.10075	1	1
beat-VII	14.24796	-0.50895	0.545446	0.430423	1
TwdlN	2.041738	0.174798	0.56218	0.572376	1
TwdlL	12.84112	0.031581	0.354596	1	1
CG9356	321.6729	0.283271	0.137932	1	1
RpL34b	1570.556	-0.43267	0.122983	1	1
scrib	461.5489	-0.41789	0.14048	1	1
FER	130.23	0.037441	0.186555	1	1
CG5455	462.1261	0.154724	0.113978	1	1
CG18473	11.22424	0.283313	0.403925	1	1
Hex-t2	5544.449	-0.2563	0.075513	1	1
pasi2	118.9048	-0.22939	0.195555	1	1
Aduk	123.934	-0.16722	0.188365	1	1
sage	286.2687	-0.40454	0.142707	1	1
D1	1720.685	0.092083	0.080315	1	1
CG31324	31.08305	-0.09274	0.295987	1	1
dysf	7.506792	0.103989	0.399668	1	1
RpL34a	614.1447	-0.41608	0.13538	1	1
neur	69.46694	-0.06874	0.239154	1	1
tgo	180.1986	-0.0889	0.165627	1	1
Nf1	520.2049	0.157529	0.144876	1	1
Kcmf1	1486.594	-0.01781	0.091394	1	1
CG11980	253.4491	-0.85361	0.173755	1	1
CG42235	3.528982	0.097496	0.466695	1	1
CG31089	0.437999	-0.01251	0.59815	1	1
CG31100	235.5225	0.062143	0.163186	1	1
CG31091	1.316492	-0.00954	0.516018	1	1

Lnk	173.9122	-0.24372	0.172607	1	1
Sppl	108.9946	-0.46189	0.218662	1	1
CG31093	520.1188	1.196752	0.128609	0.063123	1
CG31380	375.156	-0.02831	0.13533	1	1
CLS	1251.353	0.224717	0.097168	1	1
Lgr3	4.503744	0.053483	0.438723	1	1
hb	6.079273	-0.0119	0.424409	1	1
CG8036	4103.032	-0.30494	0.093848	1	1
Npl4	1820.327	-0.29503	0.08628	1	1
ymp	6278.283	-0.18016	0.074691	1	1
msi	197.0602	0.103009	0.152839	1	1
Cenp-C	254.4535	0.015934	0.140205	1	1
XNP	669.4371	-0.21998	0.121555	1	1
CG31460	2.539855	0.01874	0.459683	1	1
mRpS18A	325.4517	-0.0853	0.126215	1	1
CG31437	21.11753	-0.64975	0.448359	0.587614	1
CG31259	16.51685	-0.87885	0.637813	0.177853	1
CG31454	4.546845	0.145482	0.450152	1	1
stck	361.1773	0.004681	0.141559	1	1
CG31087	5.898497	0.164623	0.474915	0.941803	1
CG31099	1865.817	0.213271	0.079561	1	1
CG10550	17.34189	-0.39688	0.417562	0.947134	1
DpplII	8373.569	-0.22863	0.076405	1	1
CG31436	14.47206	-0.51556	0.484253	0.587761	1
CG31370	73.83847	0.19176	0.231073	1	1
CG31463	0.249444	-0.04453	0.618442	0.811316	1
CG31288	73.684	-0.37837	0.241529	1	1
CG31097	7.135769	-0.25117	0.503375	0.693645	1
ato	0.44584	0.067902	0.623326	0.669974	1
CG31102	36.56802	-0.1392	0.279721	1	1
mtg	28.10474	-0.5089	0.376307	1	1
CG31098	60.68103	0.1851	0.23537	1	1
CG31104	3.488296	-0.57483	0.922276	0.094103	1
CG9636	241.8735	-0.10595	0.147016	1	1
CG11839	146.6165	-0.39075	0.189171	1	1
veli	150.9261	-0.14189	0.168218	1	1
DNApol-iota	248.9848	-0.0361	0.151354	1	1
CG34384	341.5182	-0.21176	0.137444	1	1
CG31106	8.861553	0.30845	0.445848	0.89703	1
vig2	1442.484	-0.45389	0.086085	1	1
grn	31.61976	-0.23271	0.298355	1	1
CG31473	2224.276	-0.09213	0.085739	1	1
CG2747	172.135	-0.13059	0.172301	1	1
sgII	192.8552	-0.22093	0.175392	1	1
CG31111	36.85622	-0.21261	0.28074	1	1
CG31109	229.7443	0.069916	0.164152	1	1
CG11791	297.0463	0.210968	0.139544	1	1
dsx	60.15016	-0.02108	0.252976	1	1
Sp7	95.48426	-0.657	0.279902	1	1
CG31510	449.0102	-0.47493	0.13961	1	1

TTLL5	2292.986	-0.03152	0.079299	1	1
CG11790	256.9049	-0.2089	0.154695	1	1
Nlg1	35.48111	0.138599	0.29882	1	1
Nlg3	136.1598	0.683127	0.215303	1	1
CG31115	1097.85	0.232016	0.106027	1	1
Ythdf	128.0447	-0.23808	0.188425	1	1
alpha-Est9	43.29382	0.166862	0.270382	1	1
ssh	1848.811	0.274669	0.133438	1	1
CG17944	1750.246	-0.27585	0.08763	1	1
nxf4	629.6729	1.212182	0.112951	0.030462	1
sud1	162.2695	-0.37398	0.190465	1	1
CG31496	5.948599	0.369466	0.657793	0.273151	1
PIG-S	225.7303	-0.26848	0.151662	1	1
CG31121	17.14282	0.396447	0.425345	0.910214	1
CG14605	1945.133	0.57326	0.097704	1	1
CG31381	26.67218	-0.17357	0.301901	1	1
sas	225.3523	0.153762	0.15567	1	1
ppk22	15.29312	-0.03577	0.365983	1	1
CG31493	4.388021	-0.01371	0.595953	1	1
HDAC11	29.81401	0.090542	0.291007	1	1
sosie	44.13907	-0.11198	0.268252	1	1
Alh	295.7666	0.463709	0.137083	1	1
CG31357	111.9092	-0.1608	0.187628	1	1
RabX4	141.1882	0.299691	0.182216	1	1
Tailor	912.741	0.365669	0.106659	1	1
tok	157.5911	0.337651	0.188046	1	1
CG1943	625.5802	-0.44573	0.110266	1	1
dj	18866.97	-0.32868	0.073025	1	1
CG31126	317.0947	-0.15573	0.15075	1	1
CG31125	115.3372	-0.14139	0.185169	1	1
atl	1155.441	0.446825	0.096269	1	1
Wsck	181.852	-0.01013	0.154179	1	1
CG31286	1111.534	0.202193	0.106419	1	1
REPTOR	93.24973	-0.08642	0.224765	1	1
CG31482	1868.497	0.048162	0.084516	1	1
CG2336	2094.591	0.015685	0.077432	1	1
Pif2	2226.29	-0.2605	0.091912	1	1
nAChRbeta2	32.11324	1.016859	0.463514	0.239893	1
nAChRalpha2	1.62702	-0.0964	0.541847	0.815215	1
CG31128	1213.635	0.187687	0.101135	1	1
CG5768	12.58295	0.317858	0.411534	1	1
gpp	1781.657	0.622822	0.127853	1	1
CG17780	4.8579	-0.05558	0.42813	1	1
CG6454	138.8711	-0.26927	0.183982	1	1
Dmtn	209.5785	-0.39832	0.160093	1	1
CG5746	63.47208	-0.22652	0.237648	1	1
BRWD3	226.2227	-0.56863	0.165103	1	1
godzilla	761.6802	0.059748	0.106562	1	1
jar	4715.186	-0.1099	0.102775	1	1
Pak	272.133	-0.28628	0.147862	1	1

cav	475.4504	0.050925	0.11454	1	1
CG15594	0.974035	0.105224	0.600817	0.600117	1
Osi10	1.279263	0.042616	0.536514	1	1
Osi2	34.60606	0.323257	0.304127	1	1
CG31559	27.27649	-0.08526	0.304467	1	1
Obp83g	2.839629	0.503739	0.910239	0.101721	1
p38a	255.6833	0.408866	0.146686	1	1
Slimp	55.64831	0.050211	0.231941	1	1
Obp83ef	4.87042	0.224595	0.505644	0.711305	1
Rm62	1538.071	-0.08584	0.096655	1	1
Pisd	334.3192	0.452768	0.141647	1	1
Rox8	650.9096	-0.12338	0.101827	1	1
CG2017	447.5587	-0.28858	0.129242	1	1
Miro	3014.677	-0.11764	0.093966	1	1
CG1213	100.6519	-0.12378	0.198098	1	1
dgrn	301.7354	-0.08992	0.138107	1	1
CG42675	3873.121	0.153474	0.090646	1	1
eIF3a	2347.979	-0.12337	0.084655	1	1
KrT95D	1159.15	0.146525	0.117605	1	1
CG2082	2446.903	-0.04847	0.081796	1	1
CG31525	1032.408	0.356489	0.098106	1	1
Sec8	616.4614	-0.0981	0.107986	1	1
CG31142	116.2893	-0.0706	0.18278	1	1
LSm3	115.8315	-0.58074	0.222591	1	1
srl	130.0256	-0.01798	0.175851	1	1
CG5902	316.4168	-0.32408	0.12944	1	1
Hat1	1212.592	0.557342	0.085694	1	1
CG31528	1282.131	1.071738	0.108055	0.336098	1
CG31141	1475.259	0.106344	0.090951	1	1
kat-60L1	2536.76	0.106343	0.099954	1	1
plx	81.96271	0.460475	0.295922	1	1
GluProRS	349.8358	-0.56731	0.136976	1	1
jagn	274.1336	-0.42295	0.138626	1	1
Xe7	293.6992	-0.1768	0.134789	1	1
Wdr33	180.4737	0.037007	0.167246	1	1
CG10217	377.3017	-0.47274	0.136299	1	1
ND-MLRQ	724.6742	-0.23924	0.144858	1	1
PTPMT1	130.1285	-0.36344	0.185195	1	1
Hmgcr	816.5087	0.433491	0.113687	1	1
Sec23	793.8682	-0.29959	0.095481	1	1
Rpn9	2105.882	-0.21429	0.085622	1	1
Vps11	38.05387	0.064143	0.271899	1	1
CklIalpha	1132.964	0.165353	0.103735	1	1
MTA1-like	191.5825	-0.18123	0.154902	1	1
CG31548	100.2607	-0.0658	0.2021	1	1
RpL10	4494.524	-0.49738	0.113271	1	1
Qsox4	36.45218	1.299569	0.485029	0.084922	1
CG31546	2067.855	-0.28891	0.097106	1	1
CG31468	8746.687	-0.24784	0.073451	1	1
CG31549	582.3441	0.289973	0.11348	1	1

CG32457	720.3732	-0.54661	0.130992	1	1
CG31551	170.4854	0.261705	0.174703	1	1
Spec2	301.7748	-0.42303	0.155002	1	1
CG10254	4451.335	0.112535	0.112508	1	1
Mes2	34.58969	0.052621	0.284296	1	1
Rga	165.8185	-0.30904	0.170007	1	1
kra	8104.24	-0.05303	0.065565	1	1
slif	246.2417	-0.45307	0.15718	1	1
CG10175	1923.168	-0.16918	0.270158	1	1
Chro	324.2874	-0.2099	0.150539	1	1
Irk2	26.75746	-0.46254	0.383907	1	1
CG11109	1.809935	-0.066	0.501234	1	1
CG31515	3.896803	0.060899	0.477048	1	1
Arf79F	1383.704	-0.40047	0.096961	1	1
CG42827	465.2107	-0.03566	0.133213	1	1
Vha26	2501.254	-0.04544	0.084696	1	1
CRMP	51.88792	-0.14825	0.256328	1	1
Rheb	630.4695	0.106562	0.112231	1	1
CG32459	2805.931	0.168481	0.082344	1	1
CG32462	23.8062	0.088581	0.300277	1	1
orb	6919.965	0.076574	0.095224	1	1
jim	215.7811	0.30459	0.157924	1	1
SPoCk	784.5464	0.122906	0.114279	1	1
EloA	404.9688	-0.08923	0.121316	1	1
Itp-r83A	60.47737	0.145862	0.252612	1	1
CG32454	976.8431	0.105548	0.117544	1	1
cnc	807.8928	0.546252	0.114878	1	1
Nmdar1	36.27915	0.477798	0.333469	1	1
NKCC	172.2142	0.413872	0.189415	1	1
CG32452	32.77394	-0.74725	0.420569	0.560392	1
ArfGAP3	727.2756	0.054039	0.102504	1	1
Snr1	158.2925	-0.18251	0.180571	1	1
POLDIP2	5132.44	-0.21112	0.087717	1	1
CG32450	2925.184	0.133519	0.083723	1	1
CG2663	3.686966	-0.35886	0.663677	0.268307	1
CG31457	81.40914	-0.82415	0.266799	0.90677	1
Csp	597.7217	-0.21258	0.116531	1	1
CG31365	74.87453	-0.41982	0.247594	1	1
CenB1A	289.6885	0.353225	0.1451	1	1
Cerk	574.1439	0.097199	0.124429	1	1
Prosbeta7	1867.27	-0.18759	0.08526	1	1
olf413	12.96473	0.046233	0.365956	1	1
CG31538	21669.14	-0.06336	0.083066	1	1
Gr94a	3.229028	0.026702	0.46766	1	1
P5CDh1	735.9464	-0.03475	0.109246	1	1
Nha2	23.68286	0.226077	0.374555	1	1
Tpl94D	4586.068	0.330039	0.076873	1	1
Nopp140	375.8916	-0.83998	0.148943	1	1
CG32448	221.7348	-0.46218	0.166211	1	1
CG31139	1125.522	-0.08727	0.094007	1	1

eg	68.75571	0.738184	0.280755	1	1
wge	151.093	-0.17481	0.177553	1	1
Syn1	13.80936	-0.01639	0.350102	1	1
Hph	594.7949	-0.11922	0.107809	1	1
CG11247	391.294	-0.09896	0.128009	1	1
CG11248	407.4504	0.541086	0.137524	1	1
Gclm	1453.906	0.209995	0.085143	1	1
CG12163	2318.074	-0.2273	0.089972	1	1
loco	214.2723	0.186985	0.173229	1	1
Atox1	320.4158	-0.17079	0.140275	1	1
CG32445	5285.21	-0.2866	0.096172	1	1
CG32444	2252.232	-0.34448	0.104018	1	1
ORMDL	107.5787	-0.31147	0.198902	1	1
CG31161	3911.335	0.205489	0.074468	1	1
Sccpdh1	714.4789	-0.02722	0.104578	1	1
CG11307	67.71755	-0.47197	0.265167	1	1
mRRF2	188.9083	-1.10394	0.186518	0.29271	1
CG11116	175.2383	-0.21771	0.162221	1	1
TfAP-2	4.657298	0.330682	0.565867	0.446311	1
CG32441	679.0752	0.065576	0.117388	1	1
btn	0.404456	-0.02539	0.605986	0.980958	1
bond	1313.45	0.722614	0.088448	1	1
Mkrn1	1273.817	-0.10759	0.098541	1	1
Cdep	279.2295	0.390475	0.177502	1	1
Arv1	39.11933	0.071232	0.261214	1	1
CG1129	348.0728	-0.26288	0.132937	1	1
CG7611	255.9317	-0.38534	0.147768	1	1
AdipoR	2667.245	0.035712	0.07208	1	1
CG44098	60.17234	0.135696	0.264771	1	1
CCT1	1037.24	-0.58627	0.104542	1	1
AP-2mu	462.4572	0.029964	0.117316	1	1
CG34376	352.4441	0.006094	0.15155	1	1
MED31	631.7522	0.02984	0.105118	1	1
Cdk12	809.8211	0.128146	0.10639	1	1
CG9775	556.3953	-0.29435	0.112884	1	1
M6	57.2976	0.041064	0.255381	1	1
lqfR	1074.795	-0.05185	0.104895	1	1
5-HT2A	102.519	0.184816	0.21136	1	1
CG32437	3336.275	0.491692	0.0853	1	1
CG32436	15076.03	0.199239	0.093401	1	1
CG31523	2610.265	0.741171	0.081545	1	1
CG11309	2.828595	0.051847	0.461341	1	1
Syx7	686.1817	0.685938	0.106608	1	1
Gpdh3	13220.43	-0.22635	0.09708	1	1
CG12974	84.17832	0.567193	0.268345	1	1
AcCoAS	180.8396	-1.23096	0.196985	0.095978	1
Aef1	304.7397	-0.11802	0.127848	1	1
PyK	1003.106	-0.67445	0.099652	1	1
CG9391	1165.189	-0.23738	0.095051	1	1
CG5382	186.7963	-0.45973	0.173886	1	1

CG31522	61.83608	-0.20664	0.233507	1	1
barc	489.7816	-0.28505	0.119167	1	1
Eip78C	7.067369	-0.21694	0.442991	1	1
CG32440	1819.422	0.054139	0.078893	1	1
park	135.7807	0.425598	0.208843	1	1
chb	4767.277	0.677862	0.120177	1	1
skd	290.7552	0.001705	0.150538	1	1
Pka-R1	456.8585	-0.18794	0.118406	1	1
tnz	830.9601	-0.03002	0.112753	1	1
Six4	41.6857	0.162626	0.262267	1	1
Pitslre	291.763	0.074633	0.13278	1	1
Gr77a	2.693543	-0.02944	0.450349	1	1
CG32425	943.5781	-0.02447	0.100065	1	1
ZnT77C	31.44179	0.378221	0.327413	1	1
Hpd	4.586061	0.288757	0.518834	0.606084	1
Psn	596.3245	-0.17106	0.104812	1	1
CG5274	55.39838	-0.19547	0.247166	1	1
fbl	99.35666	-0.19002	0.208924	1	1
CG5498	343.399	-0.13263	0.124888	1	1
Spn77Ba	131.7457	-0.26083	0.190842	1	1
CG32225	4.045542	-0.06956	0.450917	1	1
SCCRO4	1223.154	0.33597	0.096674	1	1
Pex23	161.6252	0.24927	0.165964	1	1
CG32228	368.4838	0.259551	0.129373	1	1
CG6951	20.37667	-0.10701	0.317984	1	1
CG17233	95.81313	-0.15933	0.200622	1	1
Su(var)3-3	153.9528	-0.13265	0.174713	1	1
CG6933	2.132234	0.063675	0.495409	1	1
Ssk	150.3259	-0.04449	0.211614	1	1
CG7668	146.9567	0.013663	0.178346	1	1
Gabat	24.46216	-0.09306	0.329419	1	1
Csas	6.426079	-0.17007	0.435332	1	1
CG32219	441.8669	0.5249	0.121735	1	1
Su(z)12	224.2211	-0.10083	0.146701	1	1
Prp3	566.8449	0.021511	0.112768	1	1
Papss	51.96519	0.257671	0.270442	1	1
CG32221	327.7761	0.32423	0.142784	1	1
Ccdc58	101.8853	-0.01468	0.213136	1	1
Ir76a	37.70628	0.014171	0.277522	1	1
SREBP	438.6466	0.026412	0.117489	1	1
serp	83.39952	0.082027	0.205906	1	1
CG32212	11.06151	0.486159	0.528652	0.479769	1
verm	91.51527	0.317461	0.240124	1	1
CG32213	1.241965	-0.17885	0.641424	0.384881	1
CG8765	256.3457	0.100274	0.161562	1	1
825-Oak	1.503265	0.134595	0.564815	0.633467	1
Lon	2462.56	0.015963	0.084133	1	1
CG32214	0.611042	0.061906	0.592149	0.788434	1
CG9368	1.016	0.174525	0.667426	0.345622	1
Rcd7	5915.631	0.123784	0.068038	1	1

Ltn1	449.1165	-0.0475	0.125458	1	1
CG9279	3184.864	0.833449	0.0922	1	1
Bet1	249.6297	-0.24079	0.141526	1	1
fz2	102.0325	0.442282	0.221558	1	1
Mkp3	83.38932	0.27907	0.237954	1	1
CG3961	27.08404	0.421036	0.364636	1	1
Indy	799.8987	-0.39343	0.127885	1	1
HipHop	85.02166	-0.33858	0.244117	1	1
CG32202	40.58904	0.062564	0.271971	1	1
GNBP2	8.782912	0.136837	0.396385	1	1
CG32201	5.303051	0.011275	0.595306	1	1
CG32199	23.89004	0.206164	0.375218	1	1
CG32196	22.78229	-0.30283	0.349958	1	1
CG7341	15.58255	-0.07377	0.343661	1	1
CG32195	14.83937	-0.72136	0.562588	0.310144	1
CG32192	3922.751	0.526792	0.12224	1	1
Tsp74F	28.60437	0.101284	0.304706	1	1
CG5535	84.24997	-0.02447	0.214435	1	1
CG32189	2.428677	-0.45653	0.911641	0.104173	1
CG32187	22.0407	-0.25109	0.328732	1	1
CG32191	56.92665	-0.08049	0.261238	1	1
CG42816	878.6314	0.771611	0.104789	1	1
CG32181	3255.531	0.405396	0.091799	1	1
CG32182	3.766126	-0.18783	0.494931	0.80545	1
Ccn	13.1085	-0.09154	0.347278	1	1
Ndfip	532.8403	0.307385	0.121758	1	1
Eip74EF	36.0726	0.119168	0.276811	1	1
CG6333	1144.786	-0.15436	0.090316	1	1
CG32176	292.1119	-0.47781	0.138042	1	1
Coq4	0.084946	0.016718	0.607437	1	1
CG13731	0.961656	-0.18038	0.678444	0.324113	1
Cad74A	13.05112	0.164044	0.365821	1	1
CG6479	861.565	0.073877	0.102874	1	1
CG6512	3192.584	-0.21395	0.087815	1	1
Rbp6	113.0427	-0.02508	0.202594	1	1
rogdi	409.0414	0.008201	0.120303	1	1
CG6664	1588.483	0.437089	0.103618	1	1
CG11905	88.44398	0.790473	0.266031	0.997913	1
Exn	145.426	-0.29669	0.179576	1	1
CG32170	31.34378	-0.62527	0.39839	0.77452	1
sina	1556.286	-0.14783	0.089897	1	1
CG32161	1730.174	-0.33812	0.086946	1	1
CG9706	947.5056	0.179487	0.101937	1	1
CG9705	831.4964	-0.25067	0.104242	1	1
Nrt	49.58434	-0.6905	0.314059	1	1
zetaCOP	536.9339	0.031465	0.127885	1	1
Baldspot	718.9418	-0.22365	0.107187	1	1
Apl	1049.579	0.270182	0.137884	1	1
CG32163	21.29987	0.313187	0.365608	1	1
nx2	109.9463	0.215692	0.189828	1	1

mbf1	2027.028	0.327171	0.079516	1	1
Mipp1	328.4713	0.299004	0.164256	1	1
CG42514	24.76289	-0.48154	0.389183	0.990452	1
CG43373	29.24396	0.064659	0.294567	1	1
dsx-c73A	0.681507	-0.06816	0.603415	0.725549	1
CG44836	48.29788	0.701369	0.3431	0.870594	1
RAF2	115.4423	-0.39925	0.201814	1	1
Agpat3	444.5151	0.285496	0.117576	1	1
Agpat4	58.11016	0.1971	0.252063	1	1
Pdh	21.50686	-0.28292	0.334057	1	1
CG13049	19.78376	0.81987	0.529625	0.303045	1
l(3)72Dr	110.7177	0.362454	0.198253	1	1
l(3)72Dp	33.89461	-0.11634	0.283834	1	1
CIC-c	293.2988	0.142077	0.13583	1	1
Mbs	849.5612	-0.07555	0.100265	1	1
Diap1	1290.808	0.285442	0.104643	1	1
Notum	29.19345	0.47008	0.377832	1	1
brm	162.1357	-0.32975	0.177088	1	1
Pka-C3	2023.863	0.592364	0.088882	1	1
meru	12.68062	-0.00167	0.3557	1	1
DCP2	991.5204	0.56507	0.099816	1	1
fwe	215.6939	-0.42533	0.1555	1	1
RhoGAP71E	735.0334	0.092611	0.111885	1	1
CG7656	1494.219	0.174821	0.106604	1	1
AGO2	789.2566	-0.23621	0.116676	1	1
CG7945	2084.761	0.435744	0.08472	1	1
Best3	529.1512	0.065022	0.129668	1	1
CG32147	20.7418	0.096591	0.317037	1	1
CG12316	247.7125	0.177339	0.144309	1	1
CG13457	1270.075	1.190489	0.106004	0.038551	1
CG32847	971.9122	0.036594	0.095124	1	1
CG16959	31.45989	-1.49393	0.514382	0.03766	1
CG45071	96.58319	-0.5941	0.232453	1	1
CTPsyn	102.5264	-0.35721	0.217189	1	1
GlyRS	543.8677	-0.33801	0.111207	1	1
CG32148	2344.134	-0.59215	0.093597	1	1
mnd	27.50964	-0.39741	0.338582	1	1
RecQ5	151.6542	-0.09846	0.173379	1	1
Gbs-70E	117.4934	-0.61779	0.233873	1	1
CG9628	81.39018	0.052467	0.210295	1	1
Mpcp2	3017.992	-0.02621	0.076584	1	1
CG7768	5645.957	0.6166	0.079049	1	1
saturn	3119.961	0.758546	0.107534	1	1
Fbp1	0.545392	0.072742	0.63174	0.625478	1
btl	6.505207	-0.10032	0.426613	1	1
Frl	2137.962	0.607268	0.105014	1	1
Hsc70Cb	2203.238	-0.0046	0.084351	1	1
endos	3233.865	0.224761	0.092103	1	1
Ptip	52.0434	-0.04497	0.246254	1	1
Nprl3	186.6992	-0.07943	0.160006	1	1

Hsc70-1	2824.33	-0.171	0.089772	1	1
Nxf3	11.14705	-0.23489	0.407345	1	1
CG13737	1.157631	0.198282	0.671666	0.320899	1
Tsp68C	1.140796	0.083993	0.573434	0.750228	1
bru3	40.71985	0.1207	0.280091	1	1
Liprin-beta	472.2742	0.118267	0.125571	1	1
Tgi	183.3338	-0.7083	0.203236	1	1
stv	639.5284	0.164059	0.254854	1	1
CG10089	3098.806	-0.03058	0.07483	1	1
CG10738	10.69498	-0.13588	0.386974	1	1
cmb	1822.233	0.562982	0.131027	1	1
flr	145.4509	-0.4396	0.214967	1	1
Impl1	0.417217	0.017497	0.6038	1	1
CG32119	5023.993	0.056982	0.069904	1	1
RpS4	3143.166	-0.43529	0.09824	1	1
RpS12	2006.699	-0.48003	0.117833	1	1
AdenoK	136.9039	-0.59955	0.187668	1	1
CG32115	3.040787	0.108768	0.502374	0.941129	1
CG32117	1109.388	-0.12057	0.089944	1	1
CG32107	0.576642	0.054649	0.586221	0.843748	1
CG10948	465.775	-0.29585	0.118634	1	1
CG10960	565.5142	0.734181	0.14253	1	1
Sap130	157.877	-0.55385	0.184308	1	1
CG32110	473.7042	0.542852	0.149061	1	1
CG42709	307.0636	-0.32687	0.138766	1	1
CG17666	5356.11	-0.0483	0.07961	1	1
CG32106	1603.594	-0.08803	0.114299	1	1
Hip1	934.2711	0.376835	0.106194	1	1
Vps13D	263.9289	0.180885	0.146107	1	1
CG10984	618.4949	0.188881	0.122526	1	1
CG32109	126.4205	-0.31666	0.203899	1	1
CG32112	1633.952	-0.07447	0.084509	1	1
Lmx1a	0.169892	0.02982	0.611184	0.934191	1
Sms	421.1141	-0.66473	0.133763	1	1
mirr	47.68819	0.357658	0.292737	1	1
CG32100	272.6547	0.599205	0.147669	1	1
sowah	105.6269	0.004943	0.184806	1	1
Adk1	1688.776	0.064206	0.087329	1	1
CG32099	68.97445	-0.0305	0.238457	1	1
Nrx-IV	681.7115	-0.3255	0.115283	1	1
rols	64.3711	0.122408	0.230296	1	1
CG6928	69.62727	-0.1504	0.228144	1	1
Pop2	2190.998	-0.15712	0.091239	1	1
CG32095	108.9777	0.28087	0.194072	1	1
RpL10Ab	4150.666	-0.38202	0.101119	1	1
CG5946	464.1153	-0.02742	0.112149	1	1
CG42255	37.854	0.442112	0.319465	1	1
Pi3K68D	850.645	0.06288	0.110686	1	1
CG32087	672.1173	0.636814	0.12506	1	1
sun	36.04598	0.016305	0.268688	1	1

Bmcp	130.6568	-0.17104	0.178539	1	1
Dph1	254.8104	0.765287	0.151129	1	1
RIOK1	64.65118	-0.52062	0.277802	1	1
CG32091	45.90946	0.448633	0.309582	1	1
CG6084	2080.02	0.132631	0.075019	1	1
Duba	4548.317	0.154914	0.095541	1	1
CG32086	1150.037	0.152389	0.092713	1	1
Mob2	285.4122	-0.19499	0.155118	1	1
Vha16-3	304.9724	0.124082	0.136635	1	1
CG7557	2645.949	0.432195	0.079511	1	1
CG7573	216.3132	0.926769	0.177176	0.921944	1
CG42671	381.183	0.067234	0.148745	1	1
Plod	121.9567	-0.03005	0.185308	1	1
GlcAT-P	70.67602	0.362253	0.275075	1	1
Alg10	261.6319	0.177144	0.137118	1	1
wls	153.6394	0.143688	0.169477	1	1
IRSp53	35.27767	-0.01671	0.275851	1	1
FoxK	265.7345	-0.00839	0.135928	1	1
CG32073	88.42244	1.20471	0.282901	0.153556	1
CG32071	0.385793	-0.02261	0.607535	0.999129	1
Elo68alpha	1.17225	0.09014	0.55736	0.78096	1
JIL-1	1526.178	0.391114	0.104075	1	1
Pfdn2	419.0126	-0.53031	0.141401	1	1
CG32069	60.48205	-0.09091	0.244825	1	1
CG7888	29.70121	-0.10989	0.290671	1	1
CG32081	5099.636	0.067974	0.076319	1	1
CG32079	39.5009	0.93942	0.387386	0.394764	1
Aps	921.7192	-0.05263	0.107255	1	1
OXA1L	2297.351	0.151338	0.076164	1	1
tna	3021.257	0.135011	0.115393	1	1
simj	372.4894	-0.26413	0.147485	1	1
CG14154	1588.25	0.677243	0.096499	1	1
CG32066	383.8331	0.306857	0.128623	1	1
CG8009	228.6545	0.124019	0.147826	1	1
Rbfox1	323.5422	0.777165	0.150229	1	1
S-Lap4	34491.79	0.084123	0.067472	1	1
S-Lap3	26477.42	0.273756	0.076923	1	1
CG32061	1651.266	-0.09896	0.085742	1	1
dpr10	128.6002	0.343351	0.222356	1	1
CG42825	1.19371	0.015653	0.54418	1	1
CG32054	1.692564	-0.14761	0.571849	0.586764	1
CG12362	4313.496	-0.27299	0.071255	1	1
scramb1	131.8422	-0.42392	0.194657	1	1
CG32053	32.77701	0.174275	0.301196	1	1
vnc	1.473836	0.130322	0.560758	0.65567	1
CG32055	1.242453	0.188074	0.632575	0.391973	1
ect	6.312119	0.03631	0.412132	1	1
CG6707	545.5086	-0.25773	0.106429	1	1
Taf2	291.8705	-0.26114	0.140405	1	1
CG8108	737.4759	-0.28958	0.10195	1	1

iPLA2-VIA	377.7745	-0.16333	0.139	1	1
RasGAP1	70.90944	-0.37227	0.248386	1	1
CG42268	383.1599	0.477307	0.141507	1	1
vsg	1266.059	-0.27489	0.09664	1	1
CG16711	811.4192	0.246381	0.248419	1	1
CG6767	219.6382	-0.18115	0.15666	1	1
fry	985.2494	-0.22158	0.124108	1	1
CG8336	1033.175	0.727481	0.091997	1	1
CG42673	170.2129	0.271302	0.183844	1	1
RpS9	921.6294	-0.34882	0.115252	1	1
path	431.7911	-0.32648	0.131358	1	1
CG32036	1.676793	0.041969	0.499339	1	1
CG44838	331.3673	0.002419	0.142182	1	1
ghi	120.3339	-0.1148	0.183112	1	1
MTF-1	84.31009	-0.22561	0.207984	1	1
eIF4E1	2504.623	0.295046	0.074211	1	1
CG32039	128.3215	-0.14434	0.191609	1	1
CG32040	4.525773	0.132681	0.487222	0.949304	1
UGP	442.1277	-0.70046	0.131362	1	1
Rdl	24.86607	-0.09098	0.304505	1	1
bol	7127.657	0.637313	0.101123	1	1
CG32032	49.69119	-0.47736	0.319604	1	1
Argk	3718.002	-0.52503	0.083373	1	1
smg	433.8108	-0.21663	0.132099	1	1
Tsp66E	37.07847	-0.44732	0.333542	1	1
Galk	370.1712	-0.62305	0.131279	1	1
CG32026	3912.907	-0.1857	0.080722	1	1
CG32024	0.594621	0.08258	0.634668	0.580208	1
pix	1695.312	0.235932	0.084271	1	1
CG5026	187.4001	0.088601	0.163709	1	1
CG5021	370.1097	-0.18076	0.129461	1	1
Fhos	80.12104	0.163817	0.240569	1	1
orb2	6651.53	0.700871	0.20987	1	1
Prm	438.9096	-0.14379	0.286584	1	1
CG32022	705.0113	0.083799	0.1078	1	1
Cpr66D	6.432917	-0.04463	0.402449	1	1
S-Lap2	21540.76	0.222903	0.074805	1	1
GstO2	676.3415	-0.3114	0.115533	1	1
Cbl	473.8727	0.213515	0.123916	1	1
CG32354	24.56983	0.010386	0.306743	1	1
CG13667	989.0401	0.028455	0.094963	1	1
ImpE1	2.422426	0.271424	0.648404	0.314457	1
Culd	32.08188	-0.09962	0.285481	1	1
Bl-1	4393.16	0.083954	0.07117	1	1
tut	158.9799	-0.02143	0.165378	1	1
CG13679	75.08017	1.227084	0.344236	0.134788	1
ERR	33.75728	-0.03538	0.282917	1	1
Ect4	379.4908	-0.22433	0.142799	1	1
nmo	1321.113	0.01929	0.116701	1	1
HP4	373.7797	-0.23588	0.126329	1	1

syd	191.5964	-0.04568	0.150305	1	1
pbl	135.2575	-0.38271	0.187047	1	1
Pdp1	196.2112	0.49377	0.183227	1	1
CG32365	45.63858	0.022378	0.265514	1	1
CG32369	101.8333	0.607506	0.229264	1	1
CG32371	6447.394	0.019001	0.071264	1	1
Ank2	626.8915	0.949263	0.131631	1	1
CG32376	0.275948	0.042618	0.616394	0.829472	1
CG32374	0.534443	0.063283	0.611407	0.725631	1
Itl	57.17811	-0.57392	0.307638	1	1
CG7546	557.4008	-0.15732	0.122679	1	1
sphinx1	4.545478	0.253016	0.589718	0.428403	1
CG32379	0.536215	-0.0776	0.637189	0.591364	1
akirin	1119.17	0.357845	0.096554	1	1
Sh3beta	979.6192	-0.32898	0.102497	1	1
pst	686.3719	-1.16827	0.112372	0.073463	1
RhoGEF4	58.54165	-0.88743	0.307972	0.629206	1
lark	377.5948	-0.16632	0.126816	1	1
corn	45.05001	-0.38325	0.278118	1	1
eco	341.1651	0.213867	0.136838	1	1
CG14823	29.64775	0.234726	0.305802	1	1
CG10077	4313.406	0.117872	0.105648	1	1
Prat2	65.37905	-1.11367	0.34728	0.23207	1
CG32392	2678.012	0.34902	0.087724	1	1
SP1173	14.47463	0.067676	0.348576	1	1
CG32395	1.856334	0.111511	0.514663	0.878234	1
Rexo5	8254.718	0.092482	0.074699	1	1
jv	158.2022	0.214247	0.19091	1	1
CG32396	1965.905	-0.12043	0.083856	1	1
Or65c	0.09733	-0.00449	0.605571	1	1
Or65b	2.017524	0.235523	0.624294	0.370831	1
Best2	326.5728	0.669636	0.170832	1	1
Tnpo	246.2864	-0.3011	0.159905	1	1
Cpr65Av	0.914414	-0.13566	0.634047	0.454049	1
loj	115.9759	-0.04221	0.180086	1	1
PVRAP	16.72732	-0.17206	0.349225	1	1
Rcc1	953.6963	0.238056	0.10878	1	1
CG32407	248.1721	-0.01329	0.143984	1	1
QC	378.8945	-0.71104	0.150115	1	1
CG32409	252.4329	-0.13722	0.154651	1	1
vito	70.91369	-0.24152	0.218848	1	1
scny	1243.599	0.350989	0.104488	1	1
CG10576	2544.392	-0.10001	0.080108	1	1
DnaJ-1	2145.845	-0.24883	0.124449	1	1
Msr-110	4752.286	-0.28043	0.112642	1	1
frm	16.27477	-0.85157	0.56833	0.243836	1
Uev1A	985.9523	-0.45263	0.116303	1	1
lama	371.7548	0.284948	0.164844	1	1
shep	765.072	-0.34549	0.118831	1	1
CG32276	979.1185	-0.39919	0.098529	1	1

Fitm	161.2897	0.021281	0.168755	1	1
CG32246	71.39213	0.464453	0.252692	1	1
CG32284	3.297068	-0.18031	0.49259	0.828076	1
CG32278	135.3419	-0.1835	0.180852	1	1
CG42540	2.319496	-0.10745	0.495869	0.975403	1
CG32281	140.5218	0.165489	0.19608	1	1
CG32235	2.348139	0.024647	0.478361	1	1
CG32280	99.4799	0.233737	0.229511	1	1
CG32243	305.4387	-0.68524	0.172335	1	1
CG32237	0.292188	-0.04954	0.621123	0.77256	1
Dhc64C	454.952	-0.63692	0.13047	1	1
CG11353	17.51981	-0.10589	0.341975	1	1
NT1	5.710538	0.399223	0.567528	0.41844	1
CG15812	262.263	-0.3439	0.140365	1	1
CG32236	2428.619	0.198793	0.074563	1	1
BtbVII	603.8948	0.129357	0.125072	1	1
CG11537	1678.003	-0.0381	0.091985	1	1
TTLL1B	2218.822	0.637384	0.085991	1	1
CG32249	0.268107	-0.04679	0.619605	0.793673	1
prominin-like	2924.869	0.488271	0.110286	1	1
nAChRbeta1	162.7549	-0.79171	0.193508	1	1
DOR	500.2165	0.10476	0.113872	1	1
CG32240	2891.061	-0.26135	0.088692	1	1
PMP34	975.8741	-0.18851	0.098417	1	1
Claspin	21.58267	-0.42124	0.385384	1	1
dyl	13.4412	-0.04661	0.359325	1	1
Hexo1	95.02724	-0.12401	0.206423	1	1
ago	690.5583	0.384513	0.132415	1	1
CG32485	465.3336	0.261399	0.124039	1	1
Jafrac2	1730.699	0.269553	0.082914	1	1
CG14997	547.9366	-0.08136	0.109033	1	1
CG32487	604.9493	1.109452	0.130576	0.234402	1
CG32488	580.5605	0.793235	0.125963	1	1
ImpL2	121.4988	-0.13965	0.199605	1	1
Shab	33.61671	0.33717	0.308251	1	1
tipE	30.08339	0.414961	0.32871	1	1
Pgant6	298.4192	-0.25982	0.145311	1	1
CG32260	2.880167	0.024969	0.46297	1	1
ens	405.7524	-0.44195	0.132345	1	1
MEP-1	1.491227	-0.05476	0.541462	0.987773	1
Fit1	456.5959	-0.30792	0.138381	1	1
CG14995	21719.17	0.452804	0.095714	1	1
Gad1	15.78617	0.183838	0.349047	1	1
dos	135.6151	-0.07074	0.182666	1	1
RpL8	2775.665	-0.4273	0.103422	1	1
CG32295	1569.843	0.265242	0.100201	1	1
CG32259	991.7533	-0.47969	0.137366	1	1
Gr64f	19.18166	0.370178	0.370003	1	1
CG1146	2654.528	0.74721	0.080925	1	1
Gr64a	13.61477	0.741269	0.580592	0.278345	1

CG11594	130.4105	-0.47121	0.193581	1	1
CG32299	0.733961	-0.04725	0.558715	0.968969	1
MsR2	1.001799	0.148695	0.636666	0.428965	1
mge	5052.852	0.03998	0.073652	1	1
CG32302	6.974564	-0.08964	0.411384	1	1
Awh	5.386972	0.015163	0.431654	1	1
CG32263	359.3671	-0.128	0.125551	1	1
CG9018	390.1864	-0.11294	0.136357	1	1
Eip63E	306.1676	0.128823	0.145854	1	1
CG32267	789.2697	-0.11753	0.117467	1	1
sty	84.40062	0.286181	0.231479	1	1
CG12010	26.8555	-0.30539	0.312519	1	1
Ythdc1	133.9947	-0.40753	0.191061	1	1
Drsl6	0.551896	0.073725	0.631918	0.620968	1
SCOT	94.68875	-0.05795	0.200365	1	1
mu2	246.1867	-0.25662	0.150642	1	1
PHGPx	891.2811	-0.39785	0.110577	1	1
Tmhs	172.5178	0.547816	0.224761	1	1
CG13937	22.16304	0.29747	0.337521	1	1
Strip	2556.804	0.055508	0.089775	1	1
CG12016	0.414923	-0.02695	0.606928	0.966677	1
dre4	859.006	-0.4798	0.09653	1	1
CG12024	267.355	0.282577	0.141646	1	1
Drsl2	4.3919	-0.1465	0.461364	1	1
GV1	2.85933	-0.04414	0.463374	1	1
ZnT63C	615.2472	-0.00411	0.102309	1	1
Patj	300.5942	-0.07409	0.127583	1	1
dlt	120.5669	0.305352	0.188608	1	1
Gk2	250.1246	0.680832	0.155901	1	1
CG14968	709.0023	0.802329	0.110662	1	1
drpr	512.1515	-0.29193	0.139251	1	1
CG7971	327.7562	0.156228	0.13265	1	1
CG17746	586.475	-0.23441	0.108439	1	1
alphaCOP	434.4887	-0.43524	0.135384	1	1
metl	139.1417	0.14017	0.171882	1	1
CG12004	779.9068	0.362537	0.09949	1	1
RpL28	1916.405	-0.42577	0.127178	1	1
CG7879	89.89433	-0.21553	0.215028	1	1
CG12099	1069.06	-0.02983	0.088413	1	1
Pcyt1	713.2168	-0.24422	0.105088	1	1
ABCB7	857.5646	-0.46086	0.108135	1	1
CG32277	0.976626	0.175349	0.684291	0.319463	1
CG32271	0.169892	0.02982	0.611184	0.934191	1
CG32313	814.3875	0.231464	0.103776	1	1
lml1	174.9031	-0.03894	0.16119	1	1
Psa	4907.824	0.241368	0.107082	1	1
hfp	300.4482	-0.50866	0.133831	1	1
Naa30B	571.3705	0.817835	0.121853	1	1
Ptp61F	1220.499	-0.17355	0.098759	1	1
CG2199	75.83324	-0.33223	0.25007	1	1

Myo61F	316.6398	0.11259	0.155843	1	1
CG9184	15.47168	0.510997	0.442512	0.732278	1
Herc4	1583.961	-0.12366	0.108917	1	1
CG9186	173.3707	-0.60408	0.177005	1	1
CG32333	6.948159	-0.06472	0.409781	1	1
tfc	23.32487	0.222068	0.3331	1	1
CG32335	11.01544	-0.2201	0.413454	1	1
Aplip1	18.35253	-0.33899	0.383448	1	1
bab1	27.94814	-0.18473	0.289688	1	1
CG9205	159.6286	-0.50252	0.188109	1	1
Usp10	1704.996	-0.05564	0.116185	1	1
CG13887	1032.409	-0.65207	0.091314	1	1
Sf3b3	65.64431	-0.51589	0.310056	1	1
Ckl1alpha-i3	191.2455	-0.65443	0.175848	1	1
CG32483	2.758949	-0.01176	0.464152	1	1
CG17129	464.7411	0.39583	0.126864	1	1
CG43337	1.125342	-0.05741	0.536087	0.99427	1
MED14	264.0563	-0.47475	0.160455	1	1
Hipk	369.097	0.119948	0.147703	1	1
CG1233	199.0671	-0.31769	0.164083	1	1
Ptpmeg	634.4581	-0.24798	0.106811	1	1
mth	92.09969	-0.05066	0.222182	1	1
Atac3	141.0074	-0.34827	0.181076	1	1
fwd	1280.226	1.151169	0.114253	0.104448	1
RhoGEF3	3384.645	0.009483	0.098214	1	1
CG32845	297.4396	1.282505	0.165794	0.035179	1
mthl14	184.383	0.194286	0.175806	1	1
pyx	124.3723	0.415662	0.19755	1	1
Kaz1-ORFB	115.1245	-0.23433	0.188646	1	1
Mtch	1593.379	-0.1251	0.080639	1	1
p130CAS	57.81648	-0.04723	0.238893	1	1
Dic61B	916.7785	0.766863	0.107858	1	1
Dis3l2	1090.075	0.052984	0.10194	1	1
Pdk1	2300.812	0.46102	0.095466	1	1
thoc7	196.1732	-0.5312	0.170766	1	1
Gk1	323.3374	0.309606	0.133457	1	1
mri	404.9431	-0.32477	0.125595	1	1
Cda4	9.685065	-0.12856	0.394949	1	1
CG17600	155.1018	0.184731	0.174578	1	1
CG12576	270.1531	0.22546	0.139051	1	1
Usp2	1787.645	0.300394	0.097544	1	1
DIP1	729.1883	-0.03176	0.095913	1	1
CG17450	279.6504	1.250599	0.161704	0.051227	1
GCS2alpha	1956.288	0.111806	0.089636	1	1
DIP-beta	35.62445	-0.25847	0.292316	1	1
tty	26.88565	0.050222	0.29225	1	1
CG1486	232.2858	0.163275	0.170081	1	1
CG1801	1228.588	0.456635	0.130124	1	1
CG32523	1.667421	-0.07449	0.523296	0.968613	1
CG32521	219.3061	-0.88929	0.190355	1	1

CG15445	599.785	-0.22427	0.118505	1	1
Cbs	65.35496	0.011409	0.22981	1	1
Mgstl	33.42666	-0.29234	0.307922	1	1
CG11666	297.2019	-0.24563	0.138988	1	1
CG11227	1105.412	-0.02382	0.091744	1	1
I-3	702.7124	0.001876	0.106558	1	1
CG32507	66.82348	-0.60592	0.268351	1	1
hydra	3229.011	0.251409	0.079533	1	1
CG1835	1311.876	0.066428	0.100279	1	1
GstT3	50.5511	-0.33858	0.277875	1	1
CG1695	9.104261	-0.31985	0.494153	0.675705	1
CG11710	190.8586	-0.06403	0.158653	1	1
Peritrophin-A	1.770163	-0.09788	0.541155	0.812943	1
Obp19c	0.389319	-0.00449	0.605571	1	1
Or19b	0.41067	0.059863	0.623215	0.709062	1
Hers	64.16431	-0.14819	0.246609	1	1
Nup205	127.2746	-0.36068	0.196412	1	1
pico	255.4105	-0.22694	0.160862	1	1
zld	50.77549	0.108129	0.272469	1	1
CG18809	119.3849	-0.187	0.190964	1	1
COX6B	1061.344	-0.25913	0.105202	1	1
Zw	655.2736	0.356006	0.122214	1	1
Rcd-1	1414.048	-0.06242	0.096674	1	1
CG14207	458.4157	-0.01801	0.130909	1	1
RpS10b	2102.706	-0.46062	0.110418	1	1
Tao	157.7519	-0.36065	0.191173	1	1
car	153.1481	-0.06807	0.163919	1	1
Grip84	405.4648	-0.32249	0.127256	1	1
ldh3a	240.9353	-0.44959	0.167941	1	1
Pfrx	263.3402	-0.05272	0.15359	1	1
mRpS14	106.4695	-0.26217	0.192543	1	1
CG32533	85.22341	-0.11708	0.206683	1	1
kek5	66.08498	-0.11161	0.240541	1	1
CG32536	28.25344	0.293605	0.325893	1	1
CG32537	49.16279	-0.75708	0.316531	0.868564	1
Vav	179.6752	-0.09857	0.156568	1	1
CG14195	31.79007	-0.20212	0.297325	1	1
CG32544	6.936636	0.226342	0.463866	0.899902	1
bnb	355.103	0.091445	0.126158	1	1
CG12609	919.8057	0.094288	0.092627	1	1
Cyp18a1	12.44864	-0.97096	0.729599	0.111631	1
CG6659	296.9288	-0.00465	0.131159	1	1
wgn	49.69413	-0.21252	0.255408	1	1
HisRS	262.4867	-0.08412	0.137674	1	1
Pgant7	392.8314	0.532624	0.127629	1	1
CG32547	23.28742	0.05308	0.314425	1	1
CG32551	1.205716	-0.08735	0.548737	0.821359	1
CG32548	4766.323	0.049635	0.092837	1	1
CG15059	478.619	0.212161	0.127646	1	1
CG7536	78.72448	-0.1957	0.221456	1	1

wupA	434.9374	-0.59086	0.14838	1	1
Mvb12	488.7714	0.14813	0.112977	1	1
CG32554	52.4146	-0.1588	0.242172	1	1
CG15814	301.4165	0.020209	0.139425	1	1
CG42684	229.4012	0.312942	0.172968	1	1
par-6	217.3293	-0.1386	0.14998	1	1
RhoGAPp190	211.7248	-0.04229	0.176622	1	1
CG12991	172.1818	-0.13031	0.163753	1	1
Ankle2	234.723	-0.54134	0.15659	1	1
Fim	597.2614	-0.5416	0.132126	1	1
xmas	2043.045	-0.04975	0.110613	1	1
mei-218	0.740052	0.09895	0.623784	0.55739	1
CG4991	31.54801	-0.22699	0.292224	1	1
CG4949	49.33434	-0.49964	0.287768	1	1
CG45002	24.27004	0.215139	0.321885	1	1
CG4928	220.7829	-0.18987	0.172808	1	1
CG4829	103.3773	0.222907	0.217317	1	1
if	105.7503	-0.33739	0.214986	1	1
Twdlalpha	723.5969	0.82091	0.12328	1	1
CG32568	436.0722	0.744824	0.188624	1	1
TwdlX	2.066953	0.020078	0.493072	1	1
TwdlY	0.249444	-0.04453	0.618442	0.811316	1
CG32572	1075.712	0.489053	0.107869	1	1
CG4678	1.770504	0.109301	0.547352	0.755093	1
RpS19a	1644.916	-0.46894	0.11739	1	1
CanA-14F	154.4701	0.083067	0.179518	1	1
hang	75.44874	-0.1358	0.240539	1	1
AnxB11	342.8527	-0.96687	0.137108	0.878073	1
CG4239	64.36044	0.145178	0.242717	1	1
CG9992	734.2898	0.392905	0.110341	1	1
CG3632	114.1173	-0.01885	0.190238	1	1
CG9911	515.0824	-0.24861	0.120988	1	1
nonA	268.9072	-0.40819	0.147023	1	1
caz	264.116	-0.6978	0.156033	1	1
CG32576	109.0267	0.146244	0.209851	1	1
CG32579	23.0796	-0.11734	0.307842	1	1
kat80	77.96739	-0.71651	0.295889	1	1
disco-r	70.69048	-0.22773	0.238365	1	1
CG42354	1.230502	-0.13209	0.573626	0.611902	1
Nipsnap	129.9067	-0.44987	0.188795	1	1
Muc14A	38.11972	0.465388	0.325519	1	1
exd	177.8026	-0.07003	0.16765	1	1
ND-20	296.4068	-0.36184	0.135405	1	1
Lrp4	49.97709	-0.99706	0.386986	0.327945	1
CycD	35.02343	0.041065	0.279522	1	1
sun	340.5964	-0.15733	0.126962	1	1
CG32581	299.5132	0.323451	0.150844	1	1
Paf-AHalpha	241.8934	-0.02002	0.151139	1	1
CG9281	1969.649	-0.02314	0.09351	1	1
Pis	346.9355	0.002248	0.122746	1	1

CG12708	0.567937	0.052701	0.602512	0.80703	1
cerv	123.231	0.123943	0.183384	1	1
CG42299	128.916	-0.2384	0.206032	1	1
CG42300	208.9518	-0.32049	0.160654	1	1
CG6340	471.6365	-0.11207	0.113152	1	1
CG6294	0.243424	-0.0258	0.610211	0.967583	1
Scamp	207.3697	-0.22383	0.166401	1	1
CG9164	8.416551	0.018663	0.392193	1	1
acj6	162.9651	0.143291	0.174071	1	1
HDAC6	789.62	0.128942	0.106811	1	1
Top1	700.0051	-0.01677	0.107918	1	1
CG5877	1354.772	0.474596	0.093423	1	1
CG9106	1560.387	0.452038	0.082003	1	1
CG32588	315.7051	0.714147	0.148872	1	1
opm	86.02969	-0.36425	0.220177	1	1
be	67.65584	-0.13422	0.262269	1	1
CG9030	642.3374	0.516278	0.113359	1	1
Flo2	64.04992	-0.48601	0.262578	1	1
CG32591	2478.577	0.445047	0.089588	1	1
CG32590	26.76917	0.01999	0.297363	1	1
CG14408	75.87405	-0.17979	0.232844	1	1
hog	364.6902	-0.38499	0.151774	1	1
sbm	171.4682	-0.54495	0.235213	1	1
mud	2438.419	0.476994	0.094107	1	1
CG32599	26.2079	0.14796	0.307425	1	1
dpr8	11.21005	0.07693	0.362977	1	1
betaNACtes6	71.48065	0.356687	0.265936	1	1
l(1)G0007	139.7436	-0.41177	0.19765	1	1
betaNACtes2	159.7044	-0.33828	0.202781	1	1
l(1)G0469	8.874241	0.002325	0.379915	1	1
CG32603	15.53248	0.413554	0.425862	0.891132	1
na	53.68896	-0.01114	0.243036	1	1
Ste12DOR	3.886454	-0.13751	0.455871	1	1
mamo	123.5716	-0.17494	0.187678	1	1
AMPdeam	709.4662	0.202018	0.108254	1	1
rdgB	1824.263	-0.1277	0.094712	1	1
CG32625	23.5747	-0.1328	0.305349	1	1
Nadsyn	25.14056	-0.10638	0.308918	1	1
CG11178	81.80068	0.015446	0.212043	1	1
up	823.5676	-0.49777	0.147954	1	1
Tpst	22.55109	-0.00578	0.307163	1	1
CG32631	0.498889	-0.07154	0.635914	0.618831	1
Neto	7.228004	-0.1303	0.401586	1	1
CG1640	2237.743	-0.10231	0.085937	1	1
CG15747	107.6005	-0.18177	0.194176	1	1
RpS15Aa	2161.053	-0.46193	0.111702	1	1
Jafrac1	945.5539	-0.33136	0.095076	1	1
IP3K2	79.06353	-0.27451	0.229201	1	1
HDAC4	144.9072	-0.25387	0.175089	1	1
CG32639	94.30575	0.403089	0.211223	1	1

mew	76.12081	0.307789	0.229436	1	1
CG32641	4.683683	0.26294	0.511272	0.652678	1
CG32640	3.918799	-0.0379	0.432745	1	1
CG32645	22.57533	-0.20003	0.338201	1	1
CG32638	291.4804	-0.09128	0.135049	1	1
hep	77.88097	-0.39481	0.235992	1	1
CG32643	644.2298	-0.24628	0.120034	1	1
Mur11Da	1.643776	0.055246	0.512841	1	1
CG4407	134.9284	-0.27253	0.187987	1	1
CG32650	889.3701	0.28474	0.101007	1	1
CG32647	21.51816	-0.1298	0.312876	1	1
Pde9	72.88582	-0.47808	0.246556	1	1
Agpat1	32.11056	0.215749	0.288303	1	1
CG4004	33.824	-0.01181	0.286502	1	1
Smr	61.31451	0.18085	0.24844	1	1
Tis11	218.2907	-0.12752	0.162675	1	1
Cklalpha	667.0712	-0.18721	0.121287	1	1
Tomosyn	114.7183	-0.14561	0.230431	1	1
LIMK1	1045.65	0.610666	0.123016	1	1
hwt	6.624323	-0.08857	0.4214	1	1
Rab40	78.80988	-0.21118	0.216896	1	1
CG32651	1065.924	0.814072	0.126823	1	1
CG32655	4664.687	-0.34631	0.079031	1	1
Cyp318a1	13.26703	-0.23064	0.389136	1	1
regucalcin	2594.348	-0.08794	0.109652	1	1
pot	35.90975	-0.08555	0.284035	1	1
CG10353	153.9266	-0.17156	0.178203	1	1
CG1847	105.2244	-0.42636	0.208411	1	1
CG10347	592.7007	0.158327	0.105979	1	1
rudhira	253.0239	0.217403	0.185855	1	1
Amun	361.6079	-0.09649	0.134705	1	1
Hsc70-3	2625.568	-0.0092	0.096336	1	1
PhKgamma	507.1605	0.161191	0.118392	1	1
bif	475.7424	0.07834	0.133594	1	1
Vlet	125.781	-0.07109	0.180595	1	1
Karl	11.36294	0.009852	0.357702	1	1
Tango10	120.8052	-0.31423	0.216077	1	1
rho-4	170.7737	-0.3976	0.176495	1	1
CG1572	488.4266	-0.28276	0.171451	1	1
Cyp4g15	27.33817	-0.01588	0.298379	1	1
Sk1	15.16776	0.097012	0.342986	1	1
Evi5	824.5195	0.535999	0.116871	1	1
Kap3	93.22354	-0.08168	0.226091	1	1
CG44422	15.04785	-0.25259	0.371588	1	1
Dlic	254.2125	-0.30167	0.173022	1	1
CG32668	0.467356	0.047016	0.609187	0.82159	1
Ran	3447.557	-0.15461	0.070659	1	1
Klp10A	1968.895	0.269752	0.117714	1	1
Hsp60A	2926.126	-0.00137	0.072967	1	1
SmydA-4	7.036777	0.122978	0.41716	1	1

Rab9Fb	135.2011	0.467413	0.188531	1	1
Ork1	1.763486	-0.0716	0.520661	0.991152	1
CG1637	925.2494	0.508712	0.112298	1	1
CG32669	4.310998	0.164508	0.498961	0.826202	1
Imp	2690.515	0.038013	0.111139	1	1
sesB	1419.876	-0.66834	0.099606	1	1
Atg8a	1261.026	0.044165	0.101037	1	1
Tango5	889	0.127579	0.10426	1	1
X11Lbeta	14.66027	0.095627	0.355899	1	1
Rab9E	25.22858	-0.75837	0.436359	0.510876	1
Rab9D	18.58717	0.859649	0.539685	0.268988	1
CG32687	96.57961	-0.30443	0.215989	1	1
nocte	280.6266	-0.34194	0.166813	1	1
CG32683	2.488217	0.015557	0.468656	1	1
CG32686	2128.145	0.062862	0.101927	1	1
CG32679	0.391944	0.009704	0.593641	1	1
Hk	30.62939	-0.2264	0.297899	1	1
ZAP3	458.8262	-0.35588	0.120897	1	1
CG15312	3.639174	-0.045	0.462141	1	1
CG2990	18.85475	-0.24842	0.340498	1	1
CG32694	36.32695	0.073601	0.281722	1	1
Ptpmeg2	640.8806	0.297968	0.108848	1	1
CG1889	8.285618	0.140652	0.413386	1	1
Idgf4	4270.695	-0.91814	0.116529	1	1
CG9691	215.4182	0.017933	0.164912	1	1
LysRS	331.435	-0.42752	0.147719	1	1
CG32695	11.35093	-0.54994	0.547527	0.409685	1
Hex-A	1405.885	0.327004	0.10909	1	1
Cubn	46.02714	0.323542	0.285856	1	1
CG32700	307.6106	0.402411	0.164256	1	1
Sp1	6.241737	0.360295	0.561857	0.444807	1
CG34449	138.0593	-0.00051	0.176639	1	1
Erk7	2872.812	0.291422	0.114947	1	1
Ir8a	0.909944	0.153794	0.649352	0.397961	1
Obp8a	2.530917	0.052639	0.502975	1	1
su(r)	57.49393	0.266046	0.261136	1	1
CG32706	131.7779	-0.43911	0.192412	1	1
CG32708	116.6979	-0.1818	0.212937	1	1
e(r)	486.6845	-0.30916	0.132643	1	1
Ppt1	135.3221	-0.15664	0.176247	1	1
Crag	231.4844	-0.12445	0.161117	1	1
spirit	31.42431	0.19296	0.306683	1	1
Sptr	76.68057	0.004702	0.217212	1	1
CG32713	803.1766	-0.36766	0.111204	1	1
CG32712	59.84666	-0.52611	0.281672	1	1
lawc	52.49269	0.158117	0.259481	1	1
ND-75	1223.877	-0.2575	0.090743	1	1
Trxr-1	1705.568	-0.05859	0.086199	1	1
UbcE2H	185.7108	-0.35082	0.167481	1	1
sn	194.0105	-0.3776	0.165959	1	1

sws	1841.28	0.205395	0.131819	1	1
RpS14a	1118.8	-0.38854	0.124359	1	1
RpS6	3118.619	-0.39438	0.103622	1	1
dec-1	38.20396	0.042084	0.28358	1	1
CG32718	672.0457	0.846927	0.119041	1	1
CG32720	582.6226	0.612674	0.12781	1	1
CG32719	1069.945	0.753874	0.101776	1	1
CG32727	517.8998	0.028177	0.113862	1	1
CG1677	432.9578	-0.29505	0.145599	1	1
fz4	94.54454	0.045838	0.215721	1	1
CG4607	118.8468	0.380546	0.211906	1	1
CG32783	102.9311	0.310544	0.206047	1	1
nonC	451.9611	0.219232	0.134584	1	1
Inx2	110.8081	-0.4899	0.225199	1	1
pod1	160.8612	-0.30278	0.173516	1	1
yin	142.9961	0.094495	0.183407	1	1
ec	52.39826	0.172897	0.283337	1	1
ogre	128.8424	0.895652	0.283828	0.674188	1
Crg-1	3.141278	0.110975	0.462753	1	1
Setd3	31.56275	-0.23477	0.291763	1	1
sov	93.59233	0.072264	0.20167	1	1
RpL17	2103.934	-0.48459	0.114571	1	1
HIP-R	723.4011	0.025888	0.107001	1	1
CG3168	91.4241	0.393644	0.229567	1	1
Rala	177.1494	-0.42094	0.192717	1	1
Mnt	83.37298	-0.01772	0.242547	1	1
Pink1	1562.211	-0.12731	0.097585	1	1
Fum2	1358.406	0.196753	0.098312	1	1
AstA-R1	0.978417	-0.13106	0.615524	0.503511	1
Fum1	217.3825	-0.51699	0.162209	1	1
CG2875	35.7875	-1.2034	0.432145	0.134975	1
Cdc7	1404.241	0.215949	0.095555	1	1
APC7	1.356397	3.35E-05	0.514822	1	1
CG17717	1395.485	-0.10451	0.082838	1	1
CG13021	302.2164	0.69338	0.144343	1	1
DIP-alpha	32.41133	0.361826	0.315657	1	1
RpL7A	4107.662	-0.54646	0.109979	1	1
CG10804	0.169892	0.02982	0.611184	0.934191	1
CG12206	565.578	0.310569	0.117313	1	1
kdn	1025.042	-0.00481	0.094249	1	1
CG12535	383.0404	0.619925	0.145059	1	1
dnc	91.66392	-0.3536	0.22928	1	1
CG15891	170.8007	-0.15699	0.172586	1	1
Ubi-p5E	1496.588	0.06006	0.084428	1	1
schlank	448.1303	-0.35934	0.117142	1	1
Efr	145.7933	0.475937	0.200032	1	1
CG32751	0.615732	0.101485	0.632902	0.527679	1
CG32750	7.462346	-0.53849	0.648094	0.254117	1
Nep1	207.4447	-0.54605	0.19248	1	1
CG5921	0.857511	0.072173	0.568684	0.813408	1

CG32755	135.8134	-0.02335	0.182529	1	1
CG32756	254.8676	-0.33149	0.16819	1	1
CG12236	40.0069	-0.02465	0.291405	1	1
Act5C	9006.884	-0.53761	0.088152	1	1
crm	31.31974	0.00357	0.280631	1	1
CG2694	229.7584	0.638321	0.164087	1	1
IntS6	181.9509	-0.42423	0.19685	1	1
egh	256.7383	-0.12856	0.151523	1	1
CG32758	73.25104	-0.03427	0.228785	1	1
RpL35	2063.172	-0.3994	0.099238	1	1
Sirt4	14.97654	0.085056	0.34132	1	1
boi	50.52628	0.039107	0.248697	1	1
CG32797	46.07235	-0.19153	0.256726	1	1
RhoGAP5A	61.80128	-0.06846	0.229171	1	1
CG2841	1877.613	-0.02625	0.115319	1	1
frma	9.288253	-0.38747	0.501793	0.606617	1
Usp16-45	646.9871	0.522343	0.127521	1	1
CG2924	110.1137	-0.27966	0.219603	1	1
spoon	507.7577	0.251559	0.125876	1	1
CG3191	100.7297	0.390594	0.212818	1	1
Cyp4d1	16.05794	0.136134	0.338146	1	1
wapl	184.2303	-0.34137	0.166605	1	1
D2hgdh	124.6946	-0.33388	0.197663	1	1
csw	178.4916	-0.37983	0.185694	1	1
rg	0.140435	-0.00449	0.605571	1	1
ovo	10.10405	-0.17629	0.419405	1	1
Unc-76	215.3763	-0.47025	0.154728	1	1
CG4199	653.4253	0.199464	0.118452	1	1
Ptp4E	185.6591	-0.25988	0.163625	1	1
CG2861	1213.105	-0.14174	0.102749	1	1
Proc-R	9.722087	0.562072	0.574194	0.354444	1
Pdha	217.0216	-0.70677	0.174517	1	1
Actn	176.7933	-0.10313	0.202852	1	1
CG11596	141.7962	-0.2967	0.176705	1	1
Edem1	290.262	-0.39798	0.140628	1	1
fzr	536.2633	0.483622	0.13698	1	1
Cbp80	102.4033	-0.27838	0.195338	1	1
CG12179	1294.369	0.641876	0.145184	1	1
trr	133.8615	-0.04775	0.179309	1	1
Usf	278.7105	-0.10687	0.140752	1	1
Pex5	523.2235	0.132005	0.113921	1	1
CG14814	212.6153	0.826509	0.180171	1	1
br	46.29782	0.159725	0.257005	1	1
norpA	87.87772	0.085801	0.21101	1	1
prage	2198.809	0.083779	0.12319	1	1
NO66	441.8094	-0.64735	0.129618	1	1
Fas2	185.1456	-0.38088	0.188836	1	1
CG32806	945.7431	0.127671	0.108027	1	1
GlcAT-I	50.26509	-0.0741	0.246309	1	1
Adar	127.8049	-0.14637	0.192032	1	1

cib	2366.832	-0.40144	0.093759	1	1
sta	3501.106	-0.54388	0.107497	1	1
Rab27	36.60935	-0.03061	0.27777	1	1
pck	186.5836	-0.15347	0.16799	1	1
CG32808	6.29577	-0.08712	0.405821	1	1
CG32813	70.25704	-0.18799	0.226931	1	1
Naa30A	151.7302	-0.12388	0.184264	1	1
CG32811	179.689	-0.03478	0.165031	1	1
DAAM	230.9106	0.67806	0.177291	1	1
CG14624	0.280869	-0.00449	0.605571	1	1
CG32814	6.097425	0.033925	0.412274	1	1
eIF4E7	1927.833	0.224053	0.083735	1	1
TRAM	278.4311	-0.527	0.149288	1	1
CG32815	16.72967	-0.48449	0.429361	0.80805	1
CG5273	731.6432	-0.59848	0.109286	1	1
SkpA	477.5573	-0.35123	0.139389	1	1
RpL36	2504.608	-0.44356	0.108516	1	1
CG17829	71.18188	0.051496	0.213083	1	1
Vsp37A	1156.99	0.258517	0.09999	1	1
CG4293	127.6047	-0.16184	0.195929	1	1
CG17896	278.4327	0.021822	0.130609	1	1
CG32817	23.84854	0.135479	0.317839	1	1
CG3777	33.34498	0.267539	0.304024	1	1
CG32816	11.24233	0.205304	0.389716	1	1
ewg	93.29851	-0.35237	0.212144	1	1
CG3038	32.90621	-0.23792	0.28489	1	1
pho	831.2244	0.049599	0.107366	1	1
CG32017	6.903787	0.114576	0.420866	1	1
CG11155	240.0107	-0.5254	0.175692	1	1
Cals	636.2085	0.078669	0.139067	1	1
sv	14.10427	0.236612	0.388682	1	1
Zyx	591.017	-0.32086	0.136327	1	1
CaMKII	278.6875	-0.3601	0.158712	1	1
ATPsynbeta	1960.988	-0.69408	0.105096	1	1
4E-T	784.4726	0.270004	0.106161	1	1
CG11076	571.5094	-0.2204	0.123252	1	1
PlexA	1039.294	-0.11434	0.113248	1	1
unc-13	276.3348	0.125167	0.143083	1	1
Sox102F	39.76567	-0.18295	0.281353	1	1
MED26	916.6618	0.074763	0.119178	1	1
ey	7.257375	-0.13409	0.40249	1	1
myo	110.4681	-0.13747	0.214062	1	1
gw	786.1271	-0.12418	0.105007	1	1
Gat	16.83355	-0.15993	0.346914	1	1
Eph	506.5386	-0.32762	0.139074	1	1
Ephrin	215.8557	-0.34925	0.158724	1	1
Pur-alpha	91.2996	-0.105	0.212887	1	1
Asator	185.7809	-0.4918	0.173001	1	1
CaMKI	230.2072	-0.61533	0.17165	1	1
PMCA	553.8389	-0.48869	0.113455	1	1

CG32850	78.08401	-0.01415	0.219619	1	1
Rad23	1187.768	-0.27612	0.102179	1	1
CG31999	41.97015	0.201703	0.272428	1	1
Crk	546.0134	0.036943	0.124712	1	1
CG31998	297.827	0.305929	0.142765	1	1
ABCD	306.3891	0.046246	0.134479	1	1
CG31997	61.97668	-0.02295	0.229382	1	1
CG32006	333.9208	1.145421	0.156434	0.180305	1
pan	122.831	-0.21203	0.198307	1	1
RpS3A	4657.949	-0.48948	0.099683	1	1
CG30428	328.5241	0.132095	0.140264	1	1
CG30427	13.99853	0.068023	0.354448	1	1
CG30429	1347.074	0.374634	0.086537	1	1
CG9380	72.66837	-0.24882	0.228567	1	1
CG30430	5513.272	-0.33919	0.088778	1	1
NaCP60E	119.9922	0.614642	0.229647	1	1
gol	49.38352	0.187601	0.252758	1	1
zip	2596.256	0.11764	0.097699	1	1
NKAIN	362.9565	-0.25373	0.130081	1	1
emp	4644.071	0.226156	0.092832	1	1
CG30423	344.7099	-0.31398	0.140095	1	1
CG3760	888.9658	-0.30904	0.093914	1	1
CG44247	5.202765	0.098358	0.456426	1	1
DII	10.34515	-0.0478	0.361661	1	1
Eps-15	1600.946	-0.35583	0.102789	1	1
SiaT	8.460539	0.269516	0.457831	0.878621	1
Mmp1	390.9572	-0.24785	0.169195	1	1
Pof	9415.402	0.682771	0.084622	1	1
ND-19	698.3404	-0.05835	0.106905	1	1
Cpr60D	6.157454	0.181655	0.447199	1	1
ATPsynF	1269.087	-0.05862	0.103107	1	1
pio	41.79829	0.536349	0.337044	1	1
CG13585	652.3208	-0.20819	0.113733	1	1
Letm1	2175.506	-0.00918	0.101698	1	1
CG3494	4215.944	0.160994	0.080132	1	1
prom	21.80293	0.015745	0.310892	1	1
mAChR-A	15.08492	0.04929	0.35097	1	1
bs	69.16156	0.072872	0.220794	1	1
Fatp3	1106.853	0.377279	0.100158	1	1
CG3376	366.6777	-0.55395	0.137684	1	1
tamo	357.0127	0.610068	0.153921	1	1
CG16786	61.5926	0.791902	0.344137	0.708284	1
Gpat4	871.5315	0.01484	0.088272	1	1
RpL12	2834.066	-0.40702	0.109154	1	1
eEF5	4392.437	-0.23708	0.096859	1	1
sei	72.93514	-0.15425	0.229155	1	1
Not11	151.9843	-0.21413	0.180106	1	1
MAN1	1632.067	0.166686	0.093273	1	1
CG30172	1.002657	0.159855	0.651791	0.386422	1
Chi	459.1774	-0.37942	0.114879	1	1

HSPC300	199.8512	0.166321	0.163584	1	1
CG3907	313.0707	-0.06379	0.134829	1	1
CG30178	722.167	0.028857	0.110777	1	1
Phm	887.5455	-0.10084	0.097302	1	1
CG3065	245.364	-0.16316	0.15737	1	1
alpha-Catr	30.689	0.22863	0.324922	1	1
Galphas	149.9151	-0.09123	0.173733	1	1
SERCA	1655.34	0.010884	0.092592	1	1
kcc	160.7356	-0.22953	0.168174	1	1
Upf3	486.9536	0.127389	0.114248	1	1
TBPH	392.3821	-0.14651	0.1226	1	1
Pym	88.8624	0.474172	0.230882	1	1
CG4797	4.821837	-0.20392	0.473419	0.883368	1
CG30177	1780.681	0.245668	0.084544	1	1
egl	129.1014	0.081337	0.188338	1	1
sigmar	162.8765	0.005889	0.170126	1	1
Pde8	500.3932	0.010445	0.257974	1	1
apt	415.8007	0.066172	0.127736	1	1
roh	1025.757	0.140519	0.106391	1	1
CG30184	224.8718	0.88872	0.168207	1	1
CG13551	894.0075	-0.23279	0.10762	1	1
pita	583.355	0.172543	0.10461	1	1
ppk3	4.085191	0.292988	0.574761	0.441291	1
CG30411	0.971233	0.068232	0.56333	0.84843	1
Rpi	727.0767	0.32485	0.107048	1	1
CG9812	4.518978	-0.08365	0.440979	1	1
CG30413	0.09733	-0.00449	0.605571	1	1
CG3530	316.5919	-0.32148	0.137562	1	1
tbrd-3	262.9021	-0.10767	0.154792	1	1
eIF2Bdelta	329.051	0.045573	0.125059	1	1
CG30416	1391.727	-0.13304	0.095227	1	1
CG30412	3082.722	-0.10131	0.075443	1	1
ord	424.3294	0.595014	0.12771	1	1
yip3	443.2013	0.052267	0.116982	1	1
CG30192	1019.611	-0.0655	0.099816	1	1
Gr59c	0.389518	-0.04981	0.620802	0.771806	1
Gr59a	0.886692	0.036913	0.547636	1	1
l(2)k09913	533.039	-0.27143	0.118914	1	1
CG32833	6.4869	0.017147	0.596256	1	1
ReepA	1418.262	0.283537	0.083442	1	1
nahoda	191.3464	-0.01742	0.194155	1	1
CG30187	40.22708	0.201468	0.268811	1	1
YME1L	4228.263	0.021997	0.085241	1	1
PIP5K59B	15.87402	0.58667	0.471425	0.57563	1
inaD	1.120029	0.005751	0.535595	1	1
MFS1	0.280869	-0.00449	0.605571	1	1
CG30274	0.421304	-0.00449	0.605571	1	1
CycB	1597.741	1.005397	0.095173	0.741572	1
blw	2587.353	-0.62331	0.077141	1	1
CG30270	1116.962	0.219082	0.09734	1	1

jbug	261.0666	-0.13766	0.191037	1	1
robo1	214.0693	-0.02567	0.155598	1	1
CG30196	48.35191	0.208059	0.272513	1	1
CG2852	2566.738	-0.26741	0.088594	1	1
Vps20	294.2339	0.078107	0.148873	1	1
px	128.4254	-0.08612	0.190302	1	1
rad50	266.8377	-0.4962	0.171961	1	1
Gp150	1791.768	-0.1347	0.101104	1	1
wdp	673.6209	-0.39326	0.111386	1	1
CG5819	23.33881	0.071009	0.320691	1	1
CG30278	3290.431	-0.38865	0.084061	1	1
Swim	374.7309	-0.13575	0.126837	1	1
Vps35	330.6677	-0.23628	0.134011	1	1
CG11170	110.9281	-0.35594	0.198799	1	1
a	186.9649	-0.02671	0.179282	1	1
CG30281	6.446906	-1.0414	1.069591	0.044687	1
Vrp1	1159.338	0.358971	0.118752	1	1
dany	186.2828	-0.23546	0.157908	1	1
CG11474	1268.393	-0.43559	0.099138	1	1
Snp	2182.721	0.970976	0.092008	1	1
Gr58a	2.494948	0.164678	0.558507	0.598488	1
Gr58c	2.497276	-0.099	0.483426	1	1
CG13492	6.784765	-0.34446	0.490978	0.671277	1
CG30395	265.0088	0.420655	0.209942	1	1
LBR	135.7307	-0.4652	0.191392	1	1
CG30398	639.1989	-0.25941	0.117745	1	1
Tango11	2382.464	-0.10068	0.084444	1	1
HmgD	674.5053	-0.25965	0.12266	1	1
CG30403	5.971471	-0.18091	0.472364	0.925123	1
HmgZ	146.996	-0.23136	0.200307	1	1
Tim10	0.949794	0.030652	0.557744	1	1
CG30285	9.675156	-0.13818	0.396528	1	1
CG42365	102.7596	0.01392	0.195675	1	1
CG30284	616.8623	0.353957	0.106652	1	1
CG10082	272.5951	0.057827	0.147579	1	1
PTP-ER	131.6988	-0.52501	0.196856	1	1
CG10433	123.8085	-0.49967	0.19884	1	1
CG30222	1009.36	1.176987	0.122738	0.078496	1
CG30287	1.035824	-0.17203	0.645328	0.384797	1
CG30289	1.503288	-0.3259	0.820483	0.151199	1
CG10494	52.23778	0.35722	0.25959	1	1
Fkbp14	225.413	-0.1587	0.155496	1	1
Sdc	421.5297	-0.37666	0.125746	1	1
CG42672	162.759	0.014137	0.164356	1	1
RpL29	1304.513	-0.49432	0.111753	1	1
Sgf29	72.70371	-0.43328	0.242758	1	1
MFS16	224.3877	-0.22276	0.168066	1	1
CG30393	1456.463	1.102477	0.116888	0.232882	1
Gyg	81.19401	-0.51748	0.255466	1	1
Pu	28.58881	0.136606	0.288711	1	1

Xpd	278.219	-0.5221	0.161605	1	1
Xbp1	1293.373	-0.36176	0.09647	1	1
Tmtc3	110.3399	-0.07804	0.192334	1	1
Treh	2453.773	0.086403	0.083482	1	1
Cht12	3289.387	0.581253	0.07986	1	1
CG30291	251.5827	-0.23553	0.137863	1	1
CG3216	13.45642	0.301564	0.402215	1	1
Rx	2.53184	-0.0265	0.479789	1	1
exu	23913.77	0.080465	0.067739	1	1
Fem-1	260.477	0.122837	0.140133	1	1
CG30151	12.34806	-0.61137	0.530017	0.417853	1
Obp57a	7.028514	0.00526	0.411969	1	1
Obp57b	2.650568	0.182233	0.521416	0.701964	1
CG9945	251.1805	0.101952	0.137177	1	1
side-VIII	36.10499	0.469039	0.335683	1	1
Hil	39.6728	0.106419	0.267862	1	1
CG13870	1266.489	0.847594	0.105528	1	1
CG8929	221.4131	0.039656	0.156805	1	1
CG11200	72.25935	0.098788	0.224744	1	1
RpS18	3070.05	-0.36412	0.098288	1	1
Hsl	541.3683	0.300941	0.133769	1	1
Ate1	299.8836	-0.36548	0.134969	1	1
CG30447	701.5316	0.785308	0.114217	1	1
Obp56i	331.0175	0.087577	0.142984	1	1
Obp56f	13.62199	0.096309	0.553172	0.774456	1
isopeptidase-T-3	1950.753	0.182209	0.080536	1	1
hrg	456.0619	-0.13511	0.116205	1	1
sm	11253.94	0.547077	0.111635	1	1
betaTub56D	3155.164	-0.60131	0.10671	1	1
EloC	608.4155	-0.13903	0.117654	1	1
Fak	174.2666	-0.21525	0.170458	1	1
hts	828.0463	-0.00451	0.109957	1	1
SdhA	2921.501	0.21885	0.084449	1	1
CG11961	114.8651	-0.65827	0.23497	1	1
Rgk1	63.46574	0.015184	0.252466	1	1
EndoB	187.9409	-0.43482	0.185586	1	1
wbl	99.3959	-0.18223	0.209596	1	1
cora	369.3309	-0.37577	0.155995	1	1
hppy	403.9432	-0.12221	0.144976	1	1
CG10737	278.7238	0.150118	0.17089	1	1
ena	195.3495	-0.23857	0.162576	1	1
CG15111	2537.222	-0.07505	0.07657	1	1
CG15118	1181.953	-0.30294	0.089677	1	1
CG15117	1434.37	-0.05874	0.122494	1	1
Ir56a	0.589228	0.014117	0.58199	1	1
5-HT1A	25.91741	0.628981	0.402458	0.755243	1
tn	115.0642	-0.08114	0.210676	1	1
prod	164.9204	-0.39165	0.170076	1	1
sano	15.36066	-0.14596	0.373721	1	1
Vha100-3	1776.539	1.085687	0.10276	0.264673	1

Phb2	2985.844	0.004338	0.084633	1	1
MFS14	232.6896	0.320499	0.201819	1	1
CG15096	401.5775	-0.03676	0.118971	1	1
MFS15	120.9477	-0.11649	0.181126	1	1
Atg7	114.4868	0.675583	0.221967	1	1
CG5327	930.1523	0.028308	0.09509	1	1
CG15093	7.414244	0.140971	0.415618	1	1
CG17821	359.4286	0.771539	0.144432	1	1
CG30116	214.6382	-0.00117	0.184486	1	1
Ntan1	336.3238	0.149035	0.13616	1	1
slim	2331.399	-0.09484	0.086634	1	1
CG5174	1075.285	-0.20526	0.091267	1	1
GstE9	90.64208	-0.97407	0.279531	0.509969	1
IM2	25.0834	-0.44446	0.403179	0.966067	1
CG14502	9.566237	0.068946	0.374572	1	1
CG30114	27.60201	0.118679	0.293214	1	1
Dgp-1	871.7492	-0.0869	0.113535	1	1
lolal	586.8959	0.156009	0.113907	1	1
pAbp	9434.194	0.075834	0.10447	1	1
stau	284.5118	-0.14418	0.147491	1	1
CG5756	0.428536	-0.02891	0.604251	0.958495	1
CG30325	360.707	0.398406	0.130597	1	1
CG30110	957.0653	-0.00869	0.091331	1	1
Mapmodulin	1253.187	-0.26631	0.094125	1	1
thr	236.1696	0.247697	0.16075	1	1
Hyccin	266.6238	-0.16781	0.139647	1	1
CG6424	2.407071	0.181463	0.591587	0.484771	1
HPS4	121.9684	-0.19711	0.190747	1	1
CG30109	646.2797	-0.13565	0.114359	1	1
CG30108	194.8448	-0.17212	0.161079	1	1
CG30105	73.49381	0.229554	0.233828	1	1
Rab4	194.9468	-0.03059	0.153834	1	1
eIF3b	2114.454	0.051332	0.089197	1	1
CG4853	199.6977	-0.60072	0.185772	1	1
NT5E-2	1553.207	-0.31562	0.092635	1	1
qkr54B	42.84577	0.053875	0.27521	1	1
CG14478	257.9964	-0.06175	0.136981	1	1
l(2)k01209	126.7745	-0.22542	0.197493	1	1
cnk	150.1946	-0.48842	0.184055	1	1
Prosalpha5	1612.203	-0.20368	0.099295	1	1
CG15611	120.159	-0.1662	0.201912	1	1
GstS1	12552.42	-0.0663	0.071283	1	1
Sply	196.044	-0.15168	0.157107	1	1
CG6967	5.00521	0.097455	0.434432	1	1
Dark	36.83906	0.178485	0.284309	1	1
CG5522	127.5265	-0.12169	0.193959	1	1
CG6665	98.36162	0.096856	0.213491	1	1
Pkc53E	13.30437	1.222338	0.78947	0.059549	1
Pgant9	583.3706	0.546318	0.121292	1	1
Picot	307.6997	0.038203	0.138359	1	1

gprs	1.132629	-0.01903	0.539403	1	1
Cdk4	11.61464	-0.17992	0.387259	1	1
RpS15	3535.526	-0.34711	0.105031	1	1
Parp16	980.9292	0.257154	0.098685	1	1
CG6262	9022.983	-0.20683	0.08613	1	1
Hmgs	326.8344	-0.14055	0.143481	1	1
CG7997	220.1108	-0.20894	0.157214	1	1
Vha44	924.034	-0.31129	0.094746	1	1
CG30096	18.68256	-0.15469	0.335466	1	1
CG30324	3477.323	-0.30612	0.084777	1	1
csul	107.586	-0.35465	0.199917	1	1
mrj	4896.117	0.016819	0.075487	1	1
sotv	87.7088	0.298477	0.237585	1	1
CG30094	727.346	-0.11451	0.099854	1	1
Got1	4261.557	-0.12813	0.072225	1	1
spin	382.2084	0.018905	0.127596	1	1
CG30095	1.230838	0.140019	0.603541	0.515786	1
CG8405	301.7611	0.165573	0.165253	1	1
CG8401	4.743254	-0.33155	0.542729	0.50684	1
Rrp42	46.81764	0.050401	0.258691	1	1
CG8389	207.9692	-0.18415	0.155151	1	1
ATPCL	818.0925	-0.67719	0.100662	1	1
Strn-Mlck	94.45693	-0.07358	0.220786	1	1
COX6AL	1002.359	0.0971	0.095386	1	1
Rif1	32.27791	-0.35265	0.316975	1	1
Gpo1	142.2776	-0.48867	0.20959	1	1
CG30083	0.235304	0.016717	0.607437	1	1
CG30090	210.7153	-0.13079	0.173612	1	1
CG30091	1.357915	-0.22816	0.690669	0.279164	1
fus	536.2972	0.330087	0.13213	1	1
Pgant1	144.1379	0.053959	0.173493	1	1
Ir52c	4.645641	0.025859	0.443586	1	1
drk	549.4935	0.115915	0.112709	1	1
Ir52b	3.420133	0.061892	0.441206	1	1
CG30472	342.6955	0.81467	0.187946	1	1
SRPK	1148.987	-0.14037	0.102956	1	1
CG30466	829.3124	-0.08514	0.119955	1	1
bbc	643.6125	0.096735	0.105785	1	1
CG30062	0.124722	-0.0258	0.610211	0.967585	1
Flo1	273.623	0.047789	0.151455	1	1
CG12963	781.6908	0.206783	0.099082	1	1
Arf51F	519.7227	-0.21988	0.122887	1	1
cnn	4245.648	0.466455	0.081769	1	1
CG30065	902.6451	0.905582	0.134379	1	1
CG30060	616.7725	-0.06466	0.114082	1	1
Xpc	602.7015	0.037636	0.102982	1	1
ND-51L2	679.8007	0.922765	0.151161	1	1
scb	485.7974	-0.43549	0.150258	1	1
CG18278	3.549548	-0.01219	0.451931	1	1
CG8079	96.54755	-0.36888	0.204167	1	1

row	178.6473	-0.49475	0.181648	1	1
Obp51a	2.710175	-0.146	0.72569	0.279003	1
Ir51b	13.30508	0.092841	0.353685	1	1
Dh31-R	5.089232	0.139841	0.494171	0.898942	1
CG42319	8.250472	-0.25918	0.457147	0.893441	1
ckn	169.9361	-0.11982	0.179436	1	1
CG4712	3214.56	0.535273	0.104447	1	1
Dp	203.156	0.12115	0.15933	1	1
Kank	1139.207	0.064674	0.139663	1	1
Fsn	490.561	0.360508	0.126934	1	1
hui	16.21668	0.037129	0.328457	1	1
ValRS	215.5306	-0.43229	0.174849	1	1
kn	2.370539	0.039206	0.498465	1	1
BEAF-32	168.8327	-0.21281	0.17658	1	1
CG10151	357.4309	-0.49554	0.136764	1	1
TppII	558.3333	-0.24084	0.109126	1	1
ave	205.8718	0.203025	0.16879	1	1
CG44251	13.26414	-1.2318	0.691718	0.071697	1
Rpn6	3715.796	-0.03947	0.072973	1	1
CG30487	2498.754	0.242865	0.099518	1	1
SCCRO3	1989.259	-0.16521	0.085359	1	1
mspo	4.811081	0.097471	0.449184	1	1
NAT1	2918.602	0.023602	0.120431	1	1
Nmda1	978.8516	0.031558	0.095105	1	1
Blos1	68.32405	-0.30062	0.232562	1	1
CG30076	32.67455	-0.07085	0.285939	1	1
CG30197	255.9405	0.139968	0.175742	1	1
Asx	604.7217	0.278733	0.153799	1	1
phyl	93.37148	1.095952	0.288893	0.282922	1
bic	3686.395	-0.26847	0.069067	1	1
CG30075	150.3533	0.266375	0.195465	1	1
Obp50d	32.94769	0.247419	0.295002	1	1
antr	22.68749	0.186786	0.376901	1	1
sca	1.658908	-0.11129	0.54366	0.762834	1
Tfb1	841.9228	-0.28132	0.112137	1	1
Nacalpa	1931.818	0.070589	0.085247	1	1
Dgkepsilon	507.5664	0.088321	0.113766	1	1
Taz	665.2492	1.159842	0.110655	0.082897	1
Shrm	171.2681	0.338677	0.196365	1	1
SelD	624.9115	-0.68565	0.117015	1	1
CG30053	1.280348	-0.10647	0.549582	0.755373	1
CG8547	149.8721	0.011556	0.179779	1	1
CG13148	462.8652	0.018754	0.115189	1	1
GLS	1548.016	0.005151	0.101351	1	1
CG8485	339.8618	0.053375	0.128561	1	1
Opa1	527.1593	-0.10111	0.11492	1	1
CG8468	14.10451	-1.0627	0.712818	0.09923	1
nemy	1488.557	0.216786	0.08824	1	1
CG18324	0.219	-0.00449	0.605571	1	1
ZnT49B	394.3884	-0.06414	0.130592	1	1

Rcd1	515.3277	0.176748	0.125867	1	1
CG8785	10.0555	-0.24296	0.413525	1	1
lswi	1382.571	0.5435	0.090217	1	1
RN-tre	494.4199	-0.12128	0.117351	1	1
muskelin	156.9372	0.203697	0.17316	1	1
Cp1	4058.393	-0.37291	0.079145	1	1
Rpn13	2202.436	-0.19925	0.0799	1	1
Galphaq	100.3007	0.053949	0.203236	1	1
AGO1	284.1196	-0.38126	0.156575	1	1
shot	399.2417	0.019392	0.170226	1	1
Echs1	384.2902	-0.20649	0.145548	1	1
CG30056	1241.773	-0.23113	0.097779	1	1
CG30485	791.7343	0.083236	0.110878	1	1
fra	364.8164	0.042117	0.133102	1	1
achi	269.0293	0.747947	0.152256	1	1
fdl	604.1698	0.152679	0.119187	1	1
fl(2)d	121.2418	-0.00632	0.181021	1	1
Dh44-R2	27.69144	-0.13519	0.295414	1	1
CG30048	363.2993	0.584159	0.132729	1	1
Dyb	35.79951	-0.05256	0.278249	1	1
CG6145	158.1025	-0.28894	0.174809	1	1
CG30334	1041.034	-0.17055	0.108415	1	1
Tmem18	255.0264	0.302265	0.145632	1	1
Cpr49Ac	15.83766	0.078959	0.337051	1	1
CG30043	0.140435	-0.00449	0.605571	1	1
CG13331	1.689918	-0.06484	0.509015	1	1
DUBAI	2104.072	0.182922	0.117651	1	1
CG13160	0.75443	-0.01626	0.555534	1	1
CG30049	1.906508	0.108449	0.550004	0.748075	1
CG30047	7.550855	0.156123	0.409486	1	1
CG8839	914.6283	0.060333	0.115765	1	1
garz	1478.249	0.664629	0.12329	1	1
CG8841	168.1119	0.1276	0.186836	1	1
CG30046	15.91581	0.189634	0.352487	1	1
CG30203	12.52301	-0.00438	0.364665	1	1
CG8850	1.713504	0.03881	0.486039	1	1
Cam	4643.954	0.326228	0.079074	1	1
RpS11	2588.087	-0.37224	0.096752	1	1
CCT5	1375.6	-0.50323	0.092037	1	1
SmD3	357.6691	-0.12047	0.125493	1	1
Oda	1511.75	0.22171	0.088606	1	1
CG30039	6078.933	0.479648	0.090821	1	1
Mppe	186.4874	-0.01512	0.156194	1	1
CG30037	261.0193	0.510395	0.151949	1	1
CG8298	1097.784	0.29527	0.095249	1	1
CG30036	56.79862	0.410556	0.258957	1	1
ADD1	500.99	-0.13672	0.116053	1	1
PI31	3187.091	-0.03165	0.074939	1	1
exp	5.427592	-0.1902	0.457404	0.986975	1
MCPh1	5265.031	0.040596	0.102725	1	1

eEF1alpha1	19347.57	-0.42909	0.080865	1	1
ERp60	5173.749	-0.02682	0.067489	1	1
wal	450.942	-0.55368	0.125859	1	1
tou	174.7346	-0.09981	0.172717	1	1
en	36.61828	-0.38765	0.309309	1	1
inv	150.1544	-0.32325	0.191526	1	1
E(Pc)	551.0028	-0.02197	0.135273	1	1
Prip	36.15293	0.408057	0.315313	1	1
Drip	1307.917	0.442387	0.128902	1	1
CG30026	276.0214	-0.52166	0.160014	1	1
Smyd4-3	24.15489	0.214912	0.33758	1	1
CG30022	64.79654	0.117225	0.241223	1	1
CG13204	40.05456	-0.21583	0.267761	1	1
Gr47b	15.3003	0.486969	0.464832	0.671075	1
CG42336	1106.113	0.140008	0.099284	1	1
CG30033	3.774915	-0.03863	0.464352	1	1
Fbl6	80.80537	-0.26922	0.237802	1	1
CG9062	484.8362	0.494989	0.123944	1	1
CG18004	171.8585	-0.05059	0.160516	1	1
stan	18.29443	-0.02274	0.331899	1	1
CG30016	2.722261	0.218587	0.595625	0.439344	1
CG11883	74.87694	0.134414	0.228632	1	1
CG30015	3186.924	-0.14947	0.114902	1	1
Prosbeta5	693.9171	-0.57655	0.113094	1	1
dgo	12.99657	-0.01192	0.350816	1	1
whd	156.6446	0.035009	0.170929	1	1
CG11777	104.1618	-0.11548	0.200761	1	1
Prx2540-1	90.75849	0.204528	0.216828	1	1
CG42733	2026.476	-0.25045	0.094875	1	1
RNaseZ	60.89734	-0.24928	0.244774	1	1
Syb	1398.539	0.014922	0.081879	1	1
mlt	2857.064	-0.33455	0.090756	1	1
gem	0.53162	0.078709	0.609931	0.662184	1
Pfk	4197.149	-0.07274	0.10843	1	1
Jra	813.9139	-0.07019	0.094427	1	1
CG2269	3.155181	-0.05532	0.455718	1	1
magu	88.13114	-0.10772	0.200853	1	1
CG1407	404.3243	0.291679	0.127082	1	1
CG12134	71.29938	-0.56471	0.269786	1	1
Pka-R2	1572.031	0.251828	0.094228	1	1
CG1441	7.313502	-0.10483	0.411185	1	1
tea	746.1776	0.543374	0.107689	1	1
CG30008	75.02149	0.327571	0.235553	1	1
CG12744	125.1977	-0.17858	0.187435	1	1
CG46338	304.4146	0.090637	0.130434	1	1
CG30010	14.90167	-0.09639	0.361334	1	1
PCB	1924.775	-0.20386	0.11498	1	1
hebe	191.2933	0.208866	0.168096	1	1
CG30001	40.0313	-0.00312	0.272783	1	1
trpl	19.58868	-0.05689	0.313859	1	1

sqa	40.02235	-0.00918	0.260922	1	1
Prosalpha7	2365.805	-0.01093	0.088466	1	1
CG1902	1481.251	0.446599	0.090814	1	1
GstT2	60.77795	0.241375	0.232116	1	1
CG30339	2.723409	0.056605	0.468844	1	1
CG30340	1.008708	0.104144	0.609116	0.580901	1
CG30338	94.28591	0.494631	0.229348	1	1
RpL31	1847.093	-0.48252	0.101639	1	1
Smyd4-1	328.0446	0.16171	0.139304	1	1
CG1814	73.43114	0.059646	0.216954	1	1
Not1	2978.963	0.528318	0.115129	1	1
ced-6	513.7501	-0.10829	0.128165	1	1
wun	81.844	-0.16005	0.209751	1	1
CG1968	190.6884	-0.31222	0.171723	1	1
CG30343	2.907766	-0.16568	0.503319	0.804506	1
hig	37.12903	0.08374	0.297301	1	1
VhaAC45	797.0669	-0.12248	0.107216	1	1
CG8026	0.318624	0.036573	0.611462	0.884128	1
Rab32	409.115	1.088781	0.14014	0.310949	1
CG8046	20.86751	0.029296	0.322935	1	1
CG30345	101.1171	-0.37473	0.230604	1	1
CG30344	128.9636	-0.16411	0.177744	1	1
Hydr1	2375.215	0.11973	0.077861	1	1
Su(var)2-10	950.4415	-0.16476	0.10217	1	1
Phax	126.9995	-0.17788	0.180657	1	1
CG8229	75.51783	0.314119	0.24464	1	1
Pgi	4124.835	-0.27815	0.078892	1	1
Ggamma1	986.1998	-0.22326	0.092726	1	1
Sec31	505.4207	-0.10713	0.138406	1	1
CG30350	2480.269	-0.01543	0.082775	1	1
CG8740	175.364	-0.2035	0.170136	1	1
stmA	450.6297	-0.02998	0.121199	1	1
CG30356	1054.829	-0.2336	0.098613	1	1
gcl	51.4903	-0.35024	0.265009	1	1
CG30357	362.5253	1.210871	0.168149	0.093084	1
CG14767	661.5145	-0.23522	0.103681	1	1
Jon44E	3.923146	0.551614	0.949145	0.088789	1
CG30355	2212.704	-0.19207	0.088943	1	1
UQCR-11L	621.6003	0.620407	0.122349	1	1
rgr	164.4431	0.640754	0.203959	1	1
CG30376	10658.51	-0.13691	0.073345	1	1
CG30369	915.1606	-0.25663	0.112948	1	1
CG2127	23142.21	-0.09225	0.085688	1	1
pnut	270.898	-0.61975	0.160877	1	1
CG30373	167.3873	-0.23484	0.186928	1	1
CG8708	3.251047	-0.20104	0.522226	0.673369	1
kermi	3442.032	-0.12714	0.082318	1	1
CG30375	22.62794	1.005618	0.607231	0.154161	1
Pabp2	607.8563	0.11259	0.105782	1	1
CG8712	1969.08	0.193229	0.081546	1	1

CG12769	18.10691	0.200935	0.359694	1	1
Optix	483.5708	-0.26807	0.118777	1	1
Nup44A	322.8641	-0.11616	0.129541	1	1
ACC	772.5356	-0.1699	0.127854	1	1
CG8726	189.4113	-0.26948	0.160084	1	1
nito	148.5662	0.05328	0.18569	1	1
Sep5	41.87693	-0.39641	0.298622	1	1
CG2915	453.956	-0.31325	0.123238	1	1
CG2906	111.2473	0.43552	0.216279	1	1
CG30378	3622.45	0.386868	0.072507	1	1
CG30379	1.185537	0.060474	0.543021	0.954488	1
CG30380	3.499921	0.085478	0.451137	1	1
Cul1	1607.153	-0.21947	0.104382	1	1
CG18853	6.234171	0.360391	0.511496	0.588831	1
phr	211.0766	-0.72578	0.167888	1	1
CG30383	43.26928	-0.00272	0.272502	1	1
CG1882	1736.957	0.007272	0.088073	1	1
sax	305.3378	0.097035	0.152574	1	1
Nop17l	1560.744	0.390188	0.087901	1	1
CG46385	4937.356	0.308236	0.206194	1	1
Gdap2	404.5243	-0.15493	0.125607	1	1
CG30496	708.9768	0.071865	0.10372	1	1
Coq9	194.644	-0.35719	0.164611	1	1
LRR	544.4871	0.535294	0.124722	1	1
CG30495	34.76498	-0.02677	0.276817	1	1
CG1358	54.96405	0.192865	0.267686	1	1
scra	396.1147	-0.03842	0.13397	1	1
blow	214.6958	0.002731	0.161517	1	1
boca	104.4791	-0.31154	0.230164	1	1
Cyt-b5	771.8702	-0.07697	0.096424	1	1
Drat	299.052	-0.51606	0.166975	1	1
didum	5183.37	-0.02468	0.100156	1	1
wech	116.0483	-0.17598	0.211607	1	1
CG11141	1142.456	0.856284	0.10043	1	1
sPLA2	73.95412	0.159602	0.221224	1	1
Eaf	265.992	-0.31167	0.14877	1	1
pk	21.44815	-0.09079	0.315738	1	1
CG30385	155.186	0.300008	0.182339	1	1
CG30157	246.1931	0.188837	0.155254	1	1
esn	15.3652	0.099485	0.345874	1	1
CG3358	91.80474	-0.08981	0.226906	1	1
CG15236	21.80323	-0.01962	0.333796	1	1
Tsp42Ea	101.9817	-0.24329	0.200361	1	1
koi	572.7469	0.069172	0.106028	1	1
CG30156	2799.392	0.118079	0.09205	1	1
Epac	203.9117	0.670094	0.182452	1	1
l(2)01289	71.22991	0.453009	0.253095	1	1
CG9422	72.95752	-0.57048	0.252359	1	1
Tdc2	8.532537	0.191552	0.411411	1	1
PGAP3	150.7548	0.002902	0.17084	1	1

CG9410	978.6894	0.501478	0.100449	1	1
Opbp	64.17952	-0.46302	0.260464	1	1
Vha16-1	2552.605	-0.20863	0.088275	1	1
Pld	30.42103	-0.08323	0.31079	1	1
CG30432	408.6587	1.05309	0.150823	0.443417	1
EcR	20.53425	0.026769	0.326928	1	1
Ars2	443.4191	-0.57121	0.137995	1	1
CG14591	180.2348	-0.08932	0.164822	1	1
Pngl	443.1412	-0.2007	0.117757	1	1
mle	464.0335	-0.50222	0.119191	1	1
CG7882	2.409815	0.087175	0.473847	1	1
ZnT41F	117.7423	-0.30391	0.194152	1	1
ap	198.6838	0.914239	0.189204	0.925933	1
vlc	1967.782	0.248248	0.091042	1	1
scaf	219.8818	-0.16952	0.170199	1	1
Fis1	623.2172	-0.00891	0.120825	1	1
Ugt50B3	25.5206	-0.0081	0.505831	1	1
stw	43.12259	-0.11515	0.261999	1	1
CG10417	644.1402	-0.51158	0.110112	1	1
IFT20	1.027088	0.086922	0.551276	0.813822	1
CG10395	83.61137	-0.41404	0.222271	1	1
sxc	327.0382	-0.17315	0.174581	1	1
d4	1232.773	-0.02031	0.084509	1	1
gus	108.8626	-0.17303	0.205817	1	1
CG3107	1388	-0.32102	0.110206	1	1
Marf1	57.51533	0.954149	0.363542	0.410313	1
CG3262	761.4498	-0.31149	0.107586	1	1
CG42748	173.0881	0.211983	0.177565	1	1
CG1416	1149.128	0.059349	0.096535	1	1
CG15219	12560.77	-0.06891	0.074378	1	1
CG31703	317.9043	0.117158	0.142494	1	1
nolo	75.12198	0.779318	0.27426	0.990547	1
eEF2	9427.547	-0.34201	0.08042	1	1
CG31702	114.8592	0.440212	0.205979	1	1
CG31601	1944.278	0.28591	0.079779	1	1
CG31693	1426.468	-0.13594	0.093501	1	1
CG31600	200.9322	0.633791	0.170149	1	1
CG31612	4.810743	-0.12261	0.436317	1	1
Cul2	1810.488	0.197639	0.086204	1	1
Df31	422.9533	-0.4137	0.125034	1	1
CG2201	732.5632	0.199867	0.102381	1	1
nompB	12.91435	-0.04454	0.398061	1	1
nrv3	45.65321	-0.03575	0.28408	1	1
Gr39b	16.14814	-0.51138	0.485264	0.587382	1
dtr	1499.088	0.998805	0.097131	0.789328	1
crc	785.2253	-0.23284	0.121717	1	1
Gr39a	1.614562	0.07371	0.526448	0.959089	1
Mondo	252.0099	-0.19068	0.147958	1	1
CG8671	275.4074	0.006278	0.135609	1	1
Hr39	219.5462	-0.06393	0.149784	1	1

CG31626	3.929508	-0.03151	0.430135	1	1
CG31624	2254.607	-0.3032	0.075907	1	1
Ret	2.662796	0.103066	0.484647	1	1
CG31627	944.8574	0.155985	0.097765	1	1
CG9248	427.2785	0.082749	0.117937	1	1
Nhe2	87.09268	0.126842	0.216312	1	1
tadr	359.1765	0.082127	0.126796	1	1
CG31675	12.66471	0.102337	0.369657	1	1
CG31673	145.5376	-0.47802	0.179076	1	1
CG9328	130.9579	0.282663	0.191313	1	1
dia	218.8351	0.382086	0.16652	1	1
CarT	13.79458	0.298053	0.401584	1	1
Cen	99.94118	-0.20627	0.207925	1	1
IKKepsilon	285.4793	-0.17146	0.137116	1	1
CG31678	1033.273	0.67001	0.112836	1	1
phr6-4	158.229	1.125154	0.212882	0.252906	1
CG31680	11.89532	0.014277	0.556996	1	1
CG10947	1152.44	-0.25413	0.094284	1	1
RtGEF	195.2229	-0.01336	0.149261	1	1
spir	3323.908	0.254874	0.09559	1	1
mRpS18B	226.1378	-0.53879	0.155951	1	1
nesd	717.1298	0.403681	0.104554	1	1
pr	182.0518	-0.28021	0.162533	1	1
lok	97.86836	0.178827	0.197513	1	1
barr	785.027	0.840098	0.112737	1	1
sNPF	1.67803	-0.0053	0.525479	1	1
fbp	52.15585	-0.71336	0.366726	0.764111	1
Lar	3.360446	-0.06525	0.4479	1	1
CG31697	1273.335	0.151686	0.098835	1	1
CG10165	82.49769	0.143782	0.212632	1	1
CG10237	35.44654	-1.3604	0.424076	0.06806	1
Hasp	181.4169	0.172163	0.165614	1	1
Pax	333.4132	-0.14788	0.127424	1	1
CG10188	47.10622	0.061085	0.258602	1	1
swm	423.6559	-0.00972	0.11365	1	1
CG31798	1820.413	0.543971	0.084713	1	1
CG10026	113.5402	-0.01659	0.192109	1	1
CG17544	312.9533	-0.03066	0.12908	1	1
CG17549	1048.54	-0.27925	0.104222	1	1
fon	252.7918	-0.29961	0.142804	1	1
CG31797	978.1588	0.49934	0.115076	1	1
l(2)37Cc	1739.777	0.034744	0.087806	1	1
Ddc	97.48944	0.659532	0.248578	1	1
amd	12.16749	0.43954	0.473183	0.674973	1
Lim3	182.6373	0.538162	0.175826	1	1
CG10702	21.03106	0.0794	0.337531	1	1
Acn	281.8557	-0.66713	0.15531	1	1
CG31800	323.3885	0.038002	0.133691	1	1
RpL30	1389.04	-0.40369	0.124214	1	1
CG31792	4.32338	0.17343	0.503508	0.790223	1

CG10602	1133.374	-0.21159	0.089225	1	1
CG31752	282.968	1.104787	0.177757	0.288113	1
Ugt36E1	5.07769	-0.55109	0.716045	0.188445	1
ham	192.7736	0.136273	0.18974	1	1
CG10336	72.7578	0.382235	0.250527	1	1
Mst36Fa	1366.075	0.588753	0.103753	1	1
CG43338	51.4672	0.474868	0.297037	1	1
CG31789	0.65011	0.091077	0.623696	0.581077	1
CG10283	42.43428	0.001002	0.254108	1	1
RpS26	3023.899	-0.28517	0.101494	1	1
Fas3	407.3767	-0.49234	0.130202	1	1
CG31787	1725.99	0.477529	0.079922	1	1
CG31788	5356.129	0.107118	0.088642	1	1
CG42750	11.62848	0.20787	0.397171	1	1
CG17681	9.474575	0.009265	0.371345	1	1
Socs36E	132.4878	0.120021	0.191467	1	1
kel	336.2644	0.142885	0.139965	1	1
CG31785	15.9127	0.937822	0.641367	0.157978	1
CG5758	100.9629	0.13077	0.20451	1	1
CG31741	0.169892	0.02982	0.611184	0.934191	1
ninaD	8.523911	0.7069	0.699071	0.177177	1
CG31740	22714.13	-0.37123	0.063942	1	1
CG5674	243.8745	-0.07468	0.158729	1	1
CadN	164.1885	0.948724	0.207412	0.736746	1
qua	3114.577	0.168304	0.078444	1	1
fws	329.2939	-0.03402	0.135405	1	1
BicD	378.0559	-0.15509	0.141122	1	1
dl	116.3951	-0.04154	0.193692	1	1
Dif	76.03212	0.136801	0.225623	1	1
CG31803	1378.8	0.545532	0.100585	1	1
Lrch	518.6503	-0.05498	0.109284	1	1
CG31804	1215.963	0.149847	0.104093	1	1
beat-IIIc	141.7893	0.289977	0.204894	1	1
CG31810	0.775096	-0.00913	0.545505	1	1
CG31750	0.275948	0.042618	0.616394	0.829472	1
Gr36c	0.360894	0.05287	0.622219	0.749864	1
CG13284	11.38028	-0.10917	0.389424	1	1
AspRS-m	717.4361	0.027643	0.103899	1	1
Gr36b	0.475529	-0.0052	0.593302	1	1
Gr36a	2.315846	-0.17159	0.527616	0.694334	1
CG31784	2218.124	0.496381	0.091277	1	1
Ugt37D1	29.30683	-0.15193	0.309453	1	1
CG31806	2121.619	-0.14959	0.101763	1	1
CG32832	2111.375	-0.26236	0.08749	1	1
CG31812	12.56513	0.097759	0.348265	1	1
glu	162.4259	-0.28815	0.190368	1	1
VhaSFD	1983.772	-0.02085	0.076863	1	1
grp	356.6278	0.265965	0.12875	1	1
CG31807	289.655	0.235419	0.165248	1	1
Trpgamma	27.01306	0.420095	0.363689	1	1

mtgo	304.9633	-0.11382	0.154194	1	1
CG31815	614.3706	-0.13461	0.116103	1	1
CG31816	1509.558	-0.27166	0.085919	1	1
CG5953	37.70777	-0.01784	0.272674	1	1
Tpr2	3274.212	0.080741	0.07426	1	1
dac	110.2262	0.090287	0.193965	1	1
ldgf3	3541.156	-0.50048	0.09227	1	1
chif	131.1337	-0.11632	0.181886	1	1
CG31817	1849.728	0.033944	0.094317	1	1
cni	461.789	-0.06179	0.135184	1	1
PRL-1	40.48504	-0.01835	0.268651	1	1
Ca-Ma2d	48.36528	0.202807	0.255908	1	1
CG31819	2153.268	0.521274	0.085733	1	1
Ca-alpha1D	366.5706	0.065636	0.135721	1	1
BicC	19.64241	0.266139	0.367326	1	1
CG31820	10424.09	-0.41614	0.070169	1	1
CG18063	1274.207	1.136856	0.112616	0.129986	1
CG12448	2229.435	0.54909	0.091976	1	1
CG4793	6.718291	0.391519	0.52397	0.534271	1
CG31823	3.397248	0.302866	0.598332	0.385946	1
CG31735	1814.049	0.541475	0.09058	1	1
CG18109	2200.907	0.892693	0.123844	1	1
CG31826	530.0366	0.321847	0.109731	1	1
Gli	84.78607	-0.0481	0.220054	1	1
ND-B17	641.5619	-0.25599	0.12191	1	1
CycE	260.87	0.823511	0.165536	1	1
Or35a	1.530596	0.301698	0.776156	0.180961	1
ms(2)35Ci	1218.03	0.038987	0.08652	1	1
Cul3	7577.599	-0.1078	0.096445	1	1
ck	109.94	-0.20701	0.200032	1	1
CG31832	11.79656	0.233894	0.389551	1	1
ZnT33D	837.2145	0.229304	0.107037	1	1
CG31861	1080.184	0.596797	0.10797	1	1
DCTN5-p25	163.6965	-0.03421	0.162006	1	1
CG31760	150.5056	0.496277	0.178506	1	1
ZnT35C	857.5946	0.503702	0.101341	1	1
ThrRS	937.1922	-0.57719	0.092523	1	1
mol	92.84273	0.194813	0.206229	1	1
CG15279	20.36405	-0.37659	0.408189	1	1
Patsas	8.957485	0.241318	0.443047	0.98795	1
vig	1835.437	-0.35019	0.099735	1	1
Pex19	557.6648	-0.13255	0.115916	1	1
Rab3-GAP	9168.977	0.027545	0.06391	1	1
osp	125.7771	0.13356	0.181963	1	1
prd	190.1419	-0.33619	0.195892	1	1
Jhl-21	156.95	0.019254	0.165172	1	1
CG14945	39.53293	-0.13545	0.269619	1	1
wb	138.7778	0.250453	0.181902	1	1
Tom70	4295.547	0.011617	0.074108	1	1
Ada1-1	0.675597	0.072698	0.568524	0.811658	1

Qtzl	19.99677	0.052095	0.319349	1	1
CG31769	18.00417	-1.13606	0.628987	0.105885	1
CG18789	64.10196	0.34245	0.253356	1	1
Ada1-2	15.44433	0.091748	0.337755	1	1
escl	19.76727	-0.15536	0.340413	1	1
CG6686	626.0472	-0.08686	0.106899	1	1
NimB2	124.4586	0.027154	0.194562	1	1
Mal-B2	74.37855	-0.27259	0.246496	1	1
CG31704	1.050111	-0.16929	0.633374	0.40966	1
crol	281.9244	-0.0514	0.146071	1	1
Ance	532.5944	0.549275	0.127674	1	1
Smg5	933.1354	0.381198	0.115278	1	1
CG31706	13.59995	0.011332	0.33425	1	1
CenG1A	173.0307	0.110423	0.16894	1	1
Dlg5	116.2232	-0.01378	0.186015	1	1
salm	143.6416	0.007298	0.181972	1	1
salr	588.1036	-0.2582	0.122424	1	1
mRpS23	209.2689	-0.44426	0.162368	1	1
Arpc1	1187.359	-0.18827	0.094057	1	1
CG31867	740.7348	-0.00061	0.097651	1	1
CG16890	142.6806	-0.21701	0.191404	1	1
Ge-1	95.389	0.039568	0.200357	1	1
CG9008	1032.386	0.344127	0.094026	1	1
RpL9	2792.395	-0.47835	0.107826	1	1
TTLL4A	5463.829	0.136325	0.082686	1	1
DIP-kappa	32.80668	0.469227	0.335598	1	1
CG18507	184.1754	-0.44571	0.189762	1	1
CG31870	3893.031	-0.03393	0.095189	1	1
kuz	134.7927	0.035005	0.188341	1	1
B4	276.0229	-0.38612	0.160351	1	1
CG31869	123.721	-0.48496	0.190786	1	1
Hsp60D	3866.931	-0.01254	0.082551	1	1
Ubc2	2220.301	0.029751	0.084077	1	1
Ing5	464.4727	0.280755	0.117564	1	1
CG17124	323.2129	-0.14676	0.136461	1	1
loqs	1633.603	0.395096	0.090903	1	1
CG17118	1522.111	0.545789	0.097612	1	1
CG31855	326.1058	0.032496	0.125182	1	1
Tap42	333.803	-0.1909	0.133431	1	1
CG31871	3.354859	-0.0152	0.451645	1	1
CG31729	960.4743	0.007705	0.124891	1	1
CG44085	228.8173	0.057183	0.160169	1	1
CG31848	288.0216	0.006297	0.152842	1	1
CG6138	1621.142	-0.14468	0.086138	1	1
Trim9	34.15444	0.463762	0.355574	1	1
Fatp1	113.4395	-0.08319	0.18721	1	1
CG31730	802.0631	-0.27399	0.105911	1	1
Myo31DF	284.4794	-0.04173	0.151898	1	1
Naa20B	382.5591	0.884125	0.146038	1	1
RluA-1	52.76731	-0.00036	0.238456	1	1

I(2)k05911	26.1838	-0.31228	0.331332	1	1
Pect	4769.739	0.865174	0.092951	1	1
LManII	533.482	0.385239	0.167146	1	1
KdelR	872.4124	-0.25004	0.105645	1	1
CG31849	52.02936	-0.25149	0.255969	1	1
Ir31a	4.176983	0.150386	0.455102	1	1
Sfmbt	186.1196	-0.3346	0.166303	1	1
DnaJ-H	5528.796	-0.08757	0.072674	1	1
Cnot4	1475.408	0.471071	0.126821	1	1
Vha68-2	1019.185	-0.13278	0.118901	1	1
Pih1D1	998.6426	-0.12486	0.102252	1	1
PICK1	522.3389	-0.08185	0.110241	1	1
CG5096	4.915459	-0.17144	0.460859	1	1
CG31715	534.5244	-0.18226	0.145595	1	1
pdm2	0.693548	-0.10004	0.628656	0.542082	1
CG4995	2453.072	0.186154	0.084806	1	1
t-cup	1488.231	-0.10533	0.088368	1	1
bun	1232.465	0.070137	0.122239	1	1
CG13138	6.205448	-0.05375	0.413502	1	1
CYLD	2900.469	0.268384	0.086791	1	1
chico	143.5262	-0.43106	0.18485	1	1
Utx	474.484	-0.08662	0.122592	1	1
me31B	1781.842	-0.30657	0.085396	1	1
mthl15	13.04622	0.069424	0.374161	1	1
CG31862	1.920906	0.185728	0.573249	0.526661	1
Mulk	382.7271	-0.1451	0.123938	1	1
bru1	8663.061	-0.11148	0.095465	1	1
REPTOR-BP	111.8347	-0.22092	0.189612	1	1
eEF1delta	1888.952	-0.61301	0.100881	1	1
CG5694	111.757	-0.46123	0.205146	1	1
CG5708	783.6179	0.079822	0.109978	1	1
CG31717	300.9193	0.27185	0.147134	1	1
CG4908	45.95636	-0.13713	0.269252	1	1
Fum4	2324.42	0.138079	0.083154	1	1
CG31759	219.7076	0.268074	0.16091	1	1
bsk	395.9419	0.165719	0.122816	1	1
CG4839	94.93672	-0.14075	0.222228	1	1
CG13135	3.53478	-0.07275	0.474255	1	1
Trp1	792.9026	-0.10878	0.101094	1	1
CG31875	158.2469	0.89158	0.220655	0.88646	1
CG42366	1.60261	0.048891	0.513613	1	1
Taf11	87.81749	-0.21163	0.21233	1	1
Nckx30C	36.02702	-0.20126	0.292824	1	1
CG31710	23.32294	0.025405	0.302891	1	1
CG31882	1439.909	0.18974	0.098443	1	1
GlcAT-S	1032.406	0.075596	0.087827	1	1
Trx-2	473.4222	-0.26492	0.137619	1	1
CG31709	7244.963	0.335004	0.076534	1	1
Mtpalpha	532.4957	-0.35475	0.114169	1	1
brwl	142.4613	0.2347	0.17966	1	1

jp	117.4712	0.278219	0.210743	1	1
numb	667.0293	0.263752	0.119928	1	1
Eaat1	18.98889	-0.14052	0.337971	1	1
borr	272.7419	-0.04562	0.14401	1	1
DIP-zeta	139.9311	0.382486	0.251621	1	1
alien	622.9131	-0.37876	0.112036	1	1
rost	90.38559	0.143641	0.212409	1	1
CG13101	85.69696	-0.28432	0.212696	1	1
C1GalTA	58.98249	-0.25954	0.245978	1	1
Tsp29Fb	407.4206	0.071539	0.126577	1	1
raw	189.5365	0.107258	0.157345	1	1
Hnf4	97.01488	-0.09782	0.226302	1	1
Sema1a	46.26458	0.213956	0.269607	1	1
CG17834	97.72662	0.060512	0.198665	1	1
Dh31	5.432908	0.221164	0.504585	0.719503	1
Agpat2	1309.728	0.79895	0.104416	1	1
CG31897	236.7473	-0.29509	0.153031	1	1
CG31898	18.63464	0.145239	0.323137	1	1
CG17292	104.0124	0.13243	0.200681	1	1
CSN8	192.495	-0.57943	0.184656	1	1
Su(var)205	1036.102	-0.38929	0.10146	1	1
Mur29B	0.936888	-0.09142	0.580795	0.700555	1
PGAP5	322.3756	0.172804	0.136798	1	1
CG14275	6.242152	-0.05009	0.406425	1	1
CG8475	301.1302	-0.07901	0.144256	1	1
mtsh	565.5981	0.299869	0.116155	1	1
Btk29A	181.3284	0.098725	0.164229	1	1
CG43394	36.07844	-0.12243	0.279395	1	1
Bsg	448.0826	-0.32989	0.138942	1	1
CG8372	248.9301	0.147395	0.140113	1	1
Cka	1190.667	0.051199	0.118356	1	1
Tg	47.45896	0.206823	0.268804	1	1
pes	34.46937	-0.26317	0.292567	1	1
CG7115	863.3257	0.452191	0.09658	1	1
LanB1	325.5248	-0.10374	0.167849	1	1
Herp	1108.71	0.207692	0.100463	1	1
CG31904	0.355348	0.015142	0.598236	1	1
CG13796	35.58701	-0.00811	0.276578	1	1
Ntl	1737.28	0.62669	0.085106	1	1
Tep2	632.6963	-0.29219	0.1231	1	1
Myo28B1	35.75623	-0.28609	0.282726	1	1
Slob	40.60125	0.027827	0.257885	1	1
CG6441	4347.717	0.314198	0.077113	1	1
santa-maria	123.0912	0.656775	0.231327	1	1
CG5973	43.55579	0.61148	0.337743	1	1
muc	3358.266	-0.07725	0.088537	1	1
ninaC	5.412556	0.027405	0.420095	1	1
CG31909	1534.886	0.963438	0.13325	0.91175	1
Ndae1	549.2829	0.434249	0.146089	1	1
CG13784	443.7207	-0.00866	0.122105	1	1

CG4502	1522.1	0.124137	0.086152	1	1
CG31907	3151.582	1.164845	0.094489	0.046441	1
Mnn1	126.5772	-0.03106	0.18054	1	1
milt	1718.498	0.721861	0.12304	1	1
Caper	241.0544	-0.25532	0.145361	1	1
Rab30	559.3765	0.160736	0.111197	1	1
CG31908	799.965	-0.21958	0.10366	1	1
sip2	5589.381	0.366597	0.083745	1	1
Hrb27C	1836.422	0.071618	0.085852	1	1
CG32829	3.420453	-0.15402	0.469661	0.990101	1
x16	208.8943	-0.50145	0.175128	1	1
Nha1	36.4948	0.315679	0.29412	1	1
sens-2	10.4505	0.015862	0.367576	1	1
CG17377	17336.41	-0.20944	0.070568	1	1
CG17376	16958.44	-0.36057	0.079404	1	1
nrv2	3575.84	0.40802	0.07894	1	1
CG17378	1546.384	0.761562	0.097202	1	1
LUBEL	26.45296	-0.14042	0.309324	1	1
CG31636	17.91892	-0.06552	0.318913	1	1
CG31910	1572.456	0.399522	0.091202	1	1
CG31633	328.0936	0.18099	0.132744	1	1
Tango1	1085.186	0.159318	0.118131	1	1
Liprin-alpha	473.9631	-0.15067	0.130214	1	1
homer	837.4622	-0.04009	0.100519	1	1
CG31635	855.0588	0.227636	0.116992	1	1
CG11050	116.0085	-0.0254	0.196519	1	1
Tsp	535.9455	0.697705	0.121844	1	1
eya	317.473	-0.18291	0.131517	1	1
CG31638	133.9076	-0.27923	0.198552	1	1
Nhe3	285.0872	-0.10358	0.145568	1	1
mmy	512.2985	-0.03957	0.111195	1	1
Cpr	562.5692	-0.06183	0.121376	1	1
smal	19.04817	-0.00831	0.325595	1	1
CG31639	8048.513	-0.29991	0.078656	1	1
CG31642	1058.025	-0.42578	0.099783	1	1
stai	1439.748	1.033854	0.103872	0.536154	1
CG9175	307.9363	0.37894	0.134057	1	1
CG9147	1029.956	-0.0844	0.091442	1	1
CG9135	126.913	-0.28006	0.192807	1	1
CG12393	273.3313	-0.26845	0.143738	1	1
slmo	17.46507	-0.13629	0.33055	1	1
Pfas	237.4273	-0.22697	0.16123	1	1
CG31643	85.88367	-0.09287	0.233964	1	1
CG9107	248.3021	0.148509	0.156173	1	1
CG9098	17.89462	0.206896	0.342224	1	1
lid	262.9113	-0.04729	0.161726	1	1
eIF4A	5924.945	-0.17738	0.073103	1	1
CG9016	12035.77	-0.30377	0.084897	1	1
CG31644	1473.176	0.363845	0.084298	1	1
CG31913	2346.711	-0.20926	0.082329	1	1

CG9171	79.49049	0.246276	0.242966	1	1
obst-E	6.540038	0.097867	0.422743	1	1
CG11147	13.41362	-0.09115	0.37513	1	1
CG11149	19.63812	0.804096	0.547604	0.289485	1
Hsp60C	20210.08	0.311515	0.080661	1	1
DIP-theta	19.4645	0.020156	0.333699	1	1
CG14011	1500.214	0.366463	0.096388	1	1
Oscillin	485.2876	0.023573	0.110744	1	1
Hel25E	648.8911	-0.60817	0.11072	1	1
CG31915	90.06305	-0.13689	0.215899	1	1
CG31648	83.71102	-0.3021	0.214742	1	1
fusl	18.89872	-0.18535	0.365728	1	1
vri	162.6338	0.375414	0.201955	1	1
Bsg25D	90.61341	-0.24453	0.214302	1	1
RpL37A	1376.857	-0.48374	0.127944	1	1
qtc	1304.554	0.494761	0.106467	1	1
His3,3A	1204.929	-0.01091	0.098184	1	1
CG31650	824.7261	-0.02181	0.098973	1	1
Col4a1	326.9129	-0.24116	0.146623	1	1
mxt	827.4839	0.250527	0.097968	1	1
CG8892	582.5976	-0.17637	0.112184	1	1
tank	166.6937	0.025027	0.169113	1	1
l(2)05714	202.9887	-0.36868	0.171489	1	1
CG3355	9.132241	-0.39161	0.496218	0.623341	1
snsI	6.652382	-0.05155	0.397318	1	1
smog	20.29026	0.384117	0.389607	1	1
l(2)k05819	322.8335	0.18168	0.144013	1	1
CG17612	163.1467	0.096713	0.164893	1	1
Atet	145.156	-0.23035	0.180142	1	1
Naprt	68.96664	-0.07692	0.227476	1	1
TBCC	142.8395	-0.33509	0.18285	1	1
fred	5.410712	-0.10187	0.423072	1	1
CG31773	4163.261	0.103199	0.081356	1	1
capu	4889.501	0.00124	0.097093	1	1
CG31957	247.0769	-0.04416	0.141222	1	1
TTLL4B	7282.595	-0.0767	0.097214	1	1
Reph	228.8416	-0.17642	0.149247	1	1
bowl	58.1448	-0.07116	0.247639	1	1
Shaw	127.877	0.953866	0.252666	0.609273	1
CG2818	259.6385	-0.08593	0.148394	1	1
CG31955	46.22111	0.22349	0.27513	1	1
CG31777	26.93265	-0.07355	0.300946	1	1
CG31778	13.69316	-0.25063	0.379697	1	1
odd	15.81094	1.129267	0.687374	0.092361	1
drm	28.13642	-0.19846	0.30193	1	1
CG8851	3435.123	0.122581	0.097511	1	1
CG31954	0.486848	-0.05683	0.613306	0.753307	1
Pgant4	6.20307	0.051565	0.570738	0.907482	1
CG31776	289.2567	0.674536	0.173593	1	1
ND-PDSW	671.0282	0.003421	0.114894	1	1

msl-2	111.4575	-0.23217	0.195969	1	1
CG9664	441.2686	0.132959	0.128771	1	1
OtopLb	11.55723	0.236954	0.401658	1	1
CG31698	0.275948	0.042618	0.616394	0.829472	1
CG3347	319.5556	-0.25831	0.155148	1	1
toc	5375.805	0.326497	0.102875	1	1
CG17221	124.2362	-0.0622	0.176589	1	1
GABPI	240.5914	-0.09331	0.157129	1	1
CG3558	462.7527	0.406871	0.142242	1	1
CG17224	301.207	-0.04472	0.130541	1	1
CG9641	1803.185	-0.3747	0.100322	1	1
NTPase	191.7861	-0.41281	0.170741	1	1
Sbat	446.1592	0.47463	0.141808	1	1
CG31694	2095.782	0.439181	0.079805	1	1
CG2991	127.3166	-0.05526	0.179306	1	1
RpS21	1476.055	-0.38729	0.097296	1	1
Bacc	363.909	-0.19749	0.142985	1	1
Hrs	414.024	0.060073	0.126837	1	1
CG31689	205.3049	-0.00542	0.164841	1	1
CG3104	12.73489	0.103417	0.349555	1	1
CG3119	6.56964	0.282827	0.476121	0.77999	1
daw	26.23003	-0.47383	0.372441	1	1
Prosbeta4R2	1498.403	0.332202	0.087968	1	1
CG2862	1051.039	-0.03683	0.100661	1	1
dpp	71.41009	-0.18828	0.251548	1	1
CG31948	8888.484	0.866955	0.0848	1	1
Atxn7	310.2819	0.316787	0.162041	1	1
Axud1	134.5481	0.029359	0.185597	1	1
Rab5	739.8046	0.038201	0.103282	1	1
CG31949	1611.785	1.000318	0.107717	0.755389	1
CG31681	1.078958	0.05269	0.546747	0.979715	1
CG17242	3.317378	-0.05565	0.5817	0.851933	1
CG4270	1431.269	-0.21307	0.095339	1	1
CG17234	0.710695	0.027511	0.562849	1	1
Tengl1	1514.514	0.372688	0.088977	1	1
Tengl2	73.28491	0.313661	0.251297	1	1
papi	1375.607	0.003891	0.101678	1	1
CG10874	71.8987	-0.43883	0.233557	1	1
aop	93.4912	-0.07538	0.228047	1	1
AIF	3016.669	0.294954	0.090228	1	1
tho2	480.7832	-0.1259	0.124422	1	1
Kebab	374.7167	0.294174	0.13096	1	1
Su(dx)	264.9052	-0.30872	0.163974	1	1
Got2	2270.15	-0.05481	0.08614	1	1
CG31663	307.498	0.513632	0.165141	1	1
CG31933	585.0954	0.385672	0.106767	1	1
Gr22c	12.86652	0.335568	0.431841	0.938977	1
Gr22f	76.70726	1.390651	0.369897	0.055863	1
CG17646	238.3657	-0.21707	0.16154	1	1
Rrp40	68.90066	-0.19418	0.224045	1	1

Eno	4217.118	-0.04158	0.075762	1	1
chinmo	1099.963	-0.20697	0.111647	1	1
RFeSP	1497.039	-0.12406	0.090131	1	1
CG18131	1858.837	0.128692	0.094856	1	1
CG31661	0.360894	0.05287	0.622219	0.749864	1
CG31926	0.291989	-0.00449	0.605571	1	1
CG31928	1.616854	0.257509	0.684884	0.27329	1
CG14346	598.1412	-0.03358	0.10294	1	1
CG31659	18.52742	0.00987	0.452878	1	1
CG31924	781.9627	0.094871	0.109708	1	1
Cdlc2	2993.309	0.021355	0.074728	1	1
CG4896	554.5917	0.40654	0.113757	1	1
CG31922	10.26472	-0.03951	0.368839	1	1
CG5080	237.6613	0.454086	0.18279	1	1
Pino	942.8931	0.35163	0.103355	1	1
aru	414.8703	0.114029	0.134738	1	1
CG4629	10.84071	0.142057	0.37657	1	1
S	425.7504	0.135899	0.127041	1	1
CG4375	2774.484	0.247249	0.094736	1	1
drongo	770.9836	-0.08063	0.11079	1	1
IA-2	368.7225	0.084933	0.255815	1	1
dock	752.2659	0.825095	0.108954	1	1
Nnf1b	64.97586	-0.17064	0.231458	1	1
GABA-B-R3	247.3786	-0.12644	0.169503	1	1
lwr	655.4003	-0.21549	0.108249	1	1
cbt	81.33519	-0.24837	0.250138	1	1
al	1.019584	-0.0015	0.541099	1	1
Ent1	27.77878	-0.18239	0.297128	1	1
CG31921	5382.832	0.083807	0.078681	1	1
CG3625	124.8552	-0.10173	0.181961	1	1
CG3645	162.0438	-0.03384	0.172279	1	1
kis	792.6364	0.065779	0.104076	1	1
spen	402.9815	0.011539	0.134148	1	1
ND-15	903.5556	0.121244	0.114734	1	1
CG31974	28.8454	0.031708	0.288363	1	1
CG4822	64.75891	0.235406	0.238237	1	1
Cda5	68.01057	-0.51011	0.26221	1	1
l(2)gl	357.2768	0.448251	0.137122	1	1
Sfxn1-3	2264.466	0.042296	0.081029	1	1
CG1090	9.104568	0.110385	0.381212	1	1
Skp2	73.95144	-0.24347	0.220888	1	1
CG9776	1290.336	0.055139	0.086683	1	1
cpx	52.01206	-0.07923	0.248438	1	1
CG1092	134.2676	0.253875	0.191266	1	1
Or82a	0.280869	-0.00449	0.605571	1	1
CG14642	212.6774	0.26568	0.154232	1	1
aux	520.5376	0.125076	0.118529	1	1
CG31516	636.6664	0.180222	0.111755	1	1
beta-Man	232.9622	-0.11018	0.165882	1	1
CG12581	16.68147	-0.3602	0.412838	1	1

MED8	201.6863	-0.24142	0.162653	1	1
tapas	634.4028	-0.20336	0.10655	1	1
CG30148	2.466412	-0.14345	0.500875	0.859626	1
CG30154	8.62689	-0.05832	0.376301	1	1
CG18659	1799.157	0.055531	0.103023	1	1
lov	26.73963	0.170062	0.322618	1	1
CG18367	1.010163	0.181728	0.645594	0.374877	1
CG18107	3.845863	-0.44598	0.681449	0.23313	1
mthl3	64.95824	-0.43474	0.258428	1	1
AIMP3	160.8198	-0.50411	0.183451	1	1
CG15107	170.4905	-0.10868	0.164968	1	1
CG4098	52.60274	-0.89425	0.341644	0.539271	1
eIF6	681.1574	-0.15006	0.104731	1	1
CG18823	69.41489	-0.74259	0.279666	1	1
He	1.011057	-0.07404	0.56031	0.833169	1
PIG-Q	45.44144	-0.29433	0.279429	1	1
HBS1	1050.189	0.228813	0.093432	1	1
Mccc2	57.45858	0.291096	0.256798	1	1
CG18508	698.6354	0.110823	0.112442	1	1
CG18530	0.7068	-0.05739	0.581473	0.843472	1
GstD10	52.23707	0.109224	0.267904	1	1
CG18764	17.40246	-0.06749	0.327938	1	1
Nplp3	6.021552	-0.0987	0.427501	1	1
CG16741	1065.16	-0.03691	0.091637	1	1
CG18870	152.1034	0.332278	0.179814	1	1
Ugt305A1	1821.805	0.394569	0.08084	1	1
CG18814	0.364551	0.029819	0.611184	0.934194	1
Capr	1223.412	-0.34281	0.095587	1	1
CG18810	1813.077	0.407836	0.091687	1	1
CG18808	585.4183	0.711919	0.125781	1	1
OS9	6.051926	0.115737	0.442537	1	1
CG18788	156.8406	0.261555	0.176453	1	1
CG18787	291.7579	0.101399	0.140103	1	1
Lcp65Ag3	0.601612	0.00287	0.570874	1	1
CG18754	19.93098	0.078207	0.317428	1	1
Cpr65Au	0.19466	-0.00449	0.605571	1	1
CG18747	34.76366	0.517472	0.351781	1	1
CG18746	0.146094	-0.0258	0.610211	0.967585	1
mRpL36	174.776	0.050126	0.171974	1	1
CG18745	5.944329	-0.21192	0.459818	0.940446	1
CG18744	5.704029	1.142625	1.330125	0.026517	1
CG18735	3.367537	-0.16165	0.476024	0.941951	1
lectin-21Ca	7.081808	-0.03672	0.41403	1	1
lectin-24Db	58.65586	0.277748	0.27266	1	1
CG3021	334.7421	-0.1477	0.134437	1	1
CG42296	7.376057	-0.23947	0.444808	0.981025	1
lectin-24A	0.798421	-0.1264	0.630674	0.477651	1
lectin-28C	104.4444	0.462077	0.277636	1	1
CG3706	1.047322	-0.05499	0.553848	0.943845	1
Ugt37C2	1.813962	0.056217	0.506005	1	1

Ugt37E1	0.280869	-0.00449	0.605571	1	1
Ugt302C1	224.951	-0.45761	0.152157	1	1
Ugt302E1	7.38512	0.061674	0.408822	1	1
Ugt35E2	0.169892	0.02982	0.611184	0.934191	1
Ugt302K1	4.133016	-0.01224	0.435539	1	1
Ugt304A1	0.955515	0.17005	0.680685	0.32905	1
meso18E	95.51232	0.616324	0.253927	1	1
HGTX	110.4661	0.730087	0.232642	1	1
SF2	723.561	-0.4621	0.117074	1	1
Spt5	312.2745	-0.59413	0.144409	1	1
pont	1755.342	0.216093	0.08217	1	1
RecQ4	37.10948	-0.0809	0.279884	1	1
c11,1	157.0811	-0.45461	0.193264	1	1
c12,1	179.3155	-0.07358	0.171755	1	1
c12,2	37.17616	-0.23264	0.298541	1	1
Best1	91.31588	-0.3033	0.21235	1	1
ACXE	134.6168	0.405925	0.184409	1	1
Alk	20.35952	-0.13017	0.322159	1	1
CG31676	74.44784	0.910237	0.283149	0.642614	1
CG12617	1610.153	0.303897	0.093678	1	1
CG5693	667.8921	-0.2061	0.117609	1	1
CG6115	758.055	-0.1774	0.102271	1	1
CG4440	3.893608	0.491373	0.755972	0.16816	1
CG15283	856.1459	0.429315	0.113618	1	1
CG16978	8.461402	-0.93475	0.799484	0.095701	1
RapGAP1	194.1313	0.052726	0.168292	1	1
CG14933	18.29124	-0.08069	0.325318	1	1
CG18666	117.4057	0.345895	0.206634	1	1
Sem1	540.592	-0.31725	0.117406	1	1
CG18661	88.0674	-0.07402	0.21562	1	1
Muc26B	1.533067	-0.01499	0.495621	1	1
CG18662	5807.438	0.041576	0.083348	1	1
CG13998	1.815373	0.046054	0.505083	1	1
Neb-cGP	430.2971	-0.43657	0.133678	1	1
CG12643	14.10387	-0.48482	0.480423	0.619857	1
CG9034	325.2907	-0.02126	0.133934	1	1
CG11368	1.414294	0.132109	0.557619	0.66194	1
CG15579	434.0741	-0.15475	0.129769	1	1
CG15578	341.5416	0.261928	0.131019	1	1
CG15577	1140.416	-0.30291	0.109328	1	1
CG17777	83.06409	0.353645	0.237665	1	1
CG17776	112.4296	0.037854	0.188485	1	1
CG3713	144.6764	-0.07706	0.169606	1	1
CG13364	372.7235	-0.55184	0.154435	1	1
ksh	98.28263	-0.01835	0.193874	1	1
CG34401	236.8041	0.269386	0.181253	1	1
CG12994	0.821673	-0.00097	0.55961	1	1
CG12479	392.0545	0.038721	0.126839	1	1
CG42339	17.75815	0.382084	0.407734	1	1
CG15210	91.40483	-0.73894	0.254825	1	1

CG8620	18.39469	0.365232	0.415117	0.992472	1
dpr12	8.077242	-0.08078	0.389346	1	1
CG15213	15.43207	1.146661	0.706232	0.084681	1
CG15212	1.780119	-0.02416	0.505384	1	1
CG13306	2.088116	-0.20558	0.604781	0.430497	1
CG13315	313.5206	-0.17422	0.147302	1	1
dpr6	6.925537	0.274391	0.470906	0.811538	1
CG12521	955.1826	-0.05467	0.096972	1	1
CG14113	752.1061	1.032374	0.121772	0.543644	1
CG8750	1115.865	0.127522	0.100164	1	1
Sytbeta	37.32688	-0.08249	0.260418	1	1
CG13053	36.10081	-0.07239	0.289443	1	1
CG7630	270.8599	-0.54973	0.167572	1	1
CG14104	13.36646	-0.18774	0.373473	1	1
karr	256.797	-0.11803	0.150222	1	1
CG17977	346.9224	0.718192	0.137378	1	1
CG13230	53.7233	0.417339	0.295208	1	1
CG18336	1215.942	0.144778	0.09586	1	1
CG17580	189.8789	0.236273	0.157614	1	1
CG17059	105.2359	-0.24181	0.20105	1	1
CG13018	100.3812	0.136132	0.215252	1	1
Fs	14.28284	-0.03419	0.348237	1	1
CG12853	6040.938	-0.36754	0.100239	1	1
IM3	23.87053	-1.14788	0.559615	0.122869	1
CG16836	9.345248	-0.75766	0.650667	0.202746	1
CG15065	2.189543	-0.20538	0.622313	0.395819	1
CG15357	240.8121	0.880123	0.173075	1	1
CG14545	21.57516	-0.08094	0.316088	1	1
Nplp4	5.627776	0.110645	0.416534	1	1
CG13631	116.5546	0.290931	0.215407	1	1
CG13946	911.6234	-0.39949	0.115595	1	1
CG5011	0.790248	-0.03959	0.561211	1	1
ND-B8	112.9901	-0.10606	0.196859	1	1
CG15024	3.969342	0.074601	0.443288	1	1
Teh3	0.646306	-0.07108	0.59601	0.733985	1
CG18675	617.5469	0.775091	0.125769	1	1
CG17278	48.75335	0.031815	0.265057	1	1
CG15922	146.7349	0.106038	0.194853	1	1
CG12483	5.681413	-0.22906	0.45711	0.930586	1
CG17193	2.135401	-0.05075	0.471713	1	1
CG12589	346.8438	0.285201	0.147639	1	1
CG11373	1465.895	-0.10106	0.093109	1	1
CG30158	0.675272	-0.08794	0.588247	0.690236	1
CG9445	538.3149	-0.17748	0.127038	1	1
CG42500	1.748372	-0.00264	0.495946	1	1
e(y)2b	383.5591	0.727667	0.145708	1	1
CG12848	185.0315	-0.18295	0.160706	1	1
CG11686	92.63919	-0.0058	0.201801	1	1
IM4	224.4289	-0.66075	0.203241	1	1
CG15458	376.1831	0.220629	0.140927	1	1

CG15456	106.4493	-0.22247	0.219487	1	1
CG15461	614.9202	-0.13788	0.117519	1	1
Sf3b5	295.786	-0.05421	0.149724	1	1
CG8369	365.0672	0.183202	0.144863	1	1
COX7A	1139.918	-0.24861	0.113789	1	1
CG11458	7.840993	-0.14581	0.417367	1	1
CG15864	33.807	0.162959	0.292722	1	1
CG13255	81.8676	1.386436	0.277328	0.041241	1
CG4186	92.70781	0.696672	0.2768	1	1
CG11052	412.459	0.214897	0.141404	1	1
CG32428	122.246	-0.11231	0.191811	1	1
CAH16	6.149982	0.044704	0.449906	1	1
CheB98a	1.855496	0.073642	0.511971	1	1
CG14246	0.450761	0.032667	0.60474	0.929651	1
CG14244	1.555609	-0.01445	0.5085	1	1
CG17508	298.9752	-0.31143	0.1373	1	1
Cyp6a22	26.63554	-0.17606	0.314235	1	1
Invadolysin	394.1499	-0.21005	0.141798	1	1
Cyp303a1	18.91627	0.004461	0.317244	1	1
Pgant35A	0.776432	0.084194	0.590678	0.696618	1
CG5704	18.50738	0.134832	0.322976	1	1
CG12253	103.5582	-0.15795	0.200983	1	1
CG5707	8.967442	-0.81843	0.759662	0.125836	1
Ttc7	366.5754	-0.02782	0.13064	1	1
Vps28	1293.496	0.052099	0.100762	1	1
qsm	18.8942	-0.13027	0.331648	1	1
CG11899	123.6984	-0.34669	0.191294	1	1
CG13397	63.78178	0.322688	0.24978	1	1
ND-SGDH	1021.019	-0.05991	0.096251	1	1
Pglym87	6578.511	-0.4394	0.087352	1	1
Nup214	449.711	-0.03599	0.12526	1	1
Sec61beta	1128.651	-0.22825	0.090888	1	1
DCTN3-p24	79.91178	-0.50337	0.233099	1	1
ATPsynG	870.1941	-0.30693	0.119716	1	1
Prosbeta1	1492.497	-0.0479	0.083322	1	1
Ccs	46.7063	-0.56378	0.314074	1	1
kar	51.93181	0.143792	0.250369	1	1
Spn27A	171.7944	-0.70969	0.216583	1	1
FarO	4.427394	0.01536	0.435647	1	1
Cyp6a17	64.84803	-0.30488	0.24414	1	1
Pex1	112.0072	-0.4249	0.221858	1	1
deltaCOP	506.9668	-0.0706	0.119658	1	1
VhaPPA1-1	859.1798	0.081015	0.096091	1	1
Nsun2	220.6859	-0.01055	0.146178	1	1
Eip93F	70.09665	-0.21524	0.240198	1	1
DNApol-alpha60	51.95898	0.005395	0.244249	1	1
miple2	181.3738	-0.4123	0.168285	1	1
Ady43A	45.55675	-0.43736	0.294109	1	1
CG3719	102.7281	-0.28667	0.204331	1	1
Vha36-1	386.3104	-0.23866	0.136629	1	1

GluRIID	19.58192	0.052365	0.321193	1	1
ear	507.9643	0.046028	0.123943	1	1
Nnp-1	405.7694	-0.05987	0.129456	1	1
Sec13	640.669	-0.43273	0.124498	1	1
eIF5B	3368.969	-0.08619	0.079906	1	1
nbs	447.7982	0.913055	0.131932	1	1
mab-21	0.751477	0.069037	0.585298	0.775151	1
Rs1	237.8864	0.166643	0.146092	1	1
Ref1	842.3757	-0.27392	0.101535	1	1
Coq7	126.6978	-0.34375	0.18589	1	1
NHP2	150.9738	-0.33864	0.192018	1	1
ScsbetaG	614.3852	-0.29192	0.107152	1	1
Spt6	163.9983	-0.10448	0.168094	1	1
Men-b	1067.037	-0.09811	0.094625	1	1
NtR	108.031	0.572894	0.276633	1	1
CG17724	12.48444	0.076119	0.350833	1	1
Actbeta	27.98768	0.391747	0.341867	1	1
Kif3C	9.751734	0.095217	0.374269	1	1
CG11360	120.8048	-0.15425	0.193713	1	1
Slip1	576.7136	-0.17531	0.114603	1	1
Ekar	16.96476	0.30449	0.366068	1	1
ND-49	437.4471	-0.43773	0.141854	1	1
Thd1	191.2634	-0.10122	0.163013	1	1
bip2	228.3211	-0.25354	0.180262	1	1
lgs	1351.435	-0.35888	0.104033	1	1
RhoGAP102A	90.0054	0.136215	0.218219	1	1
yellow-h	57.50106	0.414066	0.273702	1	1
Arl4	401.793	-0.433	0.157056	1	1
RhoGAP100F	16.42149	0.156487	0.338708	1	1
Rift	283.5548	-0.0378	0.143348	1	1
CG42233	96.66999	0.617637	0.227647	1	1
Ir100a	11.62191	0.231307	0.396997	1	1
CG2126	89.97274	-0.10495	0.209015	1	1
sip3	1847.663	0.2867	0.079831	1	1
betaGlu	136.9242	-0.27034	0.190374	1	1
CG2150	0.19466	-0.00449	0.605571	1	1
Smtv	5.634528	0.206716	0.743026	0.231138	1
CG2187	11.03236	0.149877	0.388215	1	1
nero	679.403	-0.24121	0.115449	1	1
CG1896	52.48596	0.033478	0.242435	1	1
CG1890	574.2048	0.556532	0.114128	1	1
CG11563	111.0356	-0.23152	0.224097	1	1
CstF50	106.1632	-0.45683	0.211967	1	1
CG11550	31.19107	0.530854	0.390366	0.924628	1
kek6	14.96166	0.232336	0.374492	1	1
pasha	223.9991	-0.37616	0.160776	1	1
CG1792	73.04113	-0.28905	0.227097	1	1
CG11539	131.8	0.161777	0.184424	1	1
CG1774	597.3481	0.288945	0.105993	1	1
CG1635	2.706961	-0.05504	0.455655	1	1

pygo	897.8786	0.843687	0.115892	1	1
mey	4.54803	-0.31972	0.566917	0.448243	1
CG11333	377.1198	1.053168	0.161401	0.440571	1
Ugt35D1	4.933689	-0.94189	1.261323	0.035025	1
CG15564	0.718032	-0.03645	0.583776	0.959595	1
CG15563	12.50728	0.78968	0.648052	0.196304	1
CG15561	113.7364	0.464712	0.216846	1	1
ppk24	0.44584	0.067902	0.623326	0.669974	1
CG1542	475.9125	-0.3423	0.11635	1	1
CG1544	53.47061	-0.73656	0.344644	0.803368	1
spn-F	877.7859	0.15786	0.10082	1	1
CG1750	19.0609	-0.36004	0.416225	0.992368	1
CG15556	84.3273	0.520091	0.244945	1	1
CG15554	10.02366	0.054365	0.368076	1	1
CG15553	13.54025	0.26624	0.383691	1	1
CG11317	16.87976	-0.5177	0.509885	0.513361	1
Sox100B	33.55236	0.478703	0.328525	1	1
Chchd3	254.6182	-0.87897	0.163068	1	1
Ctr1C	267.4366	1.053259	0.160736	0.440456	1
CG15548	913.5959	-0.14611	0.100293	1	1
CG15549	412.7405	0.151784	0.128898	1	1
CG15547	1639.435	0.593662	0.100581	1	1
CG15546	54.96394	-0.14202	0.249597	1	1
CG15545	2.393967	0.110516	0.487392	1	1
Cpr100A	2.235223	-0.4397	0.916971	0.103533	1
dj-1beta	267.2722	-0.54443	0.154734	1	1
CG15543	915.4679	0.327349	0.098565	1	1
CG11313	1.209038	-0.01886	0.52369	1	1
eIF4H2	3034.709	0.490979	0.109273	1	1
Spn100A	2.497449	-0.13583	0.496562	0.896908	1
CG2267	7538.165	0.412574	0.072445	1	1
PH4alphaNE3	8.028025	0.014042	0.554414	1	1
CG9717	2.867541	0.058357	0.476696	1	1
Rpt6R	1879.349	0.247378	0.08498	1	1
CG9702	8.855137	0.051554	0.523767	1	1
CG9698	1.385165	0.20951	0.716816	0.257877	1
CG15539	5.024164	0.102149	0.483201	1	1
PH4alphaSG2	1.754514	-0.25817	0.712112	0.24389	1
Jon99Fi	7.724386	0.34527	0.899551	0.114229	1
Jon99Fii	6.233661	0.44452	1.151379	0.051739	1
CG2224	872.5602	0.584734	0.120284	1	1
Osi23	1.17169	0.187714	0.67175	0.328346	1
CG15533	0.486649	-0.00454	0.604637	1	1
CG2218	494.271	0.154979	0.132046	1	1
CG15536	236.1324	0.087645	0.14684	1	1
CG15535	88.60793	0.381361	0.228681	1	1
CG18404	1.9168	-0.23094	0.631189	0.361766	1
CG9682	840.2031	0.904859	0.100364	1	1
CG9733	7.198642	0.201571	0.440008	1	1
CG9737	235.0449	-0.61319	0.173352	1	1

CG9743	162.1491	-0.04013	0.17712	1	1
CG15531	9.031744	0.24654	0.449711	0.946241	1
CG9747	117.4866	0.659899	0.221954	1	1
Bet5	74.42428	-0.43712	0.230121	1	1
CG1983	86.45549	0.108967	0.201787	1	1
AdoR	4.086629	0.051905	0.452498	1	1
CG15526	223.8949	-0.5223	0.160467	1	1
CG7946	758.1843	0.940655	0.109358	1	1
CG15528	9.559119	0.357883	0.489858	0.666774	1
Sas-6	212.3923	0.085032	0.151121	1	1
ZIPIC	185.9599	-0.03631	0.168068	1	1
CG7903	135.1753	0.88393	0.21418	0.937635	1
RpS28a	77.11021	0.990538	0.302256	0.442338	1
CG7896	2.020874	-0.2318	0.639858	0.347007	1
Mgat2	270.6317	0.414737	0.141931	1	1
CG7920	4233.133	-0.23579	0.083403	1	1
eIF2Balpha	133.5453	-0.24908	0.198996	1	1
CG7912	3.406843	-0.04991	0.475416	1	1
Nph	866.2994	-0.4677	0.122201	1	1
Cog7	140.8194	-0.32811	0.177805	1	1
CG15525	241.7652	-0.48252	0.162136	1	1
CG34133	1347.945	0.32129	0.107805	1	1
RpS8	3870.066	-0.51848	0.098016	1	1
CG15514	193.8816	-0.40415	0.167889	1	1
CG7824	50.24064	-0.16997	0.261001	1	1
dgt1	420.6009	0.304703	0.128901	1	1
Prtl99C	2325.953	0.360108	0.088352	1	1
CG7829	2.479511	0.061622	0.495037	1	1
Vps16B	93.85964	0.037109	0.202039	1	1
CG7789	49.43277	-0.2691	0.254505	1	1
Rnb	105.3956	-0.06833	0.195587	1	1
sro	4.796223	-0.19143	0.452731	1	1
fig	1842.04	0.132853	0.08933	1	1
yata	367.2072	0.020689	0.131645	1	1
IntS11	84.87934	0.056922	0.201011	1	1
CIA30	435.794	0.365437	0.120308	1	1
CG7601	236.9583	0.296372	0.159852	1	1
Kul	87.91944	0.114837	0.216625	1	1
CG15506	45.54074	0.477365	0.316068	1	1
Obp99d	0.522141	0.002143	0.588182	1	1
CG7582	25.81228	-0.1021	0.316098	1	1
Cap-D2	75.99423	-0.37408	0.250779	1	1
Obp99a	2821.546	-0.50174	0.10196	1	1
ppk30	23.65131	-1.19705	0.601799	0.096175	1
ppk20	6.230102	-0.10337	0.420125	1	1
ppk21	1.060785	0.039401	0.54502	1	1
CG1907	138.4458	-0.33795	0.184916	1	1
CG11470	0.44584	0.067902	0.623326	0.669974	1
ND-20L	628.4685	0.516001	0.115981	1	1
Diedel	5.181169	0.007881	0.421086	1	1

CG2321	113.8818	-0.05325	0.191859	1	1
CG14506	171.6357	0.48174	0.174136	1	1
Brd8	163.4662	-0.46716	0.176409	1	1
Cisd2	529.7173	-0.25227	0.122496	1	1
Cyt-c1L	1735.671	0.262177	0.089019	1	1
Mesh1	42.46799	-0.03282	0.252009	1	1
CG11898	22.52443	0.986634	0.621331	0.153384	1
Rpn2	2822.846	-0.14211	0.081003	1	1
CG11882	107.9876	0.105894	0.200786	1	1
CG14511	14.20814	-0.13627	0.358304	1	1
CG14512	18.05375	0.109327	0.328567	1	1
dgt6	114.8071	-0.34026	0.208766	1	1
Atg14	301.8542	0.16848	0.129892	1	1
alpha-Man-Ib	289.7932	-0.63604	0.163927	1	1
CG11873	335.0225	-0.36379	0.138266	1	1
Ssl2	0.084946	0.016718	0.607437	1	1
Cul5	499.318	0.08551	0.112567	1	1
CG1951	227.5784	-0.02813	0.175147	1	1
Sirt7	160.2254	-0.01666	0.165172	1	1
eIF4E6	114.2492	-0.33676	0.244644	1	1
CG14518	0.942972	0.044347	0.548689	1	1
CG11842	6.927171	0.144063	0.456771	1	1
wat	51.88815	-0.43246	0.313561	1	1
CG11841	5.174622	-0.10703	0.440426	1	1
CG11837	38.30152	-0.50986	0.313971	1	1
Slu7	293.2816	-0.23144	0.144529	1	1
DIP-gamma	2.299861	-0.04747	0.470362	1	1
Cpsf100	174.5457	0.249617	0.163782	1	1
CG11828	13.17028	0.196424	0.453247	0.998879	1
Nepl21	26.42647	-0.85673	0.469781	0.358425	1
Nepl20	1.000197	0.178722	0.674104	0.331845	1
Nepl19	18.55198	-0.31481	0.405476	1	1
Nepl17	2.539489	0.066543	0.481433	1	1
CG1647	133.4906	0.104026	0.181695	1	1
CG1523	195.3431	-0.10785	0.151823	1	1
intr	5.369331	0.015529	0.59607	1	1
CG10000	6.92591	0.163245	0.439505	1	1
htt	152.1179	-0.256	0.181312	1	1
Sid	1.053767	-0.20292	0.719155	0.258227	1
CG10011	181.1258	0.228999	0.18385	1	1
CG9986	129.2589	-0.07457	0.188935	1	1
Noa36	774.3599	-0.31229	0.097727	1	1
mIF2	77.99496	0.211793	0.236597	1	1
CG1894	100.7119	-0.72776	0.227817	1	1
beat-VI	12.10465	0.533945	0.541644	0.428772	1
Gfat2	192.879	-0.07295	0.177393	1	1
CG12516	896.2354	0.080257	0.100659	1	1
UQCR-14L	716.665	0.070557	0.110455	1	1
trv	3.952647	-0.23866	0.545223	0.555797	1
CG4815	165.9023	-0.41916	0.183981	1	1

betaTub97EF	125.816	-0.94951	0.225685	0.685309	1
CG4849	162.9251	-0.37502	0.177576	1	1
Nep7	23.64758	-0.2835	0.34083	1	1
CG4951	266.0286	-0.38683	0.142953	1	1
Gp93	2100.97	-0.26333	0.077149	1	1
mfrn	1371.108	0.475823	0.119017	1	1
BCAS2	153.5641	-0.52607	0.193174	1	1
CG12259	114.3672	-0.48019	0.200792	1	1
CG5003	152.0596	-0.74719	0.199705	1	1
mil	5891.664	0.922718	0.095562	1	1
CG12426	233.9738	0.76798	0.177566	1	1
ALiX	1136.538	-0.11722	0.099605	1	1
HSPBAP1	55.29097	-0.49305	0.284688	1	1
CG12880	79.80985	0.561271	0.249903	1	1
CG12883	71.13013	-0.18361	0.230627	1	1
CG5590	342.1707	-0.50157	0.143339	1	1
unc80	5.672393	-0.34097	0.578933	0.412254	1
RpS10a	495.9659	-0.20975	0.12791	1	1
CG5611	73.39818	-0.09548	0.212182	1	1
Tusp	154.1902	0.590187	0.181234	1	1
CG5612	5504.854	-0.01582	0.209594	1	1
dsd	183.9695	-0.10733	0.155258	1	1
CG5639	67.05435	0.071326	0.238179	1	1
CG5646	51.73895	-0.02568	0.253889	1	1
CG12885	1.214042	0.095109	0.548556	0.794875	1
bigmax	67.10201	-0.62443	0.282918	1	1
CG5402	31.65258	0.065235	0.283563	1	1
CG3368	145.897	-0.38143	0.183564	1	1
Gr98a	2.544472	0.627613	1.177384	0.04944	1
mrt	227.9958	0.408152	0.152561	1	1
Cyp6a18	3.366172	0.14556	0.523887	0.756188	1
CG13978	3754.108	0.302106	0.090886	1	1
CG5934	135.2141	-0.20644	0.185864	1	1
CG14260	433.594	-0.22529	0.126733	1	1
CG42534	7.435526	0.107572	0.407614	1	1
CG14262	931.9731	-0.13688	0.102254	1	1
TTLL6B	4174.438	0.262291	0.100973	1	1
CG3330	9646.851	-0.0155	0.069519	1	1
CG5984	1.005051	0.149303	0.637154	0.427153	1
CG17991	2234.596	0.518918	0.08672	1	1
CG5909	2.804914	0.006369	0.464179	1	1
CG6059	2504.255	0.682407	0.10037	1	1
CG5882	1.700136	0.028677	0.496849	1	1
CG5880	18.23842	-0.07367	0.326532	1	1
CG6066	98.45518	-0.71811	0.244057	1	1
CAH9	22.38811	-0.62751	0.426175	0.676372	1
eater	20.11203	0.373576	0.374265	1	1
CG14259	1.178051	0.076287	0.549778	0.860383	1
CG14258	2.420785	0.043168	0.483381	1	1
Cpr97Ea	3.441356	-0.41441	0.677699	0.242021	1

CG14257	2.901571	0.105497	0.490218	1	1
CG6271	0.638511	0.079134	0.601503	0.684445	1
CG6296	0.602498	-0.07188	0.595018	0.733416	1
TwdIC	0.824593	0.139388	0.655701	0.404808	1
CG5521	64.49963	-0.20059	0.246883	1	1
Spag1	1432.329	0.519403	0.11038	1	1
CG14252	412.7028	-0.15643	0.123247	1	1
CG5500	487.7971	-0.33947	0.128644	1	1
ms(3)K81	178.0057	0.512518	0.178577	1	1
SPARC	343.4029	-0.11691	0.141322	1	1
IntS12	28.68488	-0.68614	0.408608	0.665298	1
CG6403	0.489273	0.011104	0.583666	1	1
CG14245	2.373091	0.076401	0.638521	0.592252	1
CG6420	461.5872	0.077516	0.121183	1	1
CG6425	434.9379	0.319306	0.120642	1	1
TwdIQ	1.493706	-0.05461	0.5156	1	1
TwdIS	1.451682	0.049398	0.524168	1	1
TwdIK	0.09733	-0.00449	0.605571	1	1
TwdIO	2.209783	-0.06617	0.478105	1	1
TwdIB	0.724215	0.026303	0.55292	1	1
TwdIM	8.540481	-0.24516	0.428555	1	1
plum	27.21927	-0.22501	0.303035	1	1
CG14238	3.296381	0.015658	0.437201	1	1
CG14237	0.949813	-0.18839	0.69074	0.301209	1
CG5447	116.7018	0.048958	0.186483	1	1
Ald2	3459.238	-0.04575	0.085107	1	1
CG6036	1536.848	0.195532	0.088372	1	1
CG12290	85.23406	0.267031	0.232363	1	1
CG6073	215.2282	-0.69873	0.168477	1	1
CG31323	17.02104	-0.17647	0.356509	1	1
CG6142	2.457486	0.157446	0.512485	0.779868	1
Dak1	199.3494	-0.06957	0.169774	1	1
Vps2	405.1015	-0.14679	0.124497	1	1
CG14556	919.5276	1.086029	0.100042	0.256726	1
fid	69.89519	0.402457	0.274389	1	1
CG14551	62.14417	-0.12224	0.244303	1	1
CG14540	6490.306	0.336137	0.079216	1	1
CG14543	224.2315	-0.21832	0.145775	1	1
CG14546	1343.647	0.194424	0.088661	1	1
Sld5	185.2895	0.130495	0.164149	1	1
Mco3	29.3707	1.48223	0.498309	0.039446	1
CG5913	409.714	-0.51784	0.122609	1	1
CG5886	3430.527	0.264348	0.082872	1	1
alpha4GT2	3.172827	0.028137	0.600596	0.973352	1
CG5024	2807.204	-0.24552	0.081734	1	1
CG4960	503.5917	0.040692	0.126457	1	1
CG17195	595.1431	0.687841	0.116859	1	1
CG17196	664.1506	0.667147	0.111074	1	1
RpL27	2292.357	-0.40959	0.113534	1	1
CG5028	307.0524	0.42553	0.143854	1	1

CG4743	120.5157	-0.53039	0.203659	1	1
CG5039	51.86545	-1.43283	0.349734	0.041327	1
CG4730	170.577	0.25901	0.164824	1	1
RASSF8	280.6192	-0.12723	0.140239	1	1
Tnks	101.2902	-0.14657	0.196671	1	1
Ssadh	229.8423	-0.48274	0.160089	1	1
CG5079	1.226754	0.052342	0.542177	0.99736	1
CG4582	3.367438	0.014876	0.454171	1	1
CG5111	1605.333	-0.04355	0.080072	1	1
CG5107	5.400082	-0.09985	0.445705	1	1
CG5116	1.82505	0.00765	0.488638	1	1
MED28	214.8656	-0.21335	0.154328	1	1
CG4553	51.39228	-0.08473	0.2499	1	1
Vps33B	248.5493	0.090857	0.141066	1	1
alrm	0.556817	0.051791	0.603646	0.808962	1
ND-49L	1556.936	0.828036	0.090773	1	1
tobi	62.4161	-1.40722	0.318099	0.043629	1
rha	3875.757	0.40212	0.083043	1	1
CG11902	164.7688	0.762682	0.201336	1	1
CG10669	47.18486	-0.34158	0.279709	1	1
CHKov2	27.09258	-0.20074	0.310632	1	1
CG10562	3.246429	0.120072	0.484682	0.994019	1
CG10560	3.592494	0.150037	0.744766	0.248512	1
CG10553	597.0013	-0.65082	0.140511	1	1
CG10559	38.17568	0.249784	0.313755	1	1
CG13659	3.959574	0.166305	0.463838	0.995898	1
CG13658	0.268107	-0.04679	0.619605	0.793673	1
CG10514	35.1335	1.326608	0.53469	0.071863	1
CG10513	212.3885	0.531024	0.193799	1	1
CG11878	12.5205	0.478311	0.525867	0.490387	1
Sil1	94.81771	-0.16714	0.223945	1	1
RIOK2	86.88803	-0.48507	0.226555	1	1
Cad96Cb	24.48008	0.107371	0.305273	1	1
CG11858	154.545	-0.48613	0.184526	1	1
CG17784	3.595854	0.027682	0.446522	1	1
CG10425	135.9265	-0.38898	0.194727	1	1
Alg9	76.65269	-0.12431	0.228198	1	1
CG5762	7853.029	-0.14457	0.077546	1	1
Nup358	881.6013	0.269094	0.116742	1	1
CG13663	159.2965	-0.12779	0.178264	1	1
CG18528	55.03271	-0.10403	0.240064	1	1
Nup37	96.49636	-0.27807	0.234097	1	1
CG13654	23.05214	-0.24948	0.339991	1	1
Golgin84	1198.355	0.281391	0.092191	1	1
RpS27	2282.081	-0.35061	0.112797	1	1
Cad96Ca	15.35342	-0.12729	0.348532	1	1
CG11854	5.302047	0.179145	0.459138	0.996903	1
CG11852	78.99299	-0.2927	0.229868	1	1
dan	1.345626	0.028168	0.531068	1	1
CG6432	5.223828	-0.05111	0.458979	1	1

Dis3	124.7195	-0.47856	0.191866	1	1
CG5728	146.1061	-0.25605	0.172419	1	1
danr	1.486585	-0.0938	0.543758	0.816816	1
Nab2	362.139	-0.32453	0.123936	1	1
Bili	63.23956	0.439462	0.251605	1	1
CG5715	2.434234	0.053664	0.482036	1	1
Clbn	433.2412	-0.19687	0.13559	1	1
Uck	176.439	-0.35939	0.164968	1	1
CG6356	43.23852	0.057205	0.275638	1	1
shps	1418.484	0.059348	0.088863	1	1
Orct2	87.67436	-0.18058	0.206838	1	1
beta-PheRS	294.5811	-0.55877	0.14168	1	1
CG11920	126.0184	-0.35603	0.187821	1	1
Spase22-23	621.8292	-0.36626	0.110532	1	1
CG13609	41.53038	0.276231	0.296082	1	1
Spps	111.1401	0.334118	0.207445	1	1
PQBP1	107.1966	-0.24667	0.197244	1	1
CG17786	4.43857	-0.11787	0.451993	1	1
stac	208.9758	-0.36757	0.162358	1	1
CG6204	163.2941	-0.24511	0.170747	1	1
jinj	1688.54	1.126645	0.108974	0.146128	1
CHORD	305.5194	0.161697	0.133754	1	1
CG13606	25.97391	0.059211	0.295854	1	1
CG5510	450.4513	0.156592	0.120448	1	1
bai	946.6694	0.125825	0.109287	1	1
TBC1d7	63.78937	-0.18682	0.230433	1	1
Smg6	1131.254	0.714007	0.096756	1	1
CG6178	364.5939	-0.3398	0.139344	1	1
CG11781	217.9087	0.055924	0.164615	1	1
Kal1	21.16844	-0.32434	0.359096	1	1
beta4GalT7	253.3476	0.018383	0.153095	1	1
Npc2f	18.02843	0.134559	0.330468	1	1
tnc	708.8795	0.181281	0.233949	1	1
Sec10	246.7988	-0.33501	0.158076	1	1
mah	3.184093	0.025462	0.45912	1	1
GatB	64.65349	-0.0519	0.2324	1	1
CG11771	673.6242	-0.0434	0.103143	1	1
CG13605	352.1526	-0.48544	0.150084	1	1
Trf4-2	1087.127	0.714733	0.113934	1	1
CG18428	96.79867	-0.21497	0.207979	1	1
Mink	255.326	0.400711	0.147289	1	1
CG10694	685.4884	0.457362	0.111318	1	1
CG11168	404.1395	-0.17742	0.118237	1	1
SMC1	315.8863	-0.44593	0.137772	1	1
CG6000	9.459885	-0.08494	0.389288	1	1
CG10845	3467.864	-0.13184	0.077345	1	1
Atg6	212.4733	-0.03488	0.149988	1	1
CG5986	227.289	-0.61194	0.162068	1	1
CG11069	37.73253	0.298326	0.319392	1	1
CG11089	167.5408	-0.47254	0.175386	1	1

Mettl3	381.8899	0.451872	0.136311	1	1
CycB3	541.5516	0.937805	0.131365	1	1
CG13604	80.82803	0.10049	0.209959	1	1
CG7016	3.600564	0.194257	0.509235	0.733959	1
CG13640	0.084946	0.016718	0.607437	1	1
CG13603	182.2412	-0.7566	0.174304	1	1
CAH4	1459.375	-0.03836	0.079858	1	1
AP-1sigma	246.5059	-0.07787	0.142059	1	1
CG7006	148.9066	-0.45487	0.189792	1	1
CG5854	326.1998	-0.0317	0.138214	1	1
RpS19b	1013.675	-0.35567	0.119512	1	1
CG13599	132.2787	0.122151	0.181623	1	1
niki	4.017395	0.143929	0.473814	0.990487	1
CG13601	237.9295	0.182917	0.145732	1	1
CG5808	89.6654	-0.23241	0.220235	1	1
Ndc1	373.0252	0.213261	0.131991	1	1
lili	1659.446	0.146997	0.080927	1	1
tbrd-1	1121.997	0.109326	0.098634	1	1
CG6980	1078.448	0.927761	0.109068	1	1
polybromo	159.0176	-0.11118	0.182995	1	1
eIF4G2	6467.208	0.151227	0.185098	1	1
Nup98-96	895.8765	0.556954	0.117202	1	1
CG10208	51.50097	-0.10354	0.243847	1	1
CG13634	0.41879	0.021003	0.602766	1	1
CG10375	105.5357	0.001407	0.197305	1	1
CG5805	116.5263	-0.4028	0.211886	1	1
CG10214	107.8082	-0.0076	0.193696	1	1
CG42331	1.592557	-0.00411	0.497339	1	1
CG13630	697.1646	-0.31703	0.132068	1	1
SdhD	1301.29	0.020987	0.093017	1	1
Rpb10	144.0439	-0.23835	0.184874	1	1
Hrd3	2089.191	0.563695	0.098634	1	1
Ppox	1220.55	0.386	0.087237	1	1
RanBP3	1741.674	-0.00483	0.0833	1	1
CG10232	10.61874	-0.28434	0.422915	1	1
CG10300	0.19466	-0.00449	0.605571	1	1
mld	140.9369	-0.31141	0.194686	1	1
CG10301	0.444104	-0.04872	0.613025	0.800408	1
CG13625	60.64609	-0.22116	0.24214	1	1
Gba1a	11.0724	0.507245	0.507936	0.524181	1
CG10252	25281.44	-0.21002	0.075969	1	1
CG5789	328.1029	-0.3891	0.139414	1	1
SPE	22.87892	-0.9848	0.535437	0.205954	1
CG13623	298.8349	0.084691	0.142703	1	1
CG6607	223.8616	-0.46868	0.155054	1	1
CG16710	28.57621	-0.16244	0.294408	1	1
GILT2	566.8347	-0.33302	0.13212	1	1
beat-IV	5.889856	0.149255	0.445396	1	1
CG13618	1.553376	-0.38733	0.868283	0.12374	1
GILT3	328.3754	0.860804	0.209638	1	1

CG10164	3945.249	0.294826	0.08557	1	1
CG13622	0.470608	0.047597	0.609162	0.818102	1
CG13617	342.8686	0.196709	0.126299	1	1
Ugt303B1	16.67543	-1.10399	0.759887	0.080754	1
CG13616	2.12276	0.078929	0.491075	1	1
Ugt303B3	17.94082	-0.54766	0.471745	0.603797	1
CG13615	12.61572	-0.02749	0.356621	1	1
CG10184	231.9331	-0.16363	0.151295	1	1
CG10177	2116.754	0.714164	0.111349	1	1
CG16723	0.738028	0.024764	0.560241	1	1
CG17781	1.631889	0.022182	0.501016	1	1
lr94h	0.169892	0.02982	0.611184	0.934191	1
CG17782	0.280869	-0.00449	0.605571	1	1
CG4374	5.998834	0.164383	0.435023	1	1
CG17380	516.7426	0.582063	0.126813	1	1
CG4393	62.30417	-0.11121	0.229442	1	1
CG4408	4.942648	-0.20647	0.480449	0.845614	1
bb8	7077.707	-0.18576	0.069214	1	1
CG17083	4068.246	0.553433	0.077998	1	1
CG6763	17.58288	-0.21833	0.350398	1	1
CG13827	29.70649	0.218814	0.292423	1	1
wda	98.24705	-0.03112	0.202381	1	1
Rad60	996.8429	0.994797	0.113383	0.780087	1
CG4467	8.511573	0.19765	0.414266	1	1
lrk1	2.144976	0.094428	0.515722	0.926816	1
CG13829	252.6281	-0.0727	0.148133	1	1
VhaAC39-2	325.2797	0.266282	0.136087	1	1
Rassf	216.3055	-0.01973	0.163136	1	1
CG6738	0.292188	-0.04954	0.621123	0.77256	1
CG6733	5.512639	1.130948	1.409479	0.023999	1
CG17109	5.678178	0.375168	0.591841	0.374768	1
CG17110	4.144534	0.55229	0.807747	0.134799	1
CG17111	74.32678	-0.2746	0.250126	1	1
Ublcp1	561.2935	0.03198	0.110187	1	1
CG17121	144.5163	0.156244	0.188266	1	1
CG13837	1.172954	0.200125	0.666106	0.327634	1
CG13838	1193.83	-0.25014	0.118586	1	1
CG13833	0.292188	-0.04954	0.621123	0.77256	1
CG6688	53.64907	0.527318	0.293793	1	1
CG34375	20.01249	0.148547	0.329979	1	1
CG6660	2.092605	-0.02396	0.531018	1	1
CG4704	741.4063	0.076037	0.106261	1	1
CG7031	0.502525	0.064112	0.602253	0.747966	1
Usp12-46	391.8375	0.379952	0.123494	1	1
Nep115	33.41074	-1.46679	0.459317	0.041525	1
Nep114	19.3218	0.268618	0.350769	1	1
Nep113	3.983699	-0.20631	0.49036	0.799671	1
rumi	66.67073	-0.02869	0.220897	1	1
HP1c	260.7549	-0.07041	0.143746	1	1
vret	194.5511	-0.33423	0.175237	1	1

CG6985	256.042	0.413005	0.15086	1	1
Takl2	2.133697	0.140338	0.538393	0.711201	1
CG4813	89.59034	-0.13134	0.204163	1	1
CG4907	2164.935	0.815345	0.109731	1	1
CG13842	36.9601	-0.09844	0.28941	1	1
CCAP	122.1959	0.266157	0.192931	1	1
Cyp6d4	41.02871	0.418498	0.326032	1	1
cd	18.32401	0.6511	0.480833	0.502369	1
Nup133	340.2907	0.078118	0.14764	1	1
wfs1	632.3308	0.438654	0.113833	1	1
CG17625	245.2278	0.741536	0.178745	1	1
wake	79.72315	0.005966	0.218203	1	1
mRpL45	219.2687	-0.47102	0.15965	1	1
CG31156	169.2454	-0.2485	0.180794	1	1
CG13843	1798.09	0.140088	0.08078	1	1
tHMG2	3779.748	0.5123	0.093098	1	1
CG6937	190.5739	-0.58873	0.185279	1	1
CG5376	4.488759	-0.05356	0.430828	1	1
Pfdn5	1264.051	-0.0245	0.093942	1	1
sit	2.344479	0.036133	0.495213	1	1
CG5377	45.89695	-0.17119	0.269613	1	1
Pebp1	4.565844	-0.00802	0.4292	1	1
CG5326	1.006138	-0.04192	0.546755	1	1
CG7054	75.4205	-0.73741	0.280023	1	1
CG5346	238.7404	0.127286	0.153123	1	1
Rpn7	1408.676	-0.01321	0.082644	1	1
Octbeta1R	2.747961	0.176537	0.557649	0.583725	1
CG12499	51.06994	-0.34881	0.267705	1	1
CG13847	25.62599	0.832972	0.494945	0.340769	1
pinta	64.10375	-0.13491	0.252405	1	1
mats	512.0645	0.227097	0.110295	1	1
Nop56	357.4599	-0.65262	0.139744	1	1
CG13850	328.8433	-0.38946	0.145314	1	1
CG13855	1132.731	0.860756	0.104634	1	1
CG13856	1.112974	0.240403	0.736572	0.226336	1
CG13857	4.048651	0.070359	0.467144	1	1
CAH8	9.506032	0.110546	0.389678	1	1
CG18596	516.37	-0.31156	0.112384	1	1
CG7069	6660.98	-0.04769	0.075335	1	1
CG5380	134.3612	0.024263	0.174692	1	1
PSR	309.1172	-0.43113	0.133691	1	1
rdhB	6.756116	1.165662	1.118964	0.035446	1
CG5386	1.305042	0.170018	0.626767	0.421619	1
CG5388	132.2722	0.007798	0.175085	1	1
CG5391	31.94185	-0.07064	0.292488	1	1
CG7080	1.231927	-0.00863	0.549532	1	1
Gld2	2782.665	0.466706	0.128472	1	1
CG13407	0.841165	-0.13497	0.636847	0.449276	1
CG5778	34.50929	-0.17633	0.276633	1	1
CG13408	1.668298	0.028948	0.506157	1	1

Fadd	78.64284	0.450354	0.234088	1	1
CG13409	15.49021	-0.02046	0.35103	1	1
Cchl	2551.385	-0.04523	0.078866	1	1
CG6028	168.3193	-0.4429	0.182919	1	1
mRpL35	161.9304	-0.46233	0.177089	1	1
ldh3b	3028.465	-0.26206	0.098179	1	1
CG6332	5614.135	-0.02752	0.084664	1	1
Qsox2	26.45377	-0.00169	0.487181	1	1
CG6678	22.25494	-0.44603	0.387994	1	1
dnd	20.17929	0.107767	0.313645	1	1
CG17819	901.0035	0.917747	0.117212	1	1
fit	1.83923	0.005741	0.484213	1	1
CG6656	62.63346	0.006623	0.235508	1	1
Cby	198.3448	0.466531	0.176303	1	1
lsn	138.8644	0.076882	0.184713	1	1
CG6800	9.038174	-0.35774	0.474578	0.726434	1
Burs	0.671487	-0.02056	0.565523	1	1
CG5849	16.09509	-0.36339	0.396718	1	1
CG15497	1.011744	-0.14525	0.635626	0.435953	1
Archease	39.98854	-0.42604	0.313414	1	1
CG15498	1408.908	0.202764	0.095688	1	1
CG7956	535.1183	0.245436	0.114639	1	1
Fancm	801.5802	0.700371	0.122527	1	1
CheB93a	1.958486	0.005631	0.488491	1	1
CG16791	90.74105	-0.35954	0.224561	1	1
SIFaR	19.58894	0.152647	0.330501	1	1
Oga	32.04899	-0.04762	0.291584	1	1
CG17298	0.860185	-0.02644	0.547934	1	1
Smyd5	167.3611	0.360299	0.170166	1	1
CG5862	901.9458	0.159745	0.109959	1	1
CG3308	307.0764	-0.22178	0.152527	1	1
Snmp1	52.25072	-0.27333	0.285666	1	1
ldi	224.1055	-0.33149	0.149819	1	1
CG5810	19.45453	0.092094	0.322587	1	1
AP-2sigma	238.1699	-0.28724	0.162441	1	1
cDIP	183.7167	-0.47742	0.173163	1	1
CG5892	4.751362	0.147547	0.479222	0.954948	1
meigo	455.3036	0.20882	0.116232	1	1
Nelf-A	124.0982	-0.33204	0.223058	1	1
Usp8	961.2249	0.181497	0.103984	1	1
CG7009	117.9878	-0.5253	0.211799	1	1
Ice2	127.8509	-0.07541	0.183835	1	1
Obp93a	2.099169	-0.16884	0.54119	0.649146	1
CG5793	525.6922	-0.60313	0.124197	1	1
Bdbt	140.4251	-0.79589	0.216205	1	1
Sec15	129.0181	-0.03889	0.175045	1	1
CG5745	147.0339	-0.22963	0.170494	1	1
CG7044	112.5542	-0.38862	0.207259	1	1
RhoGAP93B	124.0228	-0.11313	0.197557	1	1
HHEX	2.237629	0.162699	0.523893	0.723602	1

CG7079	1.187963	0.136125	0.598859	0.53455	1
Rlip	94.25343	-0.33542	0.218572	1	1
CG5697	77.84958	0.525934	0.250985	1	1
Alp5	3.198296	0.037305	0.455315	1	1
hdly	241.499	-0.69241	0.164707	1	1
Grik	63.97312	0.458221	0.263865	1	1
KaiR1D	13.78649	-0.00536	0.352276	1	1
Ir93a	8.123968	0.145393	0.425903	1	1
CG15696	3.240365	-0.96347	1.422289	0.02657	1
CG15695	286.3371	0.089104	0.136186	1	1
AdSS	346.4627	-0.1498	0.165265	1	1
CG17272	74.49965	-0.65087	0.276668	1	1
CG17271	329.818	-0.46429	0.138551	1	1
CG17270	4.329948	-0.00941	0.430695	1	1
CG31200	2.250071	-0.19932	0.582291	0.488078	1
CG17267	14.14466	0.156046	0.368137	1	1
Cpr92F	6.931886	0.086837	0.42703	1	1
CG5466	210.7428	-0.90397	0.182303	0.996595	1
Pus1	99.35793	-0.31816	0.214377	1	1
Srp72	337.2554	-0.52389	0.132083	1	1
CG16953	525.544	-0.2272	0.12394	1	1
Srp14	371.9963	-0.29634	0.126937	1	1
CG5412	241.5403	0.085914	0.140168	1	1
CG10877	6.900783	0.014706	0.395292	1	1
CG5180	270.0991	0.473203	0.145311	1	1
eIF3g2	660.3805	0.687829	0.115971	1	1
CG4335	6.886843	-0.57549	0.663348	0.230902	1
MtnC	14.56806	0.313296	0.385731	1	1
Sirt2	1217.086	0.578029	0.095177	1	1
CG4360	156.9949	-0.10163	0.179545	1	1
CG4362	8.424785	-0.07966	0.381608	1	1
CG5023	42.94032	-0.6148	0.350377	0.985231	1
CG10887	708.9572	-0.3829	0.116931	1	1
mdlc	112.51	-0.16727	0.190472	1	1
MED25	51.91817	-0.37466	0.264578	1	1
CG10889	13.15436	-0.32171	0.458083	0.826532	1
CG4936	85.18866	-0.27907	0.227063	1	1
trem	345.4874	0.904157	0.16888	1	1
CG4783	1.65122	0.059166	0.510686	1	1
CG4854	44.9384	-0.15086	0.260865	1	1
CG4459	4.106038	0.106504	0.470428	1	1
CG4424	28.67036	-0.39123	0.323258	1	1
CG4462	92.31564	-0.31092	0.208955	1	1
psidin	1669.064	0.135643	0.105541	1	1
CG4770	1.961442	-0.0635	0.499851	1	1
CG4465	0.80974	-0.17635	0.680604	0.32408	1
RhoGAP92B	792.7713	0.293397	0.11702	1	1
CG4733	55.10765	0.581237	0.313386	1	1
Arc42	168.7243	0.004331	0.166224	1	1
CG17186	104.5241	-0.69038	0.234399	1	1

CG4562	868.5363	0.627028	0.121317	1	1
CG4686	1819.179	0.693636	0.084863	1	1
CG11447	35.09467	-0.20681	0.282625	1	1
CG11453	2.336837	-0.11597	0.509965	0.886245	1
CG11407	4.600746	-0.09652	0.439419	1	1
CG11391	2.863084	-0.17202	0.561094	0.579558	1
CG11659	1.282047	0.167585	0.639102	0.400812	1
CG6300	1.274188	0.19566	0.719757	0.260902	1
CG7432	2.321776	0.264772	0.652366	0.311653	1
CG6195	485.5928	-0.4983	0.12242	1	1
Nup58	1500.632	-0.19376	0.087573	1	1
CG17752	3.190988	0.089676	0.514708	0.947475	1
CG17751	2.159462	0.008771	0.482641	1	1
CG7342	50.36698	-0.30833	0.254876	1	1
CG7333	370.0708	0.171061	0.131359	1	1
Cpr92A	59.52996	0.186166	0.231217	1	1
CG15025	2026.962	0.10293	0.085599	1	1
Scsalpha2	4332.286	-0.2217	0.080277	1	1
CG3517	8597.662	-0.1721	0.073708	1	1
CG3739	0.450761	0.032667	0.60474	0.929651	1
CG18493	5.82709	-0.01308	0.421739	1	1
CG3734	1.098903	0.075847	0.57598	0.774432	1
CG3581	3231.721	-0.14276	0.079696	1	1
CG14280	130.3121	0.584907	0.196174	1	1
CG5217	3525.181	0.42564	0.079714	1	1
Gdn1	58.30574	-0.37046	0.276014	1	1
CG5250	258.596	1.097874	0.165455	0.300847	1
CG11703	1078.601	1.189401	0.099924	0.031398	1
CG5555	1916.731	0.242557	0.079973	1	1
CG14282	942.8095	0.667966	0.104844	1	1
Nsun5	250.229	0.591773	0.164424	1	1
CG5835	81.56753	-0.36281	0.227792	1	1
Cyp12a4	43.95373	0.068095	0.257593	1	1
Cyp12a5	65.53549	0.470868	0.244866	1	1
CG6040	236.1999	0.247747	0.166801	1	1
mRpL55	81.9267	-0.17246	0.220356	1	1
CG6026	0.638764	-0.05975	0.601098	0.773113	1
CG6013	487.9095	0.002895	0.123975	1	1
Prp18	112.1679	0.007548	0.185813	1	1
GatA	190.0023	-0.11078	0.154735	1	1
NP15,6	635.9089	-0.30098	0.130646	1	1
CG14285	11.06021	0.000364	0.366717	1	1
CG14286	109.2961	-0.18959	0.213933	1	1
CG6005	416.2175	-0.91631	0.138859	1	1
snRNP-U1-C	195.1786	0.150136	0.16008	1	1
Smu1	120.7907	-0.10554	0.198543	1	1
CG14297	4202.061	0.072854	0.078025	1	1
euc	3.711254	-0.12073	0.454132	1	1
CG14298	2.240346	-0.08381	0.489562	1	1
Octalpha2R	11.73819	0.080826	0.373423	1	1

Mpc1	3426.916	-0.22512	0.071969	1	1
Epg5	243.0492	0.066867	0.139455	1	1
CG7718	612.6379	0.66972	0.114492	1	1
CG14291	25.13376	0.161332	0.293718	1	1
CG14302	2.811923	-0.269	0.595895	0.406238	1
CG14294	1164.357	-0.19598	0.098013	1	1
CG7714	1.059836	0.066543	0.549493	0.903366	1
Muc91C	2.606376	0.268643	0.664687	0.29352	1
CG7706	213.4029	-0.40368	0.154334	1	1
Gos28	242.5174	0.061743	0.154355	1	1
Cpsf73	277.1552	-0.29603	0.14958	1	1
qin	146.6293	-0.67188	0.198617	1	1
CG14301	114.3093	0.052502	0.19077	1	1
CG7695	0.735463	-0.00084	0.563054	1	1
CG7691	297.1477	0.081148	0.143394	1	1
CG10864	1.103266	0.037054	0.539679	1	1
CG7685	207.289	0.194664	0.160781	1	1
CG12333	324.9172	0.014798	0.124774	1	1
Vha100-4	0.807139	0.133643	0.633979	0.457552	1
cona	776.7076	-0.36024	0.109022	1	1
CG14309	1.884761	0.066228	0.498277	1	1
Nup43	194.2865	-0.47661	0.174476	1	1
WRNexo	52.00957	0.415491	0.268253	1	1
hmw	3573.135	0.626357	0.08488	1	1
CG15803	15.00976	0.237878	0.362217	1	1
CG7126	1.295103	0.054211	0.52398	1	1
CG18600	416.4622	0.042406	0.113435	1	1
CG7131	7065.983	0.02174	0.082673	1	1
CG8064	167.6905	-0.76475	0.218613	1	1
CG14312	16.41174	-0.24259	0.380512	1	1
CG7142	18.12417	-0.14942	0.358079	1	1
Vps39	122.7935	-0.13111	0.187769	1	1
CG18599	10.78679	-0.21848	0.39489	1	1
CG7156	249.8559	-0.04778	0.145549	1	1
Mdh2	459.8748	-0.83681	0.144629	1	1
CG7168	127.9235	-0.45968	0.185024	1	1
Non3	553.8628	-0.3001	0.108812	1	1
mTerf5	150.6791	-0.45745	0.195098	1	1
CG7988	60.74468	0.399979	0.253484	1	1
CG14314	439.7512	-0.22221	0.125381	1	1
CG7985	79.1982	0.397825	0.235192	1	1
CG14313	0.169892	0.02982	0.611184	0.934191	1
CG12321	818.2517	0.455927	0.099828	1	1
Arp5	800.5564	-0.21136	0.101983	1	1
cdm	82.7702	-0.57193	0.24994	1	1
CG7218	1253.658	-0.16242	0.094638	1	1
CG7794	2909.976	-0.02415	0.084699	1	1
CG7785	29.14235	0.12061	0.297617	1	1
DNasell	10.98452	-0.40533	0.489748	0.637791	1
CG12347	503.4888	0.345197	0.118797	1	1

CG7379	332.1151	0.074658	0.131322	1	1
pasi1	157.8352	-0.08577	0.16674	1	1
CG43102	56.74935	0.081735	0.251633	1	1
Alg1	187.1426	0.050752	0.158026	1	1
TyrR	31.22897	0.712644	0.396019	0.670368	1
Odj	263.4634	-0.16122	0.140407	1	1
TyrRII	14.59629	0.227517	0.376046	1	1
CG17801	11.10435	-0.02782	0.354951	1	1
CG14321	10.5351	-0.53775	0.543319	0.423552	1
CG17802	32.04027	-0.02983	0.285531	1	1
CG17806	23.92281	-0.38262	0.354383	1	1
Pxt	12.81937	-0.16534	0.386847	1	1
CG7655	89.65762	-0.09392	0.210082	1	1
Mps1	161.7916	0.245462	0.174587	1	1
CG7523	117.5995	-0.37474	0.193119	1	1
CG14322	481.9855	-0.0561	0.127434	1	1
CG14325	0.292188	-0.04954	0.621123	0.77256	1
CG14327	0.169892	0.02982	0.611184	0.934191	1
CG14329	0.544056	0.000168	0.586047	1	1
CG5823	2445.237	0.079324	0.077095	1	1
CG14330	90.37306	-0.22651	0.209617	1	1
cysu	38.06956	0.633012	0.384071	0.817926	1
CG14332	1.884462	0.004882	0.487464	1	1
CG5866	3.472973	-0.0798	0.448981	1	1
CG5863	60.22883	-0.25076	0.27749	1	1
CG5860	459.4907	-0.32652	0.149691	1	1
CG17283	39.52322	0.547406	0.353671	1	1
sds22	665.5391	-0.0243	0.122653	1	1
lute	298.3572	-0.41381	0.143938	1	1
Brf	161.3976	0.029458	0.167227	1	1
CG31418	6.964698	0.013504	0.564342	1	1
beat-IIIb	1.286672	0.1116	0.558722	0.709048	1
Mur89F	11.01184	0.639202	0.653668	0.228161	1
CG5292	83.33803	-0.44809	0.235771	1	1
CG5285	17.86843	0.045935	0.322249	1	1
Det	175.5339	-0.19235	0.188538	1	1
m-cup	3735.548	0.297599	0.09487	1	1
TwdIW	3.931495	0.157786	0.503945	0.816379	1
CG5265	3253.882	-0.14569	0.078959	1	1
CG5255	3.184117	-0.14056	0.466699	1	1
CG5246	2.538173	-0.15517	0.539017	0.679936	1
CG4053	1.686957	0.229739	0.643164	0.343012	1
CG17475	0.498889	-0.07154	0.635914	0.618831	1
cal1	499.6271	0.463951	0.135862	1	1
GckIII	627.2398	0.032167	0.110668	1	1
Patr-1	348.321	-0.35306	0.141206	1	1
CG3995	87.80414	-0.82415	0.259273	0.936833	1
CG5220	252.4839	-0.01909	0.136299	1	1
CG18213	142.4483	0.631472	0.209009	1	1
CG4009	3.264149	0.154006	0.542449	0.669803	1

AdSL	125.7643	-0.01926	0.177729	1	1
CG8907	8.98949	0.232206	0.429092	1	1
Irc	349.6708	-0.45523	0.128304	1	1
Sf3a1	373.0514	-0.3016	0.161614	1	1
CG3534	172.9641	-0.4111	0.176551	1	1
CG17556	211.3675	-0.37599	0.164364	1	1
CG3678	198.5625	-0.2059	0.166296	1	1
CG18622	51.86776	0.197717	0.250004	1	1
VhaM9,7-d	460.701	0.104998	0.121611	1	1
CG14907	78.71861	-0.00038	0.219127	1	1
CG14906	76.18686	-0.27328	0.223646	1	1
CG10324	82.74646	-0.05719	0.209697	1	1
Arl6IP1	1225.642	0.337559	0.090832	1	1
CG14905	18.82541	0.633032	0.527548	0.411642	1
CG14893	2.538749	-0.16937	0.566401	0.567577	1
CG17560	20.31553	-1.17028	0.734477	0.075093	1
CG17562	74.64005	0.160507	0.238183	1	1
CG10340	553.113	-0.52126	0.122731	1	1
CG12783	329.2091	1.167724	0.169075	0.152898	1
Cad89D	14.55823	-0.1178	0.358886	1	1
CG10345	104.6903	0.167614	0.19759	1	1
Der-2	595.2982	0.52971	0.112154	1	1
CG14892	4.602334	0.035945	0.429555	1	1
Sdhaf3	133.4876	0.008162	0.17283	1	1
CG14903	111.9583	-0.74446	0.222974	1	1
CG14891	1110.686	0.918087	0.119022	1	1
CG14883	66.97956	-0.32859	0.253768	1	1
CG14882	92.37268	-0.73137	0.240917	1	1
CG14894	1314.904	-0.11797	0.085395	1	1
ema	458.2567	-0.14305	0.122852	1	1
CG17565	361.3236	-0.11072	0.129385	1	1
CG10317	2706.398	0.009854	0.082967	1	1
CG42446	840.7879	0.069666	0.094213	1	1
CG10311	96.43808	0.231847	0.211241	1	1
pad	39.71336	0.1117	0.267423	1	1
CG17930	48.3027	0.15465	0.264703	1	1
CG17929	2.27668	0.188434	0.566944	0.540939	1
CG6901	3.262096	-0.03409	0.468361	1	1
Mat89Ba	148.4739	-0.19446	0.174806	1	1
Mst89B	1488.859	0.491227	0.09712	1	1
CG6126	18.77514	-0.24288	0.360825	1	1
CG8927	142.158	0.31347	0.183072	1	1
CG8925	23.89652	0.660016	0.437858	0.607394	1
CG6006	68.68303	0.612183	0.313414	1	1
CG5916	75.02751	0.187202	0.230216	1	1
sxe2	3.485012	-0.10012	0.510663	0.930253	1
CG5013	105.4725	-0.05968	0.192839	1	1
CG10264	17.45865	-0.12725	0.364456	1	1
GATAe	1.629641	0.017298	0.496233	1	1
CG5516	395.3432	-0.12881	0.116234	1	1

CG4287	621.7756	-0.53257	0.111578	1	1
CG5478	343.932	0.149794	0.137448	1	1
Fbxl7	79.5285	-0.05564	0.215974	1	1
EndoU	44.10729	-0.27838	0.279352	1	1
CG14877	4.151456	0.148779	0.469639	1	1
CG31183	112.7917	0.001821	0.183409	1	1
Hmt-1	769.0418	-0.09045	0.097783	1	1
CG4546	12202.77	0.143702	0.069734	1	1
Pbp45	11.959	-0.07059	0.351523	1	1
CG4576	7.034498	-0.22896	0.446826	0.984492	1
alpha-Man-IIb	21.89649	-0.49365	0.397714	0.935989	1
CG9593	13.89661	-0.3883	0.458485	0.76965	1
Acyp2	769.5804	0.383806	0.109926	1	1
Uros2	1221.622	0.374606	0.106256	1	1
CG9590	526.5561	0.169215	0.111253	1	1
CG5614	6488.339	0.38152	0.072697	1	1
Ttc26	26.63152	0.329138	0.327981	1	1
CG5623	1173.573	0.048145	0.092137	1	1
CG12784	662.816	0.55852	0.123564	1	1
CG4520	1825.822	0.502142	0.090688	1	1
CG5404	11.75529	-0.09608	0.36967	1	1
AOX4	5.75683	-0.08949	0.439057	1	1
AOX1	1108.984	-0.03275	0.117226	1	1
CG5213	815.7249	0.316147	0.117797	1	1
obe	140.364	-0.10986	0.178233	1	1
Trissin	2.034616	-0.15725	0.533391	0.696831	1
B9d1	790.4328	0.080402	0.106843	1	1
CG6118	17.04782	0.574332	0.514439	0.471537	1
CG6171	294.0182	0.026576	0.128154	1	1
h-cup	2842.815	0.218687	0.08473	1	1
Atg4b	73.20044	-0.48695	0.24115	1	1
CG5038	37.72963	-0.15693	0.277355	1	1
CG6136	457.9996	0.205195	0.118515	1	1
Trs33	42.18148	-0.46723	0.29278	1	1
Ccm3	601.3585	-0.13852	0.104511	1	1
CG31301	340.2523	-0.29231	0.158425	1	1
CG14868	671.654	0.622202	0.110322	1	1
CG6218	1601.775	0.160189	0.091687	1	1
Sra-1	294.4162	-0.43266	0.140827	1	1
CG6276	173.4696	-0.03519	0.167691	1	1
CG14866	0.678288	0.029475	0.573657	1	1
l(3)neo43	231.6297	-0.04364	0.139602	1	1
MRG15	103.8104	-0.39624	0.209463	1	1
CG4338	34.9591	0.006374	0.281301	1	1
Zip88E	28.41336	-0.20688	0.299877	1	1
CG14864	977.3738	-0.15831	0.094433	1	1
Set	508.7353	-0.16881	0.124705	1	1
CG42404	46.9883	0.015429	0.251611	1	1
CG31344	84.50709	-0.07738	0.205686	1	1
CG12241	503.1622	-0.1111	0.113185	1	1

SIDL	108.4549	-0.15776	0.191895	1	1
Mau2	32.10705	-0.12519	0.291204	1	1
CG6752	3086.081	0.061896	0.104075	1	1
CG3987	0.847742	0.014206	0.546638	1	1
CG6974	57.11604	0.454212	0.277958	1	1
RpL10Aa	2207.744	0.148674	0.084978	1	1
CG14861	2184.808	0.544651	0.08054	1	1
Sdr	49.22672	-0.75199	0.342527	0.783709	1
RpS5b	1123.668	-0.66961	0.107789	1	1
VhaPPA1-2	275.2335	0.729756	0.17015	1	1
CG3817	174.1772	-0.85222	0.212085	1	1
Nup93-2	179.335	-0.09387	0.161946	1	1
CG14860	4.001415	-0.10765	0.440971	1	1
CG7265	189.8098	-0.9193	0.197788	0.87363	1
CG3610	2333.258	0.695345	0.080596	1	1
CG14857	5.914276	0.450207	0.634868	0.287124	1
CG14856	2.983488	0.069008	0.486413	1	1
CG14855	16.27594	0.218825	0.358836	1	1
CG7362	2063.524	0.074047	0.079509	1	1
BigH1	695.332	-0.29836	0.110082	1	1
Rad17	92.66967	-0.42488	0.222626	1	1
CG3505	65.63783	0.131202	0.252441	1	1
l(3)L1231	227.2371	-0.14829	0.156893	1	1
CG7886	8441.704	0.518753	0.111011	1	1
CG8066	105.1103	-0.11267	0.201464	1	1
CG14851	4.420796	0.239895	0.483546	0.789639	1
Pde6	180.8916	0.286118	0.187686	1	1
CG8461	108.5704	-0.05087	0.18944	1	1
HtrA2	1193.515	0.274565	0.096264	1	1
CG7966	19.30667	-0.40904	0.387195	1	1
Afti	782.1473	-0.16168	0.105417	1	1
CG11668	1.354906	0.093789	0.556315	0.771939	1
IFT54	24.91	0.240652	0.327128	1	1
CG8031	202.9444	-0.11313	0.159302	1	1
CG11656	1906.687	0.405442	0.080344	1	1
soti	3256.681	0.965561	0.087928	1	1
CG7488	181.9265	-0.43839	0.205731	1	1
CG9616	3.331236	0.329078	0.616984	0.34262	1
CG9624	2031.632	0.320941	0.077151	1	1
yellow-f2	21.00535	-0.32241	0.355622	1	1
CG9631	17.48402	0.244949	0.358054	1	1
CG31326	36.43866	-0.9027	0.385807	0.443192	1
CG9649	13.70286	-1.18462	0.679671	0.082719	1
CG7091	179.3189	0.668471	0.208009	1	1
CG3199	2611.812	-0.16558	0.091538	1	1
CG9722	615.6235	0.89607	0.118385	1	1
CG14384	604.3718	0.12639	0.109544	1	1
CG14355	8941.042	0.127851	0.093912	1	1
CG14356	4.212934	0.265193	0.508198	0.6625	1
Spc25	111.8624	-0.54361	0.220968	1	1

twf	344.8013	-0.42226	0.130019	1	1
CG14357	24.66185	-0.74695	0.46115	0.468021	1
CG10909	204.4557	1.005038	0.184991	0.589353	1
d-cup	259.6483	0.582507	0.154439	1	1
CG9920	12447.18	0.366753	0.069307	1	1
beat-Va	0.660115	0.023566	0.567431	1	1
CG9922	1445.047	-0.39943	0.102784	1	1
Ugt37A3	1.659238	-0.17646	0.570299	0.546537	1
CG3061	1665.642	0.152023	0.080781	1	1
Ugt37A2	0.169892	0.02982	0.611184	0.934191	1
Cyp6d5	950.4583	0.330854	0.113405	1	1
CG12279	412.8907	0.756215	0.145028	1	1
CG14391	976.3877	-0.05679	0.106822	1	1
CG9925	141.7954	-0.12506	0.179993	1	1
Cyp313a4	13.17469	0.054278	0.353957	1	1
Gnmt	79.09842	-0.37006	0.242209	1	1
Art6	167.8468	-0.43131	0.167383	1	1
Art9	74.25808	-0.0536	0.225539	1	1
CG6225	154.2716	-0.00348	0.173688	1	1
CG14362	460.1559	0.41196	0.144415	1	1
Dtg	14.9758	0.210808	0.363581	1	1
CG6753	12.72818	0.054294	0.365759	1	1
CG11608	3.150415	-0.00194	0.595092	1	1
CG9286	156.2499	-0.43255	0.179953	1	1
Cht5	6.406382	0.501851	0.602242	0.324499	1
CG9312	1.21401	0.190101	0.697606	0.291069	1
CG34383	53.26803	-0.03848	0.249838	1	1
Octbeta3R	19.26766	-0.07738	0.329905	1	1
Hsp70Bc	40.54183	0.025292	0.464581	1	1
Ubc87F	4222.858	-0.19896	0.093159	1	1
Adgf-C	9.298278	-0.17861	0.407225	1	1
CG5608	87.83009	-0.39297	0.217252	1	1
CG12267	58.23861	-0.20418	0.253603	1	1
CG14367	4.875198	0.041392	0.433474	1	1
trus	138.5034	-0.20817	0.179634	1	1
omd	488.0184	0.226484	0.112214	1	1
CG18549	100.0618	0.441263	0.212438	1	1
vrs	9731.978	0.748264	0.092769	1	1
CG9588	234.072	-0.27626	0.158983	1	1
Desat2	4.43075	0.226592	0.486428	0.791843	1
Task6	65.60712	1.02247	0.392378	0.295309	1
CG10841	5819.923	0.274286	0.084199	1	1
CG5844	1141.451	-0.12699	0.088797	1	1
Aos1	472.7735	-0.66367	0.133905	1	1
CG5245	19.73472	0.045577	0.320177	1	1
CG5641	672.3849	-0.53264	0.106995	1	1
CG14369	0.346774	-0.04453	0.618442	0.811314	1
NANS	11.07495	-0.16322	0.387297	1	1
CG14370	426.4753	0.343748	0.132078	1	1
CG17202	727.5834	-0.20094	0.105185	1	1

CG12538	0.140435	-0.00449	0.605571	1	1
pps	498.2925	0.112548	0.146383	1	1
Dip-C	334.6426	-0.02889	0.133564	1	1
yrt	326.2117	0.206622	0.15215	1	1
lr87a	0.78023	0.043237	0.562694	0.97921	1
Sccpdh2	180.561	-0.60305	0.180067	1	1
yellow-e2	40.02703	-0.04391	0.268996	1	1
Cyp9f2	155.8262	-0.13685	0.170797	1	1
yellow-e3	0.978956	0.027037	0.568086	1	1
GILT1	650.3147	-0.42262	0.136384	1	1
DNAIlg3	73.70995	-0.63536	0.2854	1	1
CCHa2	23.89489	-1.07877	0.541543	0.157436	1
CG9799	197.062	-0.40691	0.15878	1	1
GstD11	15.15715	-0.93302	0.613072	0.176093	1
GstD9	850.3111	-0.06138	0.103271	1	1
CheA87a	0.328713	-0.0258	0.610211	0.967581	1
CG4115	2.235612	-0.08387	0.516366	0.961231	1
CG10013	310.9857	-0.28519	0.14061	1	1
CG8773	1.090785	0.159958	0.68438	0.332069	1
CG17738	6.122158	-0.45543	0.6211	0.305698	1
CG3942	1906.088	0.581764	0.086128	1	1
Cyp313a3	4.210412	0.05339	0.473194	1	1
Cyp313a2	3.386398	0.181321	0.526725	0.682871	1
Cyp313a5	1.891085	0.482311	0.99838	0.080739	1
CG12256	0.657346	0.051421	0.581684	0.875003	1
CG3916	0.670188	-0.00634	0.576424	1	1
CG4702	27.34566	0.059668	0.291001	1	1
CG17404	2.700402	-0.09444	0.481647	1	1
CG8483	2.78212	-0.18981	0.506654	0.751078	1
CG10014	2645.912	0.055313	0.080446	1	1
CG4860	23.48539	0.085606	0.314522	1	1
CG14380	416.597	0.918847	0.156377	1	1
Cog1	500.8479	-0.11018	0.119283	1	1
CG14740	5570.039	-0.13275	0.069229	1	1
CG8508	1413.133	0.372523	0.090085	1	1
CG14739	2556.295	-0.03518	0.087792	1	1
CG8138	1251.828	0.673533	0.096482	1	1
CG4830	1.187156	0.226425	0.70362	0.265034	1
ssp5	8628.911	0.088751	0.073085	1	1
2mit	2.580675	0.074916	0.484677	1	1
pic	669.7926	-0.54383	0.120203	1	1
Spt3	62.86387	-0.11501	0.246764	1	1
DCAF12	510.9844	1.146245	0.141412	0.159772	1
Tk	2.433478	0.279719	0.65827	0.297645	1
CG12224	66.32625	-0.66277	0.276763	1	1
CG18547	54.21197	0.156998	0.238641	1	1
CG10005	12.35816	0.278903	0.402741	1	1
GC1	32.08065	-0.02769	0.274577	1	1
CG3281	144.7416	-0.17593	0.183788	1	1
CG14731	183.1003	0.958181	0.191337	0.747904	1

Dnali1	1742.906	0.578746	0.089551	1	1
mthl5	74.03893	0.022198	0.224429	1	1
CG6962	146.0169	0.01002	0.167857	1	1
sad	19.75486	0.691298	0.48223	0.468846	1
CG6959	103.5818	-0.52492	0.222815	1	1
prd1	453.9273	-0.85095	0.150188	1	1
l(3)neo38	53.84347	0.039882	0.240603	1	1
CG14722	500.157	-0.08479	0.126266	1	1
CG14721	1767.075	-0.2248	0.083049	1	1
CG12594	42.33911	-0.13743	0.270112	1	1
CG14718	7871.34	0.247628	0.090846	1	1
CG14717	1346.902	-0.24865	0.092194	1	1
CG6908	8.582853	0.034523	0.384171	1	1
CG6834	11.58559	1.024513	0.738339	0.09916	1
CG14715	143.0643	-0.26212	0.200428	1	1
Elp1	184.6038	-0.55718	0.172313	1	1
CG14712	1914.809	0.694869	0.119897	1	1
CG14711	2.407089	-0.15498	0.523554	0.738953	1
CG14710	72.51191	-0.60114	0.24992	1	1
CG5342	224.8199	0.122588	0.162581	1	1
CG6790	3315.986	0.554721	0.079374	1	1
Mrp4	61.90152	-0.07872	0.22698	1	1
CG10898	238.0938	-0.18388	0.142659	1	1
CG14708	650.3717	0.223772	0.10893	1	1
CG5281	168.7651	-0.01342	0.168858	1	1
Exd2	397.0622	0.126011	0.124026	1	1
CG5276	1833.097	-0.21404	0.103351	1	1
RpL24-like	706.6629	-0.16743	0.120645	1	1
Dtd	18.41484	-0.57393	0.434501	0.702848	1
ninaG	4.545887	0.094221	0.435629	1	1
CG6723	0.927732	-0.02153	0.555005	1	1
Ranbp9	1006.942	0.712545	0.105922	1	1
mgr	627.4889	-0.44503	0.105159	1	1
CG17187	50.95385	-0.19511	0.239817	1	1
GCC88	273.7845	-0.33837	0.137236	1	1
CG5214	3153.583	-0.24512	0.073098	1	1
CG17726	145.3512	0.00037	0.169401	1	1
scpr-C	14050.77	-0.86266	0.090785	1	1
scpr-A	8723.437	-0.91382	0.085811	1	1
CG6693	1208.849	0.007683	0.101412	1	1
scpr-B	2073.633	0.279216	0.27152	1	1
CG6689	74.11838	-0.39364	0.244925	1	1
CG31388	26.85057	-0.17325	0.30492	1	1
CG17721	154.5323	-0.09178	0.170354	1	1
ZnT86D	361.5504	-0.1509	0.132159	1	1
Arfip	353.9566	0.029474	0.130708	1	1
CG14701	22.74065	-0.37752	0.369857	1	1
SdhC	382.184	0.121336	0.132925	1	1
CG18577	4.241368	-0.62004	0.966255	0.081346	1
CG4757	8.436168	-0.90782	0.866981	0.082043	1

mAcon2	3008.105	0.505138	0.096532	1	1
CG6629	2010.189	0.10687	0.0809	1	1
Tengl4	1426.978	0.273015	0.089514	1	1
Leash	57.2657	-0.20664	0.251094	1	1
CG6621	87.71617	-0.49418	0.286946	1	1
CG14696	72.84424	-0.15701	0.221559	1	1
CG14695	6.643177	-0.15343	0.414127	1	1
CG4596	10.43341	-0.08914	0.361582	1	1
CG6574	73.501	-0.16398	0.220139	1	1
CG14694	141.286	-0.41345	0.18682	1	1
CG4570	29.0112	-0.52375	0.364354	1	1
CG4511	1386.04	1.075651	0.093433	0.285654	1
TTLL15	82.42703	-0.38751	0.234105	1	1
CG14692	1.366432	0.070036	0.545043	0.90379	1
CG14687	50.71811	-0.25208	0.247434	1	1
Art1	297.4438	-0.11063	0.136021	1	1
Desi	2.085898	0.021357	0.491539	1	1
CG45076	120.0155	-0.33989	0.203883	1	1
CG31272	6.412243	-0.09097	0.43402	1	1
tomboy20	3202.542	0.115135	0.077907	1	1
CG4073	1024.41	-0.21181	0.100636	1	1
CG14689	1840.736	0.34145	0.096195	1	1
CG14684	322.7047	0.508301	0.147734	1	1
CG6465	119.5593	0.14833	0.17956	1	1
Cyp12e1	25.66285	-0.10949	0.321926	1	1
CG6345	78.95609	-0.31966	0.222368	1	1
Rrp46	57.3088	-0.35046	0.263745	1	1
CG6325	405.933	-0.23534	0.119928	1	1
Rfx	301.1498	-0.10204	0.132707	1	1
CG18545	228.9958	0.779654	0.175018	1	1
CG12818	133.1289	0.489183	0.210082	1	1
Bruce	1427.514	0.368078	0.110118	1	1
CG6293	22.89986	-0.18073	0.323361	1	1
Sirt6	20.57567	-0.25563	0.348938	1	1
CG3999	9.813937	-0.18306	0.394855	1	1
CG42795	587.9905	0.438914	0.148231	1	1
CG12420	2.383475	0.120996	0.491084	0.960184	1
CG12814	262.9065	-0.28717	0.173979	1	1
CG6254	32.47297	-0.04385	0.278426	1	1
TAF1B	106.6041	-0.77884	0.22975	1	1
knk	5.42741	0.103269	0.455356	1	1
gammaSnap2	45.06439	0.157415	0.269196	1	1
Alp13	4.399797	0.452712	0.706861	0.208631	1
Npc2c	0.084946	0.016718	0.607437	1	1
Fancl	115.5579	0.024301	0.190083	1	1
ohgt	711.6267	0.307743	0.11691	1	1
CG12811	68.88314	-0.19781	0.234648	1	1
mtTFB2	45.55769	-0.13624	0.256355	1	1
CG11722	843.2063	0.152349	0.109303	1	1
CG3909	440.526	-0.13248	0.128593	1	1

CG5359	81.92462	0.343619	0.236525	1	1
eloF	1.24885	0.090291	0.544736	0.825379	1
Spn85F	4.734573	0.158236	0.460854	1	1
CG8534	0.683113	0.023097	0.555828	1	1
FBXO11	271.8369	-0.39151	0.164701	1	1
Art4	58.14985	-0.2738	0.250824	1	1
CG8526	6241.603	-0.26395	0.087604	1	1
CG9467	211.08	-0.41052	0.157351	1	1
CG8516	82.35778	0.367546	0.237067	1	1
CG8507	575.8885	-0.25943	0.108794	1	1
Teh1	31.82208	-0.16522	0.314534	1	1
CG9459	3.244325	-0.03316	0.458989	1	1
CG16904	201.9395	0.063693	0.185599	1	1
topi	599.0411	0.197694	0.117576	1	1
Whamy	55.25802	-0.02567	0.236577	1	1
CG9471	572.4093	0.309854	0.107838	1	1
Naa80	158.3968	0.0002	0.168394	1	1
Mpi	1204.202	-0.08118	0.098134	1	1
CG8412	116.9527	-0.14656	0.185932	1	1
CG16908	23.30994	0.190314	0.315081	1	1
CG12948	101.3027	-0.37811	0.214123	1	1
Pnn	119.9067	-0.4887	0.211938	1	1
side-VII	40.87789	-0.17947	0.287169	1	1
trbd	918.1685	-0.25636	0.102192	1	1
Unc-115a	261.072	0.771629	0.163843	1	1
CG9444	2.332563	0.089459	0.489667	1	1
nmdyn-D7	2124.211	0.252391	0.075743	1	1
p23	3124.778	0.081702	0.073495	1	1
Nep12	31.4368	0.201046	0.298465	1	1
CG9492	104.8476	0.828829	0.238945	1	1
Dh44	156.8089	0.047889	0.169271	1	1
CG8319	71.09923	0.016198	0.222968	1	1
CG9427	34.8152	-0.49764	0.343307	1	1
bocks	155.362	-0.27586	0.187196	1	1
P58IPK	592.0527	-0.13	0.112439	1	1
CG8301	13.27954	1.095584	0.796243	0.074863	1
Son	603.9525	0.47644	0.133139	1	1
CG9396	12.29231	-0.54097	0.532759	0.44557	1
CG16790	14.24413	0.003232	0.36548	1	1
CG16789	20.06066	0.105817	0.320366	1	1
Vps45	89.32883	0.134078	0.201335	1	1
CG9393	1831.292	0.008941	0.078501	1	1
AP-1mu	270.6633	-0.04329	0.138194	1	1
CG8199	74.1905	0.224494	0.225576	1	1
CG9386	22.88294	-0.22347	0.323095	1	1
RnpS1	466.5694	-0.17168	0.11921	1	1
by	112.5913	0.101646	0.205801	1	1
rump	1226.209	-0.2273	0.085019	1	1
CG8149	374.3643	-0.76057	0.147176	1	1
phu	8.289782	-0.45804	0.75933	0.169788	1

CG16779	12.06272	0.031826	0.368839	1	1
GstZ1	26.50399	-0.24718	0.325928	1	1
Task7	1.979914	0.098079	0.514004	0.922182	1
CG8132	51.23483	-0.30773	0.256047	1	1
CG16749	3.15782	0.134751	0.503434	0.867681	1
CG12951	0.44584	0.067902	0.623326	0.669974	1
CG8861	1.466658	-0.06012	0.522853	1	1
Vps16A	245.411	-0.42632	0.154874	1	1
ATP6AP2	1199.275	-0.23695	0.086274	1	1
lbf1	74.43256	-0.17209	0.249781	1	1
lbf2	392.0991	0.503666	0.128745	1	1
CG16736	240.6714	0.123099	0.143835	1	1
CG16734	161.8525	-0.36885	0.196581	1	1
St2	0.33439	-0.02249	0.607958	0.999153	1
CG8420	1239.528	0.455835	0.10673	1	1
Vps15	94.98993	-0.36749	0.206365	1	1
CG11997	0.343722	-0.02533	0.602612	0.989539	1
beag	354.3838	0.125473	0.140772	1	1
CG11977	4.828952	0.290603	0.568416	0.457841	1
Kdm2	138.963	-0.09912	0.193916	1	1
hyx	233.2394	-0.10045	0.163541	1	1
CG11975	113.1867	0.237151	0.194262	1	1
CG11986	320.8604	0.137059	0.137324	1	1
E(var)3-9	92.6278	-0.0418	0.199677	1	1
CG11970	177.7772	-0.01807	0.170112	1	1
CG11983	1100.553	0.166508	0.095999	1	1
RagA-B	134.7353	-0.00648	0.167783	1	1
lru	2513.754	-0.36803	0.084924	1	1
CAHbeta	19.89186	0.481782	0.399129	0.943166	1
Prosbeta3	1999.127	-0.00152	0.0741	1	1
ich	11.07095	0.271801	0.405259	1	1
CG11964	253.6288	-0.3833	0.151284	1	1
lscU	1079.969	-0.08173	0.098782	1	1
CG9837	9.359319	-0.40584	0.489553	0.638167	1
hng2	182.149	0.211843	0.179601	1	1
CG9839	26.87302	-0.04618	0.301748	1	1
CCT7	789.8023	-0.49828	0.096021	1	1
lr85a	29.49487	0.016812	0.293647	1	1
CG13318	5.289802	-0.14416	0.451106	1	1
CG8236	1255.388	0.421326	0.09281	1	1
CG8202	89.66442	0.099283	0.199802	1	1
M1BP	229.1654	-0.39223	0.147723	1	1
ranshi	20.08717	0.341185	0.363869	1	1
CG8159	17.61352	-0.18573	0.376565	1	1
ouib	43.76806	0.67245	0.32379	1	1
nom	45.29946	0.244473	0.272565	1	1
TMEM216	114.0976	-0.34397	0.205772	1	1
Cks85A	181.7733	0.023192	0.161031	1	1
CG11755	37.7385	-0.30835	0.289434	1	1
CG8043	3232.92	0.032889	0.081392	1	1

CG9773	152.6286	0.11778	0.166789	1	1
CG8032	131.1709	-0.03812	0.175837	1	1
CG11753	68.90834	0.015009	0.218341	1	1
SLIRP2	36.1164	-0.26776	0.277458	1	1
Cyp313b1	10.56035	-0.01621	0.379172	1	1
5-HT2B	9.286578	-0.25289	0.423268	1	1
CG11737	497.9595	0.250448	0.116277	1	1
CG7963	4.300044	-0.01742	0.436763	1	1
CG9684	279.9408	-0.45583	0.164694	1	1
Atg13	178.2701	-0.16498	0.168895	1	1
CG7352	643.2097	0.141786	0.119451	1	1
COX7AL	2173.813	0.086648	0.078563	1	1
CG9601	176.0048	-0.2294	0.16239	1	1
CG7443	30.37114	-0.48198	0.341911	1	1
Ctr1B	14.01941	-0.22717	0.368101	1	1
Coq2	206.7382	0.193678	0.164779	1	1
CG7483	571.4939	-0.46705	0.132906	1	1
tex	133.8902	-0.87662	0.204629	1	1
Sgt1	1114.538	0.680181	0.100391	1	1
nac	20.13787	-0.19452	0.346514	1	1
CG9626	64.36008	0.499364	0.303735	1	1
CG11672	0.933951	0.014632	0.544254	1	1
Nazo	6.677998	0.053898	0.406234	1	1
CG9630	90.12303	-0.36043	0.234473	1	1
Ada2b	204.6628	-0.1365	0.155943	1	1
CG18249	66.46333	0.38488	0.240419	1	1
CG7800	92.28565	0.217142	0.213837	1	1
Arl8	208.001	-0.27466	0.160392	1	1
CG9667	89.34215	-0.45807	0.228216	1	1
CG7878	852.0798	-0.28293	0.097534	1	1
CG2698	718.8066	0.51992	0.120134	1	1
CG7910	1146.805	0.140707	0.08889	1	1
PIG-H	79.61341	-0.15852	0.209534	1	1
mAChR-B	9.941139	0.285438	0.423538	1	1
ELOVL	20.9461	-0.1553	0.324475	1	1
Os-C	0.815126	0.040218	0.561597	1	1
CG10903	23.80808	-0.23289	0.341901	1	1
CD98hc	512.9571	-0.13933	0.113535	1	1
CG10445	43.5907	0.213562	0.275441	1	1
Pbp95	42.96988	0.011351	0.262446	1	1
CG2678	16.32903	0.094773	0.339391	1	1
CG10435	294.105	-0.05481	0.129987	1	1
CG2846	102.3038	-0.24273	0.206992	1	1
CG3223	545.8553	0.564357	0.13054	1	1
Taf7	247.6456	0.276546	0.161955	1	1
CG2767	315.4909	0.209341	0.134496	1	1
EMC1	1777.556	0.211873	0.084147	1	1
ArgRS-m	47.82641	-0.17233	0.251952	1	1
CG18268	417.8732	0.227606	0.139402	1	1
CG3014	182.0955	-0.07716	0.179831	1	1

CG2641	18.51451	0.097497	0.33974	1	1
CG10086	59.03193	1.004202	0.417541	0.289814	1
CG11286	890.2051	-0.1403	0.118704	1	1
CG10919	1400.962	0.452404	0.085643	1	1
pyd3	707.8847	0.16178	0.114029	1	1
CG2616	1447.532	-0.17441	0.092226	1	1
Mics1	3786.957	-0.14848	0.07386	1	1
CG14598	1.948688	0.174611	0.576693	0.531345	1
wa-cup	2553.071	0.406708	0.083901	1	1
lr84a	1.840265	0.062366	0.5088	1	1
MstProx	31.67892	0.248779	0.320148	1	1
CG10029	6.062171	0.013053	0.595478	1	1
CG10050	16.33827	-0.09387	0.342728	1	1
CG1227	38.23663	-0.23663	0.308426	1	1
CG10053	551.9719	0.036171	0.119798	1	1
CG1234	328.6504	-0.08539	0.130523	1	1
CG14607	0.61248	0.100901	0.632648	0.529838	1
CG1288	9229.059	-0.01563	0.068346	1	1
CG14609	3753.206	0.364307	0.0761	1	1
CG10055	1533.062	0.331143	0.088821	1	1
MAGE	128.4096	-0.12377	0.176757	1	1
Sas-4	118.3722	-0.44544	0.191958	1	1
CG2656	196.2803	-0.31531	0.163241	1	1
CG31248	16.86665	-0.19117	0.349447	1	1
CG10068	78.10729	-0.49551	0.232984	1	1
CG10098	171.507	-0.14133	0.170835	1	1
Dpck	265.6045	-0.31287	0.16503	1	1
Ufl1	714.8099	0.001258	0.105419	1	1
CG1965	108.9161	-0.17805	0.193512	1	1
CG1105	337.5188	-0.47549	0.130266	1	1
djl	7276.381	-0.08289	0.092165	1	1
CG1979	11475.16	-0.29905	0.072121	1	1
Ccp84Ad	2.108914	0.167651	0.572754	0.551839	1
Ccp84Ae	1.516404	-0.03179	0.515081	1	1
Ccp84Af	2.667462	0.090724	0.484426	1	1
Ccp84Ag	1.060886	-0.08101	0.568218	0.778485	1
twr	307.2338	-0.41743	0.136047	1	1
CG1307	580.741	0.025373	0.112719	1	1
Ass	1.363567	-0.03499	0.518722	1	1
sunz	971.8381	0.136594	0.114147	1	1
CG15177	2420.424	0.721436	0.092693	1	1
sowi	3766.808	0.379537	0.085629	1	1
glob2	1690.072	0.1526	0.083185	1	1
CG1138	884.6892	0.96026	0.116508	1	1
CG9727	227.2931	-0.57623	0.178373	1	1
CG1137	4651.594	0.293381	0.074337	1	1
CG1024	136.4776	-0.44727	0.196043	1	1
CG42564	30.68297	0.065678	0.491546	1	1
CG15185	99.26629	-0.82093	0.292678	0.81864	1
CG10286	172.841	-0.49676	0.183587	1	1

Neurochondrin	194.7719	-0.53137	0.187783	1	1
Zif	710.9503	0.184947	0.107528	1	1
Hr83	2.527751	-0.04303	0.493682	1	1
CG18048	61.2926	-0.24951	0.238072	1	1
SmD2	271.1381	-0.33497	0.160776	1	1
CG17919	343.4708	-0.57515	0.150634	1	1
CG10298	1479.935	0.199807	0.091122	1	1
CG17917	218.8912	-0.33232	0.185216	1	1
Osi20	10.18797	-0.0841	0.371434	1	1
Osi17	14.5087	-0.18646	0.374592	1	1
Osi15	0.146094	-0.0258	0.610211	0.967585	1
Osi14	2.137352	0.083505	0.545924	0.845852	1
Osi13	12.25349	0.479329	0.50639	0.543308	1
CG15597	2.032805	-0.00449	0.605572	1	1
Osi12	46.48303	0.460488	0.319921	1	1
Osi11	8.120617	0.14669	0.408698	1	1
Osi9	21.47261	0.573555	0.449364	0.653466	1
Osi6	152.3754	0.939085	0.241532	0.675311	1
Osi5	86.99564	1.236216	0.264107	0.121846	1
Osi4	0.19466	-0.00449	0.605571	1	1
Osi3	3.157085	0.041487	0.464849	1	1
Osi24	41.3607	-0.01316	0.263391	1	1
Osi1	0.92629	0.055915	0.568151	0.892452	1
CG1077	57.58168	0.94945	0.420451	0.339813	1
Vha14-2	644.3224	0.598283	0.108191	1	1
Gasp	34.77311	-0.02561	0.284282	1	1
CG15580	1335.277	1.127596	0.127338	0.179912	1
CG11459	1.289966	-0.25894	0.782295	0.184413	1
CG10280	0.723457	0.099974	0.610071	0.590109	1
ECSIT	76.28258	-0.46459	0.249563	1	1
CG14676	1144.039	1.138283	0.13126	0.161332	1
CG1208	24.85779	0.008448	0.302014	1	1
glob3	700.1872	0.174649	0.10374	1	1
CG2023	126.8925	-0.02005	0.175162	1	1
Hpr1	413.1572	-0.02305	0.11836	1	1
CG10979	316.9946	0.083888	0.138129	1	1
CG2046	1033.26	0.173675	0.094982	1	1
CG1218	113.0865	0.007233	0.185441	1	1
Rpn5	1689.411	-0.29777	0.082032	1	1
CG2091	69.92535	-0.56984	0.275707	1	1
Sym	286.7185	-0.35614	0.146826	1	1
CG1236	208.3386	-0.54181	0.16177	1	1
CG2100	1272.945	0.130544	0.09489	1	1
CG1239	66.50988	-0.35724	0.242708	1	1
CG2104	713.9745	0.017313	0.096092	1	1
Rab23	30.21571	0.077851	0.304782	1	1
CG2182	514.3468	-0.42836	0.110724	1	1
MED27	479.033	0.334139	0.125016	1	1
elm	637.4017	0.098918	0.102046	1	1
CG12170	269.7212	0.069186	0.148012	1	1

rev7	90.35597	0.029517	0.198353	1	1
CG2926	607.3289	0.033144	0.135764	1	1
CG12171	73.47117	-0.30393	0.223177	1	1
CG2931	378.0421	-0.01893	0.121849	1	1
RpL13A	2271.8	-0.5839	0.115653	1	1
CG14671	67.83638	-0.21039	0.254805	1	1
CG2911	36.7543	-0.7084	0.367937	0.767568	1
Snm1	54.88309	-0.25413	0.275219	1	1
asl	957.4452	0.140979	0.101967	1	1
mia	290.282	0.221588	0.154048	1	1
Hcs	100.799	-0.22172	0.206908	1	1
mRpL44	141.4147	-0.66982	0.19178	1	1
RpL35A	1581.419	-0.58948	0.113072	1	1
PEK	334.0468	0.044989	0.133142	1	1
CG1172	1108.224	-0.03645	0.096237	1	1
CG14668	1227.001	-0.22045	0.086619	1	1
CG1161	361.8843	-0.39582	0.124334	1	1
CG11999	289.9463	-0.24546	0.15056	1	1
Tim17b1	586.8591	0.631707	0.112573	1	1
Tim17a2	731.1644	1.230771	0.1342	0.039881	1
CG12173	235.5832	0.008947	0.14954	1	1
CG1113	5.740182	0.308708	0.52556	0.57097	1
rtp	1.27422	0.126335	0.568551	0.640046	1
Mms19	844.9284	0.039643	0.105511	1	1
Vps37B	195.9051	-0.05996	0.154798	1	1
Prosbeta2R2	679.2293	0.82616	0.119923	1	1
CG12590	16.84651	-0.23018	0.39662	1	1
CG12007	254.7877	-0.00292	0.147632	1	1
plh	1.568527	-0.01946	0.497409	1	1
CG14662	39.58817	0.830138	0.409999	0.487769	1
CG1124	41.61659	0.185634	0.286838	1	1
CG2016	2.666664	0.176758	0.572034	0.541281	1
CG14661	2.647358	0.290573	0.676314	0.2715	1
CG14658	2096.798	0.700962	0.096814	1	1
CG14657	216.9806	-0.14819	0.155565	1	1
BBS5	0.268107	-0.04679	0.619605	0.793673	1
ctrip	5383.59	0.479823	0.195452	1	1
CG17387	2257.266	0.543156	0.109117	1	1
CG14655	30.95722	0.18572	0.284456	1	1
atms	460.3739	-0.37403	0.114897	1	1
eIF3f1	521.2075	-0.23931	0.118891	1	1
spartin	113.1818	0.168423	0.198608	1	1
slx1	15.76727	-0.00212	0.325599	1	1
Mur82C	2.137628	0.037849	0.606488	0.888609	1
Fip1	221.2583	-0.43446	0.162667	1	1
CG14651	705.8108	0.799245	0.118986	1	1
CG14650	447.9503	0.108431	0.152594	1	1
CG1074	16.80995	0.124296	0.345363	1	1
lost	2990.274	-0.02194	0.084049	1	1
CG1103	255.6484	0.037684	0.136555	1	1

CG14647	120.5471	-0.33924	0.226951	1	1
CG9853	871.4735	-0.13379	0.095637	1	1
CG9855	298.4547	0.3993	0.151771	1	1
Syt14	78.98128	-0.08059	0.210119	1	1
CG14646	128.5103	-0.00368	0.180543	1	1
Cont	847.563	-0.03834	0.099935	1	1
Nep11	108.0548	-0.25422	0.204205	1	1
TwdIV	11.7759	-0.14809	0.384222	1	1
CG14644	1080.081	0.544319	0.095275	1	1
TwdIG	3.600737	0.079613	0.463409	1	1
TwdIF	1.363403	0.159041	0.626099	0.436368	1
CG14641	533.1445	-0.19989	0.112355	1	1
DhpD	100.854	-0.31205	0.203545	1	1
CG14636	31.61762	-0.28174	0.296883	1	1
CG12768	12.22048	-0.47791	0.476285	0.638152	1
BoYb	65.38253	-0.26972	0.243772	1	1
CG11131	1.099327	0.059482	0.544095	0.955375	1
Ssl1	96.10522	-0.42311	0.22718	1	1
CG13239	85.50506	1.352748	0.289462	0.057037	1
CG11226	1022.25	0.310226	0.104689	1	1
CG14448	1520.03	0.179819	0.104495	1	1
CG7369	82.73756	-0.44585	0.230635	1	1
l(3)04053	113.3643	-0.06713	0.183232	1	1
CG11367	69.00747	-0.28457	0.238137	1	1
CG14450	107.1874	-0.31291	0.207127	1	1
CG14451	52.94902	-0.35357	0.256041	1	1
CG11370	0.880587	0.052465	0.559766	0.937415	1
CG14452	38.02328	0.653479	0.397275	0.74285	1
CG14453	5.582111	-0.12446	0.416834	1	1
CG14456	580.6917	0.318891	0.110124	1	1
CG14455	5.289619	-0.06224	0.426133	1	1
CG14457	29.38943	0.940272	0.450406	0.312904	1
ND-B14,5AL	932.4431	0.218419	0.093458	1	1
CG11404	834.2084	1.063558	0.116872	0.386061	1
CG11425	4.205799	0.106264	0.452531	1	1
CG11426	118.964	0.017614	0.189116	1	1
CG11437	37.01975	0.491153	0.354323	1	1
CG11438	258.797	0.379065	0.163402	1	1
laza	22.36652	-0.02824	0.305472	1	1
SrpK79D	1970.927	0.62909	0.133756	1	1
CG11523	163.1891	-0.19677	0.179081	1	1
CG7130	79.00804	-0.30753	0.239034	1	1
CG7133	72.17728	0.037131	0.210411	1	1
CG7139	233.284	-0.10831	0.154737	1	1
CG14561	305.182	-0.32371	0.136484	1	1
CG7140	2456.84	0.030275	0.094077	1	1
CG7458	12.18793	0.062516	0.369068	1	1
CG14562	206.9167	0.033432	0.151753	1	1
DNApol-eta	48.37132	-0.27251	0.261444	1	1
SLC22A	10.10693	0.007942	0.370597	1	1

CG7148	281.3361	-0.57567	0.152961	1	1
CG14573	1.314262	0.082875	0.542247	0.861813	1
CG7414	7649.911	0.122506	0.087923	1	1
CG14568	4.377921	0.025853	0.433125	1	1
CG11396	513.944	-0.24063	0.123334	1	1
Acbp5	1.503916	0.240858	0.756997	0.208159	1
CG7407	115.1366	0.025703	0.199983	1	1
CG14569	2.450312	-0.05937	0.490512	1	1
CG11399	70.03534	-0.02459	0.241826	1	1
CG7370	0.292188	-0.04954	0.621123	0.77256	1
CG14570	1.455178	-0.0954	0.54139	0.820241	1
Pex14	209.97	-0.36502	0.175321	1	1
CG6576	1326.973	0.235346	0.099022	1	1
Rpb8	303.7696	-0.01637	0.139217	1	1
Pex16	70.4843	-0.25193	0.236696	1	1
CG6511	297.6161	0.626363	0.159672	1	1
CG14564	0.19466	-0.00449	0.605571	1	1
CG14565	0.19466	-0.00449	0.605571	1	1
CG4042	246.5709	-0.01488	0.137354	1	1
CG14572	0.993081	-0.16248	0.636883	0.410841	1
CG4074	48.22894	-0.2001	0.258549	1	1
CG14566	1.947914	-0.30182	0.755182	0.195632	1
CG13252	137.0772	0.161078	0.204571	1	1
CG14567	8.227148	-0.73344	0.762255	0.136646	1
Als2	168.5789	-0.12939	0.168529	1	1
CG11249	1298.112	0.085876	0.097394	1	1
CG13251	1.478412	-0.02277	0.502954	1	1
Cdc6	26.21827	-0.04352	0.305732	1	1
Cpr78E	2.624259	0.115562	0.489646	0.981942	1
CG13250	1.944856	0.001328	0.489566	1	1
GAPsec	51.67182	0.007835	0.258211	1	1
Rcd2	152.7915	0.193193	0.195206	1	1
S-Lap1	57489.73	-0.05157	0.074472	1	1
CG4858	105.1586	-0.28959	0.198809	1	1
CG4825	723.5236	0.41655	0.112224	1	1
CG5989	307.958	-0.43055	0.131688	1	1
MED1	463.2056	-0.50635	0.127989	1	1
CG5104	94.03632	-0.57879	0.222333	1	1
Nelf-E	416.7689	0.62116	0.13198	1	1
Alg11	224.3947	-0.06212	0.155536	1	1
mTerf3	39.55858	-0.19204	0.276826	1	1
CG7166	121.4904	0.899541	0.245194	0.777042	1
CG6638	29.92763	0.11444	0.282706	1	1
rhea	1075.898	0.893174	0.130659	1	1
CG5078	0.723457	0.099974	0.610071	0.590109	1
S1P	92.54835	-0.10613	0.199653	1	1
GstO1	682.2378	0.208344	0.109764	1	1
CG17637	1.660968	0.087479	0.542324	0.844393	1
CG18281	1.567161	0.132312	0.561515	0.648832	1
se	1.772646	0.111989	0.553063	0.727297	1

GstO3	335.2519	-0.02826	0.124181	1	1
ND-39	1948.058	-0.06405	0.085217	1	1
CRIF	311.3134	-0.42231	0.172367	1	1
CG6765	6.739821	0.126645	0.432036	1	1
CG7634	3772.164	0.031372	0.07233	1	1
CG6683	33.7777	-0.34055	0.324117	1	1
Pus7	118.0381	-0.43355	0.208467	1	1
CG7173	1.279168	-0.02541	0.540063	1	1
ZC3H3	140.7367	0.159432	0.189278	1	1
CG5955	7.534141	0.025729	0.397898	1	1
mag	1.448539	-0.12618	0.594017	0.567226	1
CG43163	15.76567	-0.07638	0.352529	1	1
COX8	301.3274	-0.48751	0.137766	1	1
atk	193.1143	0.668996	0.190446	1	1
CG6983	178.4841	0.131327	0.160698	1	1
Unr	217.8066	-0.26487	0.158603	1	1
VhaM9,7-b	451.3955	-0.10462	0.125346	1	1
CG5199	73.21055	-0.10441	0.221653	1	1
CG5910	42.06755	-0.36481	0.289609	1	1
SAK	830.5907	0.95962	0.111578	1	1
CtIP	231.0956	0.088688	0.143232	1	1
mtrm	36.12683	0.257864	0.30825	1	1
CG5262	66.86018	-0.17522	0.222985	1	1
Exo70	205.0775	-0.21674	0.155478	1	1
Oseg1	352.0479	0.312234	0.12986	1	1
Est-Q	45.28167	-0.00734	0.25225	1	1
CG5282	7.900599	-0.504	0.554623	0.412274	1
zye	3.045101	0.18158	0.546983	0.610812	1
CG13248	6.442898	-0.16315	0.445619	1	1
CG7120	326.4019	0.267905	0.139697	1	1
CG7519	133.8298	-0.29012	0.190967	1	1
CG7202	2873.367	0.27163	0.090054	1	1
Neu2	6.80102	0.086932	0.396533	1	1
RhoBTB	232.9699	-0.11202	0.148287	1	1
Alp1	4.687836	0.125943	0.476664	1	1
CG13247	4.885347	0.170889	0.477677	0.916148	1
CG5664	407.2475	0.433031	0.125834	1	1
Toll-9	6.163584	0.500931	0.645085	0.264554	1
GAPcenA	367.0347	-0.29241	0.129664	1	1
CG5665	1.124294	-0.0198	0.530364	1	1
CG7182	1557.087	0.144113	0.083119	1	1
rgn	280.7981	-0.55401	0.220676	1	1
kin17	423.1523	0.111092	0.116804	1	1
CG7083	57.29694	-0.17802	0.233128	1	1
sa	531.6532	-0.00688	0.115621	1	1
Pex2	21.74232	-0.32003	0.346867	1	1
CG12971	3.259045	-0.03695	0.447538	1	1
Rbbp5	339.0442	0.451682	0.134566	1	1
CG13670	2.35414	-0.11046	0.526594	0.831209	1
Cpsf6	448.8309	-0.23528	0.12606	1	1

ebd2	31.79558	-0.07788	0.275272	1	1
Spn77Bc	15.63903	-0.31956	0.382991	1	1
Spn77Bb	20.07111	0.141271	0.379018	1	1
CG7324	448.8891	-0.05538	0.128403	1	1
Sbp2	43.0545	0.241361	0.289681	1	1
Tsr1	276.8894	-0.05366	0.132169	1	1
CG7194	152.5797	-0.3058	0.181328	1	1
Rab26	5.174211	0.140422	0.454246	1	1
CG13671	64.95165	-0.04764	0.220578	1	1
CG7632	87.8214	-0.12269	0.202876	1	1
FRG1	135.1887	-0.41376	0.209095	1	1
Arl5	153.9945	0.037967	0.163359	1	1
CG7201	0.710695	0.027511	0.562849	1	1
Cpr78Cc	34.58695	0.198721	0.292921	1	1
gogo	30.87779	1.116814	0.496381	0.159502	1
cert	313.5215	-0.0925	0.152912	1	1
Cpr78Ca	0.986644	0.074395	0.551808	0.861019	1
pzg	181.0393	-0.50332	0.171541	1	1
CG9389	5843.198	-0.26403	0.098805	1	1
CG13813	12.60072	-0.04837	0.362111	1	1
eIF4E3	4308.268	0.304153	0.084788	1	1
CG12975	103.2569	-0.28839	0.215911	1	1
CG13678	1.276688	0.011932	0.523674	1	1
CG13674	0.291989	-0.00449	0.605571	1	1
CG17145	1.067025	-0.07712	0.562537	0.81287	1
CG10510	1691.173	0.765844	0.103037	1	1
CG8006	1795.827	0.248945	0.081888	1	1
CG7366	1756.494	0.343368	0.08462	1	1
CG6996	18.01407	0.584731	0.472676	0.573529	1
CG8005	47.24776	-0.36247	0.270364	1	1
CG7290	0.865176	0.055491	0.56226	0.913533	1
CG42337	2.418903	0.046043	0.489284	1	1
UbcE2M	855.768	-0.00057	0.104597	1	1
CG7387	2637.838	0.543889	0.082456	1	1
CG7298	37.76709	-0.31951	0.295556	1	1
MED24	63.04881	-0.22286	0.236943	1	1
CG10565	2499.6	-0.09393	0.083084	1	1
ICA69	399.8039	-0.03434	0.120605	1	1
CG42674	82.91584	0.950953	0.283956	0.550881	1
Uxs	248.9329	-0.30527	0.156998	1	1
CG7328	74.43088	-0.39875	0.243793	1	1
CG7335	1388.564	-0.03867	0.086253	1	1
CG10581	115.1945	-0.37302	0.210697	1	1
obst-J	91.672	-0.62245	0.238779	1	1
CG13676	7.431526	0.345149	0.501671	0.631398	1
CG10584	91.31088	-0.09463	0.213653	1	1
CG7365	0.272696	0.042244	0.616213	0.832444	1
mus301	98.79638	0.093174	0.212974	1	1
Pdss2	100.8422	0.015206	0.198875	1	1
CG12984	84.99073	0.099068	0.21389	1	1

CG14187	1.944985	-0.00339	0.495823	1	1
CG7504	108.7889	-0.4935	0.215611	1	1
CG7550	85.91577	-0.0272	0.222201	1	1
CG14185	0.576642	0.054649	0.586221	0.843748	1
CG14186	3.530252	0.025484	0.452172	1	1
Nulp1	2607.968	0.056567	0.085041	1	1
CG10587	2.963995	0.074871	0.477368	1	1
CG14184	122.9706	-0.21272	0.198138	1	1
CG11037	15.93841	-0.0007	0.506195	1	1
CG14183	4818.351	0.287023	0.086372	1	1
CG10588	837.9176	0.318031	0.105712	1	1
kug	137.0165	0.081675	0.193533	1	1
CG7565	51.06211	-0.35574	0.272418	1	1
Sems	8.887217	0.019153	0.500653	1	1
CG10589	3149.846	0.463011	0.08532	1	1
Tom20	2220.786	0.027881	0.074215	1	1
bip1	94.09919	-0.38403	0.235138	1	1
CG8038	70.69295	-0.08126	0.219863	1	1
CG32432	4.520815	0.067436	0.441295	1	1
schuy	3802.281	-0.27809	0.089756	1	1
CG8209	828.3832	-0.23094	0.10477	1	1
CG11456	59.74976	-0.49419	0.260343	1	1
hale	2040.913	-0.13571	0.092822	1	1
Su(Tpl)	1301.794	0.000107	0.116481	1	1
CG8042	5445.583	-0.20885	0.089243	1	1
CG7409	419.274	0.320198	0.163754	1	1
CG3288	2.023765	0.150337	0.538933	0.689207	1
Mi-2	667.4389	-0.05762	0.130193	1	1
exex	1.790978	-0.42397	0.945144	0.096065	1
CG14182	28.4894	0.048405	0.287695	1	1
Srp9	266.7053	-0.61213	0.168344	1	1
CG3618	313.4136	0.059298	0.126926	1	1
RhoGDI	399.741	-0.25707	0.137298	1	1
CG8111	262.2188	-0.10368	0.137083	1	1
HIPP1	393.5243	-0.15585	0.123725	1	1
CG8004	299.6712	-0.20956	0.15538	1	1
CG8281	64.11959	-0.95712	0.316379	0.479671	1
CG8492	0.80974	-0.17635	0.680604	0.32408	1
CG3634	128.1584	0.088475	0.180574	1	1
Grasp65	312.8514	-0.24545	0.132533	1	1
eIF4E5	4503.294	0.035345	0.066876	1	1
Spc105R	325.0595	-0.35552	0.136748	1	1
Pfdn6	1344.919	0.094212	0.093462	1	1
TORIP	173.0996	0.217677	0.180598	1	1
Mcad	2.248148	-0.01725	0.47907	1	1
Rpn1	1251.209	-0.06677	0.087038	1	1
CG3698	449.7597	1.113468	0.135615	0.230177	1
Mtr3	199.3655	0.207638	0.154509	1	1
CG14102	39.15863	-0.23161	0.281998	1	1
CG7492	743.489	0.197288	0.105031	1	1

PGRP-SD	5.648762	-0.26217	0.476955	0.796042	1
CG7506	141.2555	-0.69999	0.21021	1	1
tey	67.82625	0.14591	0.231542	1	1
CG7716	2638.592	0.417812	0.078051	1	1
CG14838	896.8328	0.527185	0.098363	1	1
CG8786	626.6325	0.16696	0.109511	1	1
CG14837	0.55027	0.0858	0.627368	0.588612	1
ms(3)76Cc	3857.961	0.06345	0.100983	1	1
l(3)76BDm	323.2269	-0.32384	0.134596	1	1
PIG-F	158.4771	-0.01957	0.162967	1	1
CG9372	40.17161	-0.40365	0.316981	1	1
CG7548	0.136348	0.016718	0.607437	1	1
CG8539	28.5193	-0.623	0.405629	0.751173	1
CG14100	53.03568	-0.25399	0.250422	1	1
Cyp316a1	28.80147	-0.20322	0.33222	1	1
CG9330	660.1001	-0.27417	0.105217	1	1
CG9231	401.9148	0.203558	0.144201	1	1
CG8543	10.92404	0.545316	0.509374	0.499828	1
CG9300	243.062	-0.22625	0.148303	1	1
ppk26	1.837165	-0.05123	0.498136	1	1
CG14835	2024.21	-0.02375	0.08022	1	1
Rac2	123.8456	-0.10365	0.193907	1	1
Cpr76Bb	3.149179	0.076439	0.480052	1	1
CG8560	981.84	1.03083	0.104689	0.555248	1
Cpr76Ba	1.262038	0.073661	0.537369	0.916821	1
CG18417	1.398769	-0.06482	0.532447	0.973632	1
CG9452	54.43376	0.087785	0.248136	1	1
CG8562	0.685827	0.094411	0.624666	0.568295	1
CG9451	171.3135	0.196606	0.166892	1	1
CG8563	3.477469	-0.15826	0.490149	0.879121	1
brv1	175.2626	0.584348	0.187696	1	1
CG8564	9818.661	0.255997	0.06675	1	1
SMSr	2307.145	-0.00072	0.084078	1	1
CG12519	3.720689	0.367723	0.657613	0.273747	1
CG14095	2.557227	0.056443	0.49356	1	1
Sec63	334.5183	0.16702	0.124999	1	1
Chd3	300.6208	-0.01183	0.131862	1	1
CTCF	103.1559	-0.40902	0.206247	1	1
ms(3)76Ba	361.8374	0.162548	0.135943	1	1
Cln7	198.7053	0.244939	0.15952	1	1
Gbs-76A	90.8888	-0.46263	0.232363	1	1
CG8602	332.2306	-0.54605	0.13934	1	1
CG14086	0.924847	-0.07244	0.561853	0.834811	1
Rint1	278.3731	0.001606	0.14496	1	1
CG14085	2.380211	-0.02387	0.488474	1	1
CG8607	17.6638	-0.27529	0.380532	1	1
Aldh7A1	79.40052	0.204043	0.216155	1	1
Max	159.4758	0.042898	0.166278	1	1
unc-13-4A	414.0607	0.351907	0.150948	1	1
mRpL21	166.0126	-0.46736	0.197967	1	1

CG14830	9.978023	-0.22463	0.423713	1	1
MED4	174.9452	-0.53392	0.190815	1	1
CG14082	4.330847	-0.03848	0.439915	1	1
Cdc27	1635.989	-0.12345	0.098339	1	1
Gem2	284.7081	0.46851	0.139706	1	1
mRpL50	180.5379	-0.56655	0.172864	1	1
CG14079	52.48927	0.098234	0.242789	1	1
RpL18	1807.818	-0.52625	0.123389	1	1
Naxd	196.7615	-0.74333	0.173137	1	1
BHD	107.4041	0.183575	0.189771	1	1
CNPYb	63.06468	-0.23506	0.246652	1	1
CG14829	0.734776	0.024372	0.560351	1	1
Sfxn2	107.0145	-0.29972	0.204195	1	1
Ugt316A1	122.0641	-0.27647	0.187989	1	1
SmydA-2	9.098883	0.101515	0.373822	1	1
CG3808	29.34392	-0.15032	0.29014	1	1
Acbp3	9.853534	0.079655	0.390083	1	1
Acbp6	18.89298	0.054091	0.312532	1	1
CG11619	13.23514	0.014076	0.344539	1	1
Acbp4	2.129908	-0.10246	0.498715	0.977172	1
CG14075	1.418742	0.120719	0.555169	0.696985	1
BBS1	31.24439	0.402059	0.358587	1	1
CG6836	96.43865	0.086074	0.214113	1	1
CG3819	2.50443	0.014399	0.460057	1	1
CG18223	414.3215	0.271239	0.12428	1	1
CG6839	2.30719	0.038656	0.475524	1	1
Cpr65Eb	0.44584	0.067902	0.623326	0.669974	1
CG14077	2359.841	-0.07035	0.083543	1	1
Ir75d	0.19466	-0.00449	0.605571	1	1
CG8641	38.54395	-0.94466	0.451157	0.308301	1
CG6843	128.6023	-0.0398	0.175989	1	1
arx	77.92469	-0.28706	0.23291	1	1
CG17744	1614.282	0.622362	0.100088	1	1
CG3902	45.22482	-0.56263	0.300853	1	1
NijB	1.017651	-0.13965	0.597369	0.531786	1
CG10063	1323.986	-0.24229	0.088639	1	1
Rad9	42.76153	-0.04337	0.257755	1	1
CG6885	0.364551	0.029819	0.611184	0.934194	1
CG9953	529.0749	-0.24837	0.118701	1	1
Mis12	172.0993	-0.05607	0.158098	1	1
Grx1	145.113	-0.28611	0.178729	1	1
CG12477	500.5456	-0.70139	0.138574	1	1
CG10064	2957.779	0.440722	0.091628	1	1
Dysb	14.88279	-0.04656	0.345678	1	1
Dic4	507.2397	0.412395	0.126557	1	1
CG10075	99.506	0.296248	0.204803	1	1
CG8519	80.01959	1.114635	0.285946	0.25785	1
CG6893	716.9607	0.516159	0.119977	1	1
CG9948	106.3921	0.013332	0.184751	1	1
Cyp12c1	12.72529	0.142473	0.381389	1	1

eIF4E4	4140.754	0.253251	0.075435	1	1
Chmp1	666.1407	-0.05694	0.111638	1	1
tow	19.50967	1.393545	0.632721	0.050411	1
CG14073	707.0674	-0.18609	0.128753	1	1
CG14820	2.758025	0.392453	0.760404	0.17716	1
zpg	59.60919	-0.66558	0.312602	1	1
Atg3	269.3581	-0.45316	0.141123	1	1
Nufip	51.87674	-0.36357	0.259839	1	1
bora	336.325	0.752821	0.165056	1	1
CG10103	275.4211	-0.24915	0.134828	1	1
Vps8	599.2355	0.162563	0.11607	1	1
MED11	57.38951	-0.168	0.237753	1	1
CG8549	1091.182	0.503215	0.097762	1	1
CG8270	108.4905	0.000203	0.207081	1	1
CG10147	12.72191	-0.2289	0.379747	1	1
CG18231	12.72224	-0.01289	0.49276	1	1
CG42747	4.233199	-0.01676	0.426952	1	1
CG18233	25.34978	0.365765	0.406315	1	1
CG18234	22.34456	0.026725	0.442217	1	1
CG13300	1.020402	0.024463	0.525389	1	1
CG10163	0.687444	-0.05424	0.575495	0.878384	1
CG7271	0.169892	0.02982	0.611184	0.934191	1
AstC-R1	5.120463	0.04271	0.456199	1	1
CG10226	139.3634	0.537459	0.221221	1	1
CG13299	1.155989	-0.10181	0.573736	0.688843	1
CG4306	372.7872	1.13362	0.167593	0.215603	1
CG8219	1023.015	0.711951	0.097651	1	1
CG13700	3624.431	-0.08771	0.079861	1	1
CG5103	2588.93	0.039162	0.096242	1	1
Sf3b6	537.8895	0.146998	0.110199	1	1
CG7386	327.6432	0.10784	0.139326	1	1
CheA75a	0.544058	-0.02808	0.590274	0.999673	1
CG7376	167.2655	0.37575	0.178414	1	1
CG13699	6.78058	-0.11654	0.421792	1	1
fmt	283.4843	-0.1892	0.144697	1	1
CG7330	2.620768	-0.12713	0.49821	0.910361	1
Prdm13	36.54487	0.217009	0.297893	1	1
Cpr65Az	1.322925	0.025588	0.521558	1	1
Cyp312a1	2229.461	0.504571	0.094449	1	1
RplIIC53	300.1651	-0.13746	0.132891	1	1
CG13698	151.2288	-0.31628	0.182647	1	1
CG5290	180.8011	-0.43008	0.169486	1	1
CG10467	56.27521	0.024483	0.250286	1	1
Wdr92	566.6083	0.530849	0.117591	1	1
CG10469	12.49172	-0.01175	0.352318	1	1
Prestin	198.1698	-0.19114	0.169757	1	1
CG13293	15.15184	-0.541	0.470341	0.613024	1
CG7402	2.823401	-0.06632	0.471622	1	1
ssp6	5.71609	0.127105	0.432388	1	1
CG16775	34.32682	0.261025	0.305589	1	1

CG6610	95.77939	-0.16467	0.207212	1	1
CG5506	0.268107	-0.04679	0.619605	0.793673	1
CG13295	45.70027	-0.4849	0.29435	1	1
CG7408	4.858194	-0.19414	0.460593	0.963682	1
CG6602	24.65277	1.371042	0.654041	0.052472	1
CG42269	0.981169	0.060989	0.549786	0.928148	1
TrpRS-m	7796.458	-0.09124	0.086496	1	1
CG7430	2764.649	0.127247	0.079421	1	1
MED19	364.0141	-0.09051	0.122709	1	1
CG10472	17.65825	0.611515	0.610138	0.284722	1
CG6592	0.929436	0.030345	0.543489	1	1
CG5567	49.54343	-0.01014	0.243418	1	1
Jon65Ai	4.159343	0.309062	0.573506	0.436988	1
Jon65Aii	0.818089	0.116154	0.650341	0.453922	1
Ir75c	3.319167	-0.10565	0.466413	1	1
Jon65Aiii	2.521353	0.134596	0.718655	0.297571	1
Ir75a	15.3228	0.19959	0.378532	1	1
Jon65Aiv	4.073746	0.06014	0.478197	1	1
Cln3	200.4233	0.540282	0.240458	1	1
CG6462	1.369638	-0.21668	0.699712	0.274019	1
CG5589	37.097	-0.27397	0.287877	1	1
NUCB1	803.1935	-0.25359	0.105717	1	1
Adgf-B	1597.898	-0.20212	0.085024	1	1
alphaKap4	800.7788	0.960185	0.106971	1	1
CG10479	30.4778	0.191676	0.290758	1	1
CG6034	9.260196	0.332717	0.481833	0.715242	1
CG7460	18.13062	0.109988	0.32344	1	1
CG6052	74.79342	1.242857	0.325003	0.124189	1
Crtc	147.479	0.031751	0.187037	1	1
CG7484	260.5974	-0.46462	0.151754	1	1
CG10483	130.7324	0.999084	0.210373	0.566311	1
CG7497	118.8775	-0.04295	0.183741	1	1
anchor	149.4953	-0.19981	0.177624	1	1
CG10486	115.4678	0.010605	0.182728	1	1
Vps60	1345.291	-0.06048	0.081968	1	1
CG5592	70.84743	0.289016	0.228845	1	1
CG7542	27.29151	0.06873	0.584754	0.778203	1
DNApol-epsilon58	124.0644	0.771758	0.239984	1	1
CG13287	1.058986	-0.18896	0.682663	0.311854	1
CG18586	0.66876	0.111599	0.637647	0.49198	1
Edc3	127.8129	0.196873	0.207081	1	1
CG7564	381.5292	-0.2558	0.130636	1	1
mad2	394.5194	-0.03278	0.121092	1	1
U4-U6-60K	128.9973	-0.01309	0.180589	1	1
kri	192.2927	-0.13073	0.159347	1	1
Oatp74D	27.64781	-0.03595	0.29798	1	1
Bre1	162.6863	0.039985	0.167277	1	1
qjt	413.8216	0.31436	0.14162	1	1
CG13733	2752.126	-0.01699	0.076012	1	1
Myt1	124.8517	-0.12837	0.181958	1	1

UQCR-Q	1475.747	0.248196	0.094099	1	1
Ppat-Dpck	13.59883	-0.07834	0.349629	1	1
CG7589	53.68035	0.737987	0.324024	0.877541	1
QIL1	310.6092	-0.1529	0.16094	1	1
lin-28	6.940625	0.139191	0.412461	1	1
CG18265	0.695792	-0.03559	0.585599	0.960205	1
Blimp-1	45.16143	0.260098	0.281517	1	1
Eaf6	284.9736	-0.1617	0.140542	1	1
CG12229	4479.123	0.097294	0.075694	1	1
TM9SF3	680.0674	0.18415	0.109893	1	1
CG10591	1.835421	0.01595	0.501796	1	1
Sec3	154.9137	-0.64315	0.180659	1	1
Alp9	1.652442	-0.06868	0.508353	1	1
Alp10	4.136136	0.152892	0.499095	0.847948	1
spo	0.583979	-0.00506	0.595724	1	1
CG13728	16.65957	0.278016	0.366827	1	1
l(3)psg2	170.6258	0.395154	0.214003	1	1
bc10	260.8874	0.209397	0.146758	1	1
sinu	158.9675	-0.53523	0.189313	1	1
Mip	6.610445	0.625026	0.74571	0.159315	1
brv2	167.1992	0.706137	0.183348	1	1
CG13285	224.2401	0.834081	0.157505	1	1
Lkr	8.633014	-0.00086	0.374513	1	1
CG13725	2283.635	-0.22099	0.083716	1	1
CG13724	3.81302	-0.03359	0.435821	1	1
blanks	2188.173	-0.71885	0.123953	1	1
CG4669	9537.349	0.070043	0.069711	1	1
ND-24L	893.215	0.794072	0.117252	1	1
CG14057	26.03985	-0.9905	0.465274	0.257756	1
CG4835	55.76527	0.195106	0.254777	1	1
CG13723	266.2327	1.120229	0.191442	0.257756	1
Papst2	75.51573	-0.48234	0.253626	1	1
CG6497	2113.399	-0.22638	0.081373	1	1
CG7707	1444.035	0.629758	0.095609	1	1
Ir64a	0.619389	0.079821	0.61591	0.641219	1
Pfdn4	568.9433	-0.37478	0.118723	1	1
CG4603	1107.759	-0.2255	0.101334	1	1
beg	113.3016	-0.34367	0.208823	1	1
Membrin	213.9415	0.099163	0.160972	1	1
CG10674	3.043953	0.00401	0.445636	1	1
Ilp8	22.7433	-0.67029	0.450676	0.562284	1
CG4611	241.3797	-0.32356	0.149583	1	1
Cyt-c1	312.9554	-0.57384	0.150783	1	1
Prpk	112.9625	-0.34472	0.205548	1	1
CG7724	9.052684	-0.25407	0.465381	0.858871	1
Fit2	79.33789	-0.28953	0.225729	1	1
CG6652	5932.063	0.498579	0.082684	1	1
CHMP2B	228.4743	0.030575	0.14762	1	1
CG10672	110.9309	-0.61765	0.250763	1	1
CG7728	176.4171	-0.55715	0.181017	1	1

Gdap1	12.70377	0.36496	0.437322	0.883754	1
CG3764	143.3186	-0.1684	0.19026	1	1
Gen	73.80286	0.360127	0.235497	1	1
ATPsynCF6L	1144.721	1.043281	0.110842	0.483541	1
CG17030	915.2342	0.362886	0.094942	1	1
Rh50	9.069291	-0.09677	0.390577	1	1
CG13704	14.38231	-0.52427	0.48379	0.583482	1
CG13705	16.8433	-0.29845	0.397973	1	1
CG13022	38.74788	0.753146	0.370663	0.690413	1
Dnah3	1593.057	0.775819	0.136275	1	1
CG13707	12.966	-0.17236	0.379297	1	1
CG13708	13.91778	0.147089	0.366302	1	1
LeuRS-m	75.51647	-0.42833	0.241901	1	1
CG7509	25.87344	0.395567	0.350636	1	1
CG9951	198.9287	-0.27431	0.169687	1	1
CG13029	358.0105	1.000824	0.171824	0.62804	1
CG13711	0.275948	0.042618	0.616394	0.829472	1
sinah	6586.445	-0.23171	0.07424	1	1
Zcchc7	459.6971	-0.39564	0.135475	1	1
CG12493	1302.773	-0.23415	0.128422	1	1
kud	99.97442	-0.36372	0.233619	1	1
CG15876	293.4269	1.183143	0.19201	0.148475	1
CG13024	9.608075	0.345943	0.463751	0.780784	1
CG18418	2011.032	0.653095	0.088872	1	1
nudC	2046.343	0.587767	0.08402	1	1
CG7514	1189.401	-0.18474	0.091045	1	1
CG13025	87.73392	-0.13896	0.199578	1	1
CG9701	49.40758	-0.49136	0.327114	1	1
HDAC1	139.1035	-0.61922	0.201348	1	1
PGRP-SB2	0.881416	-0.02564	0.549647	1	1
CG11357	334.5909	0.445153	0.12796	1	1
CG13026	0.084946	0.016718	0.607437	1	1
CG13032	3567.884	0.391743	0.082261	1	1
CG13722	1.252979	0.280429	0.760469	0.196152	1
CG4101	9.819264	-0.05539	0.371834	1	1
spd-2	365.0306	0.22851	0.129684	1	1
CG15023	14.3694	-0.43885	0.517773	0.530583	1
UQCR-C2	1659.438	-0.10703	0.088127	1	1
Rpn12	312.7037	-0.66913	0.174125	1	1
CG4229	2.447813	0.040568	0.486269	1	1
CG13033	4.166476	0.056356	0.426237	1	1
CG15021	0.820787	0.120366	0.606971	0.546346	1
CG15020	6.863702	0.321916	0.483103	0.718049	1
CG15019	217.2783	-0.39123	0.158007	1	1
DopEcR	7.360245	-0.0327	0.405818	1	1
CG11342	49.11229	0.158583	0.261169	1	1
TyrRS	321.6369	-0.20432	0.12925	1	1
GluRS-m	36.80094	0.316677	0.283791	1	1
TMS1	847.4283	-0.09777	0.09307	1	1
Cip4	190.7463	-0.16952	0.163487	1	1

CG15014	504.5635	-0.57508	0.138248	1	1
Gagr	21.26557	-1.10546	0.536233	0.148095	1
Fdx2	337.1912	0.22012	0.131871	1	1
roq	319.6409	-0.36757	0.154881	1	1
CG1316	838.9376	-0.26456	0.093651	1	1
srw	0.948926	-0.06784	0.553524	0.883446	1
CG4842	0.835358	0.029222	0.5474	1	1
Cpr72Ec	4.804799	-0.46391	0.654288	0.25994	1
Ctl1	184.1002	0.002124	0.163646	1	1
Cpr72Eb	5.672888	-0.86199	0.996716	0.062508	1
CG1273	9.560608	0.136481	0.379553	1	1
Cpr72Ea	0.989496	0.04575	0.557967	0.979711	1
ringer	84.03286	0.745384	0.280055	1	1
CG11586	417.5688	0.229811	0.132508	1	1
Tcs3	44.03298	-0.19737	0.277857	1	1
CG1309	1035.648	0.303659	0.095858	1	1
Golgin104	420.9612	-0.29264	0.124617	1	1
CG15011	130.343	-0.6482	0.200707	1	1
CG4998	1.140013	0.211936	0.719877	0.253455	1
CG1265	211.6331	-0.22883	0.157085	1	1
CG13058	0.867637	0.042941	0.551143	1	1
CG13039	137.8088	0.569009	0.212139	1	1
CG13040	34.07015	0.713624	0.389509	0.689088	1
Cpr64Ad	0.294614	0.008289	0.605317	1	1
CG13059	1.492458	0.016756	0.50003	1	1
Cpr64Ac	0.279605	0.016717	0.607437	1	1
CG13060	1.000361	0.078041	0.577808	0.759682	1
Cpr64Ab	0.428536	-0.02891	0.604251	0.958495	1
CG13041	1.031625	-0.00413	0.533762	1	1
Cpr64Aa	0.640499	0.095238	0.611703	0.599875	1
CG13062	0.459113	-0.0403	0.605116	0.875827	1
CG15005	2.820214	-0.03687	0.48307	1	1
CG13063	9.536436	0.510582	0.53943	0.443389	1
CG43367	124.8382	-0.0732	0.180309	1	1
CG13043	4.813106	-0.1631	0.438787	1	1
VhaM9,7-c	84.80486	-0.33324	0.224722	1	1
CG4982	0.140435	-0.00449	0.605571	1	1
CG13068	1.082867	-0.12661	0.628346	0.482474	1
Teh2	4.425415	0.384195	0.654614	0.274036	1
Teh4	8.126019	0.143562	0.421645	1	1
CG14990	52.19481	-0.02499	0.236634	1	1
CG4962	1.323817	-0.11026	0.585188	0.630215	1
CG4950	51.44939	1.02485	0.378372	0.305729	1
Ero1L	730.1853	-0.24783	0.107717	1	1
CG14989	1.617435	0.070172	0.543709	0.908053	1
CG13045	4.573549	-0.09875	0.452873	1	1
CG13070	4.009994	0.364366	0.692935	0.235482	1
Dpy-30L2	3585.469	0.41126	0.081152	1	1
CG13046	1.238583	-0.08448	0.543507	0.851061	1
CG1136	33.87053	-0.69576	0.377516	0.753392	1

CG13054	0.586802	-0.03774	0.577866	0.967747	1
CG1299	7.504063	0.212142	0.421811	1	1
Rcd5	656.3309	0.14706	0.105582	1	1
CG11593	162.7119	-0.09174	0.168141	1	1
Chd64	1428.26	-0.16107	0.093789	1	1
CG13050	1.447401	-0.02617	0.510348	1	1
MED10	265.1902	-0.31995	0.177452	1	1
Ack	1255.42	-0.00439	0.104444	1	1
CG13065	3.568842	0.180269	0.511288	0.745864	1
PDCD-5	246.3798	-0.0177	0.140203	1	1
CG13067	12.00397	-1.03473	0.774821	0.08797	1
CG5027	156.0257	-1.00927	0.212585	0.532323	1
l(3)72Dn	64.32586	-0.28682	0.248925	1	1
CG14985	24.57105	-0.19253	0.314071	1	1
CG14984	316.8654	0.682609	0.158488	1	1
CG5157	1.327942	-0.04104	0.509209	1	1
CG14983	200.6021	0.139644	0.155135	1	1
CG10853	2.870623	0.101061	0.501121	0.970366	1
Trs20	81.10299	-0.23887	0.227702	1	1
CG14982	50.16278	0.572062	0.307446	1	1
Strumpellin	166.0076	-0.17261	0.176732	1	1
CG10863	951.3459	-0.85155	0.109273	1	1
CG12766	32.98705	-0.61656	0.351679	0.976558	1
IntS9	65.14842	-0.26094	0.231018	1	1
CG10866	295.5352	0.356884	0.147483	1	1
IleRS-m	35.71231	-0.50082	0.326495	1	1
ATPsynbetaL	1234.932	-0.3426	0.084459	1	1
ida	180.2553	0.213064	0.167393	1	1
Sc2	766.743	-0.24746	0.103915	1	1
CG13074	34.25228	-0.00282	0.271276	1	1
Ccz1	244.6044	-0.02996	0.140452	1	1
CG14977	104.5551	-0.18564	0.220272	1	1
CG5235	29.48852	0.403188	0.335466	1	1
Tasp1	218.9092	-0.00949	0.161453	1	1
CG13075	22.27087	0.506445	0.390038	0.956117	1
CG32262	1729.938	0.011696	0.080092	1	1
IntS10	146.5915	-0.25039	0.191429	1	1
ntc	3237.216	0.148235	0.085094	1	1
CG5895	3.215212	-0.09661	0.468918	1	1
mib1	318.4727	-0.15626	0.136903	1	1
ppk27	0.442588	0.067327	0.62329	0.672689	1
CG5830	118.0888	-0.23808	0.193435	1	1
Hip14	81.67553	-0.57472	0.247812	1	1
CG17027	6.278495	-0.07341	0.41341	1	1
CG10862	2601.646	0.242859	0.082364	1	1
CG17028	8.682473	-0.09808	0.404213	1	1
CG17029	43.96588	-0.38164	0.302102	1	1
CG17026	25.44366	0.108358	0.305368	1	1
CG10516	195.6393	-0.5199	0.170762	1	1
CG42324	67.83122	-0.0277	0.242142	1	1

l(3)72Ab	272.4152	-0.29775	0.149285	1	1
CG17032	117.1703	-0.58424	0.220332	1	1
elgi	528.6576	0.225862	0.114649	1	1
CG14971	267.4091	0.31467	0.145352	1	1
armi	449.381	-0.17976	0.118164	1	1
GXIVsPLA2	125.6944	0.024752	0.181163	1	1
sff	8.674746	0.165544	0.418946	1	1
lds	11.66203	-0.07297	0.366906	1	1
CG12012	128.8638	-0.25451	0.196675	1	1
CG14969	305.7649	0.157722	0.139324	1	1
CG15715	711.9574	0.062755	0.100083	1	1
CG14961	8.874307	0.118401	0.390527	1	1
CG18081	518.3913	-0.18537	0.121008	1	1
CG12713	203.8855	0.052639	0.150248	1	1
CG13445	1.530159	0.030427	0.511347	1	1
comm2	11.32991	-0.28374	0.412939	1	1
Pgant8	3.304912	0.03906	0.445843	1	1
CG7579	2.05428	-0.00909	0.596846	1	1
CG12009	42.40017	1.392125	0.471886	0.05846	1
Eig71Ek	0.695284	0.030466	0.56486	1	1
Eig71Ej	0.782371	0.134804	0.652414	0.417817	1
Eig71Ei	1.088111	0.000476	0.550102	1	1
elF1	3230.813	-0.28163	0.077027	1	1
nSMase	1041.293	-0.10394	0.088907	1	1
CG7372	414.7545	0.395716	0.13953	1	1
CG13449	1235.268	0.343309	0.09662	1	1
CG7650	241.1636	0.074223	0.146414	1	1
gry	322.8863	-0.20927	0.149649	1	1
CG14966	130.0989	-0.0026	0.184517	1	1
CG14965	97.52905	-0.3926	0.216181	1	1
CG14958	37.9944	-0.05971	0.260919	1	1
CG14957	1.096477	0.036953	0.543675	1	1
CG12301	154.8341	-0.27667	0.169275	1	1
mrn	263.8929	-0.12823	0.145312	1	1
CG14964	15.73243	-0.63618	0.575665	0.32599	1
CG16979	2718.667	0.058182	0.080589	1	1
CG14963	6.457121	0.261754	0.480395	0.780964	1
dop	919.9236	-0.4042	0.133878	1	1
Asciz	97.54976	0.15747	0.229881	1	1
SCCRO	818.7244	0.176838	0.099683	1	1
CG7739	329.6699	-0.09407	0.128981	1	1
ND-30	949.2704	-0.08938	0.097202	1	1
Alg2	130.7875	0.001307	0.185007	1	1
yellow-k	10.22847	0.182561	0.39906	1	1
CG13454	0.871355	0.172049	0.642947	0.389014	1
CG7841	1428.133	0.484264	0.090114	1	1
CG7857	577.6128	0.184202	0.116408	1	1
Cht7	0.450761	0.032667	0.60474	0.929651	1
CG7272	96.16178	-0.17331	0.204322	1	1
CPT2	60.2585	-0.1432	0.245348	1	1

Prp31	461.0999	-0.12107	0.116963	1	1
CG7275	160.8192	-0.1124	0.164835	1	1
CG32486	738.3683	0.380497	0.111092	1	1
Msh6	314.1817	-0.02209	0.130748	1	1
CG13455	1385.539	1.067894	0.100184	0.339514	1
CG9970	1748.389	0.866077	0.098812	1	1
CG16753	108.6351	-0.16221	0.197273	1	1
FucTA	3.674702	0.215013	0.536985	0.604429	1
CG7804	1207.703	-0.14014	0.086641	1	1
spz5	22.53075	-0.31203	0.343534	1	1
Pex3	1128.453	0.743121	0.107507	1	1
Sk2	252.6266	-0.50673	0.148145	1	1
scramb2	204.9967	-0.45848	0.169802	1	1
CG2162	926.9691	0.660417	0.097407	1	1
Tet	93.1044	0.346723	0.232467	1	1
Cep135	733.6041	-0.0827	0.102095	1	1
CG6888	1337.748	1.133154	0.109999	0.132779	1
FMRFaR	2.343318	-0.06837	0.500312	1	1
CG7011	68.08147	-0.12769	0.24174	1	1
CG13458	48.17216	0.098626	0.252983	1	1
Atg2	379.528	0.256885	0.156829	1	1
CG2113	3071.677	-0.33023	0.085456	1	1
CG6878	750.9171	1.044205	0.11883	0.481738	1
CG12093	117.1841	-0.69677	0.234128	1	1
Ahcyl1	454.6111	-0.0974	0.11552	1	1
sstn	281.1703	-0.12066	0.15721	1	1
Non2	1036.227	-0.12493	0.095471	1	1
Fife	16.75667	0.077918	0.336537	1	1
CG13460	4.32453	0.743761	1.092136	0.055812	1
EACHm	143.1351	0.950996	0.224578	0.683601	1
CG18649	75.76807	0.652906	0.262163	1	1
CG13461	1.50058	-0.38678	0.899401	0.112243	1
CG18581	4.980245	0.048362	0.419741	1	1
ProRS-m	63.06277	-0.26354	0.239729	1	1
CG1246	11.81154	0.036975	0.35644	1	1
CG1143	62.58155	0.389657	0.253174	1	1
CG14949	6.713021	0.184699	0.435422	1	1
Reck	26.0499	-0.15465	0.299749	1	1
CG16986	222.9097	0.088577	0.141769	1	1
CG5114	341.1561	0.434602	0.12859	1	1
CG12182	60.67957	-0.67368	0.296738	1	1
CG3349	2.010363	0.084419	0.524076	0.92703	1
CG16985	38.99742	-0.12382	0.268488	1	1
DCX-EMAP	20.13703	-0.03045	0.314269	1	1
CG16984	8.197549	0.465322	0.539035	0.462508	1
gnu	7.171458	-0.17341	0.434252	1	1
Tdrd3	288.445	-0.62683	0.151385	1	1
bmm	352.9421	0.366484	0.152908	1	1
Cyp4d20	49.69755	-0.05924	0.23833	1	1
mop	481.239	0.04741	0.11405	1	1

CG16762	0.912824	-0.04385	0.546656	1	1
CG17173	88.90518	1.224719	0.262754	0.131711	1
CG9384	56.99964	-0.39378	0.256835	1	1
CG13471	1128.725	0.547687	0.098554	1	1
CG15877	60.64667	-0.07647	0.22887	1	1
CG13473	1097.923	0.088985	0.093407	1	1
CG9004	172.6994	-0.42143	0.170549	1	1
CG8993	311.0102	-0.30632	0.153477	1	1
CG1317	2832.177	0.234719	0.097966	1	1
CG13474	72.73527	0.839567	0.304349	0.738914	1
CG13801	97.94177	1.235627	0.259238	0.121073	1
goddard	2261.3	0.288561	0.097715	1	1
MsR1	1.444969	-0.05027	0.514494	1	1
CG5048	4081.627	0.777619	0.087071	1	1
CG4914	1.95909	0.209153	0.600513	0.436508	1
yellow-g2	0.331008	0.016717	0.607437	1	1
CG13806	57.35549	-1.22347	0.323597	0.138374	1
CG4613	3.455441	0.131667	0.502632	0.878689	1
CG9592	452.7353	0.380766	0.136615	1	1
ecd	242.7976	-0.26296	0.152274	1	1
CG13807	165.0748	-0.26043	0.166623	1	1
bbg	377.616	0.092743	0.146738	1	1
oxt	318.9905	0.006602	0.136645	1	1
CG2034	833.7251	0.252678	0.102049	1	1
CG3919	342.65	-0.03541	0.144852	1	1
CG3868	12.6795	0.208038	0.377797	1	1
CG13482	8.891523	-0.37999	0.501787	0.610805	1
Oseg2	2.804308	0.068589	0.478608	1	1
CG7906	1.988369	0.069384	0.507155	1	1
CG15878	1529.243	-0.03166	0.092592	1	1
CG7924	1.303351	0.17409	0.612513	0.446072	1
nan	12.46516	-0.30726	0.41632	1	1
CG13810	3.876768	0.258984	0.552533	0.518753	1
CG15820	2.791187	0.328486	0.706421	0.230057	1
CG15879	4.284503	0.092667	0.435748	1	1
CG15822	216.8783	-0.03665	0.17316	1	1
CG13484	90.02769	-0.32892	0.229486	1	1
CG6833	223.3386	-0.02009	0.157711	1	1
Neurl4	936.086	-0.43425	0.13241	1	1
CG1139	2.703037	0.450163	0.933446	0.098161	1
CG6650	793.9731	0.434426	0.106252	1	1
CG11815	965.446	0.780353	0.104368	1	1
CG1927	354.0833	-0.35469	0.129157	1	1
upSET	744.9425	-0.01976	0.130222	1	1
mv	178.5497	0.465563	0.227468	1	1
Cnb	297.7198	0.266314	0.135078	1	1
CG17359	33.19103	-0.37205	0.308844	1	1
Mfap1	229.6215	-0.33528	0.146343	1	1
CG17361	35.11701	-0.21096	0.28672	1	1
CG5687	172.1811	0.376834	0.176512	1	1

CG9040	0.169892	0.02982	0.611184	0.934191	1
CG17362	0.61157	-0.09499	0.616511	0.587866	1
dsb	57.77824	1.319884	0.381381	0.082869	1
CG13738	1.885434	-0.23514	0.620038	0.378676	1
CG13924	3.923423	0.19916	0.520477	0.682432	1
CG12025	461.3167	0.182349	0.129967	1	1
CG8833	268.7857	-1.1207	0.162918	0.240884	1
CNMa	15.74533	-0.21677	0.351695	1	1
Cpr62Bc	1.196856	0.005698	0.531963	1	1
Cpr62Bb	2.04488	0.018288	0.493061	1	1
CG8745	44.19122	-0.05596	0.272086	1	1
CG8757	0.140435	-0.00449	0.605571	1	1
Oseg4	23.86624	0.08413	0.302662	1	1
CG10710	4.975514	0.033911	0.433883	1	1
CG10116	4.162775	0.466166	0.713317	0.20146	1
CG12020	1228.215	0.169919	0.092393	1	1
CG12035	1127.203	0.833279	0.116794	1	1
JMJD7	120.7083	0.225219	0.192291	1	1
mRpL46	135.5435	-0.55234	0.208017	1	1
CG18171	2214.055	-0.04766	0.097912	1	1
Vps36	274.6148	-0.26267	0.145791	1	1
CG2021	118.4331	-0.22686	0.197359	1	1
Spt20	102.2327	-0.30779	0.206902	1	1
CG14109	20.57192	-0.15343	0.323691	1	1
CG12018	174.5224	0.264719	0.164837	1	1
CG7991	12.67185	0.142824	0.377724	1	1
CG10140	0.444104	-0.04872	0.613025	0.800408	1
CG13933	78.1245	-0.08421	0.205166	1	1
Abp1	169.8111	-0.95829	0.208674	0.700885	1
CG10725	1.74393	0.362008	0.869922	0.124967	1
CG10154	1.263421	0.024574	0.520113	1	1
CG12011	4.373528	0.050127	0.453775	1	1
CG10713	13.41189	0.177867	0.360498	1	1
CG13930	0.530314	-0.05353	0.607441	0.788271	1
CG14105	0.613996	-0.01362	0.572696	1	1
RabX5	0.19466	-0.00449	0.605571	1	1
CG14106	665.0131	1.022861	0.126999	0.591144	1
CG7974	273.6093	0.39923	0.142242	1	1
CG10222	27.6611	-0.1045	0.293834	1	1
Poc1	1243.362	0.701182	0.093086	1	1
Vta1	239.4006	-0.20769	0.153976	1	1
CG13920	15.55688	-0.15145	0.35158	1	1
CG14110	0.275948	0.042618	0.616394	0.829472	1
CG17249	87.10112	-0.6041	0.236863	1	1
CG14107	18.85871	0.216414	0.345024	1	1
CG14111	22.72684	-0.10677	0.308228	1	1
CG13919	23.08736	-0.26531	0.340175	1	1
CG13928	92.99346	0.088236	0.199563	1	1
CG17687	470.1292	0.651912	0.142316	1	1
snky	378.3201	0.538129	0.136701	1	1

CG13926	5.741548	0.189517	0.447873	1	1
CG11251	1395.568	0.178572	0.095567	1	1
CG12105	10.3246	0.120489	0.380732	1	1
CG17300	1541.158	0.046868	0.100534	1	1
CG12104	573.0247	0.147544	0.109592	1	1
CG11279	148.5999	-0.16958	0.172419	1	1
SRm160	287.0224	-0.26973	0.153246	1	1
Zmynd10	1164.339	0.403858	0.092744	1	1
CG12003	2.768404	-0.10801	0.490215	1	1
Pex10	231.8291	-0.05516	0.148168	1	1
ste14	28.94721	-0.13288	0.283241	1	1
CG11267	536.1918	-0.23376	0.127909	1	1
MICAL-like	440.3136	0.905262	0.138799	1	1
Cul6	156.1796	0.132435	0.179834	1	1
CG12091	518.4173	-0.52293	0.129079	1	1
CG11263	9.485249	-0.22682	0.420068	1	1
CG11262	1952.065	-0.13206	0.10131	1	1
CG10749	2386.35	-0.05276	0.082431	1	1
CG10748	585.7469	0.013126	0.104099	1	1
FASN2	56.27077	-0.17209	0.289664	1	1
CG14118	16.51566	0.61692	0.506674	0.465086	1
CG14120	0.540804	-0.00023	0.586347	1	1
CG10943	1.136062	-0.19906	0.696852	0.286759	1
Ent3	8.007602	0.097167	0.385515	1	1
Wbp2	819.1354	0.009424	0.098504	1	1
CG42588	289.7437	0.368858	0.146058	1	1
Sf3a2	252.449	-0.55324	0.161061	1	1
Atg1	101.5588	-0.22135	0.200934	1	1
CG10969	1683.87	-0.10566	0.092597	1	1
CG4069	327.3083	-1.25209	0.149372	0.039751	1
Pmm2	78.65609	-0.14126	0.210074	1	1
nst	75.37022	-0.80041	0.27297	0.942993	1
ver	132.5732	0.003422	0.175065	1	1
Gcn5	111.6212	-0.04159	0.195846	1	1
tral	1412.269	0.013191	0.105469	1	1
sti	394.4041	0.56619	0.136677	1	1
CG10654	2.42191	0.047966	0.475975	1	1
vih	2023.983	0.00375	0.080904	1	1
CG10646	38.71313	0.095029	0.261173	1	1
CG10681	118.762	0.359201	0.206261	1	1
CG10657	0.364551	0.029819	0.611184	0.934194	1
CG10660	875.873	-0.46058	0.11543	1	1
CG10616	2253.664	0.390363	0.097165	1	1
Smyd4-2	12.62236	-0.25761	0.412982	1	1
CG32104	110.8016	0.223223	0.187329	1	1
CrzR	25.32352	0.295204	0.339007	1	1
CG10418	156.4194	0.168178	0.169605	1	1
CG4328	1.026402	0.222047	0.715466	0.253953	1
INPP5E	210.3946	-0.16147	0.170128	1	1
CG6910	168.782	0.447814	0.20476	1	1

CAH2	183.347	0.82664	0.256191	0.942609	1
Pbgs	42.7579	-0.76586	0.362045	0.696973	1
CG9760	3.697574	0.027811	0.437769	1	1
eIF3I	1384.172	-0.07439	0.086373	1	1
RhoGAP68F	337.5515	-0.18857	0.129432	1	1
Atg12	99.17868	0.021062	0.195991	1	1
CG5645	402.0002	0.103099	0.136693	1	1
CG5626	223.6883	-0.10793	0.158983	1	1
CG11534	34.98214	-0.38225	0.307163	1	1
CG11529	5.326397	0.159438	0.463683	1	1
Ir68b	11.94772	0.553241	0.534161	0.436879	1
ssp	586.1769	-0.14331	0.108508	1	1
vers	143.2426	-0.41459	0.182145	1	1
CG17154	1149.91	-0.05648	0.10117	1	1
CG6793	5.807906	-0.40166	0.596459	0.358874	1
Grip163	122.8656	-0.0696	0.182027	1	1
CG6931	524.8273	0.135723	0.118687	1	1
CG6938	2.345539	0.00168	0.470684	1	1
CG14125	1.235542	-0.22618	0.730562	0.236818	1
CG7248	3.289207	-0.36577	0.717911	0.212551	1
obst-G	0.751477	0.069037	0.585298	0.775151	1
CG17826	0.865246	-0.12055	0.637888	0.472808	1
CG9522	4.2422	-0.19743	0.498136	0.77707	1
CG7252	0.808722	-0.03723	0.569382	0.995212	1
CG5883	3.883347	-0.00103	0.4379	1	1
Rpt4R	1009.387	0.044842	0.092181	1	1
SdhAL	1580.854	0.474321	0.111728	1	1
CCDC151	6.037588	0.297073	0.503516	0.655933	1
Sprn	2813.89	0.70667	0.084368	1	1
CG5906	1359.574	-0.3218	0.087176	1	1
CG44837	5.772302	0.046903	0.408444	1	1
CG7264	2036.736	0.419148	0.086944	1	1
CG11597	273.8428	0.755783	0.165751	1	1
CG14130	97.9823	-0.02584	0.195283	1	1
CG10361	20.88281	1.242627	0.588061	0.08668	1
CG10907	177.9774	-0.14651	0.162272	1	1
CG5964	406.8266	-0.03596	0.116313	1	1
CG14131	48.24891	-0.16166	0.249465	1	1
Tim13	1211.97	-0.05271	0.09155	1	1
Muc68D	3.732203	0.085085	0.446927	1	1
crim	162.1137	-0.23393	0.169018	1	1
Dnai2	1.379215	0.081092	0.546755	0.852091	1
CG14135	31.01496	-0.06352	0.299252	1	1
Pldn	56.2275	-0.28804	0.273009	1	1
CG7339	144.8762	-0.24492	0.176995	1	1
CG6071	30.30235	0.368021	0.347161	1	1
PCID2	115.0434	-0.04732	0.190763	1	1
CG6083	946.3801	0.555765	0.104201	1	1
CG7394	598.5015	-0.16173	0.11085	1	1
chrb	205.7809	-0.00423	0.147771	1	1

Fum3	4417.33	-0.02932	0.076071	1	1
CG7551	1182.682	0.245658	0.089639	1	1
CG12289	1402.95	0.406022	0.086267	1	1
Ir68a	2.754095	0.094966	0.469931	1	1
CG6149	7.410092	0.046147	0.608514	0.828846	1
CG7600	377.5144	-0.07807	0.130124	1	1
CG7560	11.48482	0.060683	0.35397	1	1
Ube3a	2114.029	0.184878	0.096992	1	1
CG6163	157.5597	0.366668	0.190091	1	1
CG14141	0.591196	0.038129	0.593838	0.920967	1
CG6168	11.69797	0.020601	0.581511	1	1
CG7607	3.825253	0.025788	0.431884	1	1
CG6175	58.45578	0.68006	0.316471	1	1
CG14142	6.066531	0.251638	0.500738	0.703856	1
CG7616	1509.786	0.383428	0.088129	1	1
CG14143	0.568936	0.061136	0.57922	0.831312	1
NaPi-III	282.6808	0.286215	0.142503	1	1
CG7638	404.631	0.135331	0.119828	1	1
CG12522	1.29697	0.114388	0.55283	0.721527	1
APP-BP1	2138.369	0.490872	0.092714	1	1
Irbp18	49.30752	-0.20827	0.256296	1	1
lyd	7113.539	-0.14411	0.092714	1	1
CG7839	205.3112	-0.46341	0.169872	1	1
CG6310	52.84811	0.094237	0.253025	1	1
CG32075	91.68424	-0.36858	0.227351	1	1
Blos2	44.441	-0.3156	0.272679	1	1
CG6321	354.122	0.228041	0.132157	1	1
CG14147	7.386962	-0.43178	0.662835	0.255416	1
Cpr67Fa2	21.90903	0.3686	0.36994	1	1
Cpr67Fa1	0.405591	-0.02658	0.607957	0.966963	1
galla-2	169.747	-0.42307	0.180143	1	1
CG6409	3371.027	0.283582	0.122986	1	1
Blos4	44.18098	-0.10434	0.24866	1	1
CG6418	209.8402	-0.24455	0.168479	1	1
CG12523	1.920385	0.017604	0.492362	1	1
ND-13B	567.3754	0.344186	0.135612	1	1
CG11811	190.0953	0.028837	0.152192	1	1
CG8003	376.275	0.30915	0.128378	1	1
CG14153	17.077	0.14764	0.359268	1	1
CG18628	109403.4	0.430218	0.091076	1	1
Ir67b	0.275948	0.042618	0.616394	0.829472	1
Or67d	0.470608	0.047597	0.609162	0.818102	1
CG8065	2118.499	0.575435	0.090333	1	1
CG6628	2662.505	-0.31572	0.100594	1	1
CG8072	1194.52	-0.18425	0.108483	1	1
CG14160	8.441882	0.014614	0.411767	1	1
CG6674	335.6157	-0.23654	0.151702	1	1
CG6685	99.66465	0.085127	0.199321	1	1
nudE	1532.688	0.731081	0.085182	1	1
CG34382	26.17832	-0.17799	0.29796	1	1

CG10809	475.2293	0.584486	0.140411	1	1
CG6749	11.18246	0.046196	0.35226	1	1
defl	81.31085	-0.02051	0.204631	1	1
llp4	0.596219	-0.09163	0.629906	0.563182	1
CG14174	475.9499	0.054488	0.120177	1	1
llp3	12.54402	0.28261	0.428298	1	1
CG18178	901.0308	0.425987	0.093955	1	1
Zasp67	3.847556	-0.00354	0.456619	1	1
SH3PX1	283.0525	-0.34335	0.145531	1	1
CG6761	2415.587	0.031643	0.090227	1	1
ACXA	1775.778	0.681106	0.100498	1	1
ACXB	229.9389	1.303507	0.232133	0.061809	1
Atf3	40.74116	-0.06297	0.262407	1	1
CG16719	2914.169	0.336716	0.079936	1	1
CG16717	154.8115	0.126725	0.164735	1	1
7B2	14.26645	0.165228	0.370532	1	1
26-29-p	1474.512	-0.52091	0.097046	1	1
CG18180	2.46897	0.069803	0.631798	0.637721	1
ACXD	80.92758	-0.67455	0.262419	1	1
CG18179	0.09733	-0.00449	0.605571	1	1
CG8329	0.444104	-0.04872	0.613025	0.800408	1
CG3335	115.9206	-0.05047	0.189919	1	1
CG3306	1808.258	0.266359	0.083518	1	1
CG3088	1.939948	0.025352	0.48112	1	1
CG3222	3358.524	0.330066	0.083813	1	1
lr67a	2.014982	-0.00053	0.506703	1	1
CG3408	1297.843	0.545481	0.093956	1	1
pall	240.0761	-0.54011	0.14722	1	1
Jarid2	122.1545	-0.24394	0.211546	1	1
CG3434	141.1274	-0.29509	0.19272	1	1
CG3552	2023.086	-0.36753	0.080542	1	1
CG3437	16.47209	0.090875	0.33005	1	1
phol	192.8524	-0.46353	0.170991	1	1
CG3448	63.24941	0.224049	0.237064	1	1
CG3529	220.663	0.067248	0.156649	1	1
Nf-YA	151.0309	-0.5973	0.19632	1	1
Bet3	72.43964	0.054218	0.226631	1	1
Cpsf5	220.6022	-0.33086	0.159539	1	1
CG4022	416.011	-0.03338	0.128504	1	1
Cpr67B	8.275041	-0.00637	0.404827	1	1
CG4080	503.8465	0.312137	0.124586	1	1
CG4461	3.964534	0.090257	0.439917	1	1
CG4452	408.1747	0.753034	0.133519	1	1
mRRF1	113.3948	-0.70134	0.224752	1	1
PGRP-LF	29.67731	0.019962	0.295165	1	1
CG4477	365.2054	1.108999	0.158372	0.266583	1
CG4483	181.356	-0.01973	0.165237	1	1
CG4476	57.45195	0.284353	0.248491	1	1
Slc45-1	70.9279	-0.68418	0.260064	1	1
nwk	7.302758	-0.05036	0.400849	1	1

Use1	231.13	-0.41356	0.147646	1	1
CG4942	83.30551	-0.11956	0.210489	1	1
CG4911	408.0136	-0.09378	0.130754	1	1
CG5144	2418.398	0.040919	0.079611	1	1
Doc1	210.6307	0.432182	0.161929	1	1
Doc2	2.747412	-0.38342	0.735874	0.195453	1
CG5194	624.4854	-0.30678	0.123175	1	1
Doc3	34.35154	0.632585	0.397979	0.76684	1
CG5087	190.4105	-0.07921	0.153616	1	1
CG5280	2462.162	0.727659	0.103533	1	1
CG5068	133.2336	-0.19081	0.202426	1	1
CG13314	0.711524	-0.05738	0.575424	0.862075	1
CG5644	8.732637	0.187546	0.41193	1	1
Srp68	516.4525	-0.35099	0.123418	1	1
CG5653	467.9436	0.939424	0.141889	1	1
ValRS-m	1318.098	0.20079	0.089504	1	1
CG13313	3.537879	-0.20795	0.529617	0.637818	1
TrpA1	7.611276	-0.30866	0.469914	0.784679	1
CG13310	3.218637	0.033912	0.47236	1	1
dmGlut	3.672416	-0.03226	0.438005	1	1
bur	1043.537	0.032496	0.098998	1	1
otk2	7.401221	0.546318	0.601447	0.314547	1
cue	253.7905	-0.53637	0.150319	1	1
CG12084	558.849	0.174665	0.111066	1	1
robl62A	6573.511	0.140775	0.072006	1	1
SA-2	226.9496	0.261414	0.168145	1	1
CG9173	3329.529	-0.00849	0.079088	1	1
FucTD	1984.197	0.239965	0.093087	1	1
312	275.5159	0.472586	0.14885	1	1
l(3)02640	558.1108	0.10991	0.113739	1	1
CG2211	457.2582	-0.87332	0.123405	1	1
msd5	119.472	0.121967	0.180926	1	1
msd1	175.2162	-0.06792	0.170454	1	1
CG2277	3540.486	-0.32245	0.087103	1	1
CG9149	179.656	-0.83	0.186267	1	1
Rabex-5	244.9816	0.497797	0.146492	1	1
CG9129	6852.106	0.288963	0.079786	1	1
Sac1	2696.548	-0.72986	0.084638	1	1
Psf1	75.67004	-1.4322	0.296265	0.03237	1
CG9192	14.28666	0.437009	0.468686	0.69323	1
CG9194	7.011961	-0.5506	0.662315	0.236326	1
mwh	8.801753	-0.18681	0.40905	1	1
CG9119	59.22527	-0.5278	0.293877	1	1
Trh	3.041444	0.05679	0.467365	1	1
CG13912	16.02328	-0.11796	0.3777	1	1
CG13905	1.003665	0.181531	0.690295	0.306426	1
CG13907	398.0257	0.705526	0.148768	1	1
CG12502	4.367352	0.106279	0.4524	1	1
dpr20	0.645421	0.046347	0.580392	0.907876	1
Dci	236.3776	-0.32845	0.149073	1	1

cep290	1340.539	0.128291	0.114707	1	1
JMJD5	77.15665	-0.48795	0.268268	1	1
CG13901	1048.78	-0.09854	0.109895	1	1
CG42553	1220.156	0.133342	0.095132	1	1
hng3	73.32778	0.276078	0.226805	1	1
CG13896	103.3386	-0.07754	0.195792	1	1
CG13895	50.33984	-0.04981	0.256698	1	1
CG13894	2.655135	-0.09862	0.477452	1	1
Vti1a	74.94946	-0.11406	0.219435	1	1
Reg-2	70.41418	-0.56225	0.268376	1	1
RabX6	29.7696	-0.14856	0.286916	1	1
CG13893	19.80747	-0.01294	0.312422	1	1
hiro	2.166714	-0.02362	0.473142	1	1
ebd1	54.39832	0.008003	0.232828	1	1
Kah	21.02859	-0.19283	0.32119	1	1
CG3386	57.28207	0.089006	0.229528	1	1
Ppm1	2741.656	0.148445	0.086057	1	1
Rev1	442.6413	-0.48944	0.126412	1	1
CG17180	221.0247	-0.25225	0.163447	1	1
MED30	348.2037	-0.09244	0.13938	1	1
CG13891	1482.528	-0.21711	0.099355	1	1
CG13884	447.3072	0.869279	0.147757	1	1
CG3402	105.2188	-0.27187	0.209853	1	1
Cdc5	151.5087	-0.51149	0.188182	1	1
Gale	475.3836	0.362034	0.121277	1	1
CG1231	3.589121	0.04071	0.447895	1	1
mthl9	51.99544	-0.93773	0.332127	0.485511	1
CG32344	163.4516	-0.7445	0.189316	1	1
ttm2	3373.453	0.076216	0.081044	1	1
Tudor-SN	1468.717	-0.23778	0.092931	1	1
wac	273.0961	-0.1118	0.137583	1	1
DIP2	431.6689	-0.13553	0.121808	1	1
CG7028	185.8086	0.116499	0.168781	1	1
CG13876	152.8041	-0.23933	0.177817	1	1
CG13875	2.25374	0.120078	0.533048	0.779093	1
CG7049	5.24867	0.073531	0.421501	1	1
CG6845	173.9863	-0.1854	0.161117	1	1
CG13405	1339.316	-0.5808	0.104765	1	1
Ebp	17.20842	0.113291	0.330871	1	1
Nplp1	2.219273	-0.3281	0.773999	0.177943	1
CG3829	138.619	0.878379	0.226455	0.907411	1
CG2736	146.2158	-0.74632	0.215388	1	1
Phk-3	36.07106	-0.32449	0.306262	1	1
CG3776	346.065	-0.11703	0.133274	1	1
CG2765	837.1615	-0.09097	0.092806	1	1
CG12851	238.6179	1.179016	0.176998	0.142619	1
CG2790	584.1885	-0.01269	0.107353	1	1
CG3770	83.28195	-0.01941	0.207464	1	1
CG15861	13.61939	-0.03084	0.355559	1	1
Tina-1	131.1038	-0.11715	0.183464	1	1

CG2811	74.51153	-0.15055	0.213605	1	1
pain	115.9467	-0.5715	0.20753	1	1
CG16896	356.6462	-0.36817	0.129354	1	1
CG3611	662.2573	0.101612	0.111431	1	1
CG12849	1.70827	0.161644	0.563181	0.588887	1
CG3589	71.78844	-0.20419	0.239312	1	1
TyrRS-m	78.40693	-0.36998	0.250787	1	1
egg	163.65	-0.52452	0.178029	1	1
GstE12	557.6645	-0.56731	0.128998	1	1
CG3894	565.1808	1.051355	0.130736	0.450358	1
CG3880	16.15833	-0.07292	0.335877	1	1
spz6	2.39264	0.180673	0.529725	0.672566	1
Usp15-31	84.10608	-0.07648	0.204882	1	1
CG4806	88.94118	-0.13544	0.202267	1	1
DNAIig1	106.3766	-0.24703	0.192664	1	1
Samtor	73.60953	-0.15308	0.218359	1	1
DCP1	208.2082	-0.17079	0.157731	1	1
CG3663	35.6867	-0.07765	0.28057	1	1
CG3565	1944.693	0.146623	0.089526	1	1
CG5597	53.96234	-0.07114	0.23778	1	1
CG4781	9.861465	0.359387	0.483866	0.688577	1
CG3548	37.4131	-0.02084	0.2809	1	1
CG5569	644.1617	-0.04082	0.106455	1	1
ytr	198.2031	-0.19756	0.18325	1	1
CG13594	3.040153	0.096127	0.484125	1	1
CG13587	0.544724	0.047314	0.587076	0.882672	1
CG5554	2162.887	-0.06157	0.082407	1	1
CG4741	4.633053	0.064281	0.452907	1	1
shu	82.22906	-0.45631	0.237393	1	1
Adck	43.58258	-0.33276	0.28227	1	1
CG4681	2841.049	0.11842	0.093222	1	1
GlyT	2.269076	-0.11562	0.516863	0.857175	1
CG42360	1133.629	1.1057	0.112475	0.213566	1
CG4763	28.97588	-0.02002	0.290928	1	1
CG42361	8.82531	0.053223	0.373516	1	1
CG3511	77.44082	-0.22259	0.241067	1	1
Nxt1	36.52812	-0.32236	0.30285	1	1
CG4707	980.077	0.020413	0.105002	1	1
Fcp1	114.8182	-0.22999	0.202659	1	1
uri	121.3738	-0.32123	0.204732	1	1
CG5543	110.7745	-0.51745	0.208316	1	1
CG11414	1126.634	0.125465	0.090815	1	1
CG5539	2798.145	0.095772	0.08042	1	1
ITP	33.08056	0.033289	0.279455	1	1
CG13561	33.89773	-0.01312	0.267011	1	1
CG4622	305.8906	-0.1089	0.127614	1	1
CG15800	1665.361	-0.20023	0.090549	1	1
sona	70.63606	-0.1923	0.241932	1	1
Ir60e	0.268107	-0.04679	0.619605	0.793673	1
CG5532	142.4547	-0.20261	0.180894	1	1

CG11300	23.40948	-0.43036	0.38776	1	1
Brca2	81.65229	0.112816	0.219489	1	1
CG13560	0.693463	-0.0458	0.564016	0.960436	1
CG4612	195.9931	0.495039	0.162495	1	1
CG18128	951.8422	-0.27164	0.122734	1	1
Sesn	103.513	-0.00297	0.189555	1	1
CG13581	1502.816	0.075961	0.083449	1	1
Prosalpha4T2	1272.469	0.215472	0.097099	1	1
CG30183	594.3008	0.842058	0.136189	1	1
CG13590	1.8859	0.168066	0.550705	0.618168	1
CG13589	0.09733	-0.00449	0.605571	1	1
CG13579	0.444104	-0.04872	0.613025	0.800408	1
St3	26.97571	0.179496	0.3105	1	1
CG16837	569.382	0.557609	0.116978	1	1
St1	14.68565	0.037563	0.33596	1	1
CG3492	3699.11	0.180014	0.085519	1	1
CG4563	124.5288	0.786583	0.236436	1	1
CG3483	2314.866	-0.13051	0.101285	1	1
Pgam5-2	172.7135	0.284894	0.180216	1	1
CG15873	727.3675	0.379662	0.103299	1	1
Eglp1	1595.187	0.356736	0.084927	1	1
ItgaPS5	4.178604	0.083553	0.455071	1	1
CG13578	0.562721	-0.03453	0.578708	0.986078	1
Rrp4	218.0913	-0.27364	0.151975	1	1
CG13577	854.4647	0.207448	0.095409	1	1
levy	617.445	-0.2659	0.129633	1	1
CG13575	0.595591	0.029143	0.577216	1	1
wmd	610.2173	0.045023	0.1023	1	1
mi	189.3634	-0.40704	0.16587	1	1
Ir60a	0.272696	0.042244	0.616213	0.832444	1
CG13559	4.649662	0.001513	0.456019	1	1
nord	60.09777	-0.1299	0.272723	1	1
CG13558	87.52462	0.164595	0.208017	1	1
CG30419	0.895191	-0.08407	0.587775	0.70572	1
CG13557	4.408448	0.196958	0.47247	0.8985	1
CG11406	3.51546	0.247884	0.542663	0.556422	1
CG3356	1025.855	-0.04586	0.092945	1	1
SkpF	1175.324	-0.07454	0.097588	1	1
cN-IIIB	51.28672	-0.3126	0.273142	1	1
ocm	159.7967	-0.46844	0.185787	1	1
CG3328	134.9791	0.009179	0.178017	1	1
CG9815	74.10178	-0.29657	0.241128	1	1
CG3520	66.97847	0.010605	0.227046	1	1
Naa35	630.9047	0.011047	0.117067	1	1
Zfrp8	80.94925	-0.20513	0.217521	1	1
CG30414	10.54974	-0.04188	0.366774	1	1
yellow-d2	2.6877	0.043347	0.455297	1	1
CG3257	19.18232	0.347204	0.370727	1	1
Golgin245	442.0912	0.008148	0.141482	1	1
CG3253	43.68501	-0.22697	0.27303	1	1

Ice1	211.7726	-0.06979	0.156643	1	1
CG4049	111.3643	-0.49368	0.225342	1	1
sname	616.072	-0.18855	0.105989	1	1
CG9875	1758.642	0.095303	0.092034	1	1
CG3500	205.8937	0.103047	0.152669	1	1
CG13564	566.9633	0.027684	0.118002	1	1
CG10339	0.827878	-0.0644	0.562971	0.867296	1
CG3502	4.028972	0.111112	0.470477	1	1
CG9863	508.1913	-0.0737	0.118203	1	1
CG9861	4772.896	0.180623	0.083802	1	1
Prosbeta5R1	2121.144	0.322194	0.087226	1	1
IntS1	588.3036	0.224488	0.131186	1	1
CG13541	860.2798	0.134554	0.106057	1	1
CG3124	19083.59	0.070856	0.068225	1	1
CG13540	559.4495	-0.05475	0.119319	1	1
CG3163	163.5024	-0.20573	0.169996	1	1
CG12782	554.7426	0.573082	0.115306	1	1
Xxylt	49.03369	-0.18803	0.248991	1	1
RpL22-like	1537.141	-0.56996	0.127064	1	1
CG3092	3087.27	-0.30312	0.087973	1	1
CG3121	1790.406	0.570476	0.100118	1	1
LS2	328.0449	-0.35891	0.139265	1	1
CG4324	2.781175	0.124191	0.492582	0.944571	1
CG13539	1130.75	0.03245	0.09375	1	1
side-V	130.1653	-0.19102	0.195982	1	1
CG3860	586.6074	0.065251	0.103459	1	1
Pask	8.691462	0.145139	0.391237	1	1
PPP1R15	1130.635	0.033413	0.09466	1	1
CG9899	476.6575	-0.2309	0.111782	1	1
CG13545	5.306585	0.033888	0.417141	1	1
mr	811.3862	-0.04899	0.111332	1	1
Klp59D	3690.18	0.687043	0.095773	1	1
CG13544	2323.204	0.340508	0.085817	1	1
CG10904	74.79532	-0.16437	0.227914	1	1
Gpdh2	1122.565	0.604144	0.103893	1	1
Fmo-1	2.035303	-0.2088	0.603147	0.431171	1
Klp59C	5069.329	-0.05045	0.086926	1	1
Gr59d	4.056511	-0.21497	0.495954	0.763543	1
CG16787	266.4954	-0.30119	0.145065	1	1
RpL37b	439.5519	-0.54271	0.165213	1	1
thoc5	185.9235	-0.14818	0.157371	1	1
CG9876	13.68851	-0.18349	0.381606	1	1
CG3803	161.5124	-0.28621	0.192069	1	1
CG13538	817.5126	0.378872	0.100019	1	1
fzr2	1711.467	0.19171	0.095121	1	1
Stoml2	1292.834	-0.17195	0.094465	1	1
CG9877	3.996634	0.330788	0.6145	0.34632	1
Art7	113.6462	-0.36107	0.190673	1	1
Orcokinin	20.8171	0.521584	0.42478	0.790339	1
CG3085	7580.199	0.148681	0.078276	1	1

CG3735	487.3997	-0.28203	0.117225	1	1
CG3831	120.1648	-0.37064	0.221001	1	1
CG9890	116.5341	-0.31287	0.191714	1	1
CG9849	201.1402	-0.22367	0.171518	1	1
CG13562	11.3102	-0.00626	0.375199	1	1
CNBP	3248.449	-0.25011	0.072027	1	1
CG3788	3848.297	0.389716	0.084082	1	1
Lpt	254.3293	-0.03135	0.147083	1	1
CG42741	1.062132	0.01962	0.543989	1	1
CG5339	234.5243	-0.11384	0.148444	1	1
CG3700	60.46105	-0.07035	0.227425	1	1
CG17658	31.91809	-0.14299	0.293792	1	1
CG9896	11.29327	0.101583	0.362263	1	1
MED23	28.50843	0.180701	0.312828	1	1
Gmer	201.5093	-0.74919	0.188813	1	1
asrij	464.9849	-0.03034	0.120465	1	1
EMC8-9	828.3369	0.184871	0.106091	1	1
CG13532	0.553565	0.051203	0.603596	0.812486	1
CG13531	246.2795	-0.37606	0.160625	1	1
CG3649	0.69154	0.089533	0.605775	0.634437	1
CG12490	0.365437	-0.04679	0.619605	0.793671	1
CG30265	0.233678	0.016717	0.607437	1	1
CG42260	6.410371	0.191194	0.445293	1	1
CG13527	1452.034	-0.05411	0.082597	1	1
CG13526	593.877	-0.10798	0.112579	1	1
CG30268	774.7448	0.856798	0.137359	1	1
Obp58d	0.936867	0.05949	0.559679	0.901834	1
Obp58c	8.494367	0.444465	0.537953	0.473438	1
Obp58b	0.522945	-0.00032	0.587205	1	1
CG30259	9.23823	-0.11467	0.378825	1	1
RYBP	340.0795	-0.10349	0.136937	1	1
CG4250	199.5258	0.355395	0.183547	1	1
Cyp6d2	20.00124	0.063606	0.324067	1	1
CG3746	11.903	0.28508	0.41206	1	1
CG30195	17.2033	-0.17501	0.339523	1	1
Ugt317A1	59.08794	-0.25954	0.245316	1	1
RpS24	2088.926	-0.48876	0.111449	1	1
CG3732	293.1445	-0.15651	0.13434	1	1
bonsai	322.1442	-0.36616	0.131997	1	1
CG17807	50.33449	-0.20351	0.265834	1	1
CG4329	2240.669	0.410564	0.100787	1	1
RpS16	2897.453	-0.35588	0.105717	1	1
CG4294	131.098	-0.3602	0.184292	1	1
CG4269	39.62586	-1.27193	0.395233	0.104705	1
nsr	881.3233	-0.20415	0.100824	1	1
CG3927	1582.169	0.014966	0.09846	1	1
dnr1	84.00242	0.284915	0.218502	1	1
CG11362	616.4006	0.440744	0.126749	1	1
gas	26.31072	-0.11674	0.299279	1	1
CG4610	208.5884	-0.22942	0.152075	1	1

CG4554	111.8586	-0.27226	0.194702	1	1
CG4752	154.5957	0.368858	0.211304	1	1
CG10384	7.018331	0.046847	0.384803	1	1
ppk12	1.731299	0.05177	0.516895	1	1
Mes4	58.37463	7.02E-05	0.241857	1	1
CG6044	5.871986	0.26125	0.473912	0.810893	1
babos	65.78039	-0.49655	0.267934	1	1
CG13506	148.8717	-0.35152	0.200991	1	1
Rtf1	1328.947	0.220392	0.100645	1	1
CG11298	1148.231	-0.13289	0.103913	1	1
Oatp58Dc	6.461604	0.193604	0.510407	0.730008	1
Oatp58Db	1.146923	0.211113	0.702958	0.272945	1
Oatp58Da	1.209881	0.069664	0.560066	0.852933	1
CG11291	2333.605	-0.03166	0.086875	1	1
Alp8	8.561245	0.287623	0.45389	0.878832	1
Alp2	5.488777	0.097891	0.660277	0.470344	1
Alp7	1.645058	0.097089	0.564275	0.734081	1
GM130	332.2632	-0.33153	0.145815	1	1
CG30280	4.639789	-0.25921	0.554758	0.512239	1
MED16	49.77602	-0.20726	0.253574	1	1
CG11275	235.2354	-0.19965	0.153016	1	1
Plekhm1	83.73219	-0.59202	0.236541	1	1
CG11073	5.842358	-0.24099	0.469954	0.851806	1
CG6758	137.3301	-0.05104	0.173359	1	1
CG13502	11.64512	0.191519	0.397127	1	1
CG3045	98.3164	0.331638	0.212408	1	1
GlcT	65.80777	-0.52899	0.279348	1	1
CG2921	4694.562	-0.15888	0.07192	1	1
CG11269	77.34816	0.965215	0.279727	0.528418	1
CG11475	948.0139	0.029476	0.094655	1	1
CG13501	882.0244	0.178697	0.101335	1	1
CG13500	1.104802	0.070049	0.548831	0.890136	1
CG9308	600.2545	1.069194	0.135178	0.377606	1
CG9304	156.7906	-0.36478	0.177937	1	1
ppk9	4.894461	0.003946	0.433575	1	1
CG13494	434.4984	0.41223	0.132708	1	1
CG13488	175.5005	0.350327	0.166295	1	1
Fili	58.72462	0.098418	0.238598	1	1
comr	168.3889	-0.19772	0.170805	1	1
CG4372	5.074936	0.083609	0.437026	1	1
CG4377	5.779842	0.03019	0.42747	1	1
CG4363	0.683366	0.110555	0.638177	0.493073	1
CG4386	1.905871	0.062316	0.502478	1	1
CG4021	1484.136	0.513941	0.090458	1	1
Grx1t	2438.434	-0.31594	0.10367	1	1
CngB	12.87617	0.047189	0.348867	1	1
CG10307	1839.394	-0.08998	0.083747	1	1
elF3k	1173.125	-0.2241	0.092696	1	1
CG15676	701.0771	0.150439	0.10011	1	1
NC2alpha	240.4819	0.118443	0.147283	1	1

pirk	50.7844	0.349237	0.259737	1	1
Rae1	278.1955	-0.14085	0.13625	1	1
ND-B12	990.2976	0.042427	0.096984	1	1
CG10321	255.0669	-0.14891	0.158904	1	1
CG15674	5.894642	0.17074	0.456281	1	1
mahj	127.0379	-0.4105	0.20847	1	1
CG15673	45.9699	-0.31441	0.2803	1	1
CG30283	0.544056	0.000168	0.586047	1	1
TAF1C-like	355.9946	0.077162	0.124637	1	1
eEFSec	130.6874	-0.09301	0.175214	1	1
CG10795	106.7422	-0.27949	0.19144	1	1
CG17974	0.541633	-0.09283	0.634162	0.548628	1
CG30394	174.7661	-0.08176	0.162325	1	1
Panx	229.934	-0.37477	0.170027	1	1
CG9752	49.84099	-0.65161	0.333076	1	1
CG30392	558.2534	-0.23392	0.120717	1	1
CG10505	41.57512	-0.53837	0.320347	1	1
CG30391	715.4116	0.406053	0.113271	1	1
Ugt49C1	4.859196	0.454394	0.667424	0.246533	1
Ugt49B1	15.62406	-0.08149	0.366842	1	1
CG44245	132.5614	-0.247	0.227509	1	1
Lapsyn	85.05201	0.005827	0.209336	1	1
CG4286	3481.076	-0.32666	0.086816	1	1
LSm1	64.29133	-0.34902	0.24275	1	1
hng1	374.9776	-0.04951	0.13614	1	1
CG4266	424.0755	-0.01766	0.129231	1	1
CG30389	454.4075	-0.13912	0.149566	1	1
CG15657	1135.428	0.714292	0.102363	1	1
Hmg-2	66.28851	-0.19618	0.234414	1	1
Cht9	0.999405	0.18399	0.659822	0.349471	1
CG9406	998.5666	-0.04565	0.088373	1	1
Cht8	5.38323	0.090632	0.423948	1	1
Magi	142.8834	0.118833	0.196798	1	1
mRpL54	68.51066	0.129547	0.246829	1	1
CG15653	65.39908	0.099503	0.230557	1	1
cpa	375.6987	-0.48472	0.130969	1	1
CG9394	4.255633	0.1858	0.493316	0.815951	1
ND-B14,7	510.916	-0.25076	0.131737	1	1
CG34396	156.2114	0.22154	0.182393	1	1
CG3295	254.8427	-0.17727	0.143955	1	1
Rbpn-5	221.023	-0.06475	0.164723	1	1
CG9346	156.1196	-0.23736	0.196318	1	1
CG10527	132.4023	-0.1881	0.179771	1	1
dgt3	275.9378	-0.52829	0.148197	1	1
CG15651	0.761697	-0.11376	0.60802	0.558996	1
CG9313	3178.466	0.291829	0.103264	1	1
CG15650	1.576672	0.397922	0.915705	0.106148	1
CG9344	158.0457	-0.13788	0.175236	1	1
CG15649	0.249444	-0.04453	0.618442	0.811316	1
CAH15	1074.721	0.494362	0.116569	1	1

Cib2	3.340617	0.187515	0.501138	0.778253	1
lpk1	21.95101	-0.03615	0.300767	1	1
CAH14	521.1923	0.143386	0.123668	1	1
CG9993	1.411395	0.090974	0.526461	0.893738	1
CG17999	1.260575	0.074646	0.538665	0.907856	1
CG15225	1.255557	0.110266	0.564324	0.694237	1
CG13442	3156.97	-0.00255	0.075489	1	1
galla-1	303.2055	0.202101	0.133324	1	1
CG13437	1.643973	0.274308	0.768889	0.191193	1
Lrt	15.64872	-0.10364	0.358278	1	1
CG11159	0.389879	-0.04485	0.618006	0.810464	1
CG16799	81.25282	-0.7164	0.270731	1	1
DMAP1	170.5653	-0.61215	0.176805	1	1
CG11110	462.3676	0.497929	0.12714	1	1
maf-S	515.5134	-0.03677	0.12426	1	1
rig	246.2527	-0.07527	0.143574	1	1
CG13436	1698.029	0.395699	0.102164	1	1
Rcd6	9.149635	-0.24696	0.435652	1	1
FAM21	167.6573	-0.34169	0.177391	1	1
CG11180	60.70064	-0.21116	0.260017	1	1
Nnf1a	219.711	0.147145	0.1491	1	1
lms	2.165908	0.137533	0.53591	0.726451	1
CG13428	0.272696	0.042244	0.616213	0.832444	1
CG13427	1.077812	0.072711	0.558765	0.844059	1
CG13423	264.3142	-0.12341	0.137946	1	1
CG18067	598.7371	0.323426	0.141233	1	1
GNBP-like3	19.25818	-1.0614	0.604647	0.136467	1
CG13426	143.2325	0.413634	0.186516	1	1
CG16739	3424.347	-0.0797	0.07921	1	1
CG13871	592.1632	0.843442	0.114559	1	1
CG13868	659.8607	-0.14321	0.126076	1	1
Cpr56F	205.7988	0.678767	0.185046	1	1
CG16868	137.0985	-0.18341	0.178992	1	1
Mpcp1	15.57449	-0.59319	0.507402	0.477531	1
CG9143	62.58971	-0.50902	0.279315	1	1
CG11788	39.25681	-0.24374	0.273036	1	1
CG10444	381.7579	-0.06049	0.128915	1	1
CG8908	230.4563	0.449027	0.151741	1	1
CG9864	27.16616	0.029766	0.314355	1	1
ppk6	25.35566	0.728754	0.503762	0.399351	1
Hacl	191.7826	-0.51866	0.163297	1	1
Efhc1,2	417.8132	-0.65516	0.151595	1	1
CG13869	2.289503	0.289763	0.685314	0.26157	1
CG11099	3.852743	-0.22124	0.508377	0.703919	1
CG11044	61.7142	0.127907	0.2511	1	1
CG16894	2535.731	0.154363	0.091206	1	1
CG16898	471.9778	0.056035	0.12821	1	1
Obp56a	31.16387	-0.04957	0.294543	1	1
CG8654	1586.704	0.123317	0.089623	1	1
CG15128	5772.079	0.447326	0.073873	1	1

CG10822	634.1105	0.516883	0.131148	1	1
CG13872	1882.098	-0.03157	0.091391	1	1
Obp56h	0.738715	-0.00036	0.562865	1	1
CG11018	2785.474	0.048175	0.080533	1	1
CG15125	555.3666	0.328981	0.118029	1	1
CG8517	7877.963	-0.08553	0.07086	1	1
CG15905	1.074386	0.015478	0.53975	1	1
CG15124	1434.027	0.366116	0.100139	1	1
Obp56d	78.01741	-0.99581	0.314465	0.416465	1
TTLL6A	3618.336	-0.00726	0.090405	1	1
Ir56d	3.282243	0.032098	0.449678	1	1
Ir56c	0.169892	0.02982	0.611184	0.934191	1
Ir56b	0.169892	0.02982	0.611184	0.934191	1
CG11007	448.9363	0.518729	0.126291	1	1
CG15120	1.268685	-0.04116	0.510232	1	1
hpo	261.9385	-0.40521	0.139605	1	1
Oseg6	84.26287	-0.15047	0.227228	1	1
TBCB	409.6377	0.043148	0.130409	1	1
CG7744	109.6459	0.047901	0.183557	1	1
Arl6	8.458208	-0.13068	0.406007	1	1
cer	66.96998	0.067968	0.228909	1	1
CG11257	37.8718	0.086207	0.284399	1	1
CG10081	1.143749	-0.0188	0.540696	1	1
CG10073	9.880168	0.35762	0.466225	0.761017	1
CG10062	255.4832	-0.07768	0.158509	1	1
CG9416	185.7233	-0.01812	0.173431	1	1
CG10051	3.295079	0.151449	0.484815	0.918791	1
fest	8776.975	-0.01993	0.101738	1	1
CG7461	264.2202	-0.64497	0.156589	1	1
Tab2	259.9684	-0.14702	0.143126	1	1
mip40	660.7934	-0.01653	0.104014	1	1
AANATL4	0.44584	0.067902	0.623326	0.669974	1
AANATL6	0.084946	0.016718	0.607437	1	1
CG10474	1.457251	0.130615	0.558633	0.661931	1
CG11906	231.9198	0.339094	0.161692	1	1
tbrd-2	882.764	0.088211	0.103114	1	1
CG7137	305.7659	-0.12985	0.133495	1	1
CG15116	7.081521	0.022224	0.597532	1	1
CG15115	0.249444	-0.04453	0.618442	0.811316	1
Topors	672.4985	0.300488	0.11826	1	1
Jheh3	58.33974	0.419293	0.263103	1	1
Jheh1	183.5543	0.218258	0.163171	1	1
CG18190	518.2827	-0.09829	0.124506	1	1
CG15084	99.43414	-0.59995	0.232958	1	1
MetRS	1428.265	0.404281	0.087619	1	1
CG15099	601.1776	0.016692	0.115081	1	1
CG15083	178.023	-0.07243	0.156574	1	1
CG15098	1912.211	-0.2468	0.086637	1	1
CG15082	65.90572	-0.01623	0.235774	1	1
CG15080	4.447168	0.134095	0.46614	1	1

Jabba	376.1912	-0.431	0.128094	1	1
Cyp12b2	57.71749	-0.22903	0.258251	1	1
CG18609	52.29382	0.777077	0.351326	0.711583	1
Vps51	387.5979	-0.15779	0.126363	1	1
CG15073	175.97	-0.08232	0.171717	1	1
Sik3	161.9066	-0.32292	0.176025	1	1
CG15071	76.61545	1.006055	0.307735	0.408083	1
CG30122	993.093	-0.15219	0.101619	1	1
zda	2125.486	0.284581	0.086066	1	1
Eip55E	214.8497	-0.19517	0.163818	1	1
Rgk2	24.78362	0.034641	0.299278	1	1
Sec6	181.1076	0.143629	0.163936	1	1
Pepck2	4.477484	0.004639	0.42333	1	1
CG43066	58.9867	-0.07021	0.266627	1	1
CG5335	56.70617	0.187957	0.235388	1	1
GstE11	42.50572	-0.50816	0.328644	1	1
CG5323	410.8043	0.111506	0.133784	1	1
CG17669	1049.972	0.578223	0.093862	1	1
CG10927	22.49779	-0.0848	0.301747	1	1
rswl	217.2829	-0.05572	0.144224	1	1
Ttd14	224.7342	-0.15234	0.158461	1	1
PIG-O	276.8097	-0.0078	0.144158	1	1
GstE8	81.6181	0.638792	0.282757	1	1
GstE7	58.23173	-0.23968	0.27467	1	1
GstE6	231.1391	-0.33827	0.157359	1	1
GstE5	61.08357	-0.63651	0.278507	1	1
GstE4	2.423828	-0.06102	0.474041	1	1
GstE3	413.1555	-0.40884	0.122812	1	1
GstE2	26.53935	-0.02479	0.304906	1	1
GstE1	310.9065	0.013575	0.140937	1	1
GstE10	59.80034	-0.67677	0.308262	1	1
ldgf5	43.56212	-0.51832	0.316272	1	1
IM1	11.10932	-0.09989	0.40609	1	1
IM23	1.084256	0.016235	0.532523	1	1
CG18540	1.960606	-0.12206	0.543709	0.733889	1
CG18537	0.704484	0.018046	0.563002	1	1
CG18536	9.591418	0.055171	0.368787	1	1
CG14500	1.174092	-0.07371	0.553319	0.858609	1
CG5721	763.1624	0.056122	0.104924	1	1
nopo	179.2602	-0.30466	0.189449	1	1
CG5726	122.0331	0.326442	0.209794	1	1
CG10916	135.9889	-0.09527	0.183626	1	1
Nup75	303.4012	0.241841	0.13812	1	1
CG10915	53.99596	-0.25434	0.266147	1	1
CG10914	91.58803	-0.41034	0.213356	1	1
adp	706.1901	0.345147	0.104008	1	1
CG5742	34.00831	-0.05275	0.291229	1	1
Sema5c	89.15971	-0.00545	0.226554	1	1
EMRE	60.86899	0.002373	0.22459	1	1
CG5757	167.534	-0.3945	0.17856	1	1

CG34386	55.34753	0.06161	0.241411	1	1
CG10912	1.995208	0.06252	0.490948	1	1
CG10911	1.639761	0.110018	0.573309	0.666417	1
Muc55B	3.055468	0.079231	0.456891	1	1
CG5767	0.833171	0.102904	0.591325	0.633115	1
CG5770	6.087653	0.699958	0.815143	0.117979	1
CG5773	46.53336	0.126936	0.268074	1	1
CG10910	17.29569	-0.27858	0.370553	1	1
CG5084	19.31877	-0.31608	0.367198	1	1
CG14491	0.136348	0.016718	0.607437	1	1
CG14490	0.365815	0.016717	0.607437	1	1
olf186-M	45.40468	0.479178	0.302888	1	1
Dhit	319.0671	0.658312	0.159975	1	1
CG5033	182.2198	-0.38298	0.172064	1	1
CG6362	3.014829	0.257866	0.6575	0.307556	1
CG18635	29.35808	0.503236	0.373325	1	1
CG14488	1392.968	0.087103	0.099091	1	1
OstDelta	758.9123	-0.17529	0.105596	1	1
CG5009	276.3701	0.431721	0.147488	1	1
Sardh	5.266468	-0.05091	0.439039	1	1
CG5002	127.9147	-0.39724	0.192542	1	1
CG10931	446.7747	-0.14437	0.112045	1	1
sub	768.3325	0.690279	0.110625	1	1
Ir54a	4.51056	0.091484	0.46753	1	1
Vps50	107.2477	0.399567	0.203885	1	1
PIG-A	74.77939	-0.30458	0.245472	1	1
CG4984	13.50389	0.026643	0.357452	1	1
P32	268.2725	-0.72007	0.156108	1	1
Snx16	83.22416	-0.20501	0.228892	1	1
eIF3c	1383.379	-0.26305	0.105612	1	1
Dlish	9.970971	0.266653	0.431308	1	1
CCHa1-R	56.99695	-0.02703	0.249717	1	1
CG10934	2482.198	0.383763	0.093856	1	1
Oxp	11.28216	-0.22574	0.384672	1	1
CG10936	69.98301	0.042616	0.233502	1	1
ND-51L1	1171.387	0.545464	0.094936	1	1
rdgBbeta	159.1907	0.054267	0.166601	1	1
icln	172.0809	-0.86641	0.194711	1	1
swi2	46.53236	0.534007	0.307305	1	1
RhoGAP54D	88.25428	0.332698	0.226661	1	1
CG14483	2.681178	-0.06593	0.474237	1	1
CG42562	8.534539	0.045438	0.379799	1	1
CG6484	32.80695	-0.24568	0.285925	1	1
UQCR-6,4	287.1738	-0.13553	0.14847	1	1
Ns2	537.4213	-0.13959	0.105395	1	1
CG14480	2639.855	0.183034	0.080403	1	1
Cc2d2a	266.2095	0.162921	0.149501	1	1
CG4866	117.6462	-0.4267	0.203209	1	1
APC10	93.75248	-0.20667	0.20939	1	1
insb	0.475529	-0.0052	0.593302	1	1

Tes	97.0024	-0.27228	0.208975	1	1
CG10764	144.997	0.529441	0.191769	1	1
CG18467	1.786545	0.154785	0.56898	0.582739	1
Lhr	127.873	0.728637	0.252636	1	1
Bap55	193.0043	-0.66452	0.182073	1	1
Mtap	261.8022	-0.28323	0.151051	1	1
CG6550	72.22136	-0.15064	0.215583	1	1
Camp	392.7139	0.65273	0.129086	1	1
CG12699	31361.31	0.1294	0.067939	1	1
CG18469	151.5059	0.692717	0.194445	1	1
CG10950	1218.719	1.026157	0.110587	0.583155	1
CG10953	0.755134	0.027565	0.56649	1	1
CG17287	273.3711	0.563418	0.147934	1	1
CG17290	12.58483	0.159246	0.363473	1	1
Gbp2	212.673	-0.73231	0.191509	1	1
Gbp1	45.15054	-0.32517	0.268229	1	1
CG11400	161.9705	-1.13429	0.231209	0.238576	1
Cda9	2.038425	-0.05118	0.493192	1	1
CG15605	1044.575	-0.07091	0.094176	1	1
CG30456	131.5777	0.110865	0.182702	1	1
CG6984	23.73014	-0.12294	0.309877	1	1
CG8950	46.12875	-0.08767	0.257293	1	1
CG9646	393.9791	0.410165	0.128403	1	1
SmydA-6	6.554283	-0.10952	0.417613	1	1
SmydA-7	18.75001	0.259775	0.392941	1	1
CG6805	105.3025	-0.16543	0.19588	1	1
NiPp1	314.597	0.220775	0.138227	1	1
AsnRS-m	45.80634	-0.15025	0.250712	1	1
ste24a	1443.6	0.276579	0.087491	1	1
ste24b	1543.287	-0.22186	0.083919	1	1
CG9010	2807.47	0.162451	0.098389	1	1
Vha16-4	52.16551	0.878713	0.390565	0.465522	1
CG15614	0.254838	0.04167	0.61594	0.837012	1
CG8910	0.934711	0.111408	0.622211	0.52913	1
CG6472	3.165663	0.195142	0.526906	0.663241	1
CG6435	3.75199	-0.27371	0.596822	0.401937	1
CG6429	0.576642	0.054649	0.586221	0.843748	1
CG6426	46.98453	-0.40963	0.277425	1	1
IntS8	63.98887	-0.0349	0.225627	1	1
CG5550	2.825238	-0.0198	0.451743	1	1
CG15615	0.272696	0.042244	0.616213	0.832444	1
CG5065	853.6571	0.049967	0.102569	1	1
CG5089	27108.06	-0.19924	0.079084	1	1
CG15617	0.169892	0.02982	0.611184	0.934191	1
CG8303	36.05054	-0.08339	0.274571	1	1
CG8306	148.0643	-0.03408	0.16912	1	1
CG8311	147.1921	-0.45252	0.177718	1	1
loopin-1	35003.88	-0.04825	0.088314	1	1
S-Lap8	22490.38	0.154336	0.084212	1	1
CG15712	0.169892	0.02982	0.611184	0.934191	1

CG7848	2218.279	0.476368	0.094615	1	1
jtb	269.528	1.136146	0.166101	0.208984	1
CG15711	964.4423	0.0693	0.097795	1	1
CG15710	110.7227	-0.09595	0.192542	1	1
wcd	50.89678	-0.1294	0.253278	1	1
Nup62	745.3227	0.274227	0.097836	1	1
CG4282	41.82897	-0.25515	0.272479	1	1
CG8060	182.4775	-0.43238	0.172487	1	1
Nox	1.459203	0.017455	0.523738	1	1
Atg9	75.78345	-0.03055	0.209561	1	1
CG7747	91.41372	-0.28433	0.212262	1	1
CG30099	519.6057	-0.07947	0.124403	1	1
CG9068	3.10934	0.038332	0.474461	1	1
CG7755	2123.423	-0.10881	0.086605	1	1
CG15705	624.2419	0.074022	0.107072	1	1
prim	2.180368	0.02235	0.466613	1	1
CG15708	1180.981	0.51024	0.096314	1	1
krimp	283.7137	-0.20032	0.135224	1	1
CG3687	928.368	0.657935	0.099881	1	1
CG15701	9.713614	0.257062	0.421012	1	1
CG15706	49.17916	-0.65542	0.321719	1	1
clu	1147.428	0.045601	0.111975	1	1
CG8441	232.5424	-0.02873	0.175775	1	1
Ptp52F	35.13485	0.284948	0.293909	1	1
CG8435	169.5614	-0.27099	0.162895	1	1
lbk	239.9941	0.112717	0.160147	1	1
CG10734	6580.634	0.889979	0.102226	1	1
CysRS	266.6078	-0.02912	0.131335	1	1
Jhedup	2.911988	0.049819	0.470208	1	1
CG8414	162.1053	-0.21334	0.170322	1	1
SP2353	12.00591	0.351195	0.42299	0.967329	1
CG8399	19.34871	-0.11018	0.31707	1	1
CG8397	1288.55	0.193626	0.099738	1	1
CG8388	698.8333	0.365875	0.10213	1	1
Ufc1	95.59566	-0.25535	0.208312	1	1
CG8370	175.7837	-0.26466	0.162304	1	1
CG8320	92.88347	-0.05604	0.213723	1	1
Pex11	38.82016	-0.32305	0.293075	1	1
CG8314	151.5549	-0.17992	0.177058	1	1
CG8366	253.4913	-0.33655	0.146309	1	1
Cyp4aa1	3.483572	-0.0375	0.462975	1	1
CG8299	11.95763	0.082967	0.36446	1	1
bug	352.1235	-0.06671	0.132033	1	1
tun	226.1982	-0.18581	0.169003	1	1
CG8249	13.37823	0.296588	0.397267	1	1
CG30089	40.45405	0.103632	0.269296	1	1
Cep89	227.4377	0.524446	0.153705	1	1
Ir52d	0.76611	-0.0534	0.573286	0.889655	1
CG8207	98.72558	0.059584	0.200241	1	1
Ir52a	0.924931	-0.10576	0.617429	0.5551	1

CG8204	488.2434	0.645686	0.125137	1	1
CG12964	24.59328	0.497109	0.400178	0.920776	1
CG8195	169.237	-0.48765	0.222467	1	1
CG8180	122.8743	-0.20077	0.183739	1	1
CG8192	22.12501	-0.16004	0.330567	1	1
Stacl	87.67372	0.117627	0.218107	1	1
eIF2Bgamma	119.1007	-0.22453	0.185253	1	1
CG8187	68.08494	-0.39179	0.261658	1	1
CG30467	123.9107	-0.53983	0.194548	1	1
unc-5	365.0926	-0.27882	0.132195	1	1
Hr51	68.86795	0.436616	0.244746	1	1
CG8160	22.46102	0.254517	0.344681	1	1
CG8157	2.171848	0.259696	0.646783	0.321889	1
CG8155	403.5518	-0.24009	0.130236	1	1
CG8152	136.7446	0.103891	0.17864	1	1
ItgaPS4	18.23243	-0.11251	0.332124	1	1
mRpl41	80.5545	-0.15858	0.218053	1	1
CG11808	120.4268	-0.03003	0.18315	1	1
CG8093	6.09985	0.228616	0.479349	0.821984	1
CG11807	742.7934	0.266477	0.107016	1	1
GPHR	321.5695	0.309024	0.135719	1	1
CG7544	9.800248	-0.17661	0.382961	1	1
CG8089	3.77483	-0.05254	0.457754	1	1
pcs	265.2368	-0.25206	0.146737	1	1
CG10257	3.171024	0.081128	0.485599	1	1
Lap1	420.6976	0.188755	0.129809	1	1
ADPS	275.9658	-0.02723	0.13344	1	1
Cyp317a1	21.01321	0.004569	0.307307	1	1
Cyp6a21	10.7866	-0.01271	0.361317	1	1
Cyp6a20	148.1526	-1.19912	0.259283	0.15625	1
Cyp6a19	3.746317	0.198073	0.485627	0.833096	1
Cyp6a23	58.08185	1.243949	0.386138	0.120371	1
Pcf11	363.5557	-0.07487	0.12268	1	1
HPS1	95.36565	0.410394	0.20845	1	1
Ciao1	223.0241	-0.24824	0.148651	1	1
SMC2	351.758	-0.75877	0.15019	1	1
CG10209	113.1984	-0.32604	0.198006	1	1
Pgm2b	2364.719	0.093122	0.086937	1	1
Spred	387.7636	-0.50039	0.133236	1	1
CG12857	1094.498	0.978904	0.108604	0.904242	1
Trs31	84.89815	-0.3793	0.244695	1	1
ND-B15	389.2347	0.034477	0.128024	1	1
jef	3.254037	0.009979	0.466645	1	1
CG12866	440.8474	1.207054	0.138696	0.065071	1
CG12860	27206.53	-0.3477	0.072194	1	1
CG12861	22103.18	-0.21588	0.070866	1	1
Adgf-E	2015.455	-0.15794	0.090296	1	1
CG10139	183.9123	-0.13245	0.163084	1	1
CG12863	54.34794	-0.3516	0.251439	1	1
CG12868	82.52226	-0.09826	0.222203	1	1

CG12869	39.60103	0.349842	0.293468	1	1
Cpr51A	152.3193	-0.21957	0.195955	1	1
Achl	2.875414	-0.0839	0.494343	1	1
Sin1	166.8907	-0.14009	0.166544	1	1
CG17385	425.8619	-0.4526	0.11833	1	1
CG10104	232.2597	0.775444	0.1633	1	1
Dh44-R1	3.690508	-0.0215	0.449182	1	1
Obp50e	5.350073	0.142628	0.428552	1	1
Arc2	75.48773	-0.90005	0.336668	0.540008	1
Arc1	4130.704	-0.27353	0.218149	1	1
CG8617	627.7672	0.450395	0.111062	1	1
CG8613	480.4786	0.344912	0.120817	1	1
Usp20-33	2141.275	-0.01378	0.094377	1	1
CG15870	3.685647	-0.05176	0.446883	1	1
tej	74.89991	-0.40028	0.255558	1	1
RpS23	3069.486	-0.57632	0.103975	1	1
CG13326	1710.138	0.509884	0.111518	1	1
conv	112.1142	0.65391	0.221425	1	1
VGAT	0.280869	-0.00449	0.605571	1	1
CG3955	344.1058	-0.17171	0.134142	1	1
CG30069	143.3944	-0.26911	0.181525	1	1
CG13325	2.292055	0.091638	0.497238	1	1
ReepB	577.2107	0.102502	0.116043	1	1
beta4GalNAcTA	83.94684	-0.16352	0.209979	1	1
Drl-2	32.07011	0.356845	0.336035	1	1
CG8531	3901.247	-0.20303	0.076982	1	1
CG13324	2.603444	0.034103	0.455378	1	1
CG18327	7.489484	-0.13926	0.403355	1	1
CG8323	111.5678	-0.00759	0.197747	1	1
SmydA-1	26.18785	0.216011	0.317256	1	1
CG13323	8.895807	0.998232	0.972525	0.057109	1
eIF3m	1580.972	0.010427	0.088259	1	1
CG13321	267.3097	-1.16219	0.162329	0.155403	1
O-fut1	40.54196	-0.38282	0.2946	1	1
CG44250	58.04678	-1.22758	0.365424	0.132562	1
CysRS-m	2898.91	-0.06065	0.076169	1	1
CG13016	45.7585	-0.27048	0.278087	1	1
pea	101.0384	-0.33835	0.211398	1	1
CG17019	125.5008	-0.35018	0.206106	1	1
sug	34.68724	-0.29771	0.324653	1	1
CG42288	1071.216	0.070925	0.089255	1	1
CG13319	97.67174	-0.22363	0.229746	1	1
Prosap	259.4287	-0.27767	0.170741	1	1
CG18371	926.6725	0.13207	0.104624	1	1
CG8067	146.7336	-0.15942	0.176056	1	1
CG17574	251.8671	0.1545	0.141963	1	1
Ctf4	139.0363	0.20043	0.178316	1	1
CG6701	1998.686	0.536407	0.112249	1	1
Cyp9h1	6.588513	0.110835	0.435362	1	1
CG18568	4064.066	0.021434	0.081561	1	1

CG12374	9.743928	0.515747	0.581335	0.356234	1
St4	83.07711	-0.13682	0.214191	1	1
mRpL18	128.9722	-0.32932	0.183352	1	1
Mos	3.281917	-0.02587	0.453307	1	1
DJ-1alpha	269.6914	0.793206	0.161857	1	1
CG42663	162.7352	-0.13404	0.171328	1	1
CG13344	369.2142	0.316969	0.136375	1	1
CG16935	714.7507	0.042164	0.10733	1	1
Uba3	235.5724	-0.06144	0.152528	1	1
wuc	440.857	-0.39183	0.154979	1	1
CG8768	68.51302	-0.03149	0.221606	1	1
tum	221.1621	0.150603	0.155347	1	1
Obp49a	9.271215	0.178841	0.40509	1	1
Nup188	122.4774	-0.2299	0.191387	1	1
CG30484	108.7873	0.327728	0.218655	1	1
Syngt	24.40945	0.926497	0.520537	0.250212	1
CG6357	4780.477	-0.34004	0.20426	1	1
CG8646	48.62089	-0.22727	0.254552	1	1
CG6347	2.467449	0.033367	0.487405	1	1
CG6337	0.664367	-0.09393	0.611868	0.603505	1
CG8778	175.7067	-0.44811	0.175709	1	1
CG13339	86.51729	-0.14807	0.201009	1	1
spt4	117.9612	-0.25458	0.19491	1	1
Cpr50Cb	8.330123	0.138388	0.407838	1	1
S-Lap7	34942.66	-0.09292	0.081944	1	1
Cpr50Ca	11.38091	0.429628	0.474186	0.678064	1
CG6280	5.116806	-0.15343	0.450693	1	1
ClC-b	226.8738	-0.14485	0.159186	1	1
CG6220	348.9234	-0.15969	0.139659	1	1
Ak6	84.06536	-0.52248	0.239689	1	1
CG18368	2113.159	-0.23666	0.084858	1	1
Cyp301a1	21.5651	0.312361	0.348296	1	1
CG13337	7119.379	-0.0663	0.071956	1	1
CG8569	232.7548	0.052988	0.152681	1	1
CG6209	8204.218	-0.32967	0.074769	1	1
CG12464	783.0297	-0.02382	0.094143	1	1
CG8818	579.146	0.063249	0.118276	1	1
CG13151	91.53764	0.08271	0.199569	1	1
S-Lap5	2919.345	0.281373	0.08878	1	1
s-cup	86.5208	-0.07998	0.215735	1	1
fand	134.6326	-0.23335	0.18263	1	1
CG6191	5.598633	-0.13728	0.429973	1	1
CG13334	965.6625	0.0913	0.105907	1	1
link	6.717478	-0.0178	0.398707	1	1
Nepl10	14.47468	-0.13943	0.342715	1	1
Roe1	2146.054	0.062841	0.079252	1	1
CG8545	268.7147	-0.45536	0.146785	1	1
dgt5	98.43091	-0.4165	0.208426	1	1
Nup54	1020.982	-0.14645	0.096062	1	1
CG13154	3.289871	-0.06561	0.450527	1	1

Dera	2185.098	0.071893	0.092715	1	1
CG8520	1225.992	-0.23234	0.088173	1	1
mip120	56.243	-0.12305	0.250667	1	1
CG8834	12.99032	0.175694	0.402336	1	1
mars	987.0124	0.652424	0.098472	1	1
cbc	304.8972	0.315775	0.135314	1	1
cbs	578.3162	-0.01628	0.105275	1	1
Cpr49Af	0.275948	0.042618	0.616394	0.829472	1
Ser8	7.48971	0.125912	0.404167	1	1
Cpr49Ae	1.919617	-0.11933	0.513764	0.86043	1
Cpr49Ad	0.957981	0.027919	0.546303	1	1
CG30059	3.449102	0.09595	0.469012	1	1
CG8501	11.02023	-0.05862	0.378654	1	1
CG13155	12.93281	-0.26447	0.407853	1	1
Cpr49Ab	0.748333	-0.11436	0.654156	0.449048	1
CG10814	0.745061	0.04077	0.555034	1	1
CG17048	506.2711	0.854775	0.120775	1	1
CG17047	4.535316	-0.01525	0.429034	1	1
ana3	405.3593	-0.21064	0.125884	1	1
Den1	1112.214	0.006503	0.096497	1	1
CG8490	110.2095	-0.81268	0.245455	1	1
CG4714	2399.714	0.55707	0.091021	1	1
CG17739	176.5252	-0.47887	0.206541	1	1
GstE14	12.76917	0.186713	0.368376	1	1
CG4679	203.127	-0.2393	0.149273	1	1
CG4676	109.7365	0.468017	0.211534	1	1
CG42700	2.579834	-0.03847	0.469918	1	1
Vha36-2	1586.549	-0.25905	0.087826	1	1
Qsox1	2929.521	-0.2984	0.100274	1	1
fsd	232.3624	0.044168	0.157767	1	1
CG43316	0.914414	-0.13566	0.634047	0.454049	1
Pex13	254.9089	0.004666	0.156362	1	1
CG13170	4.247603	0.043521	0.420695	1	1
CG8854	17.21185	0.302451	0.364001	1	1
wash	2529.317	-0.53129	0.093516	1	1
CG4646	143.9858	-0.11268	0.186029	1	1
CG13171	182.0335	-0.0061	0.165908	1	1
CG8860	41.9678	-0.18175	0.268546	1	1
CG4630	14.93465	0.465178	0.502375	0.562695	1
EndoG	56.11148	-0.19886	0.2469	1	1
CG4627	129.0601	-0.37108	0.210817	1	1
CG8858	339.9782	-0.47905	0.128095	1	1
Cyp6t3	3.317567	-0.09633	0.471986	1	1
Prp8	483.8151	-0.65975	0.125317	1	1
Cyp6g2	7.943683	0.214859	0.418645	1	1
CG8407	942.9607	0.408696	0.106843	1	1
Hen1	347.6868	-0.1655	0.133878	1	1
OSCP1	11.43051	-0.10006	0.365956	1	1
Smyd4-4	940.775	0.392104	0.119323	1	1
SkpB	1338.838	0.340963	0.10329	1	1

CG18343	426.0823	0.060344	0.119179	1	1
jeb	2.809352	0.052182	0.482379	1	1
CG13186	1461.938	-0.18265	0.086195	1	1
CG8888	95.23873	0.314514	0.236206	1	1
Drep3	189.1236	0.369525	0.162678	1	1
Drep1	34.58303	-0.25826	0.293953	1	1
CG8321	46.47577	-0.22784	0.253981	1	1
pds5	231.2568	0.017639	0.160502	1	1
reb	3.902166	-0.22072	0.509148	0.701399	1
Zip48C	114.0092	-0.42846	0.194208	1	1
cuff	43.67899	-0.03959	0.261285	1	1
Twdlbeta	1.884881	-0.11317	0.532728	0.799042	1
Sln	20.56057	-0.01883	0.310374	1	1
S2P	444.0784	0.181742	0.124392	1	1
Sobp	13.55854	-0.01925	0.345448	1	1
CG13192	126.0906	0.080884	0.184251	1	1
ths	35.2371	0.013836	0.29936	1	1
lr48c	1.091979	0.11161	0.598976	0.588145	1
lr48b	1.505532	0.060318	0.521105	1	1
CG13197	1584.693	-0.22694	0.08393	1	1
CG13196	2.979794	-0.19092	0.537298	0.631277	1
Tret1-2	450.7516	0.476965	0.123174	1	1
Roc2	90.08948	-0.10288	0.208198	1	1
CG13198	0.977816	0.12902	0.621744	0.49292	1
CG9003	396.3929	-0.14314	0.133912	1	1
CG9005	218.248	0.464122	0.171205	1	1
Egm	200.4843	-0.38631	0.175029	1	1
sprt	31.33065	-0.10404	0.320559	1	1
Tapdelta	900.9068	-0.26706	0.10047	1	1
ix	16.03361	0.03602	0.329858	1	1
CG12384	400.3009	0.176756	0.128792	1	1
CG13202	228.3777	0.371441	0.170351	1	1
kappaTry	0.826262	0.103749	0.623039	0.546224	1
lambdaTry	2.368773	-0.20514	0.584777	0.476239	1
sha	11.83081	-0.15636	0.408521	1	1
CG7745	200.5733	0.288229	0.170183	1	1
CG7741	42.5651	-0.18519	0.263722	1	1
CG18335	3367.013	0.097687	0.075133	1	1
CG13220	633.7651	0.473132	0.113667	1	1
CG9067	91.0236	-0.18575	0.220296	1	1
Cpr47Eg	7.320539	0.074642	0.389363	1	1
Cpr47Ef	0.402161	-0.06186	0.629404	0.681279	1
Cpr47Ee	31.72305	0.242591	0.317221	1	1
Cpr47Ed	0.663807	-0.03962	0.57737	0.957365	1
Cpr47Ec	3.259481	0.151109	0.501349	0.84128	1
CG13223	73.29677	0.824011	0.280436	0.855339	1
metro	73.69687	-0.24573	0.225357	1	1
CG13226	2.008937	0.087237	0.488365	1	1
CG7737	143.6324	-0.15812	0.183009	1	1
Listericin	8.29809	-0.39599	0.498069	0.614477	1

CG9084	9.145668	0.723947	0.664346	0.199807	1
CG13215	6.203421	0.354589	0.526155	0.544961	1
CG12391	86.42207	-0.74926	0.291105	0.989128	1
CG13216	0.084946	0.016718	0.607437	1	1
CG13231	1.223399	-0.19604	0.638836	0.373893	1
CG13229	132.1075	0.414729	0.203526	1	1
CG13227	3.111199	-0.00584	0.461768	1	1
BBS4	2.52941	0.189752	0.553773	0.578465	1
Cyp12d1-p	4.963666	0.378214	0.564783	0.431579	1
CG13228	3.127129	-0.09273	0.461193	1	1
Spn47C	1584.977	-0.02182	0.085557	1	1
CG13218	5.899209	-0.25717	0.476473	0.803343	1
polyph	288.2772	-0.0438	0.131202	1	1
Rpb5	186.052	-0.53633	0.208268	1	1
ND-B14	505.9874	-0.28543	0.111102	1	1
CG12942	78.55812	0.062723	0.213102	1	1
CG30020	305.8646	0.00424	0.15031	1	1
nclb	173.0764	-0.51919	0.169149	1	1
LTV1	573.0797	-0.30954	0.113656	1	1
CG12344	24.17564	-0.02288	0.313871	1	1
CG12325	66.69669	0.009964	0.237263	1	1
CG12343	556.4164	1.095635	0.120256	0.262026	1
RpS15Ab	271.9201	-0.54445	0.147468	1	1
Lsm10	26.56574	0.08083	0.305757	1	1
CG7222	1297.84	0.123352	0.088889	1	1
CG12341	109.852	-0.1451	0.191759	1	1
mms4	54.01113	-0.00434	0.247259	1	1
CG7637	38.99558	-0.29547	0.291505	1	1
CG12935	163.9021	0.166167	0.167575	1	1
wde	331.7051	-0.21809	0.140556	1	1
Mat1	199.4828	-0.55121	0.176724	1	1
CG12338	118.6908	-0.99092	0.234269	0.54852	1
CAH13	3697.441	1.139482	0.088129	0.06923	1
CG12934	1.597217	-0.05649	0.519644	1	1
Elp2	174.628	-0.24514	0.161544	1	1
Git	180.1677	-0.54731	0.172544	1	1
CG17765	603.97	0.103897	0.102047	1	1
trsn	305.1646	-0.29589	0.145941	1	1
Caf1-105	297.9332	0.218796	0.13746	1	1
CG12895	103.5838	0.294428	0.200279	1	1
CG12896	152.3864	0.235062	0.226371	1	1
CG11825	28.25884	0.136414	0.294782	1	1
CG46298	6738.155	-0.26168	0.073414	1	1
Obp46a	2.338699	-0.03846	0.478586	1	1
CG12909	183.8335	-0.51572	0.208937	1	1
CG12910	0.921369	0.129895	0.606943	0.526406	1
CG12911	0.855089	0.040099	0.555198	1	1
CG12913	2.502656	0.118039	0.520001	0.837271	1
CG12914	510.6387	-0.03643	0.122231	1	1
CG12209	1329.409	0.223452	0.085401	1	1

CG18011	126.9032	-0.26828	0.199505	1	1
CG12917	775.7799	-0.04681	0.098252	1	1
dmpd	491.078	-0.03292	0.111244	1	1
RpLP0-like	185.4068	-0.45189	0.199449	1	1
CG1371	635.5131	-0.11985	0.111391	1	1
eIF3j	1296.53	0.058235	0.094669	1	1
CG12920	3.006398	-0.01776	0.448735	1	1
CG12133	10.60623	-0.10476	0.362834	1	1
PIG-N	264.4461	0.501099	0.153384	1	1
CG1418	3445.965	-0.15727	0.078777	1	1
Pdrg1	40.0112	-0.23871	0.266551	1	1
sel	486.0684	-0.35263	0.120812	1	1
Pal1	790.08	0.268548	0.101823	1	1
oys	1816.251	-0.04599	0.088705	1	1
Etf-QO	138.5152	-0.2879	0.176779	1	1
CG12129	535.1229	-0.65845	0.147917	1	1
CG1513	591.9158	0.182297	0.116988	1	1
CG12923	1052.223	0.502015	0.09827	1	1
Sec24AB	2163.601	-0.16675	0.087101	1	1
CG18446	8.057109	0.063749	0.407894	1	1
CG1671	87.56521	-0.66246	0.247399	1	1
Sting	81.82862	0.10698	0.215869	1	1
Vamp7	383.1272	-0.20808	0.12657	1	1
Marc	76.2034	0.077311	0.223751	1	1
Lsm11	13.58742	0.292399	0.383452	1	1
CG1663	350.9987	0.036912	0.1281	1	1
dila	432.9634	0.100495	0.121772	1	1
CG1698	105.1353	-0.0809	0.198165	1	1
CG1688	10.6362	-0.26608	0.415934	1	1
CG1690	3642.009	0.217855	0.072739	1	1
CG10459	380.9636	1.106086	0.136427	0.252481	1
CG1773	14.12553	0.445844	0.442056	0.790764	1
CG12926	59.61524	-1.0196	0.388963	0.301478	1
GstT1	379.9045	0.123158	0.132419	1	1
CG1827	651.4917	-0.62672	0.131692	1	1
CG12929	123.958	0.069202	0.192245	1	1
Updo	435.9989	-0.23603	0.128022	1	1
CG1888	136.8413	-0.41632	0.202969	1	1
Camta	259.8767	0.269968	0.169084	1	1
prel	811.562	0.054602	0.106154	1	1
CG13955	2.55959	-0.02854	0.459479	1	1
Non1	1108.296	-0.10372	0.092088	1	1
CG8800	87.83866	0.368428	0.222064	1	1
l(2)03659	63.44343	0.322215	0.248406	1	1
CG13739	0.364551	0.029819	0.611184	0.934194	1
Myd88	104.3967	-0.11387	0.201259	1	1
Drep2	29.78944	0.271852	0.302104	1	1
Mad1	226.3378	-0.81	0.160731	1	1
CG2063	151.2613	-0.37782	0.180233	1	1
Cyp4p3	150.0122	-0.15858	0.193018	1	1

Cyp4p2	142.092	-0.51122	0.189925	1	1
CG8027	35.02732	0.068954	0.284492	1	1
Rme-8	437.0436	0.166019	0.140862	1	1
Rad51D	7.420912	0.204981	0.447391	1	1
CG8008	714.7989	0.498955	0.156681	1	1
Prp38	93.87193	-0.5937	0.231559	1	1
shrb	965.2085	-0.16124	0.094327	1	1
GstE13	33.96383	-0.43467	0.30847	1	1
Mys45A	263.7561	-0.22922	0.142062	1	1
tsu	358.4455	-0.50385	0.158426	1	1
Pgm2a	8086.51	-0.2702	0.087234	1	1
PPO2	153.1652	1.060739	0.278791	0.344842	1
CG8777	78.54374	0.20962	0.218311	1	1
Ance-4	8.431113	-0.29451	0.50529	0.651085	1
CG8078	76.96553	-0.36413	0.239511	1	1
CG8170	34.38592	0.474587	0.339914	1	1
CG13747	2445.713	0.49883	0.089837	1	1
CG13744	12.27969	0.142789	0.369262	1	1
CG13742	7.209104	0.03377	0.388045	1	1
CG8172	17.99854	0.512052	0.449692	0.705076	1
Np	0.360894	0.05287	0.622219	0.749864	1
CNT1	1260.532	0.382772	0.131869	1	1
CG8197	1290.723	0.424195	0.099492	1	1
Tom7	1303.33	-0.00296	0.094172	1	1
CG13743	12.59765	0.950665	0.706261	0.124288	1
CG8230	628.7726	0.014801	0.103643	1	1
CG13748	12.63207	-0.07392	0.348193	1	1
FANCI	137.7648	-0.0897	0.1785	1	1
CG13749	12.99069	0.60806	0.551477	0.377817	1
PAN2	265.862	-0.15346	0.142999	1	1
AIMP1	246.9035	-0.20558	0.147874	1	1
CG8237	687.6835	0.389314	0.099831	1	1
CG8243	503.9569	-0.58542	0.119164	1	1
Spt	16.8974	-0.18538	0.339296	1	1
CG8248	13.03153	-0.01754	0.3541	1	1
CG30349	239.7647	-0.31869	0.166864	1	1
CG8252	1309.342	-0.07103	0.09544	1	1
CCT8	1300.777	-0.42893	0.086032	1	1
MrgBP	198.9015	-0.37685	0.160969	1	1
CG13751	231.715	-0.0695	0.15957	1	1
CG8272	398.6834	0.16766	0.124921	1	1
CG8746	3669.335	-0.1339	0.084273	1	1
PGRP-SC2	6.357245	0.536885	0.684703	0.216536	1
PGRP-SC1b	1.838967	0.385058	0.908913	0.109046	1
CG14743	133.9588	1.022105	0.216809	0.490075	1
PGRP-SC1a	0.268107	-0.04679	0.619605	0.793673	1
CG12376	1376.517	0.794582	0.114908	1	1
CG8584	1283.583	-0.16726	0.0921	1	1
CG8738	72.82998	-0.3272	0.23065	1	1
CG8586	89.7806	0.188095	0.215382	1	1

CG8635	1095.326	0.108642	0.09215	1	1
Gle1	398.532	-0.0433	0.125453	1	1
beta3GalTII	27.60252	-0.11079	0.289661	1	1
Vps25	351.9953	-0.06373	0.13857	1	1
Cirl	290.9662	-0.045	0.15281	1	1
CG8642	3.066763	-0.07469	0.467832	1	1
Ln timer	1282.39	0.014356	0.082527	1	1
CG8736	3.564926	-0.15627	0.50386	0.819687	1
CG14752	1.161021	-0.01407	0.527879	1	1
Cyp6a13	107.0152	0.53542	0.225395	1	1
Cyp6a14	8.374014	-0.29922	0.451822	0.877163	1
Mal-A8	2.362379	0.150949	0.522293	0.751768	1
Mal-A7	2.057481	0.114105	0.68727	0.378723	1
Mal-A5	53.78989	-0.28661	0.263956	1	1
Mal-A4	0.545392	0.072742	0.63174	0.625478	1
Cyp4ad1	266.643	0.846755	0.166973	1	1
CSN7	791.7346	-0.28413	0.101049	1	1
CG2121	13.8968	-0.00898	0.345692	1	1
pdm3	211.6152	0.179834	0.194585	1	1
CG8701	27359.46	-0.23742	0.076636	1	1
CG18449	12365.25	-0.11357	0.075114	1	1
boly	3802.763	-0.1944	0.079325	1	1
CG11635	2609.437	-0.29814	0.093844	1	1
CG30371	0.424729	0.059923	0.627155	0.69749	1
CG12126	1230.42	-0.02401	0.104931	1	1
CG2291	2024.422	0.16467	0.092912	1	1
CG14759	405.1115	0.080253	0.123311	1	1
CG14760	26.50698	0.365811	0.355238	1	1
CG14756	1.468394	0.088706	0.535856	0.864524	1
CG14757	1386.387	0.176127	0.098116	1	1
Gas2	149.1162	-0.11936	0.171803	1	1
RagC-D	280.7587	-0.40585	0.13862	1	1
Lpin	1126.44	0.355507	0.118366	1	1
Obp44a	11793.42	-0.48494	0.097327	1	1
Nup50	379.0472	-0.67903	0.138296	1	1
Cul4	388.8852	-0.34219	0.131389	1	1
CG11210	220.1164	-0.19182	0.156944	1	1
CG14763	1120.721	0.334948	0.096987	1	1
sand	45.7347	0.097137	0.256968	1	1
CG14762	12.54939	-0.47928	0.513849	0.522231	1
azot	556.9929	0.526816	0.14085	1	1
CG11191	2.572756	0.560193	1.079664	0.063587	1
Dic3	948.2438	-0.13591	0.095193	1	1
CG8728	3718.254	-0.23066	0.083881	1	1
MFS12	30.58773	-0.06332	0.289204	1	1
Kdm4A	250.4467	0.309006	0.143443	1	1
CG30377	10.72908	0.05222	0.375596	1	1
TTL12	149.385	-0.518	0.220595	1	1
CG12824	1.258152	0.03849	0.545913	1	1
CG12825	4.739368	0.069229	0.448365	1	1

CG1946	5.666287	0.019746	0.411846	1	1
Dgat2	14.75302	0.081034	0.35068	1	1
CG1941	25.37985	0.212647	0.315035	1	1
U2A	148.571	-0.39853	0.177828	1	1
CG12107	564.323	-0.06455	0.109636	1	1
mRpL52	201.9576	-0.57424	0.181371	1	1
CG12826	3.693102	0.00982	0.431797	1	1
DCTN4-p62	82.28941	-0.14896	0.208279	1	1
CG2064	288.6824	-0.41033	0.153062	1	1
CG2065	69.78731	0.162761	0.229535	1	1
CG2070	1.502424	0.148785	0.569251	0.592324	1
CG1339	2.606512	0.014943	0.469685	1	1
CG30491	656.1246	0.602122	0.111141	1	1
CG17985	43.44426	-0.31298	0.285182	1	1
CG1360	45.4135	-0.10301	0.268352	1	1
Vps13	422.8254	0.184415	0.138789	1	1
Rpe	1434.431	-0.04591	0.09601	1	1
CG1598	822.8271	-0.10404	0.098344	1	1
Gpo2	2461.886	-0.2023	0.096067	1	1
PIG-G	277.9455	0.032849	0.148142	1	1
CG1602	62.34537	-0.23739	0.229771	1	1
CG1603	223.2719	-0.08978	0.14715	1	1
az2	51.00371	0.280622	0.250872	1	1
mEFTu2	2313.631	0.021965	0.088517	1	1
CG1620	344.0714	0.195758	0.136582	1	1
Coop	36.89104	0.346179	0.314447	1	1
p47	1601.711	-0.23089	0.08455	1	1
CG11127	88.31546	-0.11238	0.215059	1	1
CG11125	3034.406	0.615739	0.082557	1	1
fa2h	6.52568	-0.0768	0.416139	1	1
CG11123	208.1866	-0.7527	0.190586	1	1
CG11145	1273.074	-0.01021	0.099973	1	1
Glo1	104.8162	-0.40632	0.205565	1	1
Dhx15	562.0664	0.086614	0.111526	1	1
CG12164	1.248022	-0.30317	0.816183	0.156208	1
pwn	21.15943	-0.40332	0.365642	1	1
Br140	296.1354	-0.13573	0.153987	1	1
CG1850	2.630994	0.28676	0.677636	0.271198	1
CG30384	1491.907	0.191752	0.094412	1	1
Gadd45	62.5292	0.298265	0.240962	1	1
CG11060	1004.073	0.933166	0.119239	1	1
Spn43Ad	20.35449	-0.26115	0.352611	1	1
CG12831	1317.596	0.303511	0.097875	1	1
Pgant3	233.6347	-0.30895	0.14842	1	1
CG17002	193.3322	-0.22711	0.170948	1	1
CG9447	1.929494	0.020893	0.599252	1	1
Cyp6u1	171.0947	0.05474	0.164271	1	1
ubl	142.1181	-0.46803	0.242529	1	1
Hsepi	153.4947	-0.03222	0.170512	1	1
CG15237	81.87484	-0.29088	0.229264	1	1

Spn42De	14.18502	-0.11985	0.343528	1	1
Spn42Dc	731.1357	0.089655	0.102969	1	1
CG9436	128.6434	-0.12513	0.190651	1	1
Spn42Db	95.58381	0.584341	0.233161	1	1
CG3420	152.951	-0.38924	0.198048	1	1
phtf	2748.311	-0.26421	0.098845	1	1
Mob4	998.7039	-0.25358	0.094238	1	1
CG3270	84.56353	0.53955	0.242489	1	1
Tdc1	85.35219	0.471922	0.235239	1	1
CG15909	269.1795	1.126218	0.189809	0.244705	1
CG17266	180.3783	0.306985	0.161103	1	1
CG15908	36.0299	0.314552	0.314864	1	1
sced	60.60453	0.050238	0.245616	1	1
geminin	478.8901	0.279377	0.122197	1	1
Fmo-2	132.3494	0.313261	0.214309	1	1
Bap170	525.6916	-0.40722	0.131651	1	1
CG15233	279.5112	0.646647	0.155	1	1
tomboy40	2663.852	0.264979	0.083945	1	1
CG17994	8.605699	-0.03639	0.396242	1	1
CG30431	330.1439	1.301866	0.18463	0.0376	1
eIF3f2	885.6401	-0.20701	0.108936	1	1
Ptr	242.1723	0.193983	0.144381	1	1
CG11211	2.468287	-0.29878	0.657411	0.29214	1
CG8343	1.832244	-0.0008	0.498501	1	1
CG14589	1710.76	0.645479	0.099434	1	1
SmydA-5	72.11646	0.632701	0.271797	1	1
CG7849	96.16639	0.106882	0.199645	1	1
l(2)k09848	120.1711	-0.5298	0.214102	1	1
CCHa2-R	74.13397	1.278339	0.310138	0.099648	1
CG7856	2089.73	0.109914	0.093331	1	1
Strica	17.55492	-0.01644	0.335838	1	1
Src42A	496.4208	-0.17779	0.135603	1	1
CG7881	11.15966	-0.00492	0.36607	1	1
CG43366	5.252662	0.280455	0.498122	0.689416	1
Gp210	486.4723	-0.31153	0.122928	1	1
CG7791	155.9667	-0.43232	0.190624	1	1
l(2)09851	222.1324	-0.01793	0.148261	1	1
CG17337	744.2252	-0.10933	0.121827	1	1
kune	375.2433	-0.25768	0.132916	1	1
CG8245	1213.029	0.272175	0.089863	1	1
Not3	541.5248	-0.33223	0.126603	1	1
CG1344	231.5787	-0.52244	0.174465	1	1
hrm	1005.658	0.380929	0.096481	1	1
TpnC4	7.58377	0.151171	0.430734	1	1
CG30440	62.34569	0.163232	0.240328	1	1
COX4L	4382.64	0.29091	0.091445	1	1
CG10465	974.9543	0.124465	0.110426	1	1
Ir40a	25.30403	0.218277	0.314279	1	1
CG3635	1.208636	0.073328	0.546787	0.883408	1
Clamp	674.7086	0.226695	0.110528	1	1

RpL21	2801.442	-0.32776	0.092254	1	1
CG3651	272.4515	0.337569	0.138892	1	1
CG6675	494.2856	0.740197	0.131716	1	1
CG10834	421.3455	0.433054	0.135425	1	1
ttm3	1378.208	-0.24007	0.085871	1	1
CG1428	503.0448	0.367044	0.131467	1	1
CG1421	328.8543	0.612247	0.149872	1	1
CG11629	406.4416	0.051842	0.139194	1	1
CG11630	371.2178	0.978566	0.159871	0.749494	1
step	464.9983	-0.14398	0.113626	1	1
Ac3	27.55108	-0.16155	0.302686	1	1
Lamp1	2426.417	-0.02357	0.073847	1	1
CG17571	44.78608	0.363768	0.307641	1	1
CG8665	408.4487	-0.80919	0.1463	1	1
l(2)k14505	266.2221	-0.31003	0.149076	1	1
CG8677	368.2033	-0.08024	0.139786	1	1
Atg18b	131.7594	0.070543	0.182526	1	1
CG8679	39.26656	-0.37036	0.287056	1	1
CG31988	8993.905	0.085321	0.068777	1	1
Mcm10	115.2739	0.529115	0.217026	1	1
CG9246	131.3781	-0.63143	0.203867	1	1
Nbr	149.9181	-0.2326	0.17422	1	1
Coq3	186.582	0.093062	0.152482	1	1
del	363.6365	-0.20305	0.15204	1	1
CG9253	180.7692	-0.45571	0.168227	1	1
l(2)05287	639.9138	0.824624	0.108441	1	1
CG9259	101.7641	1.220914	0.272979	0.137237	1
CG9265	126.4725	0.7945	0.217782	1	1
CG9272	218.2403	-0.09872	0.152273	1	1
RPA2	231.6504	-0.08539	0.144804	1	1
Mtp	90.037	-0.80278	0.253978	1	1
CG14401	179.3748	-0.34652	0.171942	1	1
CG9338	236.0727	-0.16136	0.17535	1	1
CG9336	4480.52	-0.10831	0.184827	1	1
CG14400	5.324952	-0.20733	0.48773	0.810323	1
twit	42.5131	-0.36935	0.316156	1	1
CG14402	2330.835	-0.35564	0.088949	1	1
CG31674	10.50968	-0.19761	0.402617	1	1
Oseg5	12.4433	0.370398	0.45369	0.80459	1
CheB38c	2.732689	0.094764	0.490121	1	1
Pomp	1267.619	0.206494	0.095238	1	1
Rhau	3041.198	0.069635	0.092949	1	1
Ns4	505.818	0.076956	0.114525	1	1
Amacr	83.53084	-0.30729	0.218568	1	1
TM9SF2	1136.621	0.354575	0.099889	1	1
CG2611	66.56947	-0.02966	0.233673	1	1
CG2608	61.04741	0.021353	0.243709	1	1
CG9316	1994.911	-0.01084	0.080607	1	1
CG17470	6730.298	-0.02014	0.068323	1	1
CG2617	117.7462	0.275659	0.192981	1	1

CG15475	2790.399	0.167363	0.079091	1	1
CG2493	129.1093	-0.23027	0.181984	1	1
Cdc23	435.411	0.21783	0.119434	1	1
CG2614	186.4802	-0.16576	0.178414	1	1
CG31688	70.24871	-0.99677	0.312681	0.417235	1
brun	127.1458	-0.1927	0.183564	1	1
CG15130	1.779033	0.080025	0.530881	0.916337	1
Arpc2	691.5112	-0.05079	0.101096	1	1
CG10949	95.9373	-0.14321	0.20088	1	1
CG16798	1.992486	0.039978	0.484511	1	1
CG10651	8.816724	0.191012	0.434096	1	1
CG13970	60.15431	1.081222	0.333936	0.275889	1
Kua	287.7738	0.285419	0.144313	1	1
Taf13	302.3692	-0.16896	0.140986	1	1
Pyroxd1	133.6077	0.129021	0.182079	1	1
CG10747	116.8944	0.234773	0.208341	1	1
CG10730	207.2144	0.53723	0.162432	1	1
bwa	241.9041	-0.0331	0.150776	1	1
vls	114.1024	-0.64155	0.238876	1	1
AANATL3	7.331327	-0.06401	0.408023	1	1
CG43861	11.08921	0.044051	0.374121	1	1
CG16772	911.0715	-0.76159	0.506698	0.37235	1
CG13965	20.41779	0.009584	0.504072	1	1
CG13962	0.140435	-0.00449	0.605571	1	1
CG10466	92.99916	-0.04482	0.215756	1	1
CdGAPr	1871.259	0.180875	0.092972	1	1
CG10463	57.78363	-0.40594	0.249697	1	1
CG10628	195.1739	-0.21642	0.152125	1	1
CG10631	233.6343	-0.08462	0.178897	1	1
Nf-YB	48.73799	0.008243	0.254772	1	1
CG10462	100.8136	0.582417	0.255299	1	1
CG10366	319.5485	0.035465	0.127682	1	1
PCNA2	133.6109	-0.53153	0.205685	1	1
CG10268	250.0588	-0.16987	0.147957	1	1
msb1l	517.8219	0.48395	0.111565	1	1
CG13077	2.60163	-0.1195	0.494302	0.948721	1
CG13078	0.346774	-0.04453	0.618442	0.811314	1
Tep5	12.90468	-0.19923	0.391553	1	1
CG10337	27.8388	-0.02361	0.283526	1	1
CG13081	1.1075	0.018029	0.536224	1	1
CG13082	3.676358	-0.05034	0.455466	1	1
CG10137	52.82206	-0.04638	0.238566	1	1
CG10166	447.7356	0.004327	0.112076	1	1
CG10132	21.19734	0.138115	0.326738	1	1
CG10189	90.70109	-0.03152	0.20517	1	1
CG18094	64.95609	0.325191	0.242985	1	1
CG10194	41.04294	-0.10385	0.256733	1	1
CG13084	1.577208	0.150188	0.592691	0.525476	1
CG10195	37.27082	-0.05318	0.284598	1	1
tj	41.00951	-0.81588	0.372221	0.591906	1

Rab9	87.49484	0.079203	0.207887	1	1
RtcB	372.7857	-0.75505	0.132907	1	1
CG13085	1.878656	0.069854	0.519785	1	1
Alp12	51.7263	0.036984	0.239098	1	1
CG17350	1064.492	-0.44388	0.117721	1	1
CG17349	3461.601	0.116995	0.081747	1	1
CG13086	4.038116	-0.44551	0.696503	0.218776	1
CG10750	1133.275	1.160959	0.109682	0.079362	1
CG17564	2841.303	0.393064	0.084922	1	1
CG5110	105.9922	0.170383	0.200071	1	1
CG10700	62.37217	0.822439	0.358249	0.61742	1
Sgt	1942.817	0.213052	0.08039	1	1
CG17568	68.25115	0.026788	0.24205	1	1
CG18563	5.556788	0.368465	0.58264	0.395291	1
I(2)37Cg	50.38677	-0.11125	0.254653	1	1
SPH93	5.425396	0.198702	0.473382	0.891305	1
DCTN6-p27	212.7773	0.015117	0.1526	1	1
CG10495	82.73795	0.118252	0.221755	1	1
CG5050	4264.992	0.516863	0.085898	1	1
AsnRS	702.0585	-0.5887	0.111817	1	1
Phlpp	28.60822	-0.04404	0.305108	1	1
I(2)37Cd	91.95931	-0.59057	0.220376	1	1
CG10492	1090.194	0.026774	0.112696	1	1
CG15141	409.7746	-0.12235	0.126146	1	1
I(2)37Cb	139.5344	-0.39103	0.185042	1	1
CG10470	508.8199	0.197244	0.1275	1	1
Rpb11	223.5274	-0.46052	0.165534	1	1
Ttc19	327.4431	0.516925	0.137504	1	1
mib2	4650.358	-0.1338	0.099293	1	1
CG6380	4002.139	0.285721	0.074669	1	1
CG15172	1115.772	0.46335	0.097492	1	1
robl37BC	844.7771	-0.11721	0.108253	1	1
CG31793	74.60068	-0.27272	0.239085	1	1
CG10650	587.1284	-0.5437	0.138831	1	1
CG15169	0.559771	-0.013	0.577046	1	1
CG12620	1703.218	0.531467	0.090433	1	1
CG15170	3.744997	-0.1396	0.462055	1	1
CG15136	953.6872	0.296212	0.093543	1	1
CG15168	430.0361	-0.10486	0.140125	1	1
CG6304	4353.331	0.591836	0.074444	1	1
Swip-1	171.6722	-0.17199	0.177222	1	1
CG10431	167.4275	0.181744	0.177308	1	1
L2HGDH	1146.534	-0.37812	0.088999	1	1
Tango6	69.87494	-0.39826	0.264781	1	1
CG12288	88.04934	-0.58039	0.229629	1	1
CG10623	619.3128	0.929831	0.115625	1	1
CG10621	53.39498	-0.41375	0.27724	1	1
Nedd8	518.4199	-0.26094	0.133884	1	1
CG10428	261.715	-0.41573	0.161178	1	1
ssp3	1377.044	-0.04524	0.121801	1	1

CG6012	3.007514	0.045272	0.49259	1	1
CG17321	4.553441	-0.07537	0.436247	1	1
NepI9	12.86039	0.441435	0.450259	0.761065	1
CG10600	1167.354	0.995573	0.154073	0.684926	1
CG13282	244.257	0.009971	0.137245	1	1
CG17597	55.37315	0.036465	0.244031	1	1
CG13280	2438.204	0.116075	0.079228	1	1
CG13272	0.169892	0.02982	0.611184	0.934191	1
Ugt36D1	129.7085	-0.06545	0.193687	1	1
CG17928	24.54493	-0.35308	0.337575	1	1
Ugt36F1	53.10383	0.270879	0.256965	1	1
ppk17	0.389319	-0.00449	0.605571	1	1
BuGZ	357.0164	-0.19172	0.127036	1	1
LSm7	122.3465	-0.38614	0.22389	1	1
CG15167	298.0896	0.469217	0.164318	1	1
ChLD3	65.5194	0.478383	0.271728	1	1
CG17904	238.7232	-0.48346	0.162678	1	1
CG10348	186.1207	0.026696	0.152689	1	1
Irk3	1.808667	0.053155	0.499822	1	1
Prosbeta4	608.2691	-0.75121	0.14013	1	1
Grip71	343.4832	0.249181	0.130506	1	1
Jwa	512.4909	-0.30551	0.114319	1	1
CG10343	691.5335	-0.27976	0.103901	1	1
CG10376	133.6144	-0.23772	0.191712	1	1
CG4631	5479.723	-0.01214	0.08116	1	1
CG10341	68.35599	-0.38079	0.245075	1	1
CG10338	181.6966	-0.07249	0.161587	1	1
CG5968	2739.857	0.305755	0.076276	1	1
CG10383	1431.347	0.216775	0.097656	1	1
NepI8	2.478449	0.17337	0.555525	0.594807	1
CG5888	77.28541	-0.25338	0.217323	1	1
jhamt	1.706001	0.182264	0.602851	0.457761	1
CaBP1	1183.086	-0.24858	0.091217	1	1
CG4455	39.74803	-0.25271	0.272464	1	1
CG4278	127.6471	-0.37201	0.193744	1	1
IFT46	2.940458	0.198217	0.538089	0.619451	1
CG5861	339.2568	0.036311	0.14322	1	1
Atac2	69.60551	-0.22018	0.236972	1	1
c(2)M	25.7137	0.30149	0.343028	1	1
CG10333	230.7129	-0.46996	0.155829	1	1
GMF	169.1308	-0.1688	0.185311	1	1
CG10413	762.1407	0.048188	0.111578	1	1
CG17328	67.08749	0.048578	0.217585	1	1
CG15160	168.7307	-0.35793	0.178034	1	1
CG13258	6.250178	-0.06297	0.410291	1	1
Pde11	104.7387	0.474404	0.231886	1	1
pkaap	157.3629	-0.59039	0.196202	1	1
CG10211	108.2891	0.750369	0.237893	1	1
CG4935	387.081	0.54113	0.136749	1	1
Ugt301D1	17.21394	-0.04155	0.335796	1	1

EndoGI	432.161	0.056043	0.120392	1	1
kon	31.0516	0.155569	0.297691	1	1
grnd	59.10779	-0.2518	0.259255	1	1
CG4892	525.9562	0.224357	0.126397	1	1
Ntf-2r	392.3936	0.797814	0.138719	1	1
ncm	531.2051	-0.24105	0.120788	1	1
CG10839	997.379	0.301162	0.105963	1	1
CG5790	5306.278	-0.05165	0.08162	1	1
CG13244	1213.937	0.109501	0.105831	1	1
Ptp36E	257.3115	0.482518	0.154087	1	1
CG31821	4.374811	-0.29911	0.56477	0.462824	1
JMJD4	243.1473	-0.00389	0.142844	1	1
CG13243	3167.59	-0.00534	0.07589	1	1
CG5783	38.57584	-0.04293	0.26065	1	1
CG18518	589.4213	-0.57199	0.136055	1	1
CG15155	9.133999	0.292911	0.465763	0.817483	1
Ku80	246.7827	0.608932	0.151177	1	1
CG3793	145.9145	-0.35504	0.184586	1	1
CG15152	19.38299	-0.17473	0.34596	1	1
Slc25A46b	2000.224	0.855827	0.093323	1	1
CG15153	2.168026	0.012924	0.504427	1	1
CG18480	9.444564	-0.3739	0.483536	0.680199	1
rdo	63.40205	0.206719	0.242307	1	1
CG7631	0.475529	-0.0052	0.593302	1	1
elfless	877.6945	0.208244	0.105167	1	1
CG11865	0.276783	0.016717	0.607437	1	1
CG5681	670.9758	0.3456	0.135984	1	1
CG15254	0.169892	0.02982	0.611184	0.934191	1
Semp1	2.436356	0.136412	0.531884	0.744253	1
CG15255	0.510461	0.055629	0.598199	0.803265	1
CadN2	96.9875	-0.04294	0.203825	1	1
CG15256	1281.244	0.677503	0.09416	1	1
CG4161	2654.885	-0.10642	0.080524	1	1
Pol32	87.77059	-0.83877	0.250059	0.933565	1
CG15147	977.8232	-0.04809	0.098484	1	1
Sytalpha	19.14493	0.225108	0.336545	1	1
dao	6.074264	0.258147	0.500286	0.699704	1
CG15258	978.7577	0.252584	0.104137	1	1
CG7094	1818.819	0.143835	0.085018	1	1
CG15262	627.8521	-0.33746	0.107043	1	1
CG4168	4.222178	0.018531	0.431084	1	1
CG15260	1841.49	-0.0113	0.087555	1	1
CG15144	1415.766	0.756078	0.108526	1	1
CG15263	0.136348	0.016718	0.607437	1	1
CG15143	942.9097	0.372355	0.105642	1	1
UK114	317.1013	-0.1522	0.149007	1	1
THG	28.15874	-0.50787	0.345277	1	1
mEFTs	5850.071	-0.18109	0.081119	1	1
NC2beta	227.8165	-0.20401	0.150278	1	1
CG15142	169.7199	-0.39104	0.17692	1	1

I(2)35Be	169.559	-0.19074	0.167818	1	1
CG5131	67.92073	-0.53135	0.251334	1	1
Uxt	109.5015	0.182485	0.203159	1	1
GCS2beta	370.222	-0.45957	0.142443	1	1
CG3491	467.9198	0.222703	0.125009	1	1
CG15278	1131.856	-0.10597	0.093633	1	1
CG4480	1491.46	0.237753	0.091331	1	1
CG4650	0.136348	0.016718	0.607437	1	1
CG4701	2695.121	0.116918	0.080045	1	1
CSN1a	1331.608	0.201281	0.096895	1	1
CG4691	13267.21	-0.29075	0.073409	1	1
CG42685	190.624	0.520681	0.169534	1	1
CG15282	24.24047	-0.09731	0.304665	1	1
CG3473	961.0202	0.331446	0.109854	1	1
CG4218	5362.491	-0.12534	0.07754	1	1
Cpr35B	0.860325	-0.04084	0.570807	0.968936	1
I(2)34Fd	77.95056	-0.25653	0.243025	1	1
mTTF	81.99455	-0.04637	0.226743	1	1
Send2	2.835092	0.200529	0.551536	0.572769	1
CG15286	2869.094	0.527385	0.09697	1	1
NimC4	1.840536	0.115478	0.523135	0.831204	1
CG18095	0.09733	-0.00449	0.605571	1	1
hll	1.018897	0.031553	0.541565	1	1
Cyp28a5	6.9059	-0.14265	0.420942	1	1
NimC1	95.65423	0.613732	0.259456	1	1
NimB5	24.13797	-0.10106	0.301886	1	1
NimA	82.18901	-0.51557	0.268955	1	1
Vajk3	2.227082	-0.31397	0.741607	0.203394	1
Vajk1	3.306427	-0.02199	0.452205	1	1
CG7968	0.470608	0.047597	0.609162	0.818102	1
CG7953	9.583012	0.56358	0.663651	0.232695	1
CG7916	12.598	0.496284	0.499646	0.553602	1
CG8997	10.80473	0.939035	1.039583	0.052856	1
CG16865	49.31667	0.211836	0.266144	1	1
Adat1	32.9879	0.173251	0.282687	1	1
Sec71	1219.8	0.566225	0.126801	1	1
CG16863	58.5398	0.413236	0.257172	1	1
TM9SF4	545.8528	0.009033	0.107661	1	1
CG9014	3683.631	0.028698	0.074769	1	1
Gpo3	5976.45	-0.26829	0.077768	1	1
ics	101.1584	-0.22923	0.211945	1	1
CG9254	8326.234	0.127444	0.073155	1	1
CG16853	835.6312	0.337482	0.100755	1	1
CG9263	814.2452	-0.15642	0.105404	1	1
CG16852	598.5803	0.778769	0.138149	1	1
CG15638	1012.143	0.160604	0.107458	1	1
CG42810	777.6644	0.164968	0.125447	1	1
Hacd2	111.7647	-0.34484	0.194649	1	1
CG16956	1.017161	-0.16781	0.641526	0.396101	1
Bdp1	455.0195	0.511912	0.121561	1	1

CG7110	86.36511	-0.17601	0.209776	1	1
ND-B22	1012.619	0.040754	0.110237	1	1
CG10859	4670.61	0.989595	0.10773	0.83072	1
CG6523	585.6308	-0.2353	0.133156	1	1
CG16957	2147.459	0.281085	0.082892	1	1
CG9377	1.132955	-0.09547	0.582265	0.682575	1
RpL24	2322.233	-0.43271	0.114699	1	1
CG9395	3.836417	0.362635	0.643319	0.293494	1
CG7099	139.6599	0.115736	0.179398	1	1
CG43778	28.05867	0.128028	0.29879	1	1
CG16825	721.1628	0.344183	0.108697	1	1
CG9302	214.9184	-0.39674	0.155899	1	1
CG6565	1420.449	-0.11572	0.085213	1	1
Uvrug	86.03151	0.06823	0.210382	1	1
Drep4	12.41286	-0.21304	0.37342	1	1
CG16820	8.112156	0.016909	0.395031	1	1
CG5945	97.10708	-0.09549	0.206215	1	1
CG5867	102.6479	-0.20875	0.213744	1	1
Mabi	0.254838	0.04167	0.61594	0.837012	1
Prosalpha6T	1322.464	0.489494	0.094169	1	1
CG16815	0.249444	-0.04453	0.618442	0.811316	1
CG15480	2.758824	0.149538	0.532225	0.715649	1
CG16812	447.3202	0.214744	0.136362	1	1
Ski6	341.4354	0.112191	0.128787	1	1
mRF1	83.33868	-0.26172	0.214019	1	1
CG9426	655.8695	0.059522	0.098455	1	1
kek4	14.49724	0.05193	0.361371	1	1
CG15482	1972.467	-0.24498	0.088904	1	1
CG16972	7992.625	0.142211	0.118468	1	1
Edem2	287.1208	0.111643	0.135185	1	1
CG16974	328.2216	-0.35371	0.129533	1	1
CG5458	117.2027	0.390985	0.205769	1	1
CG5287	89.27383	-0.14866	0.213364	1	1
CG5439	279.3491	-0.13095	0.140838	1	1
kmg	431.2394	-0.26916	0.131503	1	1
Pk34A	446.1633	-0.45823	0.154769	1	1
CG5122	4098.807	-0.15311	0.085334	1	1
CG9932	223.1672	0.148305	0.182755	1	1
A16	727.6103	-0.17784	0.102887	1	1
CG9934	2017.28	0.131274	0.106586	1	1
Yip1d1	494.0808	0.156855	0.114902	1	1
Vha68-3	4841.369	0.074525	0.085986	1	1
CG16800	10.08447	0.070492	0.382259	1	1
ACXC	2132.828	1.007968	0.104992	0.70711	1
CG15483	1037.711	0.226699	0.095642	1	1
CG5787	890.0695	0.326068	0.103055	1	1
CG6180	1078.911	-0.04031	0.098758	1	1
CG15484	40.41257	0.00192	0.259885	1	1
spict	165.2353	-0.27544	0.167594	1	1
CG5776	70.81676	-0.1886	0.244792	1	1

CG17036	139.3076	0.235902	0.179811	1	1
CG5781	1299.161	-0.11686	0.10576	1	1
IFT43	74.89004	0.148728	0.228026	1	1
CG6153	529.7224	0.229587	0.111838	1	1
CCT4	1147.262	-0.52256	0.090409	1	1
NepI7	32.08962	-0.88255	0.495114	0.305367	1
Ref2	431.945	0.301108	0.116589	1	1
CG5418	2.673837	0.294242	0.622581	0.345224	1
Oatp33Eb	0.292188	-0.04954	0.621123	0.77256	1
CG5421	160.2571	0.323185	0.180749	1	1
Oatp33Ea	26.60153	1.296379	0.587069	0.073443	1
CG5435	885.3953	0.406358	0.103767	1	1
CG6388	49.87884	-0.18144	0.251237	1	1
CG5446	735.7417	-0.26971	0.125863	1	1
CG6405	425.3803	0.047044	0.11901	1	1
Pkd2	953.2284	0.289416	0.102121	1	1
CG17010	2842.496	-0.26199	0.076454	1	1
atilla	155.0829	0.070623	0.177078	1	1
crok	172.4159	-0.60317	0.187978	1	1
CG6583	151.7203	-0.19199	0.173706	1	1
CG17217	494.877	0.787096	0.131861	1	1
CG17211	44.59442	0.5525	0.309106	1	1
Phae2	11.74692	-0.54998	0.519589	0.472058	1
Phae1	13.70229	-0.07392	0.354975	1	1
Plzf	35.08413	0.072141	0.265069	1	1
CG6770	2238.577	-0.16024	0.083476	1	1
Ced-12	112.3318	-0.33239	0.216086	1	1
CG6785	136.1607	0.207346	0.198528	1	1
CG6766	634.8053	-0.00844	0.116513	1	1
CG14947	1.311524	0.116463	0.578879	0.632544	1
Wdr81	47.35508	-0.31139	0.265509	1	1
Hacd1	264.2234	-0.23519	0.13958	1	1
Nfs1	322.7326	-0.24841	0.13563	1	1
dgt2	141.5617	-0.39518	0.187496	1	1
zuc	29.36867	0.030431	0.282383	1	1
CG16965	29.91918	-0.54636	0.406064	0.839092	1
CG16964	832.114	0.347391	0.111392	1	1
Mal-B1	16.44898	0.862074	0.549307	0.25765	1
Pde1c	247.1383	0.022071	0.13722	1	1
CycY	291.2322	-0.21965	0.142789	1	1
CG14937	44.18472	0.723501	0.377685	0.712532	1
CG14932	690.147	-0.25185	0.116806	1	1
CG14931	754.807	1.107331	0.109222	0.201299	1
Vha100-5	29.81312	0.182004	0.302485	1	1
CG4988	2326.576	-0.00506	0.086573	1	1
CG4983	6393.293	-0.13828	0.069993	1	1
CG12307	2654.89	-0.07142	0.078769	1	1
CG6614	624.2713	0.71083	0.117356	1	1
spag4	111.4258	4.62E-01	0.206983	1	1
CG14929	520.2648	-0.10254	0.11426	1	1

spz4	0.650895	0.063116	0.590103	0.788552	1
CG6488	238.4575	-0.19728	0.15172	1	1
CG14926	7940.382	-0.05216	0.070832	1	1
Osi21	3.001506	0.102592	0.475708	1	1
Ppt2	80.65373	0.186113	0.222235	1	1
CG4788	156.7251	-0.50666	0.187471	1	1
CG6287	348.5411	-0.57683	0.144459	1	1
CG4751	122.0737	-0.43989	0.237552	1	1
RfC38	78.9266	-0.81066	0.260979	0.966187	1
Nup160	999.8501	0.690406	0.102793	1	1
Csl4	151.2129	-0.07148	0.174419	1	1
CG14921	740.1918	0.465435	0.111465	1	1
CG6230	4182.666	0.057014	0.105143	1	1
CG6201	14.58256	0.073144	0.343681	1	1
l(2)gd1	111.0243	-0.17933	0.197798	1	1
Reps	139.3481	-0.2293	0.186275	1	1
CG16854	351.1602	0.198863	0.126572	1	1
AstCC	30.61815	0.411116	0.348658	1	1
Art8	4.594459	-0.05423	0.421514	1	1
SCAR	272.7391	-0.22503	0.158149	1	1
CG16743	8.04003	0.093541	0.39551	1	1
YL-1	236.1795	0.025818	0.14858	1	1
CG14072	168.0645	0.212246	0.196646	1	1
CG14069	63.83191	0.287958	0.259662	1	1
CG7309	3608.075	0.304714	0.099005	1	1
CG14070	509.0834	0.767918	0.13185	1	1
CG14071	886.8484	0.667764	0.118834	1	1
CG12517	10.76636	0.021568	0.368911	1	1
SmydA-3	3.325222	-0.22678	0.520518	0.650894	1
Porin2	6237.511	-0.15101	0.083379	1	1
CG6700	257.4739	-0.06617	0.147804	1	1
CG17134	1.732593	0.111834	0.520764	0.851305	1
CG6508	0.450761	0.032667	0.60474	0.929651	1
CG17127	1.662662	-0.19885	0.616169	0.41322	1
CG6443	346.7081	0.506094	0.132124	1	1
CG6724	157.0978	-0.3263	0.17527	1	1
CG6431	3.282415	0.252846	0.565338	0.487526	1
CG6495	43.32872	0.557562	0.324687	1	1
CG6415	18.70784	-0.51485	0.460146	0.666127	1
CG6729	175.3234	-0.38149	0.169454	1	1
CG12299	99.34921	0.254264	0.216014	1	1
CG7294	0.833622	-0.13345	0.634346	0.457099	1
Vha16-5	311.2991	0.416684	0.141206	1	1
CG7296	17.45856	0.385219	0.381741	1	1
Nup107	249.1149	-0.77992	0.151766	1	1
CG7299	3.380323	0.193847	0.498167	0.782022	1
Dpy-30L1	171.8137	-0.30885	0.167648	1	1
EMC3	743.8902	0.25982	0.110603	1	1
CG17104	593.0148	-0.70458	0.127045	1	1
CG17098	3925.822	0.28349	0.095697	1	1

w-cup	21437.68	-0.22273	0.082978	1	1
CG18302	0.414923	-0.02695	0.606928	0.966677	1
CG18301	18.62066	-0.11892	0.354473	1	1
Lip4	211.7104	-1.10109	0.194116	0.300557	1
CG7384	18.56938	-0.04806	0.326909	1	1
CG6094	290.8129	-0.05866	0.140722	1	1
CG13144	0.084946	0.016718	0.607437	1	1
CG6144	205.0722	-0.00239	0.148695	1	1
CG7456	243.9342	-0.12235	0.144173	1	1
Grip75	256.2315	0.270621	0.145397	1	1
RluA-2	55.55006	0.17491	0.251447	1	1
LManI	19.74298	0.557192	0.420837	0.769138	1
loh	278.1704	0.346641	0.14544	1	1
Nse4	201.6978	0.042842	0.155614	1	1
holn1	455.0703	-0.2968	0.138648	1	1
TBC1D16	32.59589	-0.14349	0.279545	1	1
Bug22	2496.296	-0.20709	0.079725	1	1
CG5188	95.86819	0.177391	0.203729	1	1
Wdfy2	866.4472	-0.19537	0.097334	1	1
RfC3	146.5475	-0.46852	0.177356	1	1
Klp31E	181.1525	-0.44956	0.164867	1	1
CG5355	1977.32	-0.06521	0.075724	1	1
Mdh1	561.0992	-0.57123	0.127688	1	1
gny	117.742	-0.28626	0.209151	1	1
dpr19	2.100349	0.029553	0.475937	1	1
CG5056	772.1647	0.930006	0.109087	1	1
lft	9.952875	-0.21024	0.416992	1	1
Cand1	2235.662	0.255158	0.089146	1	1
CG5045	3896.248	-0.31966	0.080512	1	1
CG5367	10.19529	-0.11962	0.385947	1	1
CG5022	20.9505	-0.06302	0.307047	1	1
GATAd	296.2881	-0.00625	0.145031	1	1
CG5037	355.5392	0.081098	0.130703	1	1
CG5381	244.8678	-0.13119	0.145158	1	1
CG4972	881.5758	0.061867	0.100772	1	1
Usp14	1759.962	-0.21333	0.092566	1	1
I(2)SH0834	316.6305	0.067793	0.1295	1	1
CG4968	2315.719	0.167423	0.074093	1	1
nmd	598.622	0.033583	0.121935	1	1
CG5390	203.2626	-0.6042	0.162493	1	1
Hand	18.71429	0.638394	0.504994	0.455631	1
Ufd4	3759.239	0.057935	0.101511	1	1
CG4957	217.7166	0.047248	0.159156	1	1
CG4953	87.44237	-0.19322	0.220882	1	1
Mob3	220.9028	-0.15268	0.159379	1	1
CG5676	800.7136	-0.11256	0.114767	1	1
Npc1a	1397.082	0.063079	0.101351	1	1
CG5727	287.6827	0.157161	0.140541	1	1
CG5731	7.006599	-0.02495	0.42339	1	1
CG5734	153.185	-0.56682	0.17946	1	1

Ripalpha	268.8558	-0.23717	0.147088	1	1
Spn31A	7.173912	-0.15652	0.420185	1	1
CG13137	98.62199	0.339605	0.206615	1	1
obst-B	2.74693	0.049511	0.474376	1	1
CG13127	473.0942	0.102318	0.112472	1	1
Ndf	505.1812	-0.59068	0.122152	1	1
SoYb	50.87415	-0.36993	0.258361	1	1
CG5850	300.0846	0.326407	0.142804	1	1
CG4709	86.29504	-0.3558	0.228059	1	1
CG13126	41.46286	-0.07404	0.269092	1	1
CG4619	118.4128	-0.45783	0.196878	1	1
CG31712	161.0018	-0.04856	0.170881	1	1
TbCMF46	224.014	-0.49048	0.16883	1	1
CG4592	120.8188	0.091548	0.1814	1	1
CG4594	27.33967	-0.41073	0.360348	1	1
CG4598	116.6272	-0.23702	0.194204	1	1
Etl1	242.2179	-0.13754	0.143848	1	1
mtDNA-helicase	24.61995	-0.1199	0.32445	1	1
CG13123	95.74814	-0.07248	0.203826	1	1
CG4036	176.4361	-0.50674	0.175672	1	1
IP3K1	36.77835	0.207932	0.283587	1	1
CG17633	4.059826	0.336135	0.65261	0.287565	1
CG4017	1.46583	0.064329	0.526149	1	1
ppk18	1.969251	0.000389	0.490847	1	1
CG13117	185.2901	-0.84554	0.229111	1	1
CG13116	68.95785	-0.84231	0.279185	0.815182	1
CG4364	589.8544	-0.22247	0.105166	1	1
gcm2	10.14612	0.472806	0.513075	0.527597	1
CG4382	0.631773	0.069634	0.606953	0.708666	1
CG3841	446.9228	0.646468	0.128125	1	1
CG13113	0.389518	-0.04981	0.620802	0.771806	1
CG17855	9.182097	0.734799	0.727921	0.154327	1
CG3769	13.0151	0.335507	0.415647	1	1
FucTB	3332.092	0.569258	0.080955	1	1
Mco1	3.162341	0.064065	0.462038	1	1
CG4438	1156.47	0.189473	0.106316	1	1
Aldh	7538.497	-0.28678	0.082845	1	1
Shawl	109.1566	0.028607	0.201357	1	1
CG13110	1359.797	0.656847	0.101941	1	1
CG17005	1037.113	0.85751	0.101934	1	1
aust	167.1595	0.362093	0.167446	1	1
CG9586	478.0305	-0.35778	0.131082	1	1
CG13108	5.726793	-1.33278	1.445568	0.019049	1
CG9582	812.4719	-0.05911	0.107737	1	1
CG13102	0.891208	0.021375	0.547494	1	1
CG9568	0.804168	0.040749	0.563914	0.990058	1
CG9555	6.332734	0.048771	0.402616	1	1
CG9541	27.87185	0.177363	0.307454	1	1
CG18088	1.625413	-0.07355	0.521837	0.978375	1
CG9525	4.664335	0.215481	0.495159	0.766386	1

CG31886	33.50882	-0.12053	0.285087	1	1
Argl	329.7943	-4.38E-05	0.134485	1	1
CG9483	25.22878	0.201722	0.313127	1	1
LManVI	45.87872	0.124521	0.25534	1	1
LManV	1.403359	-0.015	0.523856	1	1
CG13091	18.69479	-0.19672	0.377045	1	1
LManIV	0.9156	-0.132	0.645468	0.436199	1
Uba4	393.5765	0.094304	0.117264	1	1
LManIII	15.35014	0.162629	0.37833	1	1
mRpL51	319.9874	0.276344	0.145489	1	1
CG12438	584.1982	0.576866	0.127024	1	1
PIG-U	411.3593	0.116381	0.131438	1	1
CG9314	8973.517	0.007239	0.072596	1	1
CG13097	174.5661	-0.10615	0.168258	1	1
Trs23	129.7116	-0.58038	0.21946	1	1
CG13096	809.3098	-0.72729	0.136838	1	1
PrBP	287.8593	-0.27784	0.150435	1	1
Bace	1.359721	0.030892	0.531564	1	1
CG9289	0.486848	-0.05683	0.613306	0.753307	1
CG13088	3039.877	0.046182	0.077033	1	1
CG9287	1.059836	0.066543	0.549493	0.903366	1
prg	37.23069	-0.4249	0.331118	1	1
D12	71.91337	-0.2514	0.224924	1	1
CG13398	70.35757	0.244444	0.230144	1	1
CG13386	39.71732	1.205205	0.407457	0.139559	1
CG13385	1705.021	-0.073	0.090053	1	1
Dad1	311.7848	-0.17515	0.151395	1	1
Rcd4	71.25147	-0.47312	0.257445	1	1
CG13392	51.50104	-0.03278	0.24053	1	1
CG17294	51.64653	-0.29751	0.266227	1	1
CG13390	62.55202	-0.08901	0.223259	1	1
Wdr82	196.2552	-0.70735	0.201456	1	1
CG7627	92.18485	-0.11635	0.217701	1	1
CG7778	543.9748	-0.12361	0.13338	1	1
CG14274	0.91309	-0.16309	0.664178	0.361626	1
CG7781	15.76089	-0.5185	0.453463	0.686335	1
strat	98.66152	-0.08647	0.199987	1	1
CG7806	405.9022	0.098803	0.12296	1	1
CG7810	281.0065	0.132728	0.159253	1	1
Mettl14	75.0118	-0.21612	0.234812	1	1
Ostgamma	746.0181	-0.02919	0.10516	1	1
CG7840	168.0846	-0.15811	0.172653	1	1
wol	393.2003	0.103197	0.132915	1	1
Snx6	998.8354	0.040074	0.089467	1	1
CG8292	1431.942	0.435389	0.103147	1	1
CG8349	2008.056	-0.08752	0.08663	1	1
CG8353	74.82606	0.506314	0.245731	1	1
CG8360	385.8579	0.233554	0.127269	1	1
CG8419	19.67635	0.023566	0.306669	1	1
SLC5A11	271.0316	-0.00932	0.154198	1	1

CG8460	241.8812	-0.36182	0.149543	1	1
Acbp1	169.5867	-0.35337	0.163454	1	1
Rbsn-5	447.9975	-0.2587	0.114508	1	1
PAPLA1	1401.409	0.406229	0.099028	1	1
CG8668	320.3598	-0.2458	0.135255	1	1
CG12375	138.9683	-0.12814	0.172947	1	1
CG8673	449.5319	0.555231	0.122782	1	1
Megf8	347.9931	-0.2634	0.139822	1	1
RpL36A	2409.416	-0.48931	0.11392	1	1
CCDC53	185.8091	0.365971	0.174268	1	1
baf	505.622	-0.40643	0.126631	1	1
CG12560	28.4753	-0.13217	0.305099	1	1
Spn28Dc	109.4533	0.104875	0.220268	1	1
Wwox	97.41811	0.052781	0.211753	1	1
Sirup	156.0043	0.130561	0.167136	1	1
CG7227	4.815028	0.098184	0.445315	1	1
Snoo	45.59172	-0.66473	0.331788	0.982942	1
SmE	355.8211	-0.3471	0.157301	1	1
spz3	5.406691	-0.12373	0.443026	1	1
Proc	1.571531	-0.0635	0.522314	1	1
CG14535	10.54487	0.411772	0.489903	0.633378	1
CG14537	1153.167	-0.21458	0.107204	1	1
cdc14	3760.009	-0.1144	0.183181	1	1
CG7203	8.932753	0.1913	0.414845	1	1
r2d2	218.9176	-0.08004	0.147192	1	1
ATPsynGL	957.898	0.637093	0.106609	1	1
CG7214	0.385793	-0.02261	0.607535	0.999129	1
LKRSDH	57.90851	0.061414	0.230795	1	1
CG7149	99.76959	-0.03036	0.196281	1	1
CG7154	338.4201	-0.1551	0.134593	1	1
CG13795	14.12682	-0.9741	0.66723	0.135243	1
CG7164	4357.299	-0.25801	0.081538	1	1
CG13794	6.435272	-0.12351	0.432355	1	1
CG13793	60.07998	1.095383	0.34562	0.252419	1
CG7025	0.291989	-0.00449	0.605571	1	1
CG18585	0.339783	0.051812	0.621542	0.757899	1
CG6739	5.689954	0.108839	0.428792	1	1
Cyp4d21	1.534565	-0.09767	0.530745	0.853878	1
Spn28B	5.445632	0.009514	0.595032	1	1
Ziz	179.7214	0.20705	0.180761	1	1
CG6055	532.3106	1.077505	0.168146	0.360156	1
CG5958	315.7848	-0.82706	0.149696	1	1
chm	162.3229	0.07099	0.163396	1	1
CG15818	2.481643	0.057925	0.490859	1	1
CG5181	217.0612	0.204025	0.154701	1	1
CG5177	253.1536	-0.2776	0.171595	1	1
CG5160	13.78045	-0.68008	0.524603	0.391553	1
gudu	2084.464	0.642946	0.082532	1	1
CG5149	73.15309	-0.17655	0.21427	1	1
Wnt10	1.105794	-0.00099	0.54876	1	1

Wnt6	73.15477	0.350107	0.276277	1	1
CG13786	7.650138	-0.21217	0.423634	1	1
mEFG1	156.4913	-0.12128	0.171947	1	1
CG4497	386.4513	0.54759	0.132802	1	1
CG4496	11.15485	0.315283	0.432585	0.956263	1
MICU1	238.2502	0.018839	0.150362	1	1
Nuf2	258.4307	-0.15227	0.142645	1	1
MME1	238.8834	-0.09903	0.142522	1	1
CG43322	307.8449	0.48671	0.146137	1	1
uif	204.3312	0.03059	0.167976	1	1
Hmgcl	21.18623	-0.02823	0.313484	1	1
Atac1	92.99035	-0.01785	0.194392	1	1
CG13775	14.8154	-0.18729	0.358967	1	1
Gas41	116.3474	-0.3315	0.231954	1	1
ihog	26.7317	-0.31026	0.337996	1	1
Fgop2	1971.142	-0.10321	0.086392	1	1
CG18304	103.0719	0.405683	0.214306	1	1
Rat1	89.37593	-0.43773	0.229032	1	1
CG13773	95.05909	-0.36249	0.203102	1	1
l(2)k09022	139.6658	0.035375	0.176569	1	1
CG17375	1555.908	0.110956	0.081573	1	1
CG11236	14.76646	-0.50825	0.467735	0.645486	1
meng	4.74774	-0.05408	0.421186	1	1
TTLL3A	7.771187	0.09708	0.394316	1	1
TTLL3B	5057.796	-0.11252	0.09034	1	1
Aatf	245.0769	-0.44142	0.154084	1	1
CG11327	5699.653	0.094947	0.076051	1	1
Nse1	62.38053	-0.08252	0.23817	1	1
Galt	85.18312	-1.22351	0.280666	0.136103	1
CG13771	223.091	0.27984	0.151714	1	1
CG11070	939.2507	0.338033	0.102102	1	1
Oatp26F	1.303603	0.028986	0.518574	1	1
CG31637	76.00503	0.006523	0.225349	1	1
CG9550	2759.907	-0.1724	0.078962	1	1
CG11319	162.497	0.125228	0.205667	1	1
CG13766	36.55922	-0.29193	0.289814	1	1
CG9547	102.4447	0.377353	0.212791	1	1
Ent2	79.00972	-0.20163	0.227894	1	1
Phf5a	243.4876	-0.09362	0.146451	1	1
epsilonCOP	599.9447	-0.17271	0.116187	1	1
COX5B	341.3713	-0.35359	0.144308	1	1
KFase	153.5398	0.412449	0.188367	1	1
IFT52	88.97779	0.753861	0.25654	1	1
Daxx	704.4697	0.486353	0.130232	1	1
Sec61alpha	1292.784	-0.36563	0.092714	1	1
CG9536	320.9247	0.103918	0.133343	1	1
HemK1	1044.589	-0.20761	0.103386	1	1
Rchy1	7.321475	0.523829	0.593496	0.333094	1
retm	288.922	0.560601	0.153727	1	1
CG9527	69.44054	0.17215	0.223125	1	1

Fic	199.6275	0.310226	0.165547	1	1
CG13982	3.07969	-0.18747	0.528987	0.66571	1
CG42369	70.85476	-0.39649	0.268429	1	1
NepI6	92.92326	0.291115	0.233483	1	1
NepI5	3.200366	0.077272	0.466592	1	1
slam	8.779417	0.039343	0.379187	1	1
NepI4	32.20533	-0.03482	0.286089	1	1
CG9500	127.1307	0.61566	0.249601	1	1
ppk14	0.272696	0.042244	0.616213	0.832444	1
CG9498	17.89934	0.14254	0.402833	1	1
CG9497	1.486309	-0.26416	0.709096	0.244905	1
Pez	89.27357	-0.14779	0.205776	1	1
PDZ-GEF	670.7781	0.073749	0.22636	1	1
CG13984	436.0943	-0.11357	0.117485	1	1
AANATL2	2.968579	-0.34542	0.729556	0.2067	1
CG13989	1513.843	0.251193	0.09882	1	1
CG13991	3356	0.352529	0.115918	1	1
CG9222	3152.706	-0.08491	0.078911	1	1
WDR79	229.0117	-0.24761	0.153063	1	1
Arpc4	210.3138	-0.48736	0.167818	1	1
CG9154	115.1684	0.12283	0.199951	1	1
Pfdn1	787.7168	-0.04017	0.110349	1	1
CG9150	8.5315	-0.06738	0.391756	1	1
Fbw5	123.1964	0.469701	0.200732	1	1
CG13994	824.0892	0.603668	0.104579	1	1
ND-51	581.4262	-0.47143	0.116445	1	1
CG13995	3.260716	-0.0431	0.451921	1	1
CG9117	37.27751	-0.5275	0.351673	1	1
CG9109	4.04943	-0.07221	0.446807	1	1
CG13996	10.77517	0.051537	0.363484	1	1
Gal	79.08313	0.013953	0.222883	1	1
Ucp4C	1179.949	0.511658	0.1082	1	1
CG13992	10.32268	0.01434	0.383759	1	1
psd	1.109486	-0.03614	0.518526	1	1
CG13999	129.8646	0.282222	0.184268	1	1
CG9044	353.8174	-0.04991	0.123161	1	1
CG14000	505.0239	0.88628	0.138578	1	1
bchs	139.9579	0.268055	0.209449	1	1
CG9021	5.829788	-0.54851	0.690337	0.209743	1
rau	66.70597	-0.0714	0.22388	1	1
TrissinR	12.94982	0.111713	0.362184	1	1
CG11034	58.9794	0.499508	0.289503	1	1
CG7239	167.6523	-0.27464	0.173298	1	1
CG14005	47.00335	-0.41397	0.298436	1	1
CG11030	286.5069	-0.1053	0.13283	1	1
CG11029	0.340754	-0.0258	0.610211	0.967581	1
CG14006	840.0158	0.841839	0.139055	1	1
CG14017	765.7687	0.591779	0.10112	1	1
HP6	448.797	-0.00546	0.138796	1	1
CG14013	1168.005	0.073015	0.09741	1	1

FIG4	48.549	-0.24992	0.25504	1	1
CG7236	16.19186	-0.16959	0.335889	1	1
CG18269	18.99703	-0.29035	0.352674	1	1
CG15436	140.0751	-0.27382	0.200027	1	1
CG12511	246.9615	0.329353	0.16881	1	1
CG14014	11.13472	0.133704	0.365806	1	1
CG15443	205.5724	0.055094	0.14694	1	1
CG15435	195.9333	0.898728	0.184925	1	1
CG14015	7.512732	0.195517	0.428262	1	1
CG15440	311.2049	-0.36011	0.146755	1	1
DIP-eta	26.88908	-0.07104	0.300111	1	1
tomb	146.3317	-0.18283	0.187724	1	1
CG15439	105.5052	-0.24836	0.193331	1	1
CG18266	4476.994	0.70066	0.102686	1	1
Cap-D3	105.9033	0.096503	0.197005	1	1
MFS18	109.5706	0.074422	0.182931	1	1
CG7251	3643.913	0.182972	0.081473	1	1
Coq6	568.2117	-0.20611	0.107889	1	1
Elp3	149.8158	-0.52297	0.205321	1	1
morgue	266.5748	-0.44624	0.143672	1	1
CG6907	1264.094	0.52694	0.099371	1	1
CG15432	87.1859	0.117539	0.208149	1	1
Vps52	214.6833	-0.29604	0.154591	1	1
CG15431	8.945285	0.074426	0.388644	1	1
cl	1226.837	0.160137	0.087616	1	1
Dim1	193.3017	-0.17961	0.156181	1	1
CG7382	644.9771	-0.05636	0.115448	1	1
CG14020	209.1372	0.127082	0.161467	1	1
CG3652	178.3544	-0.02169	0.158099	1	1
mid	2.915817	0.084479	0.470148	1	1
H15	14.19281	0.071005	0.344259	1	1
Psf2	36.18859	-0.13375	0.283013	1	1
Vps53	217.5078	0.288561	0.160913	1	1
CG12512	160.3254	-0.05665	0.182725	1	1
CG15429	642.5012	0.358442	0.105879	1	1
CG14022	6.501507	0.513336	0.626394	0.286252	1
bdI	126.0243	0.124987	0.184178	1	1
Ncoa6	219.3752	-0.06813	0.167175	1	1
Art2	191.9265	-0.20182	0.161343	1	1
CG14024	1.639799	-0.05008	0.504755	1	1
CG15425	2626.987	0.13154	0.083193	1	1
Bub1	568.0285	0.408552	0.134786	1	1
CG3702	3296.988	0.045119	0.081305	1	1
Cyp4ac3	71.12626	0.27747	0.235438	1	1
Cyp4ac2	7.560977	-0.21249	0.440328	1	1
CG2955	6388.257	0.986661	0.105256	0.859314	1
CG43774	0.862223	0.149205	0.648741	0.404865	1
Cyp4ac1	108.206	-0.07494	0.195987	1	1
TpnC25D	70.39766	-0.01145	0.249911	1	1
CG15423	8.091549	-0.23273	0.426586	1	1

CG7742	3401.48	0.074383	0.081699	1	1
CG15422	29.44726	-0.82328	0.411529	0.492738	1
Cyp28d1	10.69961	-0.01456	0.365953	1	1
Cyp28d2	190.5794	0.420748	0.166542	1	1
Cep97	2663.155	0.285308	0.086491	1	1
ND-13A	1765.552	-0.2295	0.087318	1	1
CG3407	70.58602	-0.32847	0.231924	1	1
CG4230	1672.201	0.010301	0.082046	1	1
bark	113.0874	0.073354	0.206255	1	1
CG5828	245.466	-0.16433	0.15833	1	1
Pgant5	260.0941	-0.45479	0.150475	1	1
CG43707	27.6996	0.180584	0.309188	1	1
Rpn11	1392.987	-0.10056	0.086223	1	1
CG10019	10.00271	0.267314	0.442517	0.958382	1
CG14036	310.8896	0.056301	0.143331	1	1
Nepl3	49.29723	0.042054	0.246289	1	1
CG2816	1.082237	-0.05088	0.543887	0.998867	1
senju	373.575	0.603758	0.140768	1	1
CG10031	8.858498	-0.98926	0.875413	0.072418	1
CG9121	144.5019	0.072343	0.187373	1	1
CG16713	24.20722	-0.85133	0.632679	0.189844	1
SeIT	730.0769	0.083254	0.101273	1	1
IFT57	13.74191	0.420087	0.442335	0.811838	1
Spindly	184.1689	0.022583	0.158825	1	1
CG8891	45.41777	-0.20585	0.258647	1	1
CG8852	116.0184	-0.05027	0.23612	1	1
CG3792	302.4075	-0.26007	0.143418	1	1
Sr-CIV	13.1987	-0.15482	0.357322	1	1
Gmd	126.5423	-0.22259	0.189951	1	1
mRpL28	493.4589	0.09361	0.14522	1	1
CG3213	24086.16	0.002613	0.079879	1	1
CG14043	1565.966	0.537589	0.086399	1	1
CG17593	924.6749	-0.2908	0.094711	1	1
CG3756	449.5493	0.013526	0.128968	1	1
Scox	387.9256	-0.05505	0.129874	1	1
Marcal1	100.8424	-0.15171	0.193842	1	1
CG15414	1.161124	0.259679	0.754989	0.205129	1
Jon25Bii	0.40067	0.020805	0.605044	1	1
Pif1	17.1623	-0.00917	0.334163	1	1
Jon25Biii	10.59127	0.191074	0.674667	0.321652	1
jet	55.65574	-0.41425	0.26684	1	1
Sec5	225.9126	-0.27149	0.149114	1	1
CG14044	0.827318	-0.01832	0.561358	1	1
Cog3	185.3541	-0.34474	0.160131	1	1
hoe2	431.0523	-0.41314	0.129402	1	1
Snx1	637.8424	0.115126	0.110557	1	1
CG2772	225.0498	-0.05227	0.150746	1	1
CG31952	2201.477	-0.22633	0.08959	1	1
CG3036	43.27557	0.13415	0.268269	1	1
CG8840	1182.04	1.003071	0.113616	0.72531	1

CG15625	986.9349	0.417136	0.10444	1	1
CG9662	362.3304	-0.25194	0.12816	1	1
CG3008	358.8947	-0.15618	0.130625	1	1
CG8838	3089.56	0.454857	0.083897	1	1
Mon1	195.6595	-0.47433	0.159701	1	1
CG11927	618.1394	0.478575	0.116381	1	1
CG15408	8.116789	0.032734	0.401327	1	1
CG3285	1.63183	0.3231	0.853025	0.135272	1
CG12194	303.8311	0.515506	0.149538	1	1
Ir25a	39.52896	0.554701	0.324512	1	1
Fign	80.57342	-0.23721	0.218972	1	1
Fnta	448.3111	-0.17603	0.1176	1	1
CG3277	11.91603	0.153698	0.376169	1	1
CG15628	12.86561	0.115165	0.364376	1	1
CG15406	12.68514	0.627611	0.619368	0.268655	1
CG3225	165.6472	0.078157	0.176347	1	1
CG9663	31.42974	0.092691	0.287267	1	1
CG15629	17.73928	0.214882	0.339826	1	1
Clect27	11.21641	0.178826	0.39162	1	1
CG15631	3316.472	0.073789	0.083824	1	1
CG44002	10.3908	-0.13326	0.371573	1	1
CG34393	18.74019	0.099989	0.344382	1	1
SerRS	496.1225	-0.13684	0.118393	1	1
Taf12L	411.5656	-0.4431	0.160868	1	1
CG17258	627.7283	1.124898	0.11474	0.162968	1
CG3251	187.5485	-0.6327	0.214283	1	1
Hydr2	1891.728	0.173285	0.089493	1	1
Elba3	62.43073	0.216149	0.239285	1	1
ND-B14,5B	514.5693	-0.10049	0.116876	1	1
CG17219	85.13415	-0.20348	0.210512	1	1
CG11929	2717.649	0.399492	0.089181	1	1
CG15403	1215.518	0.310699	0.087705	1	1
Sf3b2	468.8357	-0.77107	0.127859	1	1
FASN1	942.2886	-1.22353	0.158559	0.0706	1
CG3542	224.2205	-0.40764	0.149091	1	1
CG17261	5130.222	0.068236	0.080799	1	1
alpha4GT1	158.9334	-0.15277	0.169324	1	1
CG15635	7.662446	-0.00331	0.594221	1	1
CG17264	42.2259	0.165879	0.264709	1	1
cnir	11.26016	0.004587	0.353235	1	1
CG17260	658.7899	0.949613	0.132033	0.997575	1
CG17265	96.06996	0.719406	0.247006	1	1
CG9643	74.69326	-0.17158	0.219254	1	1
CG3165	409.8604	0.417438	0.122509	1	1
CG8814	103.3101	-0.12975	0.193344	1	1
CG8813	4112.244	-0.00218	0.082714	1	1
CG2983	1.04747	-0.06013	0.534204	0.988384	1
CG3117	7.641424	0.535479	0.639357	0.26508	1
CG18557	12.80747	-0.04862	0.356337	1	1
CG18558	119.475	-0.00871	0.177348	1	1

CG2975	9.669433	0.339267	0.493876	0.663718	1
Cpr23B	1.130368	-0.04433	0.529355	1	1
CG3123	154.2029	0.360004	0.198107	1	1
Duox	21.42436	-0.31929	0.348989	1	1
CG2964	3001.901	0.072395	0.08757	1	1
CG15399	327.0196	0.776483	0.143281	1	1
aph-1	182.729	0.062352	0.156699	1	1
CG3077	93.785	-0.45258	0.215842	1	1
Tnpo-SR	101.1322	0.044552	0.206681	1	1
Cwc25	211.7711	0.104165	0.146201	1	1
CG9961	1648.521	0.276597	0.084501	1	1
CG15398	26.27624	-0.84756	0.451872	0.39376	1
CG9879	625.7798	0.578593	0.120606	1	1
Prosbeta4R1	531.0729	1.075585	0.135415	0.353386	1
CG9962	276.8337	-0.40951	0.153373	1	1
CG15395	770.9718	0.779752	0.119767	1	1
Drp1	2185.589	-0.11703	0.090236	1	1
Arpc5	718.2331	-0.12399	0.104793	1	1
ND-B17,2	749.9719	-0.1531	0.125406	1	1
Elba2	40.26134	0.206264	0.27758	1	1
insv	198.647	-0.21693	0.150935	1	1
Cyp309a2	387.9849	0.557399	0.142509	1	1
Cyp309a1	10.7842	-0.17767	0.405396	1	1
CG3515	402.9817	-0.01681	0.132717	1	1
CG3528	7.834736	-0.07167	0.395559	1	1
CG9886	43.8102	-0.49273	0.304254	1	1
CG18641	446.4511	0.208588	0.142465	1	1
VGlut	73.13418	-0.09027	0.515541	0.941812	1
CG3557	913.7873	0.469488	0.103296	1	1
PIG-Wa	33.58227	-0.04878	0.267688	1	1
Eogt	98.58984	-0.35183	0.20271	1	1
CG15390	3.222628	-0.1458	0.472358	0.99382	1
CG3609	464.657	-0.15406	0.123903	1	1
CG3597	36.57095	-0.28241	0.311685	1	1
CG9967	77.0196	-0.28805	0.230644	1	1
CG16995	88.79497	-0.41943	0.241515	1	1
robl22E	646.4611	0.270667	0.132685	1	1
CG17237	2645.056	-0.0096	0.086145	1	1
CG4271	4.343464	0.013617	0.557887	1	1
Sec24CD	347.7855	-0.30362	0.144901	1	1
CG4267	57.3901	-0.69222	0.285313	1	1
Tengl3	1654.266	0.196497	0.079133	1	1
sau	1006.195	0.092354	0.090727	1	1
mio	284.0091	0.102774	0.156497	1	1
CG10880	50.18605	-0.63638	0.315163	1	1
CG15385	33.05337	-0.23934	0.302375	1	1
CG4238	546.3061	0.092522	0.118701	1	1
CG15382	49.24002	0.651791	0.33834	0.977001	1
TBCD	561.0122	0.131033	0.120687	1	1
CG11723	251.811	-0.46761	0.150032	1	1

Npc2a	668.6966	-0.36327	0.118787	1	1
CG4259	36.81896	-0.08487	0.262456	1	1
CG7289	881.7453	0.125728	0.100907	1	1
CG12674	668.3489	-0.225	0.124896	1	1
CG15362	614.2466	0.205276	0.116429	1	1
CG15356	63.43564	-0.04653	0.227219	1	1
Der-1	426.2357	0.098662	0.113543	1	1
Wdr62	782.1407	-0.03382	0.139099	1	1
CG7295	1451.444	0.642667	0.093083	1	1
c-cup	1868.859	0.208442	0.093672	1	1
CG17650	368.0805	-0.32145	0.139939	1	1
CG17648	482.7408	-0.12782	0.123968	1	1
CG17712	148.8174	0.253725	0.176721	1	1
CG17652	30.31308	-0.25208	0.343036	1	1
CG31937	139.6016	-0.13868	0.191073	1	1
Rim2	130.148	-0.42318	0.191012	1	1
frtz	32.15236	-0.42001	0.359851	1	1
mRpL48	136.6147	-0.51269	0.205561	1	1
CG17660	391.0622	-0.27625	0.125787	1	1
CG14352	110.4367	-0.22879	0.201869	1	1
CG31935	505.6225	0.111704	0.116265	1	1
haf	13.38197	0.8895	0.62018	0.186326	1
CG10869	10930.25	0.288028	0.080559	1	1
CG18132	627.9658	0.273181	0.114277	1	1
CG7420	16.40037	-0.09997	0.349469	1	1
CG5565	2588.104	-0.22889	0.078419	1	1
CG5561	2078.227	0.20644	0.087362	1	1
CG5556	1334.549	0.026847	0.082493	1	1
CG5440	396.8928	0.23743	0.129228	1	1
robo3	23.34187	0.390731	0.365	1	1
CG5397	73.4141	0.920658	0.283206	0.618942	1
CG42329	13.13403	0.133813	0.359993	1	1
CG5139	2166.826	0.153137	0.08615	1	1
CG5001	74.35907	0.115723	0.220853	1	1
Tgt	48.4006	-0.09675	0.256549	1	1
CG5126	74.35402	-0.08319	0.219123	1	1
CG4887	114.5346	-0.05835	0.195152	1	1
Charon	79.18414	-0.1773	0.220587	1	1
CG14341	113.3523	-0.09792	0.20268	1	1
IntS14	82.1494	-0.66093	0.272543	1	1
Tango14	42.03459	-0.29963	0.292887	1	1
Vps29	421.8992	-0.12816	0.135306	1	1
Tfb4	196.0351	-0.02533	0.162581	1	1
l(2)10685	37.22549	-0.10622	0.283024	1	1
MFS3	7.523117	0.192314	0.416532	1	1
CG4577	7.10528	-0.04775	0.38709	1	1
CG4552	1105.508	0.109782	0.103237	1	1
CG14340	16.48774	0.908284	0.64518	0.164518	1
CG14339	490.6199	0.922599	0.136499	1	1
mtRNApol	413.1771	0.023024	0.121272	1	1

Atg4a	132.8947	-0.44776	0.197456	1	1
CG4415	969.5305	-0.78712	0.125772	1	1
CG4341	4.071876	-0.05482	0.451807	1	1
CG15824	1133.596	0.69682	0.146409	1	1
CG3544	1160.751	0.063135	0.098082	1	1
CG13949	171.2271	-0.34671	0.16504	1	1
CG13947	204.2333	-0.72361	0.190885	1	1
CG4291	214.3471	-0.07562	0.151415	1	1
CG12506	1364.305	-0.36175	0.107951	1	1
CG3862	64.61312	-0.31472	0.236071	1	1
CG2839	18.37956	-0.13508	0.333635	1	1
CG3662	3085.043	-0.13997	0.07516	1	1
lectin-21Cb	1.416546	0.002973	0.520345	1	1
PGAP2	26.52925	-0.37216	0.357402	1	1
CG13689	38.39523	0.141072	0.284143	1	1
Pex12	45.28483	-0.16084	0.261877	1	1
cold	188.1739	-0.36934	0.169354	1	1
Saf6	92.46116	-0.26302	0.215564	1	1
lpk2	53.4936	-0.42998	0.28412	1	1
Dbp21E2	30.51039	-0.29571	0.31874	1	1
Sf3b1	325.4173	-0.15382	0.131459	1	1
CG2794	1384.565	-0.04375	0.090104	1	1
CG11835	23.13066	0.276679	0.332647	1	1
Tspo	58.89072	0.078819	0.231307	1	1
MED15	607.5258	0.073956	0.121084	1	1
CG4133	11.31729	0.101044	0.392247	1	1
shv	434.5918	-0.18458	0.117753	1	1
BBS8	4.998243	0.106913	0.440394	1	1
CG13692	7.441695	-0.03289	0.390891	1	1
CG11885	519.2452	0.395754	0.130517	1	1
CG13690	13.66801	-0.00475	0.34134	1	1
CG4213	791.6998	0.747672	0.122935	1	1
CG11911	16.97919	-0.05387	0.341003	1	1
CG11562	2635.378	-0.42187	0.094575	1	1
Amnionless	3.05448	0.306644	0.651088	0.29802	1
CG11601	481.3713	0.066365	0.124051	1	1
CG17078	367.6453	0.380454	0.143633	1	1
mbm	108.9364	-0.05974	0.201097	1	1
CG11555	90.75044	-0.29832	0.225174	1	1
CG3345	5256.371	0.061332	0.080913	1	1
CG17075	37.47261	0.449596	0.330612	1	1
CG13693	1483.032	0.426286	0.088726	1	1
Tbc1d15-17	303.8394	-0.05902	0.128198	1	1
CG11617	14.95557	0.169208	0.385959	1	1
CG3436	220.4255	-0.57727	0.17333	1	1
CG3709	154.8946	0.076071	0.171222	1	1
CG42399	193.1016	0.330341	0.160287	1	1
CG11454	88.60594	-0.55304	0.230369	1	1
CG13694	37.32244	0.096975	0.276457	1	1
Nhe1	409.2073	0.411369	0.135504	1	1

CG11377	158.2897	-0.10224	0.178683	1	1
Zir	153.2663	-0.30591	0.181317	1	1
CG11374	77.87685	0.405661	0.26438	1	1
galectin	146.2569	-0.43057	0.197166	1	1
dbr	311.2319	0.276841	0.142096	1	1
CG12446	404.6737	0.391712	0.16072	1	1
CG17601	44.15966	-0.50112	0.366124	1	1
CG17598	91.55798	-0.40698	0.229018	1	1
CG14618	73.7279	-0.50602	0.264361	1	1
CG14613	531.0559	0.397107	0.110962	1	1
wap	309.3253	-0.5122	0.142006	1	1
tilB	527.2865	0.51691	0.116444	1	1
CG14615	23.19139	-0.19604	0.335498	1	1
CG14621	273.7977	-0.02812	0.13942	1	1
Cyp6t1	7.498993	-0.62874	0.726124	0.171083	1
CG10918	0.402161	-0.06186	0.629404	0.681279	1
CG1722	1206.945	-0.01589	0.101317	1	1
whe	1.137544	0.083294	0.573113	0.753897	1
Dd	141.7231	0.241414	0.194588	1	1
CG1724	570.9095	-0.02489	0.11666	1	1
CG14579	1248.962	1.003163	0.096987	0.755765	1
Rpt6	735.7716	-0.42789	0.100227	1	1
ABCA	168.2798	-0.25118	0.167586	1	1
unc	222.998	-0.28948	0.150492	1	1
CG1494	314.2164	0.708682	0.16579	1	1
CG1503	680.6071	0.262586	0.110644	1	1
CG15446	510.7996	0.190518	0.120309	1	1
CG32512	346.1236	0.055149	0.145926	1	1
Stt3A	233.4347	-0.30559	0.144921	1	1
Ntf-2	403.8072	-0.41481	0.129059	1	1
CG1529	56.12915	-0.21327	0.247636	1	1
CG1532	619.5113	-0.29411	0.118811	1	1
r-cup	1138.235	0.209817	0.105492	1	1
CG1304	1.523055	0.06265	0.496888	1	1
Npc1b	3.379575	0.288637	0.584692	0.420608	1
CG1314	1384.712	0.135365	0.089399	1	1
CG15450	570.7525	0.791534	0.126214	1	1
CG15452	785.897	0.134624	0.101864	1	1
CG1324	10471.21	-0.30076	0.082778	1	1
Cyp6v1	63.8355	-0.24012	0.243932	1	1
RunxA	0.811361	0.032512	0.566437	1	1
CG1812	344.8185	0.275951	0.137755	1	1
RhoGAP19D	94.47765	-0.08999	0.206332	1	1
CG32506	24.59541	-0.77349	0.483499	0.403166	1
CG15459	2258.057	-0.48904	0.103063	1	1
HERC2	347.6574	-0.13461	0.153103	1	1
I(1)G0004	104.2712	-0.44194	0.20451	1	1
CG12679	1517.46	-0.10989	0.109725	1	1
CG1631	456.3458	0.658478	0.127106	1	1
CG1504	0.707833	-0.03592	0.5849	0.959972	1

CG17065	316.8222	-0.06143	0.145902	1	1
CG17068	40.14581	-0.49286	0.31002	1	1
obst-A	6.56324	-0.23404	0.451685	0.952042	1
CG9578	332.7753	-0.07193	0.141491	1	1
CG9581	1122.479	-0.23672	0.093766	1	1
CG9577	98.69483	-0.3166	0.221695	1	1
Phf7	272.7984	-0.56196	0.146269	1	1
Rab35	370.2062	-0.08218	0.122947	1	1
CG9572	15.19878	-1.39584	0.724819	0.044231	1
fd19B	2.587159	0.070135	0.491134	1	1
CG9570	4174.324	-0.29765	0.083453	1	1
CG17003	691.5717	0.063376	0.107354	1	1
CG12655	22.24168	-0.31301	0.342789	1	1
THADA	57.48335	-0.39725	0.255566	1	1
SkpE	130.7114	-0.77456	0.245366	1	1
SkpC	338.8784	-0.70275	0.172392	1	1
SkpD	282.8046	0.58694	0.152912	1	1
CG12702	273.8209	-0.02631	0.154076	1	1
Pmp70	125.5001	-0.34139	0.19345	1	1
Alr	772.8737	-0.07861	0.101984	1	1
et	16.4393	-0.12276	0.344027	1	1
parvin	180.9145	-0.16247	0.163981	1	1
Ssu72	154.8581	-0.59388	0.184259	1	1
CG14234	1.013957	0.066277	0.574346	0.821774	1
CG14223	58.4121	0.646702	0.297493	1	1
CG12531	1.254727	-0.097	0.57747	0.692281	1
Elys	1117.378	0.598889	0.143335	1	1
CG14230	64.24046	-0.47836	0.250238	1	1
Ranbp21	552.2832	0.413472	0.137169	1	1
CG14232	855.2452	0.047322	0.100287	1	1
Arp10	203.6492	-0.15248	0.154247	1	1
CG14231	80.16885	-0.33218	0.234587	1	1
Sec61gamma	959.9914	0.022145	0.097246	1	1
CG14229	245.2251	0.508905	0.148439	1	1
CG12237	193.5723	-0.19746	0.18871	1	1
CG14227	7.007653	0.066617	0.394754	1	1
Ubqn	1231.175	-0.0623	0.10375	1	1
e(y)3	255.7794	-0.27368	0.162613	1	1
CG14212	297.9122	0.087089	0.135654	1	1
MKP-4	64.95663	-0.46091	0.281277	1	1
Naa20A	130.5245	-0.3676	0.207101	1	1
CG14221	5.465727	-0.08804	0.431622	1	1
CG14210	42.401	-0.35312	0.277053	1	1
CG14220	115.1088	-0.51272	0.239061	1	1
CG14204	2.336075	0.156294	0.516398	0.765604	1
CG14218	1.815762	-0.15042	0.577796	0.564825	1
CG32532	1.138289	-0.05578	0.538515	0.993262	1
Mst33A	4407.212	0.771483	0.090547	1	1
Pten	486.0271	0.24713	0.144753	1	1
sdk	151.5015	-0.3393	0.189176	1	1

Dhod	2670.401	0.21311	0.08519	1	1
Rbp9	527.1451	-0.40802	0.133465	1	1
Rab11	938.6791	-0.686	0.096463	1	1
Syx5	831.8185	0.061722	0.113948	1	1
spi	314.0466	0.019847	0.133205	1	1
cad	388.6644	0.321518	0.130031	1	1
Sox14	78.8817	-0.23934	0.226218	1	1
porin	3487.123	-0.29853	0.072929	1	1
trx	180.2754	-0.03607	0.17793	1	1
imd	77.71193	0.13837	0.219191	1	1
Fie	422.8641	0.386683	0.125057	1	1
Ance-5	44.55697	0.277869	0.268775	1	1
CG12231	185.8757	0.004977	0.161519	1	1
CG14200	335.9975	-0.26812	0.148845	1	1
CG12204	33.41352	-0.3307	0.296248	1	1
ND-18	415.4733	-0.12299	0.127419	1	1
Naa15-16	922.1887	0.090141	0.094108	1	1
CG12200	6.329197	0.17797	0.460929	0.989514	1
out	452.0653	0.75963	0.141779	1	1
CG8051	176.5646	0.745472	0.183644	1	1
CG8034	122.1452	0.484009	0.201297	1	1
CG8028	0.887578	-0.04658	0.549824	1	1
CG8010	169.7186	0.369435	0.174379	1	1
rictr	255.641	-0.25495	0.161993	1	1
Hs3st-B	1.218558	0.072971	0.551599	0.867761	1
CG7992	3.853838	0.019381	0.436255	1	1
CG7889	175.0423	-0.29193	0.176745	1	1
CG14196	58.8697	-0.23698	0.26091	1	1
CG7884	8.938822	-0.81413	0.897625	0.083523	1
Muc18B	0.545392	0.072742	0.63174	0.625478	1
Mur18B	31.57789	0.319391	0.717388	0.222186	1
Ulp1	596.9475	-0.33669	0.112218	1	1
CG7990	97.19008	0.632952	0.234239	1	1
CG14194	387.7218	-0.20417	0.122209	1	1
CG7914	35.77011	0.093558	0.275159	1	1
HP1D3csd	20.54636	-0.20465	0.329137	1	1
CG7453	821.1987	0.284794	0.104592	1	1
CG7556	428.6861	0.007265	0.117514	1	1
Inx5	535.5839	0.448713	0.121112	1	1
RhoGAP18B	82.06502	0.119808	0.213138	1	1
Obp18a	70.42646	0.453443	0.280253	1	1
tgyl	9.897506	-0.39792	0.460095	0.755528	1
CG7423	185.632	0.683172	0.172213	1	1
CG14191	9.400675	-0.0917	0.383779	1	1
CG7406	1.624873	-0.17283	0.584657	0.512723	1
CG14190	371.5629	0.617977	0.163535	1	1
CG43759	28.28124	0.126373	0.313217	1	1
CG7378	84.10889	-0.33192	0.224622	1	1
SdhBL	3534.56	0.125288	0.084727	1	1
Flacc	138.3306	-0.03546	0.178336	1	1

CG7332	551.3634	-0.34067	0.116665	1	1
CG7058	10.90866	-0.30793	0.453405	0.86108	1
corolla	1206.34	0.096102	0.089451	1	1
Atg101	68.50411	1.055793	0.304183	0.332242	1
CG8326	42.26241	-0.19004	0.264776	1	1
CG7326	38.17218	-0.75491	0.368996	0.69281	1
CG6961	369.1553	0.247199	0.137554	1	1
stas	311.0367	-0.01918	0.129623	1	1
X11L	348.5052	0.125719	0.131972	1	1
Usp39	201.5497	-0.45307	0.193384	1	1
CG18259	270.3961	0.070814	0.154843	1	1
htk	98.3788	-0.37753	0.226653	1	1
CG12992	1673.835	0.278171	0.111686	1	1
shop	38.39929	-0.23649	0.288431	1	1
CG6873	1153.402	-0.32554	0.109039	1	1
Cyp308a1	6.435524	-0.05741	0.402528	1	1
ppk23	0.61248	0.100901	0.632648	0.529838	1
CG7101	34.90736	-0.30876	0.301069	1	1
CG42450	78.04601	-0.85377	0.279301	0.786891	1
CG6696	0.275948	0.042618	0.616394	0.829472	1
CG8568	17.81775	-0.58563	0.501928	0.495277	1
Ing3	465.333	-0.1392	0.128361	1	1
p-cup	782.4875	0.044688	0.106083	1	1
CG6617	136.8453	-0.36737	0.194861	1	1
Nup35	90.59663	-0.45425	0.236461	1	1
Rip11	929.7514	0.151052	0.101103	1	1
CG8661	0.541633	-0.09283	0.634162	0.548628	1
CG15040	401.6173	-0.06461	0.132349	1	1
CG8664	28.64795	0.098399	0.291877	1	1
CG15047	12.99946	0.175046	0.366749	1	1
CG8675	72.15067	-0.45225	0.272421	1	1
CG15042	42.92971	0.690486	0.350442	0.86056	1
CG6481	2419.408	-0.12349	0.084937	1	1
CG8915	136.6015	-0.1225	0.177529	1	1
CG6470	1839.635	0.384689	0.08667	1	1
Ggt-1	204.5744	-0.0076	0.183382	1	1
Xrcc2	1.660169	-0.06045	0.508122	1	1
CG5162	57.27641	-0.5283	0.323416	1	1
CG18258	2.25003	-0.06931	0.630725	0.642882	1
CG15043	0.46208	-0.01556	0.595998	1	1
CG15044	0.742949	-0.02094	0.566605	1	1
CG15046	9.966147	-0.2143	0.406086	1	1
psh	3.885675	0.043304	0.441791	1	1
TTLL1A	387.7282	0.054014	0.130822	1	1
Hayan	16.35487	-0.10669	0.345313	1	1
Chchd2	860.1398	-0.04267	0.103597	1	1
CG6290	1.641647	-0.06911	0.505575	1	1
Arpc3B	48.17126	-0.33903	0.290197	1	1
CG15056	263.3204	-0.47128	0.175755	1	1
CG16700	21.24395	-0.1715	0.321721	1	1

CG8945	0.769946	0.030369	0.559984	1	1
CG4955	1930.708	-0.15079	0.087813	1	1
CG6179	116.4646	-0.17673	0.189182	1	1
CG6106	1.011057	-0.07404	0.56031	0.833169	1
wcy	308.6121	-0.26679	0.153217	1	1
CG6123	1.100876	0.011781	0.533148	1	1
Ubr1	446.1257	-0.38923	0.153836	1	1
RhoGAP15B	63.96085	0.080941	0.236644	1	1
CG13000	0.426242	-0.06867	0.628121	0.653036	1
CG13001	50.27633	-0.45717	0.27257	1	1
wus	16.97282	0.009454	0.337163	1	1
CG4880	592.7652	0.455797	0.108049	1	1
DENR	127.6262	-0.16873	0.187507	1	1
Nprl2	59.19049	-0.54616	0.288692	1	1
Him	40.15787	-0.00351	0.270672	1	1
Andorra	321.5203	0.184199	0.14673	1	1
Frq1	12.9974	0.015398	0.351119	1	1
CG13004	7.414215	-0.07072	0.390951	1	1
CG7135	18.21442	0.062552	0.328955	1	1
CG13005	34.56621	0.104899	0.270666	1	1
CG4789	297.28	-0.25798	0.136825	1	1
CG15373	40.92503	0.225264	0.285276	1	1
Rrp45	96.52873	-0.42275	0.221811	1	1
Sap30	106.5834	-0.47941	0.213832	1	1
CG6867	35.28092	0.232753	0.285296	1	1
CG9609	122.377	0.275411	0.191838	1	1
CG12672	5.585027	-0.00076	0.415185	1	1
goe	45.2838	-0.7958	0.358998	0.658073	1
CG6847	89.13121	0.327986	0.239379	1	1
Vps4	698.6528	0.112335	0.09942	1	1
CG7772	381.5263	0.096548	0.123157	1	1
CG12985	99.64461	1.124766	0.280328	0.245862	1
CG13008	2862.417	-0.029	0.097819	1	1
CG6788	1.403529	0.327741	0.833929	0.144106	1
CG6769	118.1649	0.066175	0.191201	1	1
CG9672	11.15462	-0.28533	0.426257	1	1
Arp8	83.14914	-0.26544	0.219353	1	1
CG4653	1.311215	-0.06069	0.536887	0.975785	1
CG6762	16.4242	-0.14265	0.341123	1	1
CG9673	2.850501	-0.23789	0.572604	0.47916	1
Mco4	1.179863	0.146935	0.623703	0.458322	1
Spt7	91.04187	0.082972	0.212814	1	1
sing	2.055722	-0.07356	0.486642	1	1
Ucp4A	37.68293	-0.46845	0.310826	1	1
CG13010	676.3862	-0.34657	0.105907	1	1
CG8142	105.6076	-0.57736	0.207562	1	1
CG13012	82.28142	-0.59382	0.246981	1	1
CG6398	407.014	0.10531	0.118333	1	1
CG15865	21.31129	0.248067	0.343275	1	1
CG9723	501.308	0.47472	0.122225	1	1

unc-4	0.454972	0.066572	0.60967	0.714877	1
mthl1	90.20611	-0.65208	0.258781	1	1
SNRPG	314.9137	-0.40673	0.160863	1	1
CG8173	301.2039	-0.3066	0.139131	1	1
CG9777	718.9068	0.703244	0.120086	1	1
CG9782	2.652858	0.352318	0.727554	0.207039	1
CG8188	1040.986	0.187984	0.100779	1	1
Nup153	202.9662	0.094443	0.171969	1	1
CG9784	82.62182	-0.13716	0.209181	1	1
CG4301	23.84042	0.138991	0.313028	1	1
CG13014	50.34715	-0.24037	0.245485	1	1
CG9981	24.88842	0.009062	0.303312	1	1
CG9902	168.0092	-0.6489	0.201653	1	1
CG12990	12.51021	-0.07373	0.35765	1	1
TH1	233.8819	-0.0779	0.149352	1	1
CG9903	0.486848	-0.05683	0.613306	0.753307	1
IntS2	163.255	-0.05473	0.183736	1	1
Cnx14D	306.4183	-0.15612	0.130785	1	1
CG5800	132.3357	-0.85184	0.216649	1	1
eIF2alpha	1217.328	-0.104	0.096698	1	1
CG8289	76.66497	-0.14982	0.233402	1	1
rngo	1207.392	-0.08886	0.098731	1	1
CG9919	9.165473	0.125	0.38844	1	1
ND-24	581.8542	-0.04932	0.109994	1	1
CDC50	167.918	-0.14676	0.161449	1	1
CalpC	51.75943	-0.61217	0.297087	1	1
CG9917	510.1035	0.189784	0.13431	1	1
SWIP	61.47786	0.069174	0.229975	1	1
CG3679	131.644	-0.07998	0.180377	1	1
Mfe2	238.6029	-0.6612	0.168415	1	1
CG12507	0.742949	-0.02094	0.566605	1	1
CG8958	689.3217	0.435797	0.104839	1	1
dpr18	6.747852	-0.11297	0.421877	1	1
CG12395	502.4619	0.716389	0.122557	1	1
CG12698	949.7858	0.804701	0.109838	1	1
CG8939	299.9211	-0.50826	0.139265	1	1
Slc25A46a	221.3466	-0.07934	0.150126	1	1
Rrp47	104.9867	0.131037	0.210262	1	1
CG8924	42.99558	-0.20013	0.282691	1	1
CG8916	0.378199	-0.00451	0.605339	1	1
CG15916	112.0345	0.180456	0.19438	1	1
MSBP	1241.904	-0.02848	0.085998	1	1
tay	110.471	0.22889	0.198741	1	1
CG15914	39.42141	0.113343	0.257831	1	1
CG8578	141.2805	-0.30565	0.192156	1	1
ArgRS	253.7811	-0.54704	0.148677	1	1
CG8565	6218.742	0.473029	0.088803	1	1
CG8509	486.8497	0.240725	0.130618	1	1
PGRP-LE	275.772	0.161843	0.1372	1	1
CG15602	250.985	0.121311	0.148298	1	1

Efhc1,1	1310.53	0.30683	0.109506	1	1
CG8952	3.653568	-0.12127	0.48056	1	1
Mvd	39.98364	0.28906	0.277735	1	1
CCT6	760.7026	-0.51981	0.111584	1	1
CG8944	47.6406	-0.59821	0.313703	1	1
CG8206	248.4411	0.060023	0.149049	1	1
CG11679	113.5217	-0.16472	0.186723	1	1
MagR	666.9561	-0.088	0.102572	1	1
CG12379	21.46687	-0.37083	0.363288	1	1
CG8191	30.4724	-0.1186	0.290843	1	1
CG8184	562.7341	-0.1446	0.137801	1	1
CG15601	168.3596	0.280168	0.165261	1	1
CG8134	180.942	-0.35939	0.165965	1	1
CG9240	422.8056	-0.27528	0.125184	1	1
CG8128	618.2688	-0.18699	0.116979	1	1
CG15599	385.8105	-0.50685	0.144015	1	1
CG15646	5.199691	0.186526	0.511947	0.733721	1
CG8117	65.72794	-0.37574	0.253116	1	1
Alp11	541.323	0.402921	0.125439	1	1
CG8097	1110.623	0.222457	0.093508	1	1
CG9215	196.3438	-0.33017	0.152306	1	1
CG7872	397.7004	0.153063	0.127558	1	1
CG7860	617.8437	-0.61579	0.111346	1	1
shtd	285.2622	0.070483	0.159372	1	1
CG11655	58.86931	-0.12376	0.246085	1	1
CG6324	204.7433	-0.40269	0.155745	1	1
mh	160.7023	-0.0549	0.160536	1	1
Alg14	46.94368	-0.25485	0.259037	1	1
Grip128	195.9316	0.11746	0.153213	1	1
CG6227	96.98526	-0.82178	0.258179	0.947762	1
CG15641	1.822893	-0.02869	0.50138	1	1
CG12608	172.3457	-0.4894	0.169048	1	1
CG15642	48.32615	0.048847	0.245329	1	1
CG9123	482.5704	-0.29785	0.121384	1	1
CG9114	48.26211	0.223477	0.25286	1	1
CG9101	947.1537	0.046454	0.098425	1	1
CG5662	589.3379	-0.199	0.110366	1	1
CG43737	9.366476	0.480535	0.601858	0.330253	1
CG9095	24.26875	0.211221	0.317633	1	1
RpL37a	1566.531	-0.58671	0.113183	1	1
CG9072	756.0707	-0.17962	0.115309	1	1
CG5599	22.40372	-0.02544	0.308324	1	1
CG15027	51.31401	0.187068	0.27096	1	1
CG9065	308.3521	0.159795	0.146664	1	1
Lsd-2	175.1685	-0.51699	0.1729	1	1
dob	69.87478	0.23159	0.252511	1	1
ND-B18	333.0052	0.019607	0.127725	1	1
pdgy	194.1678	0.129782	0.160738	1	1
CG9503	3.718367	-0.06691	0.439364	1	1
Eo	0.65011	0.091077	0.623696	0.581077	1

CG12398	1.065727	-0.1388	0.608977	0.50485	1
CG9512	18.1613	0.671192	0.651353	0.223332	1
CG9514	0.402161	-0.06186	0.629404	0.681279	1
CG9518	83.92712	1.113319	0.372246	0.220214	1
CG9519	3.710652	0.024658	0.599047	1	1
CG9521	1.330913	0.012337	0.52173	1	1
CG14407	376.9355	-0.01526	0.131714	1	1
CG14410	1.660498	-0.04124	0.494646	1	1
CG5347	387.5714	0.592703	0.13976	1	1
CG5334	100.3801	0.266016	0.202139	1	1
CG15890	26.7698	-0.39026	0.337331	1	1
CG5321	59.65154	-0.16494	0.253872	1	1
nmdyn-D6	23.69875	-0.12299	0.322203	1	1
CG12540	0.656739	-0.02015	0.57064	1	1
CG9411	1.262469	-0.16355	0.642925	0.398288	1
betaNACtes4	308.3121	-0.56172	0.151127	1	1
CG13404	1.555598	-0.00509	0.498666	1	1
mRNA-cap	751.619	-0.19409	0.099159	1	1
Fbxl4	67.91483	-0.28913	0.228664	1	1
CG1434	49.30595	-0.46657	0.296317	1	1
CG11674	0.883923	0.074269	0.56753	0.808195	1
CG11590	185.3845	-0.31024	0.165772	1	1
CG13403	4.491041	0.121717	0.457905	1	1
CG11584	8.932051	-0.24525	0.434551	1	1
CG11581	0.084946	0.016718	0.607437	1	1
CG1368	51.47429	0.125497	0.256581	1	1
betaNACtes1	167.8894	-0.16567	0.190557	1	1
CG12480	0.909944	0.153794	0.649352	0.397961	1
CG11095	18.23203	-0.0751	0.327668	1	1
CG11068	2212.977	-0.03158	0.086483	1	1
CG10996	722.9735	0.058088	0.102158	1	1
CG10993	152.2572	-0.39852	0.174018	1	1
jub	104.5652	-0.23629	0.19774	1	1
CtsB1	1238.009	-0.28887	0.09258	1	1
Nup93-1	218.0682	0.12286	0.161677	1	1
Rtc1	80.2059	0.192806	0.248378	1	1
Clic	288.6183	-0.15581	0.153065	1	1
Pdcd4	460.1222	-0.34278	0.149572	1	1
CG11151	260.837	-0.37854	0.151265	1	1
CG11134	115.7296	0.182214	0.184834	1	1
CG9941	243.224	-0.26476	0.153105	1	1
CG11158	26.67927	-0.27993	0.317878	1	1
CG12177	30.33204	0.012843	0.276159	1	1
CG15760	18.97759	0.006697	0.325918	1	1
CG11164	20.60941	-0.1055	0.325778	1	1
DNAIlg4	210.8639	0.368193	0.16971	1	1
CG2691	287.1831	-0.40811	0.139875	1	1
Tango2	449.0162	0.199168	0.119458	1	1
tth	188.6287	-0.31462	0.159764	1	1
BthD	68.29199	-0.06747	0.237406	1	1

Ndc80	177.7167	-0.20907	0.159357	1	1
CG32633	0.169892	0.02982	0.611184	0.934191	1
CG11816	48.54634	0.200579	0.269081	1	1
CG15756	4.606433	0.067497	0.443733	1	1
Set2	755.9084	-0.13591	0.136376	1	1
CG1998	197.9277	-0.179	0.169951	1	1
GstT4	156.5071	0.033561	0.171693	1	1
CG12725	181.6222	-0.05891	0.159689	1	1
CG1673	14.24228	0.291771	0.397467	1	1
CG1662	838.1209	-0.1826	0.098726	1	1
Yippee	57.78717	0.056332	0.233629	1	1
Tim9a	644.4345	-0.06133	0.121875	1	1
Rbp1-like	78.67364	-0.28476	0.220746	1	1
Syt12	9.15503	0.116154	0.381012	1	1
CG1622	110.8036	-0.2256	0.219311	1	1
CG1764	78.45135	0.058083	0.216979	1	1
CG15744	118.1722	-0.30921	0.202019	1	1
CG15743	69.3987	-0.1106	0.219654	1	1
CG15742	956.5173	0.450593	0.099624	1	1
REG	1148.019	-0.16607	0.089272	1	1
Coq5	202.6691	-0.06494	0.161703	1	1
CG12723	0.564884	-0.00319	0.5842	1	1
CG12096	441.615	0.065295	0.126472	1	1
CG4332	128.9266	-0.02375	0.194717	1	1
CG4318	129.6611	-0.17823	0.198266	1	1
MFS10	1.463309	-0.01384	0.495307	1	1
CG15717	1.926572	-0.13494	0.530403	0.753298	1
CG42237	118.6826	-1.10761	0.268624	0.274482	1
Fer3HCH	830.1524	-0.02009	0.102548	1	1
CG43313	28.90661	-0.01474	0.287074	1	1
CG2200	101.4354	-0.43517	0.204208	1	1
rad	5.284107	-0.19004	0.46323	0.956621	1
CG12715	0.368146	-0.05271	0.613132	0.776653	1
CG2209	595.6788	-0.01805	0.114909	1	1
CG15719	387.9463	0.200175	0.12227	1	1
CG15721	6.732304	0.021907	0.397891	1	1
hec	11.44151	-0.25789	0.409362	1	1
fne	3.306352	0.185254	0.502934	0.773828	1
CG4645	185.8455	-0.17858	0.165621	1	1
Brms1	236.4311	0.19507	0.147385	1	1
mRpl49	125.6884	-0.52807	0.206851	1	1
CG4404	45.01422	0.005311	0.277489	1	1
CG12717	29.12343	-0.44384	0.367073	1	1
Coq8	59.32098	-0.07148	0.233475	1	1
Paics	205.3968	-0.38265	0.184479	1	1
CG4661	1524.645	0.65446	0.112512	1	1
Nep6	26.48988	-0.0817	0.307328	1	1
CG2540	76.8592	-0.37698	0.229984	1	1
Aven	79.98508	0.098791	0.227889	1	1
CG15728	504.3028	0.274616	0.112104	1	1

CG11085	0.275948	0.042618	0.616394	0.829472	1
Fpgs	11.93633	0.087952	0.371637	1	1
CG1463	39.32035	-0.35006	0.294964	1	1
Sec16	254.6462	-0.22939	0.178855	1	1
CG1824	216.2464	0.114731	0.147876	1	1
Pits	279.5451	-0.679	0.154684	1	1
Cpr11B	0.949315	0.11416	0.602306	0.572894	1
CG2556	17.00279	-0.10709	0.345026	1	1
Mks1	34.43492	-0.16964	0.281993	1	1
CG42258	256.4226	0.143505	0.152079	1	1
CG15731	0.19466	-0.00449	0.605571	1	1
CG15927	13.9272	0.236057	0.406633	1	1
Pkcdelta	22.85192	0.102638	0.331289	1	1
CG2574	1310.107	-0.2487	0.092182	1	1
Ir11a	0.553565	0.051203	0.603596	0.812486	1
CG2577	701.3396	0.049081	0.110562	1	1
CG1924	252.9808	0.141054	0.150692	1	1
CG2750	2641.518	0.511839	0.126564	1	1
CG15734	622.3374	0.161699	0.109985	1	1
moon	5.907021	-0.05935	0.415274	1	1
Uch-L5R	779.2278	0.268463	0.105277	1	1
Cyp311a1	3.143311	0.006368	0.464742	1	1
Usp7	2737.084	0.12757	0.099746	1	1
Tango4	73.32647	-0.69497	0.284971	1	1
Lsm12	183.2086	-0.40098	0.184156	1	1
Chrac-16	54.65629	0.420288	0.26967	1	1
CG1806	47.13123	-0.00637	0.254424	1	1
CG18130	1807.682	-0.07858	0.100482	1	1
CG10362	2.41412	-0.05478	0.475575	1	1
Scip	111.425	0.322689	0.198285	1	1
Upf1	516.3836	0.007894	0.139354	1	1
wisp	23.96436	0.43952	0.368167	1	1
sicily	179.5474	-0.0082	0.154958	1	1
CG1840	216.933	0.245455	0.177798	1	1
SelG	120.1162	-0.30903	0.197027	1	1
CG15739	238.2402	-0.29357	0.152661	1	1
CG11802	296.6709	-0.17075	0.136873	1	1
Nrd1	457.7853	-0.40555	0.139006	1	1
ATP7	2086.665	-0.23344	0.104021	1	1
p24-1	329.542	0.039589	0.132638	1	1
CG15740	1.175555	-0.1682	0.61611	0.445506	1
Cyp28c1	2.128439	-0.05186	0.615729	0.774186	1
CG1578	62.97797	-0.25272	0.270446	1	1
m	3.177543	-0.18455	0.516881	0.716527	1
CG9360	10.47186	-0.04847	0.369347	1	1
prtp	1532.787	-0.17369	0.093393	1	1
FucT6	121.5014	-0.32714	0.193609	1	1
CG2444	0.711524	-0.05738	0.575424	0.862075	1
RPA3	70.82294	0.084569	0.236771	1	1
PGRP-SA	120.8616	-0.87036	0.277824	0.751349	1

CG1703	920.6775	0.177045	0.10862	1	1
CG2247	618.0866	-0.79917	0.137788	1	1
CG2533	1673.41	-0.29296	0.100836	1	1
Spase25	403.5727	-0.28586	0.12695	1	1
CG11695	130.9055	-0.52797	0.190326	1	1
Uba5	233.9102	-0.37475	0.145492	1	1
CG11696	105.1528	0.190303	0.214085	1	1
CG43155	1.675637	0.009838	0.50445	1	1
Reep1	1245.459	-0.00898	0.098524	1	1
CG15196	1356.401	-0.35674	0.0857	1	1
Tim8	700.1495	-0.06319	0.105935	1	1
Pa1	77.71642	-0.94351	0.313599	0.508974	1
CG1737	87.28817	-0.40105	0.236057	1	1
CG11752	72.05229	-0.65075	0.258708	1	1
CG1738	68.83772	-0.45617	0.244306	1	1
CG11756	717.3351	0.07441	0.108156	1	1
GCS1	266.9788	0.065159	0.139779	1	1
Gapvd1	104.75	-0.41384	0.20693	1	1
CG15198	1972.991	-0.40757	0.084412	1	1
CG11106	2121.966	-0.03397	0.085186	1	1
CG15200	2574.097	-0.40657	0.09089	1	1
CG1394	7509.905	-0.19626	0.068508	1	1
antdh	9.522595	-0.0831	0.373506	1	1
rtv	10.64968	0.028803	0.364876	1	1
Lint-1	467.4574	-0.0705	0.115335	1	1
CG15201	19.53414	0.067096	0.319275	1	1
CG15202	2.730773	0.167668	0.5639	0.577476	1
CDK2AP1	54.42035	-0.5946	0.288	1	1
Rpt3	331.9432	-0.52739	0.133855	1	1
CG11122	288.6489	-0.03433	0.177608	1	1
CG42249	78.70137	0.680464	0.317331	1	1
CG15203	35.16298	0.471195	0.31752	1	1
CG1537	0.084946	0.016718	0.607437	1	1
C901	2.132323	-0.09494	0.503411	0.979604	1
Myo10A	5.560115	0.034364	0.422262	1	1
CG15208	2147.368	0.658226	0.096624	1	1
CG1582	651.1261	-0.23333	0.126388	1	1
CG2157	49.77194	-0.9773	0.348229	0.399581	1
CG2186	99.17262	-0.27488	0.21765	1	1
sofe	1089.42	0.437371	0.129824	1	1
feo	525.0823	0.39296	0.115423	1	1
CG2202	205.7958	-0.1798	0.172428	1	1
CG17333	307.1279	0.016893	0.131408	1	1
CG15209	24.19908	0.048816	0.295115	1	1
CG15211	80.64454	-0.11641	0.222178	1	1
Rph	24.98841	0.47792	0.402952	0.929876	1
BTBD9	699.7837	0.449595	0.140009	1	1
stx	840.3024	-0.03482	0.13135	1	1
CG12637	718.4936	0.159985	0.114178	1	1
CG2111	5.673378	0.07038	0.460196	1	1

CG9806	3.880809	0.596046	0.966601	0.082532	1
Rab9Db	21.56109	0.305542	0.386642	1	1
CG43347	269.2479	0.076958	0.190185	1	1
CG1628	547.6394	-0.24534	0.134253	1	1
CG2124	23.22745	-0.08424	0.312811	1	1
Hmr	107.0368	-0.09994	0.197913	1	1
RabX2	83.40033	0.127894	0.364669	1	1
CG15296	916.9614	0.205918	0.108197	1	1
Psf3	55.3361	0.040424	0.245269	1	1
CG2887	265.27	0.019	0.137468	1	1
CG2898	717.2529	-0.07033	0.106298	1	1
CG2889	149.4387	0.004325	0.163904	1	1
CG43740	40.13429	0.851195	0.40294	0.476478	1
CG15306	4418.11	0.638865	0.093989	1	1
CG2909	189.1266	-0.36588	0.157361	1	1
Ipod	3.167961	-0.05938	0.452319	1	1
CG34408	105.6199	-0.16033	0.215429	1	1
ATPsyndelta	387.7084	-0.51553	0.121853	1	1
CG15309	224.0103	0.204679	0.159264	1	1
CG43902	17.87198	0.350518	0.433936	0.913761	1
Naxe	123.9551	0.277814	0.215564	1	1
CG2972	232.5111	0.061422	0.142623	1	1
Cht6	23.77848	0.976933	0.51794	0.22316	1
CG43386	1.626456	0.167445	0.583747	0.522381	1
CG1986	16.90784	-0.20873	0.361824	1	1
CG9689	475.6205	0.329547	0.119692	1	1
CG9686	19.13306	-0.33302	0.37051	1	1
Ser7	46.27462	-0.84354	0.376865	0.540804	1
CARPB	5.375294	-0.04733	0.449491	1	1
CG3106	3.11937	-0.50685	0.883784	0.109581	1
CG42797	587.2697	0.795781	0.115387	1	1
Lst8	52.23694	-0.24869	0.25865	1	1
Gga	250.0408	-0.14834	0.151589	1	1
CG15317	30.3661	-0.20688	0.286558	1	1
RpS28b	2219.369	-0.4299	0.100028	1	1
l(1)G0320	571.204	-0.41306	0.12472	1	1
mgl	641.1101	0.093593	0.158265	1	1
BCL7-like	74.672	0.142927	0.234745	1	1
Aladin	103.5729	-0.38986	0.209035	1	1
Cfp1	163.8431	-0.13346	0.167862	1	1
CG17440	331.3199	0.192606	0.134471	1	1
ric8a	150.5985	0.246486	0.174311	1	1
mxcl	51.04648	-0.33623	0.278302	1	1
CG12121	518.0525	-0.03815	0.109872	1	1
CG15370	1.241803	-0.21502	0.705884	0.267668	1
t	41.26308	0.38051	0.318435	1	1
CG15368	569.7669	-0.25502	0.12434	1	1
SmydA-9	41.89751	0.040368	0.269896	1	1
CG12106	13.46114	-0.18888	0.376435	1	1
Arfrp1	256.7745	0.053226	0.134185	1	1

CG12056	70.66227	-0.35019	0.24215	1	1
CCT2	937.6122	-0.54604	0.106437	1	1
CG12057	0.438282	-0.06486	0.63176	0.660113	1
CG12115	0.360894	0.05287	0.622219	0.749864	1
CG6999	124.7565	-0.53563	0.212227	1	1
Zpr1	222.3844	0.092997	0.144736	1	1
APC4	198.8736	-0.04389	0.152075	1	1
HP1b	147.171	-0.0292	0.179055	1	1
Bap111	532.4786	-0.69819	0.154255	1	1
CG7246	81.95812	0.677603	0.249526	1	1
CG7065	155.4267	-0.64031	0.204492	1	1
CG44325	447.431	-0.68589	0.161881	1	1
fend	12.88231	-0.01497	0.357399	1	1
CG10970	7.375861	-0.01659	0.396244	1	1
CG15365	15.90944	0.220766	0.376182	1	1
Nost	103.3671	0.123136	0.218797	1	1
CG12661	75.41693	0.781776	0.269819	1	1
Rbm13	177.1387	-0.57027	0.173532	1	1
Uros1	144.1319	0.25192	0.192423	1	1
Lim1	177.3137	0.097981	0.177298	1	1
CG1789	180.13	-0.38498	0.186437	1	1
l(1)G0020	49.44639	-0.46532	0.278471	1	1
CG1785	194.5358	-0.532	0.169993	1	1
CG2004	163.7033	-0.09417	0.160141	1	1
CG11294	451.1462	0.333172	0.125978	1	1
Ogg1	33.72684	-0.07722	0.281408	1	1
CAH3	88.51279	-0.35738	0.227817	1	1
CG12772	74.90882	-0.18807	0.219064	1	1
Caf1-180	29.33214	0.026061	0.287738	1	1
CG12081	219.7367	-0.40169	0.147961	1	1
CG12111	991.0575	-0.85791	0.128292	1	1
CG12112	106.5282	-0.60357	0.224525	1	1
IntS4	64.45957	-0.05487	0.23245	1	1
PIP82	3.286652	0.285793	0.625629	0.343494	1
Cp7Fc	0.292188	-0.04954	0.621123	0.77256	1
Cp7Fb	49.81267	-0.69387	0.325095	0.957985	1
CG12116	59.16796	-1.36762	0.411834	0.065594	1
Es2	359.4205	0.829344	0.153024	1	1
CG15347	323.7369	-0.9464	0.188965	0.800071	1
CG12123	551.7109	-0.20128	0.124885	1	1
CG1440	1925.808	-0.04154	0.080017	1	1
Miga	397.929	0.411794	0.143587	1	1
PIG-T	397.327	0.036293	0.121988	1	1
CG10555	55.56722	-0.25621	0.251489	1	1
CG1387	2365.014	0.156052	0.100104	1	1
CG1636	146.2745	0.350705	0.192943	1	1
CG15343	8.235138	0.110701	0.422612	1	1
Corp	9.997116	0.318827	0.467237	0.787863	1
CG1632	22.63417	-0.46685	0.394482	0.982441	1
sni	87.66478	0.141461	0.209437	1	1

CG2147	576.0461	-0.22674	0.11265	1	1
slpr	171.1701	0.063984	0.173193	1	1
CG2278	30.5014	-0.24929	0.29537	1	1
CG10761	889.0803	-0.18855	0.112777	1	1
CG15337	585.6007	0.11337	0.111177	1	1
GlIIspla2	35.27086	-0.2501	0.28778	1	1
CG18262	58.33525	-0.20515	0.262305	1	1
Gbeta5	53.51311	-0.23062	0.257816	1	1
CG10959	109.0837	0.646448	0.257459	1	1
CG15336	8.052162	0.267296	0.461968	0.860905	1
CG2129	82.06213	-0.30678	0.22083	1	1
alpha-PheRS	235.6301	-0.57406	0.160393	1	1
CG17982	111.247	-0.10414	0.189498	1	1
CG2120	1.146045	0.067675	0.54834	0.902356	1
CG10958	1326.063	0.285558	0.10081	1	1
CG2116	128.4056	-0.53671	0.194822	1	1
cyr	22.39893	0.285624	0.3566	1	1
CG2260	123.3786	-0.38257	0.194813	1	1
CG1575	42.61653	0.101598	0.270214	1	1
Ldsdh1	176.8507	-0.50041	0.182931	1	1
CG1571	1203.779	0.342803	0.096614	1	1
CG10778	106.767	-0.39762	0.199964	1	1
Upf2	303.761	-0.23556	0.136727	1	1
mahe	711.3745	-0.11888	0.141393	1	1
Ykt6	320.2739	0.023458	0.136909	1	1
hdm	1.821782	-0.15783	0.568923	0.577883	1
CG15333	529.3415	0.574445	0.129948	1	1
snz	254.9165	0.653398	0.174304	1	1
CG15330	231.8267	-0.12317	0.149024	1	1
spidey	529.3192	0.048746	0.110202	1	1
CG15332	241.4607	-0.31425	0.158584	1	1
dpr14	3.862273	0.035255	0.450222	1	1
Ubr3	709.2192	0.046904	0.149895	1	1
p115	203.9314	-0.36784	0.172122	1	1
Nek2	5.50938	0.116567	0.425372	1	1
CG10932	63.71	-0.30078	0.276394	1	1
Ir7c	72.3373	0.220396	0.228597	1	1
Ir7b	4.399404	0.229794	0.531888	0.607233	1
CG1409	464.915	0.013374	0.122282	1	1
CG10920	1745.299	0.117496	0.088676	1	1
CARPA	0.364551	0.029819	0.611184	0.934194	1
Ir7a	5.010806	-0.04251	0.43008	1	1
Rab39	106.9813	0.085423	0.199082	1	1
Pdp	443.2837	-0.01685	0.113919	1	1
CG12155	74.31865	-0.17867	0.214868	1	1
NELF-B	65.7391	-0.24094	0.231393	1	1
Hira	182.0126	-0.15922	0.174375	1	1
CG12689	2047.645	0.312765	0.091396	1	1
CG11369	1792.286	0.117179	0.105887	1	1
CG9657	29.21741	0.845137	0.465287	0.374839	1

CG15035	1144.858	0.135129	0.103476	1	1
CheA7a	0.758627	0.108324	0.615653	0.553005	1
CG1999	4337.503	-0.26805	0.071263	1	1
CG15034	2069.435	0.140177	0.084485	1	1
Dok	52.09779	-0.29886	0.250209	1	1
Atg5	40.76933	-0.54097	0.327734	1	1
unc-119	359.6076	-0.23827	0.13608	1	1
CG2059	382.5259	-0.10657	0.133247	1	1
CG1958	1989.555	-0.04683	0.076346	1	1
CG8300	193.4305	-0.33484	0.165988	1	1
CG4617	24.21006	0.027877	0.315413	1	1
CG4615	32.79937	-0.03953	0.276696	1	1
CG12541	2.870301	-0.04461	0.486973	1	1
CG4593	141.2784	-0.08918	0.184836	1	1
CG3032	24.92029	-0.31263	0.331152	1	1
Inx6	89.02944	0.047427	0.201749	1	1
bou	54.60511	-0.38411	0.266329	1	1
CG3040	258.6805	0.027863	0.139992	1	1
CG4586	1.696233	-0.05798	0.511871	1	1
CG14431	30.42774	0.349461	0.339419	1	1
CG14434	59.26804	-0.31902	0.248268	1	1
CG4558	34.47062	-0.39984	0.316879	1	1
Cht11	47.41798	-0.17178	0.249775	1	1
CG4557	368.4704	-0.01686	0.140732	1	1
CG14435	168.4385	-0.34692	0.187311	1	1
mAChR-C	0.700205	-0.01428	0.568204	1	1
Atx-1	22.42354	0.122016	0.315234	1	1
xit	46.97595	0.111069	0.267187	1	1
Nf-YC	78.02629	-0.40112	0.221488	1	1
iav	3.328224	0.093747	0.504644	0.977989	1
shf	53.16573	-0.19571	0.247844	1	1
CG14439	140.718	0.094944	0.174198	1	1
CG14441	241.9534	0.18107	0.164602	1	1
CG14440	18.75723	-0.47375	0.412649	0.890448	1
CG14442	98.09506	-0.35981	0.210046	1	1
CG3184	34.34183	-0.28345	0.300763	1	1
ND-ASHI	561.2502	0.095366	0.112351	1	1
CG3198	143.8793	-0.2894	0.179014	1	1
CG4151	0.280869	-0.00449	0.605571	1	1
Ctr1A	255.8095	-0.5148	0.149978	1	1
CG3224	226.5647	-0.19279	0.165619	1	1
SPR	26.06989	-1.29882	0.525294	0.080533	1
CG3342	57.64627	-0.2544	0.25008	1	1
CG3918	225.3868	-0.38469	0.157969	1	1
CG15784	594.3936	0.666811	0.173576	1	1
CG3226	919.2527	0.010072	0.099755	1	1
pigs	250.1251	-0.20396	0.157674	1	1
CG42340	7.307399	-0.12532	0.405864	1	1
CG14443	54.27943	-0.67645	0.334754	0.948908	1
NAAT1	1383.48	-0.15097	0.132646	1	1

Pat1	96.45663	-0.1072	0.206011	1	1
CG3847	103.7397	-0.42012	0.211262	1	1
XRCC1	318.1306	0.293267	0.135772	1	1
CG3309	85.628	-0.11742	0.208572	1	1
Sas10	44.09233	-0.3967	0.288221	1	1
CG15894	0.737829	0.102324	0.609998	0.583617	1
CG15930	201.2115	-0.72129	0.21447	1	1
CG3823	6.354943	0.05506	0.406889	1	1
CG4198	2959.66	-0.10292	0.091165	1	1
CG12219	130.1222	-0.20451	0.177939	1	1
TrxT	5543.935	-0.03468	0.066154	1	1
CG3815	266.4885	0.133751	0.142402	1	1
CG17764	690.9613	-0.12234	0.10359	1	1
CG3323	2468.214	0.501485	0.095736	1	1
mldr	51.24397	-0.14766	0.250615	1	1
CG42749	11.65506	0.476133	0.488614	0.598975	1
Rpt4	500.2827	-0.3602	0.111764	1	1
wuho	84.80196	-0.45784	0.235347	1	1
CG5062	1182.429	0.453062	0.109683	1	1
CG11700	570.8066	-0.55353	0.126139	1	1
Rpn13R	646.7089	-0.01215	0.11811	1	1
CG3781	258.907	-0.1097	0.141806	1	1
Rbcn-3A	225.0066	0.136448	0.16926	1	1
CG12680	314.5042	0.476653	0.140935	1	1
dtn	63.74057	-0.23864	0.247927	1	1
CG15468	971.7401	0.052153	0.099102	1	1
Btnd	0.723457	0.099974	0.610071	0.590109	1
vanin-like	0.679567	0.09645	0.639984	0.523639	1
CG6903	794.962	0.261364	0.099695	1	1
CG4041	83.63665	-0.14695	0.212836	1	1
Ca-alpha1T	43.64864	0.326731	0.308768	1	1
CG32772	161.6192	-0.35165	0.167221	1	1
raptor	33.68363	-0.17066	0.296166	1	1
CG6927	5.938975	-0.44101	0.601269	0.340622	1
CG4660	0.645421	0.046347	0.580392	0.907876	1
CG4666	37.68689	0.529529	0.326282	1	1
boil	1541.665	0.641976	0.091741	1	1
CG12682	260.6099	0.059694	0.155005	1	1
CG5937	19.63659	0.448809	0.414786	0.906843	1
MCTS1	199.9832	-0.53451	0.171101	1	1
CG4766	1.298486	-0.01547	0.507384	1	1
CG6978	62.9637	0.474825	0.254819	1	1
CG15471	280.4077	0.428305	0.166999	1	1
CG5966	93.97745	-0.15143	0.200595	1	1
CG2871	1647.688	0.592695	0.097554	1	1
Grip	49.20047	0.437905	0.278983	1	1
Klf15	0.268107	-0.04679	0.619605	0.793673	1
fs(1)M3	17.51583	0.344601	0.401099	1	1
CG15472	652.5648	0.646	0.105942	1	1
CG6048	0.140435	-0.00449	0.605571	1	1

CG7024	2630.365	-0.146	0.074025	1	1
CG6041	6.598702	-0.16692	0.428894	1	1
CG12728	226.1996	-0.33453	0.177514	1	1
CG3726	71.46107	-0.02766	0.242904	1	1
CG15473	0.556817	0.051791	0.603646	0.808962	1
Shmt	183.6698	-0.35693	0.194544	1	1
Torsin	145.4643	-0.56353	0.186423	1	1
CG3062	373.4984	0.038612	0.133126	1	1
CG4020	22.70489	0.175767	0.32829	1	1
CG3081	7.611294	-0.23283	0.438679	1	1
CG16721	1064.903	0.002479	0.126886	1	1
Usp30	1516.008	-0.02837	0.104241	1	1
CG12184	755.7281	0.609121	0.113386	1	1
GAA1	459.0349	0.008123	0.115304	1	1
CG12684	1157.65	0.264818	0.097559	1	1
CG15764	1229.695	0.241789	0.104126	1	1
CG12729	791.4901	-0.34254	0.099651	1	1
CG11444	922.6305	-0.13736	0.100589	1	1
CG3527	68.6642	-0.3613	0.240232	1	1
CG11436	20.62164	-0.12118	0.347411	1	1
AgmNAT	3.229235	0.008699	0.456745	1	1
Prosbeta2R1	598.6092	0.081196	0.107703	1	1
CG15912	59.87344	-0.47472	0.300868	1	1
Cpr5C	1.874494	-0.10027	0.504014	0.959589	1
CG3568	309.1251	-0.43933	0.137928	1	1
CG12239	10.13618	-1.20353	0.949214	0.045032	1
CHOp24	415.0411	-0.31726	0.133004	1	1
CG15767	344.407	-0.22681	0.13972	1	1
CG3556	17.64989	0.000261	0.3181	1	1
CG42699	354.667	0.433366	0.150753	1	1
CG3108	0.280869	-0.00449	0.605571	1	1
CG3626	35.93078	-0.25033	0.300241	1	1
CG12693	1646.541	0.312103	0.084014	1	1
CG42264	0.268107	-0.04679	0.619605	0.793673	1
CG3097	182.627	0.140462	0.174703	1	1
CG12692	1576.811	0.620337	0.103565	1	1
CG15572	2215.299	-0.06116	0.101234	1	1
CG12691	346.646	0.093869	0.136092	1	1
lin-52	76.86809	-0.26549	0.237717	1	1
CG15576	1312.11	-0.04562	0.089605	1	1
CG15772	11.0167	-0.24836	0.40838	1	1
CG4078	49.91131	0.000421	0.251212	1	1
CG15571	1.159805	-0.02422	0.527225	1	1
tyf	296.8164	-0.21425	0.15918	1	1
CG15773	0.834339	0.092441	0.593371	0.659767	1
Tip60	113.9191	0.159273	0.196896	1	1
dgt4	104.768	-0.02246	0.18681	1	1
CG15375	155.3871	-0.13063	0.195753	1	1
CG4096	4.423873	-0.24286	0.502367	0.705656	1
CG6379	162.8906	-0.3406	0.166935	1	1

CG3149	240.8855	-0.19024	0.147477	1	1
PGAP1	100.0188	0.031655	0.209563	1	1
CG4119	173.4523	-0.4077	0.164832	1	1
OtopLa	31.3645	-0.4268	0.348644	1	1
I(1)G0045	77.71993	0.226311	0.224053	1	1
CG34435	366.7321	-0.13369	0.134233	1	1
Vsx1	3.481467	0.134274	0.520123	0.796198	1
CG12730	78.93743	-0.00028	0.218104	1	1
CG6428	63.21885	-0.49293	0.281846	1	1
Glos	14.05392	0.10693	0.350216	1	1
CG2938	42.43794	-0.20882	0.28555	1	1
CG15239	14.56963	-0.39292	0.461894	0.75199	1
VhaAC39-1	559.9491	-0.22079	0.106445	1	1
CG2901	300.5923	0.660099	0.150749	1	1
HIP	303.5944	-0.03497	0.133547	1	1
Ilp7	3.255165	0.106524	0.476478	1	1
Gas8	713.5318	0.584525	0.13264	1	1
CG10803	223.7768	0.176608	0.147299	1	1
CG10793	475.7543	0.978764	0.127927	0.840114	1
CG14270	610.8813	-0.16619	0.115265	1	1
CG10802	142.2214	-0.43284	0.209318	1	1
CG16781	1089.042	0.070839	0.091644	1	1
CG10801	446.3464	0.577109	0.127172	1	1
CG3939	776.1798	-0.21457	0.108725	1	1
CG16782	4782.759	-0.10256	0.078695	1	1
CG14269	994.2498	-0.23324	0.0974	1	1
CG3603	188.3002	-0.43566	0.160893	1	1
CG17959	10.75629	0.420962	0.473442	0.68671	1
CG14422	2.028432	0.391374	0.83871	0.135673	1
CG14421	0.723457	0.099974	0.610071	0.590109	1
CG14420	41.05941	0.276941	0.27524	1	1
CG3598	12.37844	0.425409	0.474958	0.678089	1
CG3592	58.13664	1.048948	0.333713	0.316895	1
CG14416	0.280869	-0.00449	0.605571	1	1
CG2712	58.65789	0.369256	0.251181	1	1
vilya	34.35707	-0.05488	0.286616	1	1
CG2701	425.4902	-0.19843	0.127614	1	1
CG2685	116.68	-0.45576	0.202103	1	1
CG2681	5.643794	0.140773	0.459349	1	1
CG2680	128.0676	-0.285	0.181557	1	1
eIF2Bbeta	215.1668	-0.3392	0.160544	1	1
Ugalt	44.53011	-0.17082	0.290262	1	1
CG2662	144.7938	-0.50585	0.189373	1	1
CG2650	1.301891	0.066943	0.543072	0.924559	1
CG2652	742.7645	-0.20529	0.11018	1	1
PI4KIIIalpha	237.3546	-0.15049	0.172148	1	1
brv3	410.5417	0.711102	0.138961	1	1
Seipin	20.53743	-0.0347	0.323205	1	1
eIF3g1	488.6575	-0.54151	0.12131	1	1
CG13760	81.20243	0.778441	0.253862	1	1

AANATL7	85.27483	0.16027	0.217673	1	1
Vha36-3	99.52959	0.290662	0.206216	1	1
Pdfr	21.49872	-0.5759	0.455558	0.631718	1
CG12496	0.573057	-0.0617	0.608753	0.74108	1
Ilp6	74.14315	-0.3939	0.245049	1	1
CG2854	1403.488	-0.11871	0.087276	1	1
CG14050	3.211033	0.000421	0.444284	1	1
CG2865	765.2451	0.435548	0.110565	1	1
CG2918	1042.41	-0.52803	0.092398	1	1
CG3071	57.71003	-0.162	0.258136	1	1
temp	80.59857	-0.07014	0.229099	1	1
CG3091	119.5549	-0.34016	0.192576	1	1
CG14053	524.1427	0.947504	0.132725	1	1
CG3457	0.525393	0.00254	0.587883	1	1
ND-B14,5A	237.2084	-0.0038	0.147636	1	1
CG3630	42.33925	-0.14093	0.254374	1	1
CG16903	347.9268	-0.25927	0.134803	1	1
CG4025	84.5815	-0.19277	0.209262	1	1
CG4045	54.15759	-0.42598	0.297715	1	1
Rtca	202.571	-0.2011	0.165064	1	1
CG4194	5.618192	-0.03444	0.432857	1	1
CG14054	55.38441	-0.01738	0.247955	1	1
CG4281	205.8693	-0.44399	0.15689	1	1
Sik2	27.75262	0.329168	0.353967	1	1
CG4313	16.34604	0.13904	0.33542	1	1
moody	193.5034	0.022838	0.169755	1	1
CG4325	26.05861	0.277865	0.31597	1	1
PIG-K	293.3949	0.009293	0.129058	1	1
CG3587	348.765	-0.28531	0.134721	1	1
CG14818	225.5298	0.088871	0.155703	1	1
CG14805	83.5133	-0.90431	0.253577	0.738019	1
CG14817	101.0768	-0.21469	0.208734	1	1
Ocrl	240.5899	-0.0296	0.144225	1	1
Vps26	340.5221	-0.15824	0.137084	1	1
Pgam5	137.3944	-0.24163	0.186108	1	1
Rbcn-3B	144.6155	0.153799	0.175529	1	1
CG14803	52.84615	0.062299	0.23536	1	1
mip130	65.54736	-0.41548	0.256637	1	1
MED18	203.5564	-0.07447	0.152021	1	1
CG32803	118.004	-0.01704	0.178791	1	1
CG14806	169.8658	0.152743	0.159856	1	1
CG14812	78.6446	-0.41505	0.248715	1	1
CG14811	121.0498	-0.76005	0.266879	1	1
CG14810	221.7048	-0.31009	0.171293	1	1
CG3795	686.7201	-0.04363	0.105476	1	1
CG14798	3.904811	-0.12129	0.47282	1	1
CG14797	1.0445	-0.05464	0.554339	0.94397	1
hfw	181.0276	-0.1879	0.164094	1	1
CG3740	65.60413	0.151644	0.246406	1	1
Mur2B	29.54724	0.257776	0.310135	1	1

inc	172.7205	-0.59646	0.186838	1	1
rush	489.0124	0.078857	0.111992	1	1
CG14780	4.231398	0.055973	0.425404	1	1
CG14778	5.771448	-0.12777	0.424293	1	1
CG14777	18.66923	-0.02412	0.319266	1	1
O-fut2	101.726	-0.5908	0.266713	1	1
Ns3	124.333	-0.41741	0.199642	1	1
CG14787	7.859524	0.133756	0.400329	1	1
Lrpprc2	108.637	-0.68287	0.23703	1	1
CG14785	1472.686	0.059253	0.089237	1	1
Rilpl	260.7411	-0.32263	0.17318	1	1
CG14770	0.254838	0.04167	0.61594	0.837012	1
CG11417	155.0381	-0.40143	0.178225	1	1
CG12773	151.7495	-0.17322	0.171007	1	1
CG11409	4.836211	-0.00736	0.423361	1	1
fs(1)N	446.7963	0.455646	0.15617	1	1
CG32812	310.4726	0.118854	0.133142	1	1
CG11403	32.4115	-0.26416	0.29554	1	1
CG11398	24.40951	-0.42908	0.359208	1	1
CG11382	1.100213	-0.01904	0.520198	1	1
CG11381	0.280869	-0.00449	0.605571	1	1
CG14625	10.60665	0.293553	0.450547	0.889078	1
CG14626	0.249444	-0.04453	0.618442	0.811316	1
CG14627	21.87251	-0.229	0.335426	1	1
CG11379	1028.38	-0.36575	0.096892	1	1
CG11384	0.814329	-0.04255	0.560862	0.988854	1
CG11378	155.4285	-0.4068	0.171978	1	1
CG14628	408.7464	0.068243	0.120197	1	1
CG3655	40.83782	0.036397	0.26234	1	1
CG14629	192.773	-0.74838	0.179925	1	1
CDC45L	91.50266	-0.69036	0.244503	1	1
CG11638	30.92808	-0.5508	0.367551	1	1
CG14631	230.0355	0.478879	0.18796	1	1
TfIIA-S-2	81.72661	0.276721	0.222202	1	1
CG3703	46.21333	0.098842	0.267711	1	1
mus81	20.03583	-0.29687	0.348616	1	1
CG3704	64.1533	-0.16114	0.223659	1	1
CG3708	837.2778	-0.06157	0.105439	1	1
MED22	211.5283	-0.35892	0.153628	1	1
Lztr1	147.4929	-0.09704	0.177481	1	1
CG11663	1214.982	-0.39181	0.10282	1	1
CG11664	7.072911	-0.0291	0.404637	1	1
CG14635	111.9116	-0.05195	0.195309	1	1
Sec22	270.045	-0.33152	0.146324	1	1
Hmt4-20	262.1378	-0.13759	0.170973	1	1
CG13358	2.470444	0.018295	0.483878	1	1
Roc1a	422.2598	-0.69048	0.149097	1	1
CG13359	848.7188	-0.03665	0.094084	1	1
CG13367	132.0374	-0.09661	0.172612	1	1
CG16989	226.9291	-0.24931	0.161288	1	1

CG13369	142.5342	-0.33941	0.185215	1	1
CG13360	114.384	0.156678	0.208868	1	1
CG13365	68.91548	0.046368	0.22943	1	1
tw	22.14296	0.033365	0.312211	1	1
CG13366	151.6659	-0.51533	0.194005	1	1
CG5254	38.1878	-0.45272	0.330005	1	1
CG17778	10.35963	0.030846	0.361734	1	1
CG3156	431.2683	0.125325	0.127527	1	1
CG18273	226.5745	-0.00237	0.145436	1	1
CG3176	28.93005	-0.15539	0.326574	1	1
CG13373	163.003	-0.10397	0.171468	1	1
CG12470	5990.649	-0.33551	0.079405	1	1
CG13375	30.59656	0.542177	0.352056	1	1
CG13377	3.347631	-0.09657	0.472732	1	1
G9a	195.3939	-0.08874	0.162134	1	1
Synj	279.0262	-0.02575	0.149953	1	1
arr	218.9649	0.184105	0.165964	1	1
Crtp	3310.833	0.446529	0.10428	1	1
SoxN	2.855883	0.156781	0.52931	0.713119	1
disp	177.0461	0.218604	0.161566	1	1
sut2	3.026949	0.074348	0.486778	1	1
sut3	914.7281	0.621618	0.113567	1	1
Inx3	535.7235	-0.49112	0.12599	1	1
Sara	212.8968	-0.01887	0.152074	1	1
sip1	347.4717	-0.0828	0.143229	1	1
bon	347.708	-0.18586	0.144452	1	1
Sr-CII	36.81104	0.374985	0.326446	1	1
ND-23	677.2143	-0.17075	0.109256	1	1
ScpX	503.1674	-0.62578	0.127677	1	1
hoip	164.7095	-0.65916	0.202615	1	1
RabX1	301.6403	0.102141	0.148432	1	1
CG10939	256.3795	0.404742	0.152676	1	1
mAcon1	602.8888	-0.59029	0.115039	1	1
bgm	91.05472	-0.25493	0.227347	1	1
wit	51.98827	-0.15363	0.248039	1	1
DCTN2-p50	402.8449	-0.44916	0.12636	1	1
Mcr	601.4237	0.027428	0.117961	1	1
Ag5r2	1.834089	0.367697	0.89214	0.115944	1
Ugt36A1	17.23793	-0.25212	0.359318	1	1
Ubc7	482.1	0.485044	0.125636	1	1
Shc	252.0305	0.163675	0.165349	1	1
sls	1044.543	0.47494	0.151877	1	1
Pgm1	371.8095	-0.89103	0.143891	1	1
Hex-C	114.1377	-0.78631	0.252241	1	1
Sras	100.9333	-0.15206	0.200099	1	1
trbl	141.0215	0.077962	0.174954	1	1
Sdic1	494.1275	0.223396	0.111217	1	1
Lip2	174.7438	0.116942	0.171572	1	1
Plap	1760.85	-0.17652	0.088396	1	1
spag	654.7065	-0.2759	0.118169	1	1

MED20	161.0115	-0.13949	0.168198	1	1
Cds	1126.701	0.55264	0.095316	1	1
prc	2.778576	-0.07786	0.472285	1	1
gom	1468.831	0.437104	0.088506	1	1
fan	3594.547	0.504558	0.091412	1	1
axo	38.86865	0.427931	0.309834	1	1
SF1	561.8676	0.039348	0.1109	1	1
toy	11.39466	0.200426	0.395151	1	1
amx	22.10028	0.042285	0.311675	1	1
apolpp	816.6404	-1.06346	0.13968	0.402207	1
nej	490.8003	-0.22722	0.148917	1	1
Arf102F	882.6108	-0.0801	0.126664	1	1
eIF4G1	688.4478	-0.3078	0.116538	1	1
mGluR	13.2316	0.024526	0.350287	1	1
mav	72.02896	-0.15564	0.229391	1	1
zfh2	3.019822	-0.08697	0.489115	1	1
ci	28.51269	0.062632	0.303031	1	1
PlexB	51.14803	0.322256	0.278495	1	1
mod	654.7649	-0.66472	0.132964	1	1
Loxl1	19.93465	-0.31867	0.361095	1	1
mRpL32	180.6714	-0.36067	0.181599	1	1
chp	9.623574	-0.08012	0.378211	1	1
bnk	1.236384	0.215854	0.706124	0.267003	1
Gycbeta100B	6.818723	0.092898	0.403189	1	1
CanA1	16.60995	-0.20651	0.34699	1	1
5-HT7	7.357599	-0.18159	0.439976	1	1
Cyp4c3	22.23211	0.227243	0.331041	1	1
PH4alphaMP	50.75661	-1.18756	0.379453	0.157385	1
mRpS18C	203.3193	0.110317	0.153506	1	1
CecC	3.046797	0.099308	0.496515	0.997366	1
CecA2	1.058213	-0.04675	0.547848	1	1
CecA1	17.7587	0.157324	0.351741	1	1
Anp	3.051055	0.018114	0.479097	1	1
Mlc2	964.9162	-0.39683	0.139042	1	1
sima	275.8664	-0.13058	0.137746	1	1
Sry-delta	209.0601	0.233949	0.15981	1	1
ocn	16218.17	-0.24213	0.074841	1	1
Nlp	1126.625	-0.27218	0.110862	1	1
TkR99D	11.8528	0.548483	0.503564	0.513066	1
Jon99Ci	1.636177	0.252396	0.785449	0.183278	1
Jon99Cii	4.499487	0.16519	0.772115	0.208886	1
Drice	69.45104	-0.02301	0.237632	1	1
dmrt99B	0.561739	-0.00491	0.598138	1	1
stg	14.58927	-0.09212	0.35339	1	1
Pglym78	264.9689	-0.69507	0.159367	1	1
Pkc98E	100.1066	0.422112	0.212776	1	1
AstA-R2	27.17538	-0.21393	0.302548	1	1
Dhc98D	971.0731	0.900218	0.142545	1	1
Mst98Cb	7592.448	-0.20538	0.08228	1	1
RpL4	3593.388	-0.41241	0.089815	1	1

mRpS22	557.6132	-0.28819	0.112105	1	1
Or98a	0.272696	0.042244	0.616213	0.832444	1
Ets98B	4.946148	0.371078	0.589078	0.381387	1
Ets97D	163.3989	0.105827	0.173025	1	1
Klp98A	396.8969	0.408771	0.141292	1	1
T48	134.476	0.330589	0.189212	1	1
side	9.823594	-0.27199	0.445359	0.938314	1
His2Av	838.3865	-0.05251	0.099994	1	1
Pdf	23.12982	-0.99166	0.533732	0.203612	1
tx	17.08833	0.016796	0.317964	1	1
RYa-R	8.262327	0.5248	0.554361	0.405261	1
E(spl)m8-HLH	0.169892	0.02982	0.611184	0.934191	1
E(spl)m4-BFM	0.498889	-0.07154	0.635914	0.618831	1
E(spl)m3-HLH	7.057459	-0.47975	0.577667	0.373449	1
E(spl)m2-BFM	2.824168	-0.22433	0.551492	0.548933	1
E(spl)malpha-BFM	1.078499	0.063538	0.547018	0.925874	1
E(spl)mbeta-HLH	7.857634	0.176057	0.430863	1	1
E(spl)mdelta-HLH	0.268107	-0.04679	0.619605	0.793673	1
Tsp96F	71.7856	-0.63627	0.270661	1	1
to	1.611106	4.21E-05	0.502749	1	1
fd96Ca	1.01224	-0.05164	0.546304	0.986611	1
Stt3B	1071.244	0.040054	0.091335	1	1
Hr96	248.4933	0.218082	0.145666	1	1
Esp	72.67797	-0.0053	0.21913	1	1
AstA	12.57949	-0.1652	0.378657	1	1
asp	506.4866	0.564255	0.137163	1	1
tld	2.96987	0.116617	0.495107	0.952754	1
Syx18	779.2996	0.026804	0.097872	1	1
Pp1alpha-96A	405.4463	-0.5059	0.128678	1	1
nAchRalpha1	57.79725	0.828523	0.307171	0.753442	1
crb	154.4217	0.019958	0.175756	1	1
Orct	29.19011	-0.08487	0.292508	1	1
mRpS24	46.36413	-0.26939	0.277572	1	1
Hsp68	2345.663	-0.03278	0.113853	1	1
Rab7	1207.241	-0.10786	0.093356	1	1
Rpt2	1715.047	-0.23249	0.080694	1	1
TfIIA-S	491.2163	-0.40139	0.127996	1	1
Pli	92.08094	-0.07096	0.196783	1	1
tst	129.8514	-0.24632	0.188772	1	1
Rpt5	1403.015	-0.06447	0.08086	1	1
eIF3d1	619.8928	-0.64381	0.117989	1	1
DNApol-epsilon255	96.34298	0.935267	0.273599	0.607856	1
Or94b	4.378254	-0.01791	0.440153	1	1
Or94a	0.759544	-0.00437	0.561638	1	1
klg	6.140539	-0.06406	0.406124	1	1
Dcr-1	247.3623	0.036421	0.153611	1	1
Dph5	272.4834	0.038606	0.145336	1	1
CSN6	515.7773	-0.15458	0.109359	1	1
Nrx-1	19.75808	0.306843	0.366795	1	1
Mitofilin	3239.608	0.08676	0.089376	1	1

glec	86.41916	-0.28796	0.24407	1	1
Rpl12	43.92845	-0.34314	0.288424	1	1
Gapdh2	1040.667	-0.49195	0.13229	1	1
fok	88.17869	0.399992	0.249945	1	1
InR	111.7472	-0.01124	0.201204	1	1
lbe	33.66226	0.677962	0.379477	0.772149	1
boss	40.23412	-0.40828	0.306866	1	1
lbl	2.969517	0.19217	0.519206	0.696565	1
tin	1.551235	0.059608	0.535456	0.986159	1
TotB	13.08789	-0.38499	0.43293	0.885569	1
CG3430	30.48411	-0.03041	0.287486	1	1
RpS20	2590.261	-0.39337	0.103889	1	1
slmb	1797.249	-0.18984	0.085881	1	1
Oct-TyrR	6.29933	0.023884	0.427079	1	1
rtet	43.68331	0.498673	0.315348	1	1
r-l	66.74464	-0.57173	0.265643	1	1
Sep2	310.7928	-0.42152	0.141523	1	1
Cortactin	669.348	0.229545	0.12603	1	1
EloB	1022.801	0.101743	0.0914	1	1
Dhc93AB	2.838421	1.221191	1.662257	0.016093	1
Or92a	0.272696	0.042244	0.616213	0.832444	1
MtnB	1.578013	0.14538	0.58777	0.546408	1
Rh3	1.164156	-0.04319	0.550075	1	1
Hs6st	34.48096	-0.45497	0.321194	1	1
Surf6	89.29749	-0.47738	0.23695	1	1
ninaE	3.222546	-0.08434	0.477243	1	1
ort	11.27069	-0.22171	0.40692	1	1
vib	549.991	-0.32052	0.112677	1	1
sqz	16.8271	-0.03055	0.32426	1	1
cdi	1792.635	0.675501	0.11598	1	1
P5cr	158.046	-0.32846	0.167849	1	1
dnk	110.9485	0.678308	0.229779	1	1
Rh2	6.582207	-0.00776	0.419381	1	1
Cbp20	478.6414	0.032149	0.131068	1	1
AttD	2.443514	0.086787	0.508439	0.985042	1
Edg91	1.066196	0.001728	0.527138	1	1
sll	205.0833	0.072425	0.153013	1	1
Prx3	562.7814	-0.2609	0.118423	1	1
Eh	0.849006	-0.00409	0.558166	1	1
beat-IIa	3.113536	0.035384	0.470195	1	1
mRpS11	157.3729	-0.24741	0.18163	1	1
Scp2	0.575483	0.012071	0.577543	1	1
mRpS33	295.8876	0.02315	0.130632	1	1
asun	96.41964	-0.06711	0.198386	1	1
sra	1293.594	-0.39886	0.093521	1	1
Fer2	2.085914	-0.06543	0.501278	1	1
mor	273.9307	-0.48392	0.146694	1	1
Rbf2	22.33544	-0.03807	0.31107	1	1
blp	447.1737	0.100648	0.119981	1	1
Rh6	3.225534	0.116696	0.473053	1	1

Act88F	2.620735	0.106339	0.507875	0.923382	1
IdlCp	415.4747	0.058043	0.11719	1	1
SerRS-m	120.0045	-1.01879	0.235007	0.475605	1
Fkbp39	841.5756	-0.76046	0.11757	1	1
mRpL9	147.5915	-0.5724	0.190136	1	1
ea	12.67888	-0.00295	0.351576	1	1
ATPsynO	993.3483	-0.55092	0.129309	1	1
Su(var)3-9	99.65798	0.865393	0.249595	0.859543	1
Caf1-55	363.378	-0.25055	0.135615	1	1
mRpL11	111.9587	-0.27915	0.195653	1	1
Crz	1.954655	-0.11086	0.519854	0.857936	1
Or88a	0.724776	-0.01704	0.54933	1	1
Mst87F	15310.9	-0.40559	0.089611	1	1
Adgf-D	27.5398	-0.22665	0.307794	1	1
yellow-e	1.114491	-0.17662	0.644082	0.382382	1
poly	1558.738	0.129937	0.086592	1	1
Su(var)3-7	198.7236	-0.29324	0.181554	1	1
timeout	223.5559	0.444388	0.155929	1	1
Hsc70-2	7983.237	0.095657	0.092233	1	1
snk	9.23607	0.171521	0.404695	1	1
ry	30.71449	-0.12544	0.290858	1	1
yellow-f	30.05148	0.141583	0.290313	1	1
Paip2	3860.624	0.076886	0.071933	1	1
mus308	182.8275	-0.25935	0.170563	1	1
l-t	1410.26	0.885155	0.117788	1	1
Fer3	1.648934	-0.03651	0.509964	1	1
Arp1	526.2901	-0.3086	0.118798	1	1
Ho	933.1673	0.417639	0.109895	1	1
mbo	794.1237	-0.4196	0.104656	1	1
Hug	1.198986	0.146764	0.606774	0.496604	1
Prosalpha2	1873.453	-0.06524	0.088662	1	1
mRpL40	234.9665	-0.1863	0.169576	1	1
Scgbeta	49.94044	0.042161	0.243778	1	1
GstD1	4682.388	-0.45989	0.100985	1	1
Ugt35B1	59.06065	-0.28845	0.47654	0.773068	1
Ugt35A1	13.24449	-0.05468	0.366925	1	1
Sodh-2	21.60563	-0.03091	0.316595	1	1
Fdh	974.5023	-0.15831	0.113827	1	1
Tsp86D	106.574	-0.34695	0.207135	1	1
Mcm5	84.64493	-0.41797	0.229238	1	1
mRpL37	135.9049	-0.4761	0.189262	1	1
TfIIFbeta	368.1242	-0.84025	0.14396	1	1
Irp-1B	208.2034	-0.34934	0.156764	1	1
TkR86C	56.62983	-0.13309	0.247648	1	1
jumu	98.26238	-0.49545	0.23722	1	1
nerfin-2	2.113112	-0.46522	0.980828	0.0853	1
MtnA	11579.34	-1.14166	0.104544	0.102678	1
Snap24	108.0868	0.505561	0.212679	1	1
alphaTub85E	548.3942	0.067115	0.125896	1	1
hyd	1269.607	0.112877	0.105279	1	1

dmt	215.1435	0.071199	0.153806	1	1
Fst	1.671952	-0.08063	0.552209	0.834366	1
Calr	3025.802	-0.42773	0.087722	1	1
RhoL	175.6107	-0.04922	0.172063	1	1
alpha-Man-IIa	386.6025	-0.06807	0.120904	1	1
betaTub85D	22977.4	0.608745	0.08484	1	1
Or85f	2.621196	0.83631	1.380078	0.030458	1
mRpL19	320.0076	-0.61808	0.134294	1	1
pch2	295.5922	-0.44336	0.163476	1	1
Or85c	1.850153	-0.18159	0.574293	0.52888	1
Or85b	1.173745	-0.07769	0.550727	0.851288	1
Or85a	0.676619	0.061163	0.596323	0.779837	1
mRpL1	179.1158	-0.62649	0.178567	1	1
puc	131.9312	-0.11375	0.178206	1	1
RpA-70	722.145	0.386702	0.104142	1	1
Prat	51.8788	0.160638	0.257569	1	1
mRpS9	234.363	-0.36158	0.154222	1	1
alpha-Est1	152.3458	-0.19189	0.178568	1	1
alpha-Est2	14.28426	-0.58623	0.508153	0.479803	1
alpha-Est3	0.09733	-0.00449	0.605571	1	1
alpha-Est4	19.19772	0.044528	0.322458	1	1
alpha-Est5	182.9549	0.060137	0.181734	1	1
alphaTub84D	4328.108	0.077532	0.082989	1	1
Rtnl2	1341.652	1.174788	0.115012	0.069094	1
alpha-Est6	626.6707	1.185076	0.112304	0.052731	1
alpha-Est7	65.48455	-0.74208	0.334161	0.831447	1
Ubc84D	1570.04	0.064538	0.102889	1	1
alpha-Est8	148.0167	-0.05771	0.18215	1	1
Rok	197.1406	-0.15812	0.170023	1	1
rib	364.2735	0.385949	0.142179	1	1
rhi	24.75572	-0.38895	0.342452	1	1
alpha-Est10	244.9107	1.021002	0.178781	0.541447	1
or	237.5628	-0.08566	0.151235	1	1
Mst84Da	90.09419	-0.1766	0.214947	1	1
robo2	7.945738	0.023227	0.396353	1	1
Mst84Db	10334.29	-0.35157	0.106725	1	1
l(2)37Bb	576.775	-0.39006	0.11227	1	1
Mst84Dc	8479.401	-0.32025	0.081734	1	1
Mst84Dd	7671.469	-0.22119	0.092522	1	1
lap	478.342	-0.10135	0.112396	1	1
cype	480.9973	-0.31739	0.115039	1	1
cv	41.50797	-0.26542	0.273529	1	1
Scr	0.530314	-0.05353	0.607441	0.788271	1
clt	120.0714	-0.34983	0.196454	1	1
bel	4800.544	-0.156	0.101973	1	1
TfIIAlpha	877.7511	0.27654	0.098313	1	1
NPFR	44.51738	0.547815	0.313192	1	1
TotF	0.535707	0.050649	0.604152	0.814113	1
TotX	1.30935	-0.25059	0.726079	0.232883	1
Or83c	16.53718	0.586427	0.488264	0.529615	1

TotC	10.56314	-0.14508	0.731802	0.270007	1
Obp83b	3.692815	-0.2681	0.573404	0.457532	1
Spn	211.4944	-0.09121	0.159791	1	1
modSP	119.1282	-0.12928	0.184822	1	1
Irbp	94.5766	-0.23665	0.230223	1	1
ksr	294.7978	-0.35385	0.149263	1	1
Ms	0.75912	0.036144	0.574814	0.986526	1
Orco	11.53555	-0.05409	0.361122	1	1
Zip89B	7.858041	-0.00173	0.399617	1	1
Pcmt	640.1649	0.087538	0.109935	1	1
corto	89.56167	-0.13784	0.216058	1	1
hkb	5.775298	0.551936	0.697041	0.203471	1
mtSSB	37.12861	0.406275	0.301789	1	1
Ubc6	677.0343	0.022542	0.121495	1	1
abs	500.1643	-0.15895	0.115728	1	1
alpha-Cat	782.2693	-0.09547	0.098421	1	1
Gnf1	807.9844	0.109659	0.103411	1	1
nrm	291.8173	0.153949	0.138578	1	1
opa	2.865707	-0.04849	0.486112	1	1
NPF	12.13996	0.058412	0.350465	1	1
Nep2	246.5854	-0.40214	0.18184	1	1
Trxr-2	833.1086	-0.06652	0.107883	1	1
nonA-I	810.2278	-0.47993	0.138455	1	1
Su(fu)	246.8795	-0.82883	0.15821	1	1
Karybeta3	4187.669	0.190492	0.100326	1	1
Ten-m	178.8915	-0.00666	0.1762	1	1
rpk	136.074	-0.10228	0.182919	1	1
Hem	198.3886	-0.24546	0.150592	1	1
Dlip2	65.70196	-0.07578	0.237107	1	1
Ddx1	544.7931	-0.35282	0.121117	1	1
DNApol-alpha180	61.80847	-0.35736	0.240493	1	1
RpLP0	3985.958	-0.50304	0.086948	1	1
Cdk8	36.02984	-0.32742	0.304772	1	1
Act79B	29.34527	1.062171	0.508971	0.181922	1
Acf	379.3886	0.493986	0.146977	1	1
Chs2	40.17742	0.130453	0.273004	1	1
128up	835.5701	0.059887	0.096003	1	1
Glut3	1049.751	-0.35884	0.102861	1	1
CycH	197.5546	-0.33224	0.16657	1	1
Cat	2895.443	-0.16926	0.085009	1	1
Rpn10	2268.854	0.003825	0.076158	1	1
croc	35.87803	-0.45857	0.337459	1	1
Pc	42.35657	-0.19307	0.272103	1	1
Edg78E	9.548494	-0.16477	0.41254	1	1
ppl	1519.765	0.4133	0.092455	1	1
Ac78C	38.52846	0.907184	0.380106	0.447083	1
ko	24.49248	-0.12628	0.304542	1	1
Sin	227.0658	-0.13278	0.151206	1	1
fng	44.45475	-0.0205	0.257052	1	1
CSN3	487.7707	-0.47756	0.120924	1	1

Mst77F	20871.21	0.181705	0.077282	1	1
kni	10.5171	0.41487	0.51516	0.549702	1
mRpL15	410.0693	0.083704	0.128755	1	1
Las	846.0506	-0.12792	0.09925	1	1
Ide	745.5432	0.03512	0.096571	1	1
alphaSnap	458.9587	-0.07625	0.111859	1	1
polo	1956.893	0.676421	0.086601	1	1
Clc	840.3098	-0.19626	0.097598	1	1
gig	280.7534	-0.21131	0.135309	1	1
sNPF-R	15.15516	0.031764	0.342682	1	1
fIn	0.084946	0.016718	0.607437	1	1
Ac76E	65.62328	0.651211	0.279798	1	1
Rab8	929.3774	0.032625	0.09369	1	1
trc	314.0343	-0.0673	0.128793	1	1
Deaf1	202.9081	-0.3236	0.162296	1	1
cyc	162.93	-0.40788	0.178595	1	1
Kap-alpha1	1502.956	0.669906	0.098249	1	1
asf1	109.3567	-0.22749	0.202499	1	1
lush	1.591637	-0.03995	0.512143	1	1
Taf6	264.7784	-0.37003	0.143276	1	1
ash1	605.9076	0.504791	0.125242	1	1
Shal	36.76136	0.050918	0.263951	1	1
rept	1702.906	0.449762	0.084578	1	1
MESR6	159.5632	-0.68658	0.205311	1	1
CSN1b	478.046	-0.14365	0.125475	1	1
Uggt	688.0524	0.007969	0.112651	1	1
RpS14b	455.2387	-0.01596	0.142439	1	1
Amy-p	1304.644	0.769788	0.095191	1	1
GNBP1	24.46975	0.181931	0.309394	1	1
not	237.4556	-0.15394	0.149719	1	1
rpr	20.05063	0.216956	0.334374	1	1
grim	0.377134	-0.02717	0.609019	0.95987	1
hid	124.1727	-0.01654	0.198984	1	1
mus304	200.4557	0.509786	0.158421	1	1
mRpS26	242.4678	-0.48481	0.151739	1	1
Or74a	4.867025	0.593615	0.959202	0.084256	1
TpnC73F	190.8583	-0.30574	0.20762	1	1
Grd	2.166353	-0.16334	0.533063	0.687402	1
a10	3.030291	0.152164	0.491966	0.882738	1
TSG101	3394.119	0.206019	0.077222	1	1
Krn	214.7516	0.098452	0.15227	1	1
Dab	48.85568	0.228913	0.271604	1	1
Galphaf	24.30454	-0.00154	0.306002	1	1
Mo25	571.1352	-0.06958	0.104247	1	1
Su(P)	262.6354	-0.59847	0.154927	1	1
Prosbeta6	1758.181	-0.10435	0.086471	1	1
tra	46.00935	0.337183	0.282922	1	1
Syx8	164.4422	-0.10018	0.176508	1	1
Smn	542.9086	0.813365	0.121322	1	1
st	2.410442	0.044635	0.60983	0.834659	1

aos	13.93076	0.24088	0.386236	1	1
NitFhit	222.4455	-0.49982	0.176828	1	1
Nop60B	325.4667	-0.34861	0.131308	1	1
SsRbeta	943.5449	0.129623	0.089116	1	1
mRpS34	174.6922	0.108196	0.170515	1	1
mRpS17	416.8887	-0.01399	0.116987	1	1
Mgat1	67.37657	-0.56811	0.287173	1	1
NaPi-T	4.31841	0.255657	0.556879	0.508661	1
mRpS31	241.0489	-0.44264	0.15247	1	1
DNApol-delta	150.7734	-0.01523	0.162164	1	1
GstD7	5.210699	-0.15752	0.443353	1	1
Arl1	237.3803	-0.31368	0.148686	1	1
epsilonTry	0.370026	0.042244	0.616213	0.832447	1
CklIalpha-i1	109.0393	-0.26635	0.208513	1	1
RnrS	122.3209	-0.03347	0.180616	1	1
comm	21.87769	0.102413	0.31374	1	1
Eig71Eg	4.105662	0.015317	0.453961	1	1
Eig71Ef	12.68112	0.088299	0.35896	1	1
Gapdh1	691.1075	-0.69967	0.120783	1	1
Zip42C,1	5.034582	0.171115	0.441012	1	1
Eig71Ed	0.364551	0.029819	0.611184	0.934194	1
Dpit47	420.3191	-0.00437	0.119681	1	1
Eig71Ec	1.188759	0.018711	0.547359	1	1
Eig71Eb	11.9508	-0.17839	0.369227	1	1
Eig71Ea	0.562721	-0.03453	0.578708	0.986078	1
Gr33a	13.44022	-0.05812	0.351276	1	1
mex1	204.6468	0.289116	0.155502	1	1
Samuel	267.4738	0.410718	0.147355	1	1
betaggt-I	86.87185	0.050461	0.218802	1	1
Z600	14.32185	-0.08807	0.352447	1	1
Ran-like	1839.068	0.481366	0.106014	1	1
flil	135.7692	-0.39171	0.192791	1	1
Toll-6	1.218478	-0.02668	0.53846	1	1
Tak1	95.1965	-0.18505	0.212967	1	1
upd1	201.2197	0.101267	0.175419	1	1
Pdi	2595.863	-0.13393	0.085094	1	1
Hesr	12.23117	-0.31151	0.404943	1	1
Or71a	0.331008	0.016717	0.607437	1	1
Prosalpha4	733.858	-0.95264	0.118102	1	1
Prosbeta2	818.7062	-0.55244	0.115685	1	1
mRpL39	237.0431	-0.45226	0.145022	1	1
Tom	0.450761	0.032667	0.60474	0.929651	1
stwl	264.6711	0.025053	0.141858	1	1
D	94.77799	0.384007	0.234378	1	1
Hexo2	178.2123	-0.73843	0.19731	1	1
nAChRalpha3	8.161447	-0.09622	0.40921	1	1
Meics	78.3196	-0.24741	0.226434	1	1
DCTN1-p150	518.7179	0.524145	0.121618	1	1
Hml	318.3799	0.469461	0.155332	1	1
Pp2C1	1414.984	-0.0558	0.120345	1	1

mRpL30	268.1644	-0.15871	0.164709	1	1
pon	42.89483	-0.21573	0.262175	1	1
rb	294.1693	0.077903	0.13068	1	1
trn	51.92751	-0.1096	0.265237	1	1
bi	19.69521	0.018371	0.319167	1	1
Syx13	179.068	-0.46338	0.199787	1	1
mei-9	53.55812	-0.85387	0.353351	0.579149	1
Femcoat	2.890717	0.235929	0.557243	0.52217	1
mRpL20	75.69704	-0.35808	0.233431	1	1
Klc	498.1505	-0.02497	0.111026	1	1
lva	520.5921	0.308859	0.151764	1	1
Myc	53.57872	-0.14005	0.262661	1	1
caup	37.27778	0.155263	0.286925	1	1
ara	1.796633	0.173687	0.595613	0.484568	1
Tsf2	337.5342	-0.50232	0.138691	1	1
eIF2beta	1870.803	-0.43565	0.088688	1	1
rst	9.167878	0.01895	0.389296	1	1
eyg	1.749801	0.081492	0.498228	1	1
Syx4	264.0658	-0.08682	0.139105	1	1
toe	11.33744	0.107714	0.559299	0.718104	1
per	41.39818	0.658155	0.340272	0.957489	1
ArfGAP1	405.8134	0.125039	0.120901	1	1
HLH3B	0.961656	-0.18038	0.678444	0.324113	1
Obp69a	22.51282	0.454618	0.412042	0.913377	1
Tsp3A	18.91853	-0.08611	0.32933	1	1
Klp3A	2400.204	0.104229	0.104806	1	1
z	226.5554	-0.32432	0.163645	1	1
Rh7	12.12745	0.063538	0.369039	1	1
tko	113.1205	-0.37872	0.19529	1	1
yps	2885.958	-0.08944	0.092103	1	1
Ufd1-like	1639.385	-0.28867	0.101738	1	1
gt	2.160935	-0.02957	0.467	1	1
mRpL14	89.66104	-1.0335	0.268048	0.404581	1
viaf	355.2704	0.106336	0.122101	1	1
mRpL2	167.8265	-0.39293	0.174285	1	1
Raf	105.2323	-0.23741	0.194825	1	1
Tsp2A	18.79413	-0.02616	0.325637	1	1
byn	6.58854	-0.50194	0.623318	0.292866	1
E(z)	176.007	0.023956	0.160691	1	1
Or2a	3.234869	0.154541	0.487618	0.898739	1
Rbf	418.1056	0.062957	0.127608	1	1
CycA	887.4971	0.316251	0.102267	1	1
hay	199.7748	-0.72105	0.183891	1	1
pcx	206.6178	0.236338	0.195214	1	1
fz3	62.16862	0.013962	0.233802	1	1
Klp68D	56.23518	-0.12118	0.237747	1	1
Gem3	962.2032	0.249395	0.105809	1	1
Cyp4ae1	2.23317	-0.03221	0.477541	1	1
Or67c	0.999738	-0.01942	0.55523	1	1
elav	15.53069	-0.34307	0.386128	1	1

Dronc	169.33	-0.02921	0.179818	1	1
TfllEalpha	410.4783	-0.21325	0.125395	1	1
CalpB	136.1269	0.364635	0.189911	1	1
mRpL16	292.8425	0.023804	0.130762	1	1
Cyp4g1	397.0418	-0.27487	0.680652	0.271738	1
rt	11.62819	0.008541	0.357101	1	1
Pgcl	0.903034	0.152172	0.666963	0.368437	1
I-2	1368.336	0.104807	0.09375	1	1
Scgdelta	6.980594	0.137799	0.45449	1	1
Or1a	1.217425	0.029274	0.522348	1	1
Ilp2	0.567937	0.052701	0.602512	0.80703	1
ATPsynB	2922.164	-0.14037	0.088218	1	1
Ubc4	2217.529	0.177822	0.079558	1	1
alphaTub67C	1.914648	-0.07663	0.496967	1	1
Or67b	16.27019	-0.43907	0.436627	0.819523	1
LanB2	201.0301	-0.26419	0.179187	1	1
Adgf-A2	4025.9	-0.19365	0.074147	1	1
Or67a	7.452668	-0.09908	0.404272	1	1
Uch-L5	3273.138	0.504767	0.083257	1	1
RpS17	1969.356	-0.45512	0.117816	1	1
aay	559.1881	0.67539	0.114153	1	1
Hsp27	2303.44	0.061464	0.082695	1	1
nol	1.946897	-0.04691	0.498536	1	1
Hsp23	1295.624	-0.04461	0.095995	1	1
Hsp67Ba	22.14885	-0.07008	0.315981	1	1
Hsp26	3564.313	-0.09542	0.087723	1	1
Dhap-at	154.2948	0.113511	0.184464	1	1
Hsp67Bc	105.5807	0.037183	0.427998	1	1
Fdx1	163.4072	0.202242	0.185832	1	1
Ugt37B1	1.375453	-0.28552	0.812296	0.160617	1
Klp67A	769.1212	0.576066	0.111218	1	1
Ugt37C1	5.879161	-0.07796	0.407102	1	1
Dlip1	169.5806	-0.15606	0.176315	1	1
Dlip3	47.83431	-0.23574	0.265175	1	1
Ilk	222.3124	-0.55383	0.165027	1	1
Mcm7	26.73144	0.011878	0.288633	1	1
dally	100.9867	-0.03639	0.200079	1	1
pins	163.4443	-0.49717	0.181401	1	1
Kat60	294.4435	0.030752	0.134204	1	1
bor	3267.754	0.132854	0.097698	1	1
retinin	1.382986	0.004485	0.514328	1	1
Cp15	72.13898	1.193656	0.325375	0.162449	1
Cp18	29.11713	-0.219	0.33097	1	1
h	119.173	0.453044	0.196852	1	1
cic	271.8252	-0.49854	0.17693	1	1
Arr2	0.548644	0.086306	0.627052	0.587748	1
wun2	66.26327	1.113848	0.32445	0.242629	1
RpL14	2142.868	-0.48118	0.120373	1	1
foi	745.2069	-0.12725	0.101112	1	1
dbo	570.6035	0.629984	0.143774	1	1

krz	392.2062	0.059907	0.119107	1	1
DNApol-alpha50	11.40433	-0.03249	0.356715	1	1
Sulf1	269.7562	-0.24806	0.170764	1	1
Gr66a	2.248255	0.216595	0.607842	0.415059	1
Vhl	18.72972	-0.39264	0.394204	1	1
Rab19	522.4556	0.548807	0.121242	1	1
Nmt	612.3803	-0.75448	0.130856	1	1
wds	151.7545	-0.18163	0.175486	1	1
Arp3	418.5838	-0.54807	0.137662	1	1
Peritrophin-15a	0.476132	0.07391	0.624743	0.640115	1
RNaseX25	284.5322	-0.30291	0.142143	1	1
mRpL33	36.75879	-0.16908	0.276562	1	1
geko	865.2743	0.771504	0.113552	1	1
Cyp4d8	219.6969	-0.57603	0.172897	1	1
qm	196.7754	-0.3281	0.162234	1	1
mei-P22	20.92964	-0.1045	0.314827	1	1
Neos	646.5364	-0.04167	0.104085	1	1
melt	42.65106	0.116736	0.277214	1	1
msl-3	293.46	-0.30714	0.13894	1	1
EbpIII	2027.942	-1.10308	0.145665	0.271798	1
bin	16.91505	-0.18367	0.361281	1	1
ndl	14.90883	0.059186	0.331233	1	1
Cht4	2.278263	0.200346	0.597359	0.451412	1
sfl	140.8042	-0.56632	0.195624	1	1
yip7	4.805727	0.168971	0.779172	0.200152	1
vn	26.00668	0.206711	0.326155	1	1
S6k	139.7875	-0.16794	0.184248	1	1
Tektin-C	2272.136	0.309645	0.104403	1	1
Cralbp	0.339783	0.051812	0.621542	0.757899	1
Txl	958.7666	-0.2326	0.102457	1	1
Spn55B	75.47149	-0.46375	0.250313	1	1
Sse	29.7106	-0.03015	0.281128	1	1
Klp64D	131.7644	0.114848	0.18451	1	1
TfIIbeta	422.8698	-0.10846	0.120282	1	1
CIAPIN1	633.165	0.072984	0.107391	1	1
AlaRS-m	118.5223	-0.24794	0.184808	1	1
PpD6	450.473	0.186183	0.119393	1	1
Pp1-87B	1017.426	-0.32741	0.098645	1	1
Srp54k	1377.035	0.027224	0.081238	1	1
Con	15.05425	0.701146	0.539843	0.353958	1
Src64B	121.8679	-0.4331	0.209049	1	1
mas	3.238737	-0.1639	0.490186	0.868121	1
I(3)73Ah	362.1693	0.420322	0.124887	1	1
Tie	183.9412	0.218963	0.201871	1	1
Akh	1.566693	0.038517	0.512478	1	1
Ras64B	247.851	-0.11735	0.169083	1	1
I(3)87Df	139.9807	-0.16734	0.173558	1	1
Syx17	445.2658	0.096155	0.116701	1	1
Rop	658.925	-0.10913	0.107583	1	1
Catsup	628.4814	0.541556	0.108709	1	1

mRpS6	168.1969	0.081544	0.163154	1	1
RfC4	125.1484	-0.33736	0.186765	1	1
wek	113.0456	-0.04475	0.183793	1	1
mRpL4	139.5764	-0.39411	0.19008	1	1
Mtr4	392.1994	-0.24385	0.131394	1	1
FoxL1	8.886325	-0.01979	0.376674	1	1
Hsp70Bb	56.57724	-0.09082	0.43258	1	1
scrt	11.02251	-0.04901	0.382421	1	1
Hsp60B	11057.66	0.116996	0.087756	1	1
Pp1-13C	2043.448	-0.34953	0.077886	1	1
Scsalpha1	501.5409	-0.31063	0.117556	1	1
Grip91	167.946	-0.10431	0.16846	1	1
Drs	22.88219	0.774628	0.617698	0.226669	1
GstD8	1.573254	0.096053	0.550296	0.785484	1
GstD6	6.86162	0.834988	0.944518	0.072559	1
Hsp83	19307.09	0.27652	0.088175	1	1
rasp	47.35554	-0.27015	0.271151	1	1
GstD4	0.268107	-0.04679	0.619605	0.793673	1
GstD2	24.97071	-0.52127	0.411611	0.844107	1
Or63a	0.75387	0.043863	0.584129	0.911843	1
RplI18	1086.142	-0.3863	0.101869	1	1
mRpS35	163.8477	-0.38515	0.207908	1	1
ImpE3	27.41519	0.099521	0.286101	1	1
mus101	132.602	0.401341	0.194112	1	1
scat	147.0412	-0.3992	0.179969	1	1
mRpL23	116.3397	-0.14889	0.206504	1	1
betaTry	4.226791	0.161667	0.76562	0.21742	1
yellow-g	2.593848	0.178361	0.550967	0.602253	1
Eip63F-1	48.2014	-0.31345	0.26149	1	1
RpL23A	2986.804	-0.43407	0.099799	1	1
Zw10	119.5085	-0.48951	0.200466	1	1
GC	9.352887	0.566309	0.583068	0.338002	1
vir	118.3293	-0.16382	0.189789	1	1
rho	12.40561	0.068229	0.348556	1	1
Mst98Ca	16767.76	0.001349	0.071508	1	1
LysB	1.56213	0.041172	0.520295	1	1
LysX	7.604692	-0.48595	0.594881	0.340617	1
Fkbp59	1700.841	-0.00723	0.095903	1	1
bab2	32.70053	-0.02003	0.275428	1	1
betaggt-II	198.4434	-0.05259	0.151254	1	1
Lk	1.082436	-0.09203	0.556488	0.777377	1
Gr61a	77.55872	-0.84006	0.306942	0.729866	1
aPKC	198.417	-0.25392	0.154692	1	1
emc	90.11821	0.031863	0.217908	1	1
Tor	169.2231	0.010457	0.169078	1	1
Cypl	142.3582	-0.22955	0.186683	1	1
klar	344.3274	0.364681	0.150416	1	1
trh	3.761624	0.031535	0.437602	1	1
Gtp-bp	495.5949	-0.28783	0.124048	1	1
woc	287.4587	-0.213	0.134194	1	1

mRpL17	164.2107	-0.34466	0.172256	1	1
Lsp1gamma	2.634303	-0.07613	0.49444	1	1
term	0.275948	0.042618	0.616394	0.829472	1
Kr	19.85581	0.000656	0.317781	1	1
mus205	137.7613	-0.44753	0.196123	1	1
EbpII	0.656739	-0.02015	0.57064	1	1
dup	149.0211	-0.28974	0.17906	1	1
gsb	3.100009	0.364116	0.711752	0.218117	1
ebo	193.3314	-0.03598	0.163628	1	1
gsb-n	15.27505	0.00569	0.354064	1	1
comt	613.4816	0.204548	0.110691	1	1
uzip	244.8498	0.127654	0.159023	1	1
arg	7.86048	-0.27347	0.489548	0.73035	1
CanB2	361.6102	-0.02446	0.125862	1	1
l(2)dtl	46.82727	-0.19438	0.256198	1	1
key	494.8921	0.096717	0.110224	1	1
CG3594	61.49247	-0.68354	0.317232	1	1
Lcp9	0.084946	0.016718	0.607437	1	1
Bka	144.3822	-0.02671	0.200006	1	1
Nurf-38	1032.563	-0.60333	0.100357	1	1
east	244.2168	-0.02939	0.175396	1	1
scw	0.723457	0.099974	0.610071	0.590109	1
Ssl	638.2399	0.666303	0.113534	1	1
CG42383	1922.873	-0.31254	0.114835	1	1
SerT	11.01258	-0.38053	0.457453	0.780136	1
S6KL	133.6961	0.598297	0.196951	1	1
Rpn8	1789.292	-0.24622	0.086823	1	1
gwl	231.8859	0.532081	0.164038	1	1
slbo	0.734776	0.024372	0.560351	1	1
aly	424.6157	-0.19918	0.118314	1	1
betaTub60D	1388.14	-0.35304	0.111295	1	1
nvx	154.2912	-0.17584	0.205256	1	1
enok	143.3629	0.176274	0.218828	1	1
gek	166.3688	-0.37532	0.178288	1	1
nec	732.545	-0.56718	0.148065	1	1
Adk2	1.479766	0.099502	0.525266	0.870048	1
Taldo	578.2688	-0.81447	0.123992	1	1
lds	618.817	0.405395	0.10664	1	1
PHDP	2.270978	0.055401	0.515444	1	1
ken	260.4614	0.495239	0.170841	1	1
vg	3.336876	0.091014	0.470697	1	1
bgcn	642.6225	0.281104	0.115467	1	1
Or59b	2.981928	0.040387	0.472149	1	1
beta'COP	479.0439	-0.51416	0.124746	1	1
Snap29	738.7894	-0.15733	0.104877	1	1
Or59a	0.364551	0.029819	0.611184	0.934194	1
Or49b	1.523684	0.213887	0.658471	0.329625	1
e(y)2	77.17296	-0.2677	0.234514	1	1
Gbeta76C	4.08724	0.211322	0.505734	0.726341	1
Ssrp	860.2615	-0.51551	0.107325	1	1

yellow-d	32.39945	-0.21796	0.288187	1	1
Dsk	3.10835	0.193394	0.539189	0.621594	1
Alg3	168.6731	-0.32689	0.171189	1	1
Abl	291.0667	-0.16949	0.155922	1	1
mRpL43	263.7887	0.002882	0.135523	1	1
Gr59b	5.203274	-0.15925	0.455576	1	1
l(2)efl	250.9115	0.44425	0.181202	1	1
Fib	598.8582	-0.48905	0.116083	1	1
Amph	471.6901	-0.03745	0.111106	1	1
onecut	8.463303	-0.15871	0.427315	1	1
twi	267.7098	-0.15599	0.159155	1	1
GlnRS	348.8674	-0.67815	0.12977	1	1
Faa	69.55223	-1.10026	0.338587	0.250942	1
Cyp4p1	78.20084	-0.07961	0.22231	1	1
fd59A	0.808655	-0.01524	0.561935	1	1
RpL23	2293.195	-0.38492	0.11346	1	1
bw	12.5779	-0.12516	0.364368	1	1
Lac	473.0437	-0.29892	0.137745	1	1
can	456.0577	-0.02159	0.134706	1	1
Ppa	24.66587	-0.12177	0.315381	1	1
mRpS29	341.345	-0.53987	0.134219	1	1
TrpRS	780.4865	0.278584	0.111807	1	1
qkr58E-2	217.5636	-0.43627	0.159243	1	1
E5	18.25286	-0.27013	0.380244	1	1
qkr58E-1	76.1627	-0.02327	0.212195	1	1
Gr58b	4.688473	-0.02527	0.420141	1	1
SmF	233.522	-0.10954	0.16332	1	1
Loxl2	6.069871	0.564073	0.659823	0.236566	1
RpIII128	122.9181	-0.27113	0.197957	1	1
Tbp	62.19234	-0.51962	0.264889	1	1
otk	23.53377	0.129142	0.30813	1	1
sens	40.09987	0.201669	0.271778	1	1
Acox57D-d	9.168445	-0.6897	0.695835	0.182553	1
rho-7	435.2948	-0.2761	0.126162	1	1
Acox57D-p	30.73182	0.082314	0.290422	1	1
Buffy	173.8899	-0.00968	0.17974	1	1
Lsp2	1.94216	0.07704	0.501669	1	1
lin	148.1735	0.13018	0.172182	1	1
Act57B	1176.913	-0.38964	0.283336	1	1
otp	42.5517	0.545492	0.309629	1	1
fz	18.56436	0.092372	0.339846	1	1
Toll-7	232.5394	0.605148	0.16625	1	1
Or56a	17.41492	0.34622	0.37789	1	1
dib	5.284055	0.172517	0.47471	0.928085	1
iotaTry	1.96509	0.157962	0.557562	0.612307	1
cv-2	51.49412	-0.30759	0.294973	1	1
eEF1beta	1431.818	-0.19016	0.104689	1	1
Fkbp12	1255.004	-0.41254	0.096301	1	1
zetaTry	0.09733	-0.00449	0.605571	1	1
Spn43Aa	43.79491	0.786966	0.353643	0.688024	1

botv	55.2331	-0.1871	0.242218	1	1
5-HT1B	4.96796	-0.07607	0.46307	1	1
Rab3	158.1443	1.178677	0.215728	0.168016	1
DptB	42.99771	-0.2347	0.609762	0.398292	1
edl	30.06495	0.665386	0.40918	0.688444	1
Actn3	1875.34	0.395032	0.08767	1	1
mRpS28	100.0314	-0.28016	0.20036	1	1
Prp19	128.7998	-0.52346	0.200885	1	1
Prx2540-2	312.6754	0.538826	0.147181	1	1
Gr47a	7.583803	0.247151	0.441548	0.988323	1
Larp7	99.51339	-0.24054	0.220404	1	1
Smurf	1373.721	-0.35206	0.113134	1	1
Hdc	10.019	0.356121	0.448516	0.839895	1
ph-d	36.99626	0.163711	0.300305	1	1
Dcr-2	332.1391	-0.28213	0.13697	1	1
mys	402.327	-0.35468	0.140837	1	1
Tre1	95.92476	-0.28238	0.204614	1	1
POSH	86.92427	-0.04097	0.201975	1	1
ru	0.789231	0.125373	0.614906	0.516123	1
MESR4	221.1889	0.05367	0.154999	1	1
sut4	3243.994	0.985187	0.102724	0.878425	1
nkd	91.24917	-0.4522	0.239403	1	1
RpL18A	2526.703	-0.42323	0.103827	1	1
cyp33	183.7069	-0.33214	0.192191	1	1
Cdc2rk	107.1068	-0.30118	0.201595	1	1
mRpL42	182.0938	-0.18821	0.171743	1	1
Def	0.467356	0.047016	0.609187	0.82159	1
kto	656.6937	0.142856	0.143751	1	1
robl	553.4707	-0.24315	0.12074	1	1
eve	2.030279	-0.25345	0.658823	0.307735	1
g	126.553	-0.213	0.181055	1	1
abo	209.1697	-0.48269	0.157785	1	1
FMRFa	5.838526	-0.10698	0.411875	1	1
nerfin-1	0.485878	0.033604	0.598416	0.939488	1
Amy-d	744.4383	0.677472	0.11855	1	1
tant	1747.955	-0.10676	0.083195	1	1
tef	39.883	-0.34272	0.318025	1	1
msk	928.0086	-0.08243	0.113508	1	1
Fen1	127.1329	-0.24073	0.195722	1	1
san	510.6101	0.076758	0.109989	1	1
RpLP2	5178.855	-0.33046	0.103866	1	1
DAT	6.488184	0.290573	0.530439	0.565974	1
Coprox	1098.618	-0.05499	0.096705	1	1
ptc	73.64469	0.022133	0.241057	1	1
Jhl-26	13.78753	-0.06337	0.345903	1	1
fidipidine	193.3816	-0.4198	0.173986	1	1
cwo	121.4496	-0.25273	0.198522	1	1
SmD1	519.2594	-0.32831	0.1325	1	1
Tsf3	71.96331	-0.20861	0.24536	1	1
Socs44A	128.8418	-0.29876	0.19063	1	1

Jhe	23.23626	0.447454	0.37328	1	1
sut1	9.097012	-0.10679	0.384554	1	1
Hey	8.96841	-0.09961	0.379475	1	1
Cyp4e1	3.866244	0.02904	0.571721	1	1
Or43b	19.93608	0.471125	0.404267	0.931384	1
Ag5r	7.517568	-0.62453	0.66974	0.215787	1
Smyd3	42.77895	-0.21814	0.289226	1	1
Mtk	6.404673	-0.13798	0.455885	1	1
cn	0.268107	-0.04679	0.619605	0.793673	1
Gr43a	4.505548	0.004629	0.429217	1	1
Cyp6a8	11.89142	0.776431	0.643349	0.203695	1
Cyp6a9	47.72955	0.149279	0.24985	1	1
Incenp	738.5617	-0.28765	0.114018	1	1
Or43a	0.748225	0.068365	0.585086	0.778854	1
AttB	105.4982	-0.15848	0.344875	1	1
Cyp9b2	25.81987	-1.25109	0.545895	0.091746	1
PPO3	12.15079	0.144992	0.359127	1	1
AttA	21.10626	0.013799	0.332328	1	1
Cyp9b1	1.095023	-0.12782	0.585693	0.586368	1
Surf1	140.1859	0.022662	0.172766	1	1
Dro	20.44645	-0.29983	0.574184	0.439475	1
Rpl1	203.9637	-0.25005	0.159059	1	1
Tsp42Er	24.98401	-0.5842	0.418612	0.748634	1
Tsp42Eq	223.8508	0.126989	0.147376	1	1
Tollo	102.8324	0.005462	0.205202	1	1
LamC	377.9577	-0.29589	0.137043	1	1
Tsp42Ep	7.087205	-0.09485	0.390362	1	1
Uba2	785.3753	-0.55305	0.116276	1	1
Hsc70-5	5555.986	0.027472	0.075063	1	1
Mdr50	3.906447	-0.00106	0.440336	1	1
Tsp42En	0.19466	-0.00449	0.605571	1	1
Sox15	3.620329	-0.12911	0.468937	1	1
Ibm	26.6233	-0.15771	0.301183	1	1
Tsp42El	186.6361	-0.49571	0.1942	1	1
mRpS16	238.2277	-0.22719	0.164098	1	1
mEFTu1	732.1106	-0.78331	0.120969	1	1
Tsp42Ek	5.072505	-0.04866	0.428959	1	1
Tsp42Ej	103.6158	-0.26456	0.224582	1	1
IKKbeta	128.7628	-0.1378	0.182648	1	1
Tsp42Ei	393.6399	-0.11428	0.133549	1	1
Rpp30	40.61309	-0.27879	0.279994	1	1
Tsp42A	434.8405	0.78186	0.130766	1	1
Tsp42Eh	60.74148	0.025551	0.237339	1	1
Tsp42Eg	419.3522	0.218416	0.143551	1	1
Sr-CIII	2.481899	0.011358	0.477004	1	1
Or42a	1.703716	-0.05171	0.493994	1	1
Tsp42Ef	185.4751	-0.60315	0.176699	1	1
Tim17b2	2256.722	0.345422	0.086155	1	1
CG17716	12.34294	0.580059	0.539273	0.41384	1
Tsp42Ee	1790.443	-0.11149	0.095425	1	1

cid	34.22128	0.410891	0.314609	1	1
Tsp42Ed	760.4277	-0.50211	0.126678	1	1
TpnC41C	2.233592	-0.26512	0.640122	0.329369	1
AttC	19.57572	0.654501	0.575857	0.318834	1
Tsp42Ec	3.221337	-0.06052	0.465827	1	1
Rab18	194.8781	0.115409	0.167357	1	1
AQP	99.80987	0.795572	0.246214	1	1
Shark	52.10987	0.297023	0.260617	1	1
Cyp6a2	104.0519	0.121752	0.197799	1	1
mRpL12	411.6137	-0.1608	0.12942	1	1
GLaz	159.2288	0.088041	0.176865	1	1
Su(z)2	47.22651	-0.15691	0.266732	1	1
CanB	3.450898	0.201363	0.508381	0.727944	1
pie	158.4523	-0.33808	0.175083	1	1
tsh	55.60936	0.083177	0.247804	1	1
Psc	38.36445	-0.18295	0.276676	1	1
Act42A	4489.221	0.018457	0.070124	1	1
ome	71.24666	0.111266	0.242334	1	1
Mdr49	95.54127	0.00457	0.206495	1	1
Or42b	1.156868	-0.02667	0.543464	1	1
Tsp39D	229.2255	0.193711	0.161872	1	1
dimm	7.789237	-0.48077	0.5447	0.442957	1
clumsy	65.22323	0.289965	0.243924	1	1
Mpp6	201.5123	-0.10943	0.158969	1	1
Ugt37A1	0.564884	-0.00319	0.5842	1	1
Tep4	290.3267	-0.39147	0.145212	1	1
Top3alpha	192.8053	-0.34125	0.170304	1	1
Sidpn	338.9982	-0.06523	0.125371	1	1
mRpL13	67.70788	-0.42999	0.254753	1	1
MESR3	175.7155	-0.07144	0.159563	1	1
bsf	672.5304	-0.62876	0.11513	1	1
Acp36DE	317.6698	0.076765	0.425772	1	1
Oli	63.27407	-0.73019	0.299636	0.994357	1
Dhc36C	1490.022	1.071959	0.138984	0.369372	1
Cse1	402.7664	-0.36652	0.123478	1	1
yellow-b	24.93655	-0.40399	0.373305	1	1
heix	141.9634	-0.03398	0.176847	1	1
beat-lc	1.4804	-0.00276	0.508351	1	1
beat-lb	7.225004	-0.03733	0.384958	1	1
Tektin-A	3128.423	0.291783	0.081472	1	1
kek3	10.06593	-0.1534	0.386218	1	1
nht	393.8082	-0.47804	0.135306	1	1
yellow-c	2.615188	-0.11928	0.508645	0.883085	1
GABA-B-R1	119.0089	0.531166	0.209266	1	1
Rnmt	139.0826	-0.00901	0.183858	1	1
spel1	126.1261	-0.51878	0.199153	1	1
Acyp	1094.591	-0.33868	0.102381	1	1
CAH1	25.93722	-0.18868	0.303413	1	1
Vha68-1	672.4889	-0.50512	0.108886	1	1
Or33c	0.867978	0.083702	0.588961	0.70355	1

Or33b	0.820004	0.036021	0.571787	0.995892	1
Or33a	0.745865	0.033474	0.562589	1	1
Tsp33B	546.5094	1.237301	0.129732	0.031409	1
kek2	13.69097	-0.13448	0.348423	1	1
mre11	127.8662	-0.4255	0.233766	1	1
hgo	1.360751	0.027195	0.511243	1	1
Gr32a	67.47447	0.408832	0.261742	1	1
Nos	15.93815	1.290243	0.746391	0.05575	1
Lip1	19.49298	0.141192	0.325899	1	1
Lrr47	168.5285	0.011633	0.177069	1	1
mRpS7	369.7715	0.066191	0.139552	1	1
Cdk5alpha	76.76398	0.814337	0.288805	0.847735	1
Prosalpha6	837.2433	-0.77612	0.117173	1	1
Fbp2	3.28279	0.049496	0.464373	1	1
RpL7	3569.208	-0.58459	0.095476	1	1
tai	162.6295	0.053964	0.165674	1	1
RpL13	2135.934	-0.50206	0.116852	1	1
Or30a	0.477758	0.074196	0.624785	0.638826	1
Dref	166.665	-0.31373	0.170274	1	1
Toll-4	24.76708	-0.37032	0.35148	1	1
yip2	289.6525	-0.30538	0.136967	1	1
Try29F	54.75833	0.39088	0.301095	1	1
Cyp4e3	6.698771	-0.35739	0.565722	0.436593	1
Tsp29Fa	2.771087	-0.22984	0.572396	0.485836	1
Gdi	1821.641	-0.34104	0.08596	1	1
Acp29AB	11.50244	-0.00063	0.568426	1	1
Scgalpha	40.12727	0.46346	0.325359	1	1
Tep3	85.60234	0.073021	0.212528	1	1
Obp28a	0.475529	-0.0052	0.593302	1	1
Gr28a	5.016055	-0.06535	0.416736	1	1
wg	23.55607	-0.06746	0.303281	1	1
Pvf2	45.98256	-0.13106	0.293729	1	1
Gart	137.5784	0.023288	0.178482	1	1
Nlg2	39.53005	1.218507	0.43796	0.125721	1
cort	8.966794	-0.29956	0.442261	0.923909	1
Kr-h2	1049.179	0.867201	0.100204	1	1
mtm	224.3512	-0.32615	0.169145	1	1
H2,O	1.584745	0.202221	0.629287	0.385594	1
GluRIIB	6.060074	0.332351	0.532794	0.535587	1
GluRIIA	56.53303	-0.06264	0.234525	1	1
TotM	7.768378	0.062842	0.417412	1	1
eIF3i	1049.132	-0.2753	0.09748	1	1
mRpL24	329.5209	0.048906	0.142245	1	1
Sgs1	1.918698	-0.05373	0.503961	1	1
mRpS2	120.2695	-0.09398	0.186812	1	1
Bsg25A	0.740052	0.09895	0.623784	0.55739	1
Or24a	2.257859	0.741587	1.25638	0.04006	1
ed	64.01283	-0.10182	0.257797	1	1
Ptpa	255.8348	-0.18473	0.152835	1	1
gkt	215.8192	-0.14237	0.154807	1	1

Prx6005	172.3045	-0.55503	0.181294	1	1
Or23a	15.66164	0.162133	0.352671	1	1
Or22c	2.760619	-0.16957	0.504337	0.79316	1
Or22a	5.558319	0.000668	0.422978	1	1
ast	268.8718	0.24927	0.142384	1	1
Gr21a	0.944515	-0.18207	0.665696	0.341906	1
ds	71.92471	0.147457	0.222001	1	1
Ets21C	63.65228	-0.29089	0.242044	1	1
Spp	760.3475	0.073345	0.099151	1	1
smo	57.70649	-0.36264	0.265758	1	1
mRpL10	166.0543	-0.38463	0.17103	1	1
fog	43.28896	0.080031	0.254322	1	1
S6kII	71.19694	-0.12474	0.222841	1	1
lcs	2.481427	0.198749	0.553148	0.569777	1
mst	35.59188	0.030145	0.269883	1	1
mal	65.38739	-0.57151	0.279877	1	1
Hlc	156.289	-0.18206	0.186872	1	1
cactin	84.76056	-0.13349	0.219203	1	1
Syx16	234.0257	0.122321	0.140939	1	1
Sep1	287.1201	0.11453	0.142502	1	1
Rab10	313.3489	-0.37896	0.131267	1	1
peng	146.6751	-0.29646	0.180763	1	1
dod	343.5369	0.304965	0.13686	1	1
Nep3	27.62176	-0.0526	0.30559	1	1
Ser6	3.685393	0.081706	0.447957	1	1
amn	0.740052	0.09895	0.623784	0.55739	1
AP-1-2beta	336.6855	-0.31121	0.134789	1	1
run	1.304688	-0.025	0.546682	1	1
Cdc42	389.9552	-0.23644	0.123828	1	1
Mer	76.91136	-0.11768	0.219528	1	1
dome	314.556	-0.07288	0.158516	1	1
pcm	492.2783	0.072093	0.128178	1	1
Pvf1	179.9955	-0.29873	0.169926	1	1
Tsf1	11890.1	0.245761	0.22948	1	1
betaCOP	450.8114	-0.34971	0.118823	1	1
Taf8	228.5661	-0.10909	0.151086	1	1
scu	232.6566	-0.4442	0.173205	1	1
Ada3	55.95852	-0.39042	0.255596	1	1
Dhc16F	695.878	0.633832	0.309114	1	1
e(y)1	106.5874	-0.78922	0.224086	1	1
Socs16D	178.4239	0.073547	0.162617	1	1
OdsH	80.17585	-0.87035	0.291021	0.711611	1
beta-Spec	1503.513	-0.1049	0.133698	1	1
B-H2	114.3205	0.169397	0.19937	1	1
RpS5a	2610.252	-0.52011	0.103147	1	1
RSG7	27.11696	0.079537	0.30062	1	1
mRpL22	141.1601	-0.58535	0.202228	1	1
mbt	151.2081	-0.28729	0.196159	1	1
SMC3	117.9532	-0.22869	0.189652	1	1
Pp2B-14D	96.13796	-0.42145	0.224646	1	1

Arp2	758.1354	-0.14767	0.101649	1	1
para	5.394536	0.067998	0.441021	1	1
mei-41	62.16916	-0.14765	0.239008	1	1
Cyp1	1753.955	-0.27328	0.095391	1	1
disco	24.35146	-0.15179	0.315084	1	1
Or13a	3.815999	0.000296	0.459439	1	1
mRpS30	270.9132	-0.33017	0.139808	1	1
mRpL3	135.7839	-0.50917	0.190592	1	1
Arp6	109.7192	-0.29221	0.209754	1	1
Ahcy	327.6348	-0.40905	0.130857	1	1
NetA	43.34466	0.614979	0.376201	0.874017	1
mRpS25	105.7782	-0.53743	0.215713	1	1
dah	11.6094	-0.1927	0.384336	1	1
mRpL38	191.2109	-0.34148	0.165679	1	1
gce	14.83932	0.235855	0.379849	1	1
ben	362.58	0.114105	0.129787	1	1
hiw	42.76802	0.317121	0.293638	1	1
eag	3.907902	0.209552	0.51071	0.708101	1
Yp3	83.1135	-0.15105	0.232651	1	1
NFAT	103.1828	-0.24186	0.208545	1	1
rut	65.17162	0.067187	0.246784	1	1
dmrt11E	0.916811	-0.04657	0.56681	0.947403	1
NetB	43.04868	0.437004	0.296823	1	1
sno	1327.352	0.381321	0.1212	1	1
Bap60	204.5733	-0.38824	0.153503	1	1
Lsp1alpha	0.275948	0.042618	0.616394	0.829472	1
Ten-a	15.3732	0.250984	0.407945	1	1
fw	11.18107	0.154166	0.389944	1	1
Met	63.98302	-0.19111	0.240038	1	1
nod	13.10177	-0.17868	0.36672	1	1
RpII215	138.9632	-0.3311	0.200215	1	1
Gr10b	0.730874	-0.10674	0.632353	0.51577	1
hop	179.1454	-0.2697	0.161725	1	1
dsh	846.4279	-0.09333	0.114602	1	1
I(1)10Bb	421.7215	0.08543	0.123948	1	1
sev	224.0503	-0.06645	0.163105	1	1
v	23.7683	-1.03837	0.523493	0.186102	1
Or9a	2.001064	-0.08829	0.515716	0.948016	1
Gip	88.48336	-0.87254	0.272717	0.761994	1
Yp1	1.183881	0.020698	0.534941	1	1
Yp2	1.108943	-0.03315	0.527544	1	1
btd	17.76794	0.278227	0.365626	1	1
lz	1.62286	0.08896	0.524422	0.909153	1
Dsor1	84.21629	-0.06869	0.209379	1	1
Gr8a	0.836247	-0.07619	0.577147	0.769335	1
Ost48	663.4916	-0.07957	0.107394	1	1
fh	123.0723	0.409144	0.212927	1	1
Bx42	269.5612	-0.40599	0.142258	1	1
rdgA	30.78854	-0.09636	0.294867	1	1
Cp38	0.383498	-0.06072	0.627806	0.691562	1

Cp36	0.084946	0.016718	0.607437	1	1
org-1	1.235	0.167396	0.611495	0.456393	1
Or7a	1.782514	-0.09546	0.514903	0.926895	1
Traf6	61.94292	-0.57598	0.267627	1	1
Smox	401.4306	-0.06177	0.144518	1	1
bys	198.2739	-0.07893	0.150355	1	1
brk	5.770857	0.010404	0.422997	1	1
ullo	0.607891	0.011852	0.580002	1	1
Mcm6	134.2062	0.358543	0.198311	1	1
dx	63.15525	-0.07037	0.231809	1	1
Tsp5D	65.71658	-0.11711	0.239693	1	1
rux	842.6853	0.550439	0.104014	1	1
Spat	61.60978	-0.21407	0.237273	1	1
PpV	84.31671	-0.39521	0.215231	1	1
mof	100.5631	-0.12452	0.211114	1	1
swa	36.425	-0.21106	0.286164	1	1
Gr5a	0.704286	0.091301	0.605332	0.629764	1
Top3beta	265.7273	-0.67172	0.153379	1	1
Mlc-c	1058.869	-0.16211	0.093261	1	1
Spx	178.5108	-0.77934	0.217887	1	1
Mcm3	51.24675	-0.41333	0.271855	1	1
sqh	773.1657	-0.21825	0.109144	1	1
dhd	60.3948	-0.04961	0.228827	1	1
Mipp2	8.284199	-0.03657	0.380525	1	1
snf	459.1497	-0.57402	0.129854	1	1
Cdk7	146.2237	-0.39455	0.198047	1	1
Sce	126.2456	-0.36646	0.183062	1	1
beat-la	16.24039	0.038109	0.344166	1	1
Glt	61.55086	-0.56914	0.290953	1	1
Galphai	261.2102	-0.26644	0.157022	1	1
fzy	551.1794	0.410729	0.110561	1	1
fy	39.41749	-0.16447	0.265183	1	1
fu	29.22215	-0.24921	0.30186	1	1
ft	33.57332	0.29016	0.305409	1	1
Fs(2)Ket	1410.821	0.401241	0.095466	1	1
fs(1)Yb	81.82987	-0.41153	0.230374	1	1
fs(1)Ya	7.176277	0.021215	0.390781	1	1
png	9.968278	-0.13918	0.379752	1	1
fs(1)K10	175.7403	-0.50573	0.166908	1	1
fj	2.400136	0.212816	0.584956	0.468782	1
Fcp3C	2.594017	-0.24774	0.64377	0.332147	1
eIF2D	288.1343	-0.34011	0.143143	1	1
Slbp	465.1204	-0.02808	0.119686	1	1
CG6712	96.74092	-0.2637	0.215672	1	1
Sps2	178.2261	0.429208	0.171576	1	1
Mst85C	43.39102	-0.22819	0.287847	1	1
Mt2	26.40633	-0.22753	0.311851	1	1
Rpt1	1674.755	-0.20827	0.082888	1	1
gammaSnap1	67.92015	0.185219	0.22179	1	1
Kr-h1	7.723132	0.265642	0.509921	0.655572	1

Ercc1	45.37922	-0.4509	0.31208	1	1
Syt4	46.65851	0.596663	0.317871	1	1
Taf10	61.48615	-0.18176	0.241971	1	1
Decay	8.482749	-0.06489	0.39728	1	1
Srp54	122.0246	-0.45203	0.207032	1	1
amos	0.426242	-0.06867	0.628121	0.653036	1
Manf	762.9154	-0.04798	0.102247	1	1
cass	752.3319	-0.28882	0.113575	1	1
cato	0.522141	0.002143	0.588182	1	1
CSN4	540.7074	-0.48919	0.110523	1	1
CstF64	150.9593	-0.11902	0.174006	1	1
CSN5	525.5905	-0.22844	0.112129	1	1
dnt	212.0141	-0.16758	0.155766	1	1
STUB1	536.317	-0.03532	0.124802	1	1
gbb	268.4081	-0.26163	0.154814	1	1
Hs2st	191.2681	0.318163	0.157561	1	1
Dnz1	449.0347	0.030717	0.113122	1	1
Trap1	2146.674	0.42026	0.089227	1	1
Tehao	0.573057	-0.0617	0.608753	0.74108	1
Stam	640.4311	-0.08317	0.121149	1	1
Vha13	1680.657	-0.11122	0.087494	1	1
dwg	46.08516	-0.04736	0.249221	1	1
aurB	277.1032	-0.25366	0.139729	1	1
drosha	59.24769	-0.04753	0.244961	1	1
fat-spondin	112.7244	-0.23555	0.190272	1	1
Mct1	15.11008	-0.22058	0.378249	1	1
Nmd3	102.1694	-0.27391	0.20116	1	1
esc	42.75595	-0.06452	0.26556	1	1
Lip3	2.037039	-0.05376	0.496889	1	1
Pph13	1.667874	0.066891	0.514816	1	1
ebi	341.22	0.13521	0.129718	1	1
Eaat2	7.419829	0.001083	0.427858	1	1
Hus1-like	17.33432	-0.11939	0.338795	1	1
Or22b	53.07292	1.414642	0.3597	0.047549	1
Dr	44.2211	-0.25954	0.281668	1	1
Dap160	1098.749	-0.00767	0.098425	1	1
Parg	201.5092	0.194049	0.165894	1	1
Orc4	172.1228	0.622987	0.185467	1	1
Rep	41.73744	0.15431	0.270272	1	1
RplI33	144.8068	-0.43242	0.201224	1	1
Orc6	9.749573	-0.26689	0.419616	1	1
Taf10b	320.341	0.03559	0.13405	1	1
amon	17.39589	-0.22723	0.368587	1	1
Traf4	13.78361	0.210997	0.374756	1	1
Tsc1	312.2835	0.19888	0.147355	1	1
RpL39	1764.24	-0.38888	0.097853	1	1
Ubc10	549.6697	0.286248	0.110942	1	1
aft	379.2736	-0.10754	0.121048	1	1
nop5	394.2724	-0.48934	0.12791	1	1
Uba1	3148.636	0.154754	0.086144	1	1

ApepP	564.5178	0.012719	0.103	1	1
a6	40.99389	-0.58244	0.343018	1	1
CklIbeta2	1125.983	0.020084	0.097656	1	1
qkr58E-3	371.7594	-0.34247	0.133714	1	1
Inos	5317.064	0.386994	0.096165	1	1
D19A	109.5376	-0.03189	0.192211	1	1
wrapper	8.460971	-0.00638	0.413293	1	1
JTBR	118.6107	-0.57841	0.197896	1	1
Orc1	16.79958	-0.26998	0.354885	1	1
Rap2l	883.795	0.113701	0.111373	1	1
HLH54F	29.72182	1.415348	0.531686	0.051637	1
zf30C	294.2807	-0.17342	0.141676	1	1
Rpn3	1174.284	-0.28295	0.089819	1	1
Ac13E	46.87	-0.00145	0.271267	1	1
D19B	205.2215	-0.09984	0.158525	1	1
Cht2	16.12931	0.303799	0.390166	1	1
Cdc16	167.0503	-0.22139	0.164704	1	1
Thor	276.6713	-0.07919	0.162554	1	1
Nle	99.16498	-0.52244	0.21459	1	1
scf	834.249	0.441202	0.094708	1	1
mira	1.341622	-0.02845	0.518773	1	1
CG43867	113.6175	0.218508	0.188634	1	1
Nup154	200.6278	-0.13938	0.158359	1	1
Faf2	1027.969	0.013254	0.094955	1	1
dor	104.8323	-0.52469	0.22666	1	1
eIF3e	1643.171	-0.04696	0.079126	1	1
PpN58A	719.7007	0.933039	0.120597	1	1
PheRS-m	454.2905	-0.3298	0.118996	1	1
slv	77.61234	-0.35403	0.231568	1	1
BubR1	237.5744	0.059495	0.143389	1	1
Alas	753.5881	-0.12061	0.108767	1	1
Bub3	255.3542	-0.80621	0.149953	1	1
Fpps	745.938	-0.28431	0.104476	1	1
Ip259	720.3578	-0.16287	0.107602	1	1
Lcp65Ad	1.618847	-0.02346	0.49997	1	1
CG4882	428.7387	-0.73866	0.136577	1	1
Thiolase	412.6229	-0.64201	0.131501	1	1
Cpes	248.579	-0.26241	0.143305	1	1
Lcp65Af	2.710882	-0.05239	0.460732	1	1
ari-2	218.748	-0.31834	0.156206	1	1
und	3070.101	-0.13258	0.080298	1	1
Bem46	275.7288	-0.04482	0.144358	1	1
Osbp	745.9056	-0.06247	0.111037	1	1
Irp-1A	474.0766	-2.47E-01	0.11798	1	1
Pi3K21B	249.7783	0.095038	0.148601	1	1
Rack1	2644.49	-0.63004	0.103626	1	1
TER94	7409.056	0.06136	0.083624	1	1
SA	61.55885	-0.34825	0.259123	1	1
Ts	43.07679	0.25278	0.277125	1	1
kraken	876.8022	-0.01279	0.109378	1	1

b6	9.043414	0.062917	0.380915	1	1
Abi	321.4875	-0.59016	0.148013	1	1
p38b	52.28649	-0.05676	0.250663	1	1
eRF3	1374.444	0.638048	0.096433	1	1
Idgf2	254.1094	-0.84378	0.172708	1	1
Idgf1	49.43289	0.344778	0.276934	1	1
Dlc90F	1331.149	0.303824	0.090328	1	1
E2f2	619.9654	0.060928	0.104169	1	1
Nrk	24.52668	0.02671	0.306847	1	1
Stip1	1803.09	-0.38694	0.09569	1	1
Mkk4	156.6848	-0.10453	0.171568	1	1
dve	4.150238	-0.20435	0.523787	0.663435	1
Sirt1	123.6143	0.060063	0.194121	1	1
Dredd	93.18488	0.380107	0.222896	1	1
dbe	148.7564	-0.32185	0.187918	1	1
TM4SF	24.83562	0.63211	0.417718	0.699063	1
ttv	145.1021	0.783283	0.20106	1	1
Gcn2	218.3747	1.01706	0.190663	0.539423	1
Gs1l	140.058	-0.44034	0.20149	1	1
Cdk9	353.3116	-0.58538	0.140102	1	1
SamDC	331.6239	0.362419	0.136181	1	1
Surf4	401.9921	-0.01868	0.130446	1	1
Pdk	87.55297	-0.21226	0.210825	1	1
Rca1	254.6627	0.572875	0.152971	1	1
Ric	226.3761	-0.08346	0.149302	1	1
T3dh	16.70393	-0.27921	0.385033	1	1
U2af38	501.7667	0.181982	0.111587	1	1
cag	97.60524	0.060284	0.212385	1	1
sktl	404.366	0.15231	0.13865	1	1
snRNP-U1-70K	365.6246	-0.19502	0.134481	1	1
angel	170.4637	-0.19916	0.158388	1	1
Dfd	7.357112	-0.23292	0.43489	1	1
Lectin-galC1	2.294688	-0.39815	0.872556	0.12128	1
Chd1	527.8426	0.134837	0.139546	1	1
Acer	3163.664	-0.107	0.083552	1	1
ATPsynCF6	968.6812	-0.18492	0.109024	1	1
vkg	185.6284	-0.29049	0.170743	1	1
da	459.1563	-0.02039	0.128238	1	1
dpa	215.2355	-0.29393	0.1521	1	1
Vang	140.8566	-0.29193	0.178143	1	1
Cyt-c-p	404.7501	-0.48283	0.135471	1	1
Reg-5	204.0015	0.41366	0.160317	1	1
Rab6	280.82	-0.59553	0.147432	1	1
nrv1	218.2071	-0.33237	0.157331	1	1
Cyt-c-d	3581.453	0.016752	0.082751	1	1
lic	140.8265	-0.17239	0.18522	1	1
Hmu	366.3604	-0.62842	0.137088	1	1
Clp	109.4623	-0.09919	0.206411	1	1
unpg	0.292188	-0.04954	0.621123	0.77256	1
tos	28.4427	-0.78033	0.420893	0.522099	1

mbc	217.4496	-0.11053	0.165597	1	1
dsf	14.11148	0.283039	0.3919	1	1
dare	51.12726	-0.25736	0.268054	1	1
drl	44.58195	0.188466	0.271256	1	1
VACHT	1.112072	0.059965	0.537054	0.978577	1
Ssb-c31a	436.8166	-0.49339	0.163535	1	1
Srp19	238.0833	-0.22003	0.162087	1	1
RpL22	624.2417	-0.28313	0.125862	1	1
Pi3K59F	60.45134	-0.19431	0.24578	1	1
Orc5	95.16908	-0.18331	0.206749	1	1
Nap1	11.27192	-0.11645	0.365513	1	1
Mcm2	104.1113	-0.28415	0.201582	1	1
Hr38	1.44843	0.048933	0.524101	1	1
Cyp4e2	56.88926	-0.05422	0.241065	1	1
crn	133.7996	-0.53371	0.188999	1	1
CngA	22.46407	0.308222	0.348098	1	1
noi	339.3031	-0.34627	0.128219	1	1
gcm	27.92219	0.426368	0.353834	1	1
Sr-CI	56.95078	1.046191	0.351209	0.30537	1
SdhB	296.1839	-0.28034	0.141897	1	1
Rlb1	79.79273	-0.39605	0.230807	1	1
cos	104.4845	-0.31807	0.204996	1	1
Rab2	632.1437	-0.11215	0.106985	1	1
Ack-like	268.3756	-0.35694	0.153517	1	1
Gycalpa99B	0.389319	-0.00449	0.605571	1	1
ldgf6	860.6726	-0.28172	0.102744	1	1
Cdk5	172.9403	-0.13315	0.170973	1	1
Mtor	524.3142	-0.41314	0.128932	1	1
Bro	5.408473	-0.04481	0.429253	1	1
Bgb	89.86612	-0.37541	0.232674	1	1
klu	32.70466	-0.52155	0.357632	1	1
igl	25.89754	-0.07249	0.302137	1	1
bcn92	208.641	0.008502	0.153948	1	1
CalpA	261.9959	0.119203	0.143901	1	1
RpL11	2327.167	-0.40644	0.102262	1	1
CG4038	92.55209	-0.39683	0.220689	1	1
Odc2	20.11344	0.038688	0.328237	1	1
Odc1	7.131549	-0.54062	0.627455	0.279101	1
ProtB	3738.952	0.0108	0.09005	1	1
Pen	25115.41	0.243291	0.112811	1	1
ProtA	2058.733	0.550254	0.09412	1	1
Arp53D	2069.824	1.053313	0.094378	0.407236	1
ana	412.5718	0.326619	0.174876	1	1
Wee1	1054.89	0.770362	0.095547	1	1
tsr	3066.192	-0.48469	0.110007	1	1
Tig	67.60471	-0.0243	0.245802	1	1
RnrL	75.54696	-0.19077	0.223325	1	1
repo	0.881416	-0.02564	0.549647	1	1
pav	173.8451	-0.28643	0.167144	1	1
insc	131.3579	0.123766	0.192179	1	1

Pms2	389.7922	0.110547	0.12946	1	1
MIh1	73.22004	0.002508	0.212888	1	1
Mad	366.7582	-0.07828	0.122111	1	1
La	751.4491	-0.52325	0.103356	1	1
Elk	21.39819	0.053632	0.315751	1	1
Cdc37	1277.743	0.016175	0.084412	1	1
cpb	328.7105	-0.55673	0.13501	1	1
ND-ACP	899.0741	-0.21826	0.09648	1	1
Rsf1	243.3826	-0.48712	0.155113	1	1
babo	124.6166	-0.4591	0.201173	1	1
RyR	146.3829	0.211031	0.220219	1	1
Obp84a	0.525866	-0.03629	0.58647	0.953246	1
poe	2600.643	0.308528	0.117004	1	1
ox	719.3163	-0.06437	0.108192	1	1
pelo	500.0953	0.392518	0.115553	1	1
sgl	145.3733	-0.52285	0.185028	1	1
ppan	108.5947	-0.29176	0.213709	1	1
Dcp-1	49.01298	0.043491	0.249973	1	1
Wnt4	56.42949	0.049865	0.242824	1	1
pll	59.67053	-0.09464	0.23344	1	1
Vha14-1	341.0817	-0.19728	0.129972	1	1
TfIIIS	774.0402	-0.15532	0.108751	1	1
TpnC47D	64.74685	-0.13171	0.235242	1	1
RpL27A	3882.082	-0.34352	0.112325	1	1
Ror	73.21318	0.441847	0.24857	1	1
Cks30A	182.3229	0.427107	0.178329	1	1
Taf5	50.77505	-0.35145	0.286803	1	1
pigeon	406.4993	0.604256	0.132466	1	1
Ace	28.33615	0.092948	0.285604	1	1
Map60	99.21607	-0.14103	0.201785	1	1
140up	131.2301	-0.23145	0.192937	1	1
Rac1	375.2783	-0.29887	0.122639	1	1
Uch	3451.894	-0.10163	0.080473	1	1
Trf	252.3358	0.824479	0.170174	1	1
RpS13	3443.972	-0.35058	0.095662	1	1
dap	157.2118	0.192878	0.193279	1	1
Rbp4	817.5742	-0.66302	0.135627	1	1
Nmdmc	214.1502	-0.3117	0.173498	1	1
Dbp45A	172.5853	-0.18057	0.176595	1	1
Sod2	1149.814	-0.34425	0.092353	1	1
Wnt5	80.83967	-0.236	0.214739	1	1
gammaTub37C	7.266098	0.129149	0.416768	1	1
noc	25.24959	0.085009	0.308703	1	1
Crys	6.423448	0.216726	0.453651	0.965642	1
brn	92.53609	0.554197	0.227917	1	1
wdn	234.6289	-0.26393	0.153705	1	1
ple	151.5122	0.364993	0.19886	1	1
msl-1	91.84212	-0.02673	0.200052	1	1
yem	256.7106	0.62943	0.167773	1	1
U2af50	898.696	-0.03284	0.092428	1	1

por	77.39404	0.190309	0.220226	1	1
TfIIIB	917.2075	-0.10174	0.09133	1	1
Arl2	357.299	0.204042	0.137512	1	1
sob	0.46208	-0.01556	0.595998	1	1
piwi	105.7157	-0.25286	0.203693	1	1
RpS2	3697.301	-0.61774	0.100711	1	1
C15	15.35469	0.2359	0.375534	1	1
ph-p	31.4139	-0.23423	0.303464	1	1
Su(H)	183.3441	0.138823	0.162684	1	1
Gprk2	161.6348	-0.06256	0.176342	1	1
Xpac	301.8852	0.237035	0.13238	1	1
inaC	0.182276	0.016717	0.607437	1	1
Pgd	437.5337	0.285485	0.119265	1	1
N	55.64681	-0.016	0.24843	1	1
Rap1	253.9343	-0.10396	0.144548	1	1
Cys	1.38567	0.334705	0.839384	0.140755	1
GluRIA	27.83215	0.038053	0.295299	1	1
Rrp1	343.8686	-0.16511	0.128553	1	1
ex	73.15785	0.527454	0.280146	1	1
bib	34.09665	-0.26117	0.302898	1	1
Cbp53E	188.5717	0.290135	0.166758	1	1
CycC	187.0311	-0.34074	0.166781	1	1
Dbp73D	157.8091	-0.33833	0.191901	1	1
Mdr65	19.33941	0.190496	0.3293	1	1
LysS	0.615732	0.101485	0.632902	0.527679	1
LysP	2.143652	0.141301	0.551579	0.662637	1
LysE	4.85099	0.028739	0.552352	1	1
LysD	6.734114	0.045952	0.608491	0.830121	1
tam	186.688	-0.1366	0.16863	1	1
Vinc	258.6269	-0.34495	0.178879	1	1
Klp61F	223.1327	-0.08435	0.152491	1	1
18w	40.08059	-0.21666	0.294737	1	1
PPO1	185.4956	0.597425	0.387548	0.851835	1
Wnt2	188.003	0.004998	0.158528	1	1
DptA	48.58909	-0.95762	0.942423	0.064095	1
Hrb87F	2018.837	-0.3242	0.081543	1	1
mts	1208.804	-0.39497	0.094762	1	1
gammaTub23C	254.0928	-0.22902	0.139582	1	1
sc	0.169892	0.02982	0.611184	0.934191	1
Cdk1	449.6297	-0.59959	0.134714	1	1
zen	0.780505	0.096898	0.603048	0.618253	1
y	156.4697	0.771144	0.195935	1	1
b	5.194379	0.210309	0.469181	0.895194	1
w	351.4454	1.145091	0.142581	0.163771	1
vnd	0.55731	0.009805	0.57299	1	1
Vm26Ab	3.062842	0.111197	0.476849	1	1
usp	89.35895	-0.41304	0.212701	1	1
ush	59.53084	0.32148	0.250763	1	1
Uro	5.781448	-0.16751	0.459662	1	1
RpS27A	4336.592	-0.42743	0.107335	1	1

Axs	18.95476	-0.21178	0.335608	1	1
RpL40	2421.086	-0.40192	0.107803	1	1
tup	13.71444	0.046207	0.360555	1	1
tud	937.8858	-0.18496	0.115481	1	1
alphaTub84B	25360.96	0.196019	0.075609	1	1
alphaTry	4.772183	0.16856	0.7784	0.201081	1
trk	2.356967	-0.18907	0.54215	0.61701	1
tor	28.48123	-0.01814	0.290272	1	1
awd	1956.561	-0.47156	0.124232	1	1
Top2	1322.907	-0.8232	0.103217	1	1
Egfr	59.5583	-0.36525	0.258947	1	1
su(sable)	148.9727	-0.06935	0.195556	1	1
stil	512.4325	-0.14174	0.110221	1	1
spn-E	260.8282	-0.13902	0.146335	1	1
spn-B	27.68775	0.467045	0.366129	1	1
alpha-Spec	830.0234	-0.28193	0.106804	1	1
aurA	642.7034	0.651138	0.108003	1	1
ss	5.327839	0.178194	0.457251	1	1
sog	92.68205	0.515498	0.272797	1	1
Sod1	1328.061	-0.21986	0.10342	1	1
aub	330.0564	-0.57095	0.164886	1	1
so	207.7944	0.28707	0.155648	1	1
slp1	3.342121	-0.22853	0.57916	0.469839	1
sli	106.1871	-0.30703	0.212498	1	1
sl	60.64454	0.075337	0.249243	1	1
shg	272.269	-0.18314	0.15553	1	1
Sgs8	2.325788	0.130554	0.51115	0.843265	1
RanGAP	1447.985	-0.36857	0.099381	1	1
Sb	5.19263	-0.04231	0.420531	1	1
Rpl135	78.66104	-0.34128	0.235719	1	1
Rpl140	320.0842	-0.48521	0.137541	1	1
rod	182.7215	-0.04197	0.158984	1	1
RacGAP84C	286.5418	0.316219	0.135895	1	1
rk	6.693821	0.806253	0.895345	0.084672	1
Rh4	79.06294	1.284343	0.285333	0.091502	1
ref(2)P	1477.213	0.211492	0.085912	1	1
Ras85D	258.6933	-0.41232	0.153104	1	1
Prosalph3	1919.721	-0.17522	0.09588	1	1
PpY-55A	699.1163	-0.04273	0.10215	1	1
Poxn	1.183764	0.070209	0.530128	0.959128	1
pn	161.9203	-0.35805	0.169409	1	1
plu	17.77733	-0.15068	0.347056	1	1
Arr1	300.5684	-0.31015	0.135456	1	1
pim	359.3947	0.940329	0.155427	0.947179	1
Pgk	545.4875	-0.31459	0.120664	1	1
CG9757	5.505468	-0.00948	0.418655	1	1
peb	215.4321	-0.03148	0.173796	1	1
Pcp	4.179011	0.076471	0.433424	1	1
Pcl	355.651	-0.006	0.145649	1	1
Ote	244.6993	-0.08598	0.14133	1	1

okr	97.20009	-0.24975	0.199673	1	1
nub	33.65967	-0.24684	0.290282	1	1
slou	0.268107	-0.04679	0.619605	0.793673	1
nos	56.16815	-0.08709	0.243565	1	1
Chrac-14	26.92273	-0.18341	0.341414	1	1
Mp20	560.0879	-0.24296	0.133844	1	1
ncd	584.2106	-0.2819	0.118779	1	1
Mlc1	411.929	-0.45817	0.140369	1	1
nau	0.346774	-0.04453	0.618442	0.811314	1
Aprt	67.48764	1.09E-06	0.22377	1	1
mago	216.3229	-0.56363	0.16369	1	1
mei-S332	960.2732	0.556678	0.110768	1	1
twe	1315.011	0.963472	0.10447	1	1
RpS3	3365.538	-0.56288	0.105186	1	1
RpLP1	3922.403	-0.5823	0.110824	1	1
Mal-A1	2.77897	0.282987	0.693225	0.255144	1
Mal-A3	0.275948	0.042618	0.616394	0.829472	1
Appl	16.6972	0.116107	0.330794	1	1
Mal-A2	7.895875	-0.02171	0.409172	1	1
Lsp1beta	4.455677	0.019544	0.439772	1	1
Lcp4	0.444104	-0.04872	0.613025	0.800408	1
Lcp3	3.620772	-0.0398	0.434442	1	1
Lcp2	1.726889	0.094967	0.544634	0.809646	1
LanA	179.7417	-0.6142	0.210165	1	1
Lam	741.2671	0.033967	0.121659	1	1
AnxB10	437.4937	-0.13502	0.145757	1	1
lace	218.6099	0.008561	0.15338	1	1
lab	69.64014	-0.15371	0.225718	1	1
AspRS	74.73833	-0.72118	0.266142	1	1
CG10561	2526.232	-0.18501	0.090885	1	1
crp	203.178	-0.42507	0.166544	1	1
stc	861.0784	0.58593	0.104091	1	1
Sos	165.963	-0.17012	0.174889	1	1
ifc	611.148	0.035571	0.106592	1	1
Mybbp1A	213.215	-0.48967	0.160009	1	1
kz	51.55009	0.007094	0.244004	1	1
Khc	599.153	-0.40577	0.103706	1	1
janB	4037.382	-0.15812	0.083645	1	1
Ldh	316.0521	-0.18502	0.158366	1	1
ImpE2	0.564884	-0.00319	0.5842	1	1
hth	8.431305	0.178982	0.406809	1	1
Hsf	407.8429	-0.09911	0.13652	1	1
hook	310.3453	-0.17986	0.127837	1	1
her	118.8387	-0.30375	0.195008	1	1
grk	22.67554	-0.10072	0.305471	1	1
Gpdh1	662.9817	-0.02998	0.109784	1	1
ab	494.0984	0.380502	0.145682	1	1
CG42494	136.2769	-0.21835	0.188657	1	1
CG42355	2054.401	0.136331	0.088438	1	1
Mkp	1.059002	-0.11657	0.578306	0.633979	1

Sfp60F	0.19466	-0.00449	0.605571	1	1
CG30424	83.91348	-0.22372	0.231856	1	1
ppk29	4.851728	-0.07698	0.41722	1	1
Unc-89	57.92494	-0.05273	0.264727	1	1
Mthfs	30.05705	-0.99743	0.442925	0.272236	1
CG13516	93.52739	0.210125	0.206218	1	1
CG42566	11.2626	-0.21197	0.385403	1	1
CG45063	30.40922	0.242179	0.319558	1	1
CG45062	203.8634	1.115213	0.201311	0.270666	1
pgc	0.560097	-0.0582	0.606902	0.764378	1
CG44249	18.06481	0.355626	0.384033	1	1
CG34204	781.5129	0.035676	0.102062	1	1
CG33655	1131.702	-0.29418	0.105853	1	1
Rgk3	33.64993	-0.09735	0.277744	1	1
CG43308	17.26453	0.110466	0.329037	1	1
CG44623	149.4043	0.213206	0.177596	1	1
CG44622	32.07361	0.423869	0.316636	1	1
CG44569	0.573057	-0.0617	0.608753	0.74108	1
CG43071	14.80709	0.107071	0.348575	1	1
CG43070	72.05112	1.109848	0.334103	0.242569	1
CG34005	1.718543	0.081704	0.525264	0.932365	1
dpr13	15.63656	0.463937	0.436805	0.796462	1
CG44403	1208.22	0.18177	0.090975	1	1
CG43920	0.09733	-0.00449	0.605571	1	1
robls54B	14.4786	-0.00772	0.347224	1	1
CG34194	1.950082	0.092408	0.505148	0.980219	1
CG43110	514.4321	0.380926	0.11506	1	1
PIG-V	1112.72	0.243746	0.101238	1	1
Ufm1	71.31687	-0.56287	0.271415	1	1
CG34459	873.3229	0.773546	0.104813	1	1
Sfp53D	9.871751	0.009092	0.594569	1	1
CG34457	2056.829	0.333847	0.086973	1	1
CG43187	8.91166	0.194633	0.399779	1	1
CG10731	591.8521	0.198423	0.103421	1	1
CG42524	6.891117	0.297957	0.479204	0.753296	1
Trpm	261.195	0.118571	0.149488	1	1
CG43236	2.368899	-0.05228	0.462398	1	1
CG34236	0.803482	0.163214	0.662398	0.364472	1
CG43691	853.9819	0.467872	0.106534	1	1
CG34312	0.505528	-0.03782	0.579189	0.963509	1
CG44341	93.60608	0.324219	0.226508	1	1
CG34232	2.978988	0.133428	0.49057	0.931194	1
CG13177	4.6129	0.131429	0.449735	1	1
CG44314	253.4381	0.128859	0.144987	1	1
CG43114	4.417887	-0.24897	0.49445	0.732481	1
pre-lola-G	10.52173	-0.04435	0.367123	1	1
CG34221	6.215722	-0.0725	0.424395	1	1
CG44296	987.8087	0.221502	0.099178	1	1
CG34141	74.75153	-0.34502	0.238977	1	1
CG44286	5.772843	-0.14542	0.433232	1	1

CG34219	1.564783	0.071939	0.509953	1	1
CG14744	262.2066	0.290425	0.148895	1	1
CG44439	0.548644	0.086306	0.627052	0.587748	1
coil	650.9869	0.12463	0.113411	1	1
Asap	299.9409	-0.13628	0.144952	1	1
PIG-X	17.8467	-0.20983	0.348267	1	1
CG12836	1.556047	0.083641	0.526629	0.91954	1
CG44102	7.893547	0.110434	0.451433	1	1
CG14464	136.794	-0.3147	0.195029	1	1
CG12547	341.6414	-0.27719	0.136098	1	1
Gprk1	274.2809	-0.07461	0.142153	1	1
CG44270	2.683902	0.069651	0.484884	1	1
CG34007	1.26478	-0.065	0.534377	0.965504	1
CG43233	352.2672	0.713614	0.141311	1	1
CG43339	506.276	-0.24875	0.124893	1	1
CG34171	199.5213	0.156087	0.170733	1	1
Sfp36F	0.169892	0.02982	0.611184	0.934191	1
CG44476	0.303945	0.008289	0.605317	1	1
CG43271	144.2376	0.309387	0.188259	1	1
Ance-3	7.503948	-0.32458	0.548184	0.494775	1
CG45691	13.04296	0.331792	0.437099	0.916729	1
CG34170	653.1311	-0.54546	0.116443	1	1
CG44406	0.339783	0.051812	0.621542	0.757899	1
tweek	230.141	-0.06397	0.150931	1	1
CG43850	31.10009	1.127703	0.486179	0.158119	1
CG31809	9.00524	-0.06809	0.375511	1	1
ScIB	1.050014	-0.16342	0.637442	0.408669	1
CG44405	178.9833	0.002244	0.170266	1	1
firl	62.21483	0.17141	0.232033	1	1
CG42792	6.391661	-0.04922	0.4096	1	1
CG42876	0.721788	0.120753	0.643124	0.460877	1
CG4587	13.10713	-0.02002	0.356676	1	1
CG44869	46.25796	-0.8334	0.406724	0.490519	1
CG44008	49.00657	0.025597	0.253551	1	1
CG45012	0.838672	-0.0184	0.563402	1	1
CG45011	3.954704	0.008587	0.595267	1	1
CG44477	1.518239	0.053508	0.54434	0.983893	1
side-II	119.1832	-0.32702	0.198182	1	1
CG34166	91.63434	-1.25159	0.386383	0.116068	1
CG34165	0.419336	-0.01009	0.60003	1	1
cana	1454.555	0.652986	0.095732	1	1
CG33648	0.268107	-0.04679	0.619605	0.793673	1
CG45690	9.904853	0.118823	0.389683	1	1
CG9515	119.3781	-0.05343	0.196083	1	1
CG34398	42.66379	-0.15177	0.261298	1	1
CG42713	2.030357	0.20505	0.627192	0.387087	1
CG45307	5.544591	0.130524	0.464328	1	1
Pp2A-29B	1802.898	0.034862	0.088572	1	1
mon2	533.3028	0.04147	0.123805	1	1
Pvf3	5.613771	0.027682	0.43053	1	1

Ddr	7.289574	0.493813	0.589723	0.347494	1
CG44574	0.530786	0.084679	0.626577	0.594554	1
Cyp6a16	2.344435	-0.20536	0.547659	0.579642	1
Drgx	8.818938	0.055744	0.386085	1	1
CG42460	0.467356	0.047016	0.609187	0.82159	1
CG43402	336.2946	0.006833	0.128166	1	1
CG43401	22.30931	0.128574	0.332915	1	1
Coa7	214.5238	0.054458	0.149353	1	1
CG45154	311.4273	0.067297	0.14503	1	1
CG34120	1155.287	-0.20793	0.111687	1	1
Sdic4	210.0708	-0.15746	0.211149	1	1
CG34331	20.03673	0.351341	0.38393	1	1
Dop2R	21.61638	0.328355	0.355948	1	1
CG45487	0.270402	-0.00449	0.605571	1	1
CG45486	45.97857	-0.07442	0.249041	1	1
CG34330	64.31364	0.060552	0.226382	1	1
CG34325	497.8267	0.055878	0.121271	1	1
CG44428	13.44509	-0.07119	0.35135	1	1
CG44437	182.4118	1.123899	0.220474	0.255902	1
Lgr4	3.260134	-0.11462	0.467375	1	1
CG45603	932.1067	0.040694	0.104773	1	1
Muc11A	1.033332	-0.02193	0.545843	1	1
CG44385	240.0583	0.548536	0.161388	1	1
CG43901	3.164768	-0.17776	0.526606	0.688601	1
RhoU	19.15388	0.133991	0.334374	1	1
CG44815	4.188682	0.136213	0.467338	1	1
CG44532	2.346879	-0.33242	0.715048	0.221413	1
CG44329	89.69333	-0.67446	0.269552	1	1
Vsx2	2.879224	0.125068	0.487754	0.965733	1
CG42246	74.2286	1.062726	0.329644	0.302149	1
CG43736	340.0951	0.128758	0.127461	1	1
CG42594	9.7628	-0.10241	0.373405	1	1
CG44303	7.711458	-0.01031	0.385287	1	1
CG42240	268.3091	0.244986	0.206302	1	1
trol	303.1689	-0.28404	0.168133	1	1
SmydA-8	12.67505	-0.10311	0.354762	1	1
Nmdar2	2.139615	0.178754	0.576962	0.525242	1
tyn	29.19793	0.007834	0.282666	1	1
RhoGAP1A	133.8047	-0.18911	0.176691	1	1
CG17707	11.4225	0.067424	0.366707	1	1
uex	326.7394	0.099367	0.135118	1	1
CG17162	2.575301	0.177434	0.59137	0.490124	1
Maf1	407.634	0.3083	0.134414	1	1
CG17167	46.623	0.239677	0.261254	1	1
CG42402	25.21026	-0.14439	0.319638	1	1
Tim17b	777.6343	-0.33456	0.127319	1	1
vtd	605.6901	-0.22256	0.125586	1	1
UQCR-11	318.7963	-0.34062	0.150941	1	1
ND-AGGG	106.2227	0.095174	0.375849	1	1
Yeti	712.6125	-0.31618	0.113104	1	1

rl	129.6792	-0.28625	0.217108	1	1
CG40498	5.359465	0.109396	0.426306	1	1
CG12567	202.3796	0.024559	0.149897	1	1
CG45073	0.340754	-0.0258	0.610211	0.967581	1
CG45072	1.461265	-0.26175	0.72816	0.227521	1
kay	210.4804	0.011524	0.1598	1	1
CG34353	13.44875	-0.40799	0.464532	0.730101	1
CG44290	14.58389	1.178903	0.711023	0.077854	1
CG34293	58.81603	-0.62667	0.286926	1	1
CG6051	1114.679	-0.03517	0.144593	1	1
CG33970	458.6529	-0.07553	0.129092	1	1
CG45095	2.695637	0.018096	0.467743	1	1
CG43222	1447.858	-0.07217	0.088541	1	1
CG45049	215.9881	-0.12012	0.148991	1	1
MtnE	1.157364	0.012345	0.52186	1	1
Gfrl	7.339884	0.118855	0.408531	1	1
CG43175	60.26397	-0.43366	0.267297	1	1
CG45079	0.82825	0.153129	0.638241	0.419881	1
CG45218	3.298815	-0.05178	0.45078	1	1
CG6966	356.2701	0.431117	0.149062	1	1
Rrp6	3092.456	0.533868	0.092751	1	1
kibra	78.93629	0.379027	0.248598	1	1
CG34402	3.185416	-0.28871	0.609323	0.370735	1
CG42394	151.0779	-0.31826	0.181941	1	1
CG44261	126.8602	-0.45127	0.20747	1	1
CG43675	323.3359	0.054532	0.137825	1	1
CG45050	431.9801	0.149735	0.13263	1	1
CG45545	4.69399	0.071799	0.436203	1	1
dpr16	141.9404	-0.18264	0.182497	1	1
CG45428	261.8905	0.247236	0.154817	1	1
CG45116	6.144871	0.010447	0.401424	1	1
Sfp77F	10.54221	0.028596	0.566238	1	1
CG9449	1154.963	-0.38161	0.097999	1	1
CG45081	0.169892	0.02982	0.611184	0.934191	1
CG43407	0.857335	-0.02297	0.550357	1	1
CG44004	99.03879	0.325484	0.208454	1	1
CG34250	35.41436	-0.39564	0.310948	1	1
CG34452	0.857618	-0.07893	0.57766	0.756569	1
gdl	282.7742	0.137465	0.148991	1	1
Sfp70A4	5.268668	0.021714	0.597656	1	1
CG12520	3.499724	0.045768	0.453374	1	1
CG33725	7.097234	0.189609	0.434808	1	1
CG43064	0.292188	-0.04954	0.621123	0.77256	1
CG44521	131.6328	0.027989	0.197183	1	1
CG43089	833.8576	0.142391	0.110574	1	1
CG40198	0.292188	-0.04954	0.621123	0.77256	1
Dbp80	701.0041	0.057469	0.108962	1	1
CG40228	133.9018	-0.15295	0.184217	1	1
CG40160	117.6875	-0.62065	0.219254	1	1
CG40178	207.4492	0.114355	0.177587	1	1

eIF4B	6.397398	0.158649	0.433597	1	1
Scp1	8.196652	0.035802	0.378367	1	1
CG41378	203.4247	-0.1626	0.160241	1	1
MFS17	149.8253	-0.00278	0.173449	1	1
CG17684	67.53091	-0.15586	0.232186	1	1
CG40191	383.792	-0.32395	0.131265	1	1
CG34041	8.482399	0.40311	0.618818	0.320385	1
CG15515	31.36975	0.760996	0.414288	0.560053	1
CG7568	7.216297	0.093479	0.398709	1	1
jus	7.757526	-0.21568	0.44168	1	1
CG43935	1626.861	0.285497	0.102808	1	1
CG42789	12.53956	0.046392	0.54676	1	1
Gba1b	49.98579	0.097839	0.252325	1	1
CG43694	166.3662	-0.01703	0.169926	1	1
Cow	20.92456	-0.38302	0.381527	1	1
Lrrk	86.52113	-0.21641	0.218101	1	1
CG15923	0.19466	-0.00449	0.605571	1	1
CG34286	440.0046	0.74504	0.141044	1	1
CG44174	98.08149	0.996067	0.257814	0.497251	1
Dys	247.4034	-0.39189	0.163743	1	1
Vti1b	104.2118	-1.00834	0.246355	0.485609	1
CG44158	451.3594	-0.05673	0.127089	1	1
Rim	69.20377	-0.3058	0.246361	1	1
CG44090	4.03158	0.106434	0.479211	1	1
CG42798	9.084531	0.077969	0.399001	1	1
CG42342	86.05318	-1.39114	0.297477	0.044575	1
CG44044	10.75676	0.41213	0.473541	0.692386	1
CG34276	0.551896	0.073725	0.631918	0.620968	1
CG44013	0.948962	0.174223	0.671391	0.33971	1
CG44040	2.466757	-0.06185	0.497637	1	1
btsz	212.8211	-0.39013	0.174724	1	1
CG31157	5.134003	0.016632	0.436804	1	1
CG44142	0.146094	-0.0258	0.610211	0.967585	1
CG44038	0.136348	0.016718	0.607437	1	1
CG44037	100.2992	0.771302	0.245647	1	1
Glut4EF	44.94017	0.040459	0.26042	1	1
CG44227	58.77193	0.391983	0.288411	1	1
CG42489	19.17581	0.084106	0.321401	1	1
CG43254	16.66582	0.012743	0.594874	1	1
gfzf	287.3851	-0.03123	0.131655	1	1
CG44088	85.13491	0.563503	0.237836	1	1
CG40045	491.7136	-0.19073	0.126433	1	1
CG17698	81.99744	-0.30098	0.230508	1	1
CG17454	383.2419	-0.4673	0.155066	1	1
CG43895	11.84843	0.070515	0.385186	1	1
Sfp78E	10.23048	0.007062	0.594321	1	1
Wnk	678.5781	0.055107	0.122728	1	1
CG43702	331.6747	1.126253	0.162565	0.22764	1
CG43938	0.275948	0.042618	0.616394	0.829472	1
CG12983	3168.427	-0.09605	0.089137	1	1

CG43931	4.480558	0.045588	0.608878	0.831313	1
CG42764	455.331	0.485639	0.132309	1	1
CG17147	12.11147	-0.319	0.421252	1	1
CG42654	82.95184	0.66952	0.249414	1	1
Usp32	489.4291	0.027952	0.125656	1	1
Cpr76Bd	3.600878	-0.21673	0.572828	0.495716	1
Cpr76Bc	6.044111	0.040796	0.412669	1	1
CG44005	0.424729	0.059923	0.627155	0.69749	1
CG44006	17.10092	-0.1215	0.32897	1	1
pHCl-1	44.94486	0.533246	0.328653	1	1
CG43085	16.17822	0.373988	0.396776	1	1
CG42570	1785.757	0.458191	0.096287	1	1
CG43248	4.813823	0.110321	0.443828	1	1
Plp	124.5261	-0.30121	0.204014	1	1
CG43679	2.786258	-0.46496	0.877932	0.114465	1
CG43678	2.865113	0.038425	0.471408	1	1
CG33061	450.3809	0.576566	0.123741	1	1
CG34244	2.020422	0.105914	0.50846	0.922048	1
CG14117	95.33624	0.538029	0.226626	1	1
CG43638	3426.082	0.64625	0.097113	1	1
CG43993	2.204879	0.006888	0.59608	1	1
CG43245	3.801671	-0.18091	0.521479	0.703672	1
CG34001	76.41364	0.779068	0.30363	0.871728	1
bma	16.98521	-0.15953	0.34731	1	1
CG43783	2123.41	0.737673	0.112482	1	1
CG34461	0.19466	-0.00449	0.605571	1	1
CG43886	7.116774	-0.06048	0.38868	1	1
CG42445	34.95659	-0.32097	0.30364	1	1
CG43880	268.3053	1.011382	0.163587	0.599127	1
Snmp2	12.12105	-0.09286	0.360592	1	1
CG44195	1.171776	-0.00909	0.525442	1	1
CG33523	3368.998	0.087868	0.073146	1	1
CG13288	25.48474	1.175038	0.566213	0.111555	1
nab	13.948	0.744119	0.600063	0.25488	1
CG43915	120.6517	1.056573	0.281433	0.349827	1
CG42525	5.742962	0.292218	0.50943	0.637349	1
CG42841	870.0211	-0.13831	0.115197	1	1
Mid1	34.98527	0.168723	0.298082	1	1
CG43659	0.662015	0.056626	0.59705	0.801244	1
CG42694	284.3942	-0.126	0.135905	1	1
CG43982	0.169892	0.02982	0.611184	0.934191	1
CG44163	340.3324	0.783986	0.151909	1	1
CG43742	55.40469	0.329197	0.269723	1	1
CG43668	68.57846	0.219565	0.228226	1	1
CG43677	3.894356	0.195091	0.493747	0.799997	1
CG43711	1.913667	0.210316	0.662794	0.325619	1
CG42691	545.3589	0.146597	0.116455	1	1
CG14499	0.956556	-0.18475	0.668218	0.335889	1
ste24c	16.33862	0.005061	0.33448	1	1
CG43789	0.923618	-0.00731	0.556998	1	1

Sema2b	28.35431	0.255661	0.309576	1	1
CG30471	4.38882	0.21754	0.483511	0.816383	1
CG43829	1.003665	0.181531	0.690295	0.306426	1
CG43919	84.50466	0.239262	0.214935	1	1
SLO2	30.39135	-0.02007	0.286238	1	1
Vmat	18.83774	0.130097	0.337496	1	1
CG13954	18.40223	0.205821	0.344811	1	1
CG1701	6.756605	0.001949	0.576802	1	1
CG43647	19.68108	0.302681	0.372384	1	1
CG43646	0.525393	0.00254	0.587883	1	1
mim	225.4456	-0.13413	0.170118	1	1
Nipped-B	927.9226	0.287368	0.124146	1	1
CG17883	486.7671	-0.06001	0.144726	1	1
RpL38	1549.565	-0.37866	0.118588	1	1
Cht10	117.8297	0.851022	0.252484	0.889384	1
RNASEK	395.9912	-0.18888	0.142666	1	1
cta	109.0693	-0.4082	0.22817	1	1
lt	458.0704	-0.28339	0.133541	1	1
CG17493	270.9832	0.394667	0.152687	1	1
CG41434	13.86224	0.070365	0.363231	1	1
CG31687	12.91779	-0.13774	0.371827	1	1
Sfp38D	1.85263	0.032749	0.528628	1	1
CG42688	7487.934	-0.14274	0.08067	1	1
CG43814	16.32518	0.294985	0.388822	1	1
CG43220	0.768893	0.018037	0.543373	1	1
CG43760	555.6108	0.190609	0.12832	1	1
CG43925	3.040778	-0.06875	0.459756	1	1
Ttc30	5.182724	0.325326	0.544955	0.503438	1
CG34163	22.62215	-0.0418	0.335347	1	1
CG43725	1.557593	0.374105	0.873264	0.122761	1
CG34367	195.1795	0.969667	0.217178	0.643664	1
CG44153	20.16913	-0.04844	0.322116	1	1
CG43350	5.613845	0.032862	0.60172	0.936103	1
CG43796	464.7835	-0.01561	0.11779	1	1
CG43057	5.637442	0.008455	0.594871	1	1
CG43800	887.5051	1.047703	0.173636	0.453827	1
CG43922	625.5076	0.620948	0.120962	1	1
Tsp26A	115.2899	0.08953	0.185352	1	1
Sfp26Ad	72.52822	0.149042	0.428928	1	1
Msp300	3484.49	0.74908	0.303932	0.93524	1
CG34126	203.8597	-0.17808	0.175238	1	1
CG42523	4038.559	0.211579	0.081374	1	1
CG34351	7.6344	0.081014	0.402917	1	1
CG43798	0.294614	0.008289	0.605317	1	1
dpy	143.3928	-0.02754	0.187671	1	1
eyes	16.05388	-0.10125	0.335405	1	1
CG34172	20.12841	0.399455	0.395773	1	1
CG43703	0.124722	-0.0258	0.610211	0.967585	1
dpr3	381.4482	0.177617	0.12858	1	1
CG43815	21.12711	0.558836	0.46202	0.625407	1

CG15412	17.43297	0.239836	0.351834	1	1
Gr22d	0.999016	-0.07158	0.560711	0.842363	1
CG43349	2.216074	0.142851	0.519657	0.779093	1
CG43348	7.280774	-0.61165	0.727499	0.172458	1
capt	681.7903	-0.28076	0.125989	1	1
PNUTS	390.4709	-0.15296	0.119653	1	1
CG15394	233.4905	-0.27358	0.170553	1	1
CG44139	0.249444	-0.04453	0.618442	0.811316	1
CG34447	2.528776	0.001811	0.496427	1	1
CG43750	1485.265	0.031074	0.083966	1	1
Rab21	106.9313	-0.20413	0.194618	1	1
bbx	1.05217	0.088037	0.55745	0.788165	1
RunxB	1.753608	0.029407	0.519688	1	1
CoRest	474.7057	-0.18329	0.123133	1	1
CG43843	227.323	-0.56275	0.204292	1	1
CG33639	8.197613	-0.31686	0.490797	0.690909	1
CG43997	169.8286	1.154047	0.210294	0.202236	1
CG9921	217.1141	0.107395	0.161928	1	1
CG9915	170.3999	-0.7696	0.176296	1	1
CG10352	78.3344	0.207185	0.217567	1	1
CG12645	33.09916	-0.01794	0.283369	1	1
CG12659	35.99241	-0.36272	0.316238	1	1
CG14052	8.82407	-0.12047	0.393108	1	1
Hr4	6.766434	0.097373	0.420904	1	1
CG13376	0.490141	0.075684	0.611695	0.669307	1
fuss	9.831167	0.157487	0.381654	1	1
CG33978	10.43091	-0.15483	0.385193	1	1
CG34112	3.49999	-0.05875	0.441242	1	1
CG34031	3.395255	-0.04864	0.456531	1	1
CG43329	756.475	-0.16704	0.102753	1	1
CG43330	20.93012	-0.37188	0.386021	1	1
CG43331	720.8332	-0.10372	0.104797	1	1
CG43312	152.5644	-0.37188	0.179326	1	1
CG43218	6.019908	0.070917	0.407978	1	1
CG43072	490.2269	-0.06628	0.111605	1	1
cmpy	0.656739	-0.02015	0.57064	1	1
CG14074	39.53375	-0.73352	0.354703	0.773271	1
CG43049	502.035	0.59949	0.1283	1	1
CG43206	411.8241	-0.25559	0.134447	1	1
CG43249	223.2212	-1.02587	0.163966	0.540652	1
CG43295	5.868965	0.162899	0.427345	1	1
CG43082	1.18308	-0.05437	0.532084	1	1
CG43083	0.09733	-0.00449	0.605571	1	1
CG43121	1664.944	0.018328	0.090114	1	1
CG43246	342.1435	0.69854	0.164102	1	1
CG43120	4.51347	0.029251	0.469323	1	1
nuf	392.3841	0.400041	0.13361	1	1
CG43184	1.233969	0.070705	0.547732	0.891209	1
CG7368	6.353133	0.293995	0.504993	0.652569	1
CG43169	851.3752	0.160475	0.111426	1	1

CG43059	602.9038	0.654457	0.134691	1	1
CG43292	308.3663	1.17908	0.180978	0.145906	1
CG43168	1041.495	0.427067	0.108417	1	1
CG43293	629.3315	0.854548	0.150556	1	1
CG43098	261.7174	0.088633	0.169049	1	1
CG43074	2.548982	-0.25374	0.671011	0.291605	1
CG43389	1.321738	0.096667	0.535756	0.837507	1
CG45066	932.4363	0.961495	0.110053	1	1
Mrtf	130.2245	0.58676	0.251589	1	1
CG43106	403.2022	0.740757	0.148915	1	1
CG34038	1.280348	-0.10647	0.549582	0.755373	1
Tpc2	604.5954	0.3164	0.118225	1	1
SIFa	11.95878	0.13306	0.359749	1	1
CG43209	850.5155	0.306224	0.099136	1	1
HP1Lcsd	51.71579	-0.25717	0.261026	1	1
CG43207	120.3431	-0.96595	0.259387	0.56528	1
stl	23.56754	-0.12918	0.316643	1	1
CG43393	114.3511	1.376787	0.281574	0.045693	1
CG43277	794.6798	0.219537	0.102248	1	1
CG43111	12.70335	0.15476	0.43981	1	1
CG43351	6.392152	-0.6104	0.730235	0.170811	1
CG43069	475.9705	0.596771	0.14804	1	1
CG43202	0.249444	-0.04453	0.618442	0.811316	1
CG14505	761.9982	-0.23892	0.113184	1	1
CG43324	24.55925	-0.0343	0.302783	1	1
nw	0.86344	-0.05639	0.569272	0.886451	1
CG43108	761.2706	0.599658	0.110432	1	1
CG43237	778.0467	0.158766	0.106142	1	1
CG43103	60.43793	-0.67598	0.284855	1	1
CG43371	207.625	-0.03082	0.167783	1	1
CG34433	349.4697	1.071475	0.157338	0.377814	1
CG34300	294.3801	0.75089	0.154341	1	1
CG34299	4.035427	0.03207	0.601901	0.941301	1
CG43125	0.844769	0.120578	0.621057	0.511384	1
CG43139	8.519629	0.110623	0.386199	1	1
CG43447	48.42842	0.640655	0.320001	1	1
CG43068	506.8055	0.75073	0.127861	1	1
lh	122.1136	0.065514	0.205269	1	1
CG43101	2.326597	-0.11675	0.674651	0.401073	1
CG43117	5.334107	0.089906	0.418263	1	1
CG43116	1.035369	-0.09913	0.567674	0.716434	1
CG43192	83.64408	0.533121	0.247437	1	1
CG13639	0.589228	0.014117	0.58199	1	1
CG43204	7.120265	-0.02821	0.391688	1	1
CG43315	6.450005	0.573062	0.728008	0.17705	1
CG43191	10.0988	0.030997	0.375038	1	1
CG43190	5.955829	0.171693	0.443523	1	1
CG43189	59.87754	0.264438	0.24247	1	1
CG43188	91.7257	1.17302	0.279242	0.186264	1
CG43396	14.32832	0.263406	0.405998	1	1

CG43095	0.697425	0.117781	0.641427	0.470399	1
CG43093	0.78023	0.043237	0.562694	0.97921	1
CG43092	0.272696	0.042244	0.616213	0.832444	1
CG43091	3.244954	0.219516	0.509819	0.700051	1
CG43342	25.86674	-0.43113	0.366533	1	1
CG43446	8.067508	-0.07046	0.385675	1	1
CG43183	664.5194	0.966906	0.127296	0.913758	1
CG43296	195.942	0.15271	0.164565	1	1
CG17190	47.62029	-0.60672	0.306563	1	1
CG43203	402.5812	-0.39603	0.129565	1	1
CG43267	1.098903	0.075847	0.57598	0.774432	1
CG43123	4.05086	0.111011	0.490336	0.991471	1
CG33914	1.359924	0.084235	0.527894	0.912226	1
Stlk	205.6883	0.063429	0.172329	1	1
CG43318	512.7935	0.247031	0.129795	1	1
CG17715	1.034938	-0.02562	0.543688	1	1
CG43336	2.452718	0.281389	0.655594	0.300594	1
CG43335	3.127593	-0.16082	0.516681	0.756045	1
CG43179	3.287161	-0.45263	0.817222	0.13952	1
PK1-R	8.459049	0.203002	0.420901	1	1
side-IV	14.11291	-0.03558	0.349499	1	1
CG43063	3.296709	0.04437	0.608765	0.83931	1
CG43354	0.838672	-0.0184	0.563402	1	1
CG43630	1.067033	0.079214	0.5538	0.834345	1
CG43362	0.084946	0.016718	0.607437	1	1
CG43450	142.1438	0.731119	0.233649	1	1
CG43231	162.7522	0.255727	0.170042	1	1
CG43054	164.5305	0.802772	0.209182	1	1
CG43062	193.9373	0.72074	0.180323	1	1
CG43449	568.8504	-0.15476	0.116535	1	1
Skeletor	12.69669	0.04983	0.367682	1	1
CG43321	572.6681	0.237626	0.123256	1	1
CG43230	38.53242	0.27201	0.290149	1	1
CG43376	35.80566	-0.47971	0.333794	1	1
CG43052	332.7458	0.313358	0.137018	1	1
CG43050	316.0002	0.916735	0.163376	1	1
CG43307	0.419336	-0.01009	0.60003	1	1
CG43167	201.8916	0.566438	0.189763	1	1
CG43438	11.25949	0.123505	0.36473	1	1
CG43153	0.801341	0.038435	0.573982	0.974462	1
CG43061	0.389319	-0.00449	0.605571	1	1
CG43060	4.793601	-0.06635	0.426269	1	1
Sfp24F	21.65217	0.174314	0.360213	1	1
CG43056	1.133286	-0.01081	0.547176	1	1
CG43055	0.545392	0.072742	0.63174	0.625478	1
CG43290	646.2749	0.602787	0.120114	1	1
CG43145	2.624133	0.015415	0.597145	1	1
Acp24A4	0.19466	-0.00449	0.605571	1	1
CG43400	27.7565	-0.02488	0.28535	1	1
CG11000	43.83091	0.093742	0.257589	1	1

CG43235	0.864326	-0.17018	0.673721	0.339605	1
CG43229	6.623974	-0.365	0.499647	0.626809	1
CG43133	0.840833	0.037627	0.558013	1	1
CG43076	404.8802	0.564199	0.123657	1	1
CG43075	546.51	1.106186	0.140229	0.256869	1
CG43088	145.491	-0.72305	0.21608	1	1
CG43156	0.405591	-0.02658	0.607957	0.966963	1
CG43138	322.4477	-0.22335	0.144792	1	1
CG43198	32.6314	0.629024	0.373397	0.865361	1
CG43115	277.9606	0.368403	0.136823	1	1
CG43137	132.8496	0.337588	0.193819	1	1
CG43136	234.6911	1.103783	0.175727	0.289844	1
CG12688	11.08239	-0.00121	0.359795	1	1
CG43135	2.851408	1.269603	1.740182	0.014141	1
CG43288	79.48751	1.03157	0.328431	0.345548	1
futsch	23.27797	-0.28901	0.345752	1	1
CG42259	16.72847	-0.68081	0.498488	0.441879	1
CG43182	4.812544	-0.12211	0.42743	1	1
CG17636	204.4427	-0.07968	0.147735	1	1
Cadps	156.8381	0.246444	0.181906	1	1
Mitf	260.2781	0.646194	0.17885	1	1
CG33521	70.5246	-0.21891	0.237303	1	1
CG17163	41.09237	0.010622	0.253221	1	1
RpL15	3097.991	-0.43568	0.095363	1	1
CG42693	141.4157	-0.00483	0.181037	1	1
CG42814	217.5028	0.795991	0.207896	1	1
CG42811	0.124722	-0.0258	0.610211	0.967585	1
CG42828	51.47664	1.222217	0.39044	0.132533	1
CG42870	179.5789	-0.96918	0.219711	0.639483	1
CG42869	1.32559	0.242058	0.757897	0.207096	1
CG42834	4.037167	0.099401	0.447386	1	1
CG42822	124.014	-0.61406	0.220886	1	1
CG42824	0.965533	0.064268	0.560405	0.876423	1
CG42778	110.0501	1.183881	0.246704	0.171017	1
CG42759	1.328403	0.003956	0.524643	1	1
CG42857	413.9551	-0.63571	0.189341	1	1
CG42656	3.491626	-0.127	0.487932	0.959929	1
CG42650	673.0675	0.336359	0.150576	1	1
CG34357	16.42046	-0.1125	0.341391	1	1
tub	196.8912	-0.07896	0.15001	1	1
CG42833	1.104296	0.166606	0.690653	0.316966	1
CG42853	2860.444	0.76604	0.100445	1	1
Jon74E	3.921326	0.078492	0.455947	1	1
CG17732	46.07052	-0.11998	0.261148	1	1
CG42655	94.74094	0.429463	0.243701	1	1
CG42718	0.292188	-0.04954	0.621123	0.77256	1
CG13071	1.983298	0.058043	0.522948	1	1
CG42728	0.19466	-0.00449	0.605571	1	1
CG34245	413.9207	0.789785	0.133947	1	1
CG42758	1256.93	0.044321	0.092318	1	1

CG42832	0.19466	-0.00449	0.605571	1	1
CG42826	0.687528	-0.09801	0.612616	0.589095	1
CG42714	66.69854	-0.13619	0.22749	1	1
Mzt1	382.4854	0.073555	0.139908	1	1
CG42806	135.0384	-0.29886	0.195224	1	1
CG42808	5.334759	-0.03275	0.417286	1	1
CG42846	87.6172	-0.22062	0.2258	1	1
CG30054	52.46702	-0.24406	0.252032	1	1
CG42851	624.6503	0.074587	0.117587	1	1
CG42867	5.673879	-0.07704	0.411827	1	1
CG42753	400.3102	-0.16325	0.127379	1	1
CG18605	332.7613	-0.19003	0.133865	1	1
CG42855	1674.643	0.146858	0.092081	1	1
CG42697	483.6591	-0.20484	0.112996	1	1
CG34212	3.803991	0.199818	0.489743	0.81147	1
dunk	1.582046	-0.1163	0.549493	0.728068	1
Acp53C14c	5.716994	0.002995	0.594432	1	1
CG44242	429.8116	-0.26057	0.13726	1	1
CG42866	2.885849	-0.11993	0.501576	0.91344	1
lectin-37Db	1.887235	-0.02747	0.492386	1	1
lectin-37Da	0.19466	-0.00449	0.605571	1	1
CG30082	7.199627	0.233026	0.449747	0.963529	1
CG42752	334.257	0.582213	0.156698	1	1
CG42659	2230.74	-0.41636	0.086033	1	1
CG42830	686.0708	1.176152	0.16045	0.130629	1
CG31808	6.296041	0.455191	0.609658	0.323425	1
CG42818	3.176245	0.831937	1.389023	0.030023	1
Oaz	2.522536	0.080857	0.489722	1	1
CG42682	2.321501	-0.00206	0.596059	1	1
CG42681	0.275948	0.042618	0.616394	0.829472	1
CG42680	0.584539	-0.06479	0.59659	0.761227	1
CG42692	522.7725	0.581723	0.138711	1	1
CG42711	11.65301	0.259757	0.413241	1	1
CG42751	1.738894	0.161004	0.593792	0.506065	1
SmB	192.2237	-0.72166	0.187724	1	1
CG42847	1926.098	0.342125	0.101821	1	1
CG42819	6.944423	-0.1948	0.427141	1	1
CG42710	734.9866	0.213907	0.11268	1	1
d	24.46447	0.230417	0.321678	1	1
CG42762	0.657426	-0.06348	0.602053	0.751604	1
CG42658	200.9693	0.702606	0.171851	1	1
CG42854	180.4202	-0.72949	0.192345	1	1
CG42766	164.7882	1.179265	0.216653	0.167618	1
CG42704	3.39743	0.13224	0.472735	1	1
CG42781	100.1066	-0.20749	0.211452	1	1
CG41520	565.6271	1.013094	0.143629	0.620937	1
Gfat1	57.94022	-0.3669	0.283674	1	1
CG42495	13.3448	-0.27522	0.386629	1	1
CG34251	2.345657	0.219823	0.592186	0.446034	1
scaf6	253.8144	-0.28747	0.155489	1	1

CG42538	0.687444	-0.05424	0.575495	0.878384	1
CG42571	142.5731	0.732841	0.206434	1	1
CG43127	780.1874	-0.10055	0.106433	1	1
CG42536	526.8861	1.0292	0.141577	0.547795	1
CG42521	3424.232	-0.55692	0.102791	1	1
CG42526	43.70817	-0.14796	0.262733	1	1
CG42591	113.4023	-0.26788	0.241051	1	1
CG42590	297.4144	0.51453	0.16662	1	1
Sfp65A	11.81557	-0.0199	0.596542	1	1
CG33993	4.458709	0.120485	0.438214	1	1
CG34342	1.185338	0.186107	0.647347	0.367949	1
CG15012	494.4602	-0.01805	0.113797	1	1
CG42554	426.1382	0.82538	0.151088	1	1
CG42560	10.69559	-0.12842	0.384494	1	1
CG34423	8.606388	0.043395	0.378868	1	1
CG44253	55.07614	0.821026	0.336818	0.678325	1
CG42518	0.645797	0.054752	0.563867	0.912172	1
CG42561	3.919406	-0.10228	0.45412	1	1
Sfp51E	13.97751	0.012329	0.594866	1	1
CG42493	428.7572	0.412194	0.144595	1	1
Pex6	254.9959	-0.23332	0.140142	1	1
CG30002	21.07171	0.114137	0.314679	1	1
Spn42Dd	94.81596	0.005586	0.202683	1	1
CG42597	589.7652	0.679037	0.121599	1	1
Mst36Fb	3535.015	-0.18255	0.077707	1	1
CG42556	2662.787	0.164365	0.083178	1	1
Skadu	749.0659	0.803448	0.120837	1	1
CG42587	12.48728	-0.03418	0.351431	1	1
Eato	853.7733	0.096222	0.09551	1	1
Sfp33A2	2.906363	0.016751	0.597178	1	1
Sfp33A1	4.846077	0.047338	0.561641	0.959215	1
CG42471	4.443725	0.073286	0.63176	0.623188	1
CG42470	5.91805	0.070554	0.440012	1	1
dpr2	18.59961	-0.00031	0.331583	1	1
CG34161	1156.89	0.213836	0.114496	1	1
Sfp26Ac	2.123789	0.004282	0.503011	1	1
CG42467	0.254838	0.04167	0.61594	0.837012	1
Sfp24C1	6.367571	0.025332	0.598621	0.999193	1
CG42465	1.512846	0.003251	0.533532	1	1
CG17169	0.413131	0.043608	0.614128	0.829289	1
Sfp24Bb	0.19466	-0.00449	0.605571	1	1
Sfp24Ba	1.100213	-0.01904	0.520198	1	1
CG42598	0.146094	-0.0258	0.610211	0.967585	1
Sfp23F	2.391295	-0.01035	0.596294	1	1
Set1	276.2557	-0.03552	0.136905	1	1
CG40472	18.33019	0.127648	0.36789	1	1
ARY	565.312	0.293025	0.13048	1	1
CG17514	474.9765	-0.16298	0.134847	1	1
dpr21	6.219447	0.521339	0.614212	0.301639	1
CG42579	13.90692	-0.27347	0.392174	1	1

CG42580	57.5743	-0.30038	0.241236	1	1
CG42578	8.974391	-0.08625	0.394542	1	1
CG42577	34.53092	-0.18905	0.290423	1	1
CG42583	2.233722	-0.00403	0.492861	1	1
CG42581	4.284911	-0.14879	0.466974	1	1
CG42592	121.4996	1.203683	0.238789	0.146166	1
CG33203	4.930908	0.027593	0.432139	1	1
Sfp96F	4.714994	0.040338	0.605759	0.873801	1
inaF-B	0.22538	0.016717	0.607437	1	1
CG34034	26.88477	-1.3251	0.511678	0.074433	1
Sfp93F	2.666926	-0.16991	0.574986	0.542419	1
Ada2a	26.94441	-0.56693	0.418937	0.765981	1
natalisin	1.427947	0.052576	0.538307	1	1
Sfp87B	0.700205	-0.01428	0.568204	1	1
side-VI	20.32089	-0.12285	0.333989	1	1
CG42633	2.865729	0.044568	0.449226	1	1
Kmn2	9.627793	0.15889	0.397757	1	1
Sfp84E	3.774467	0.050826	0.612744	0.788669	1
AGO3	286.524	0.082026	0.164431	1	1
CG42323	7.326291	-0.18297	0.414833	1	1
CG43996	184.0753	0.738772	0.173031	1	1
CG42395	227.8214	-0.09463	0.156741	1	1
Ir7f	0.291989	-0.00449	0.605571	1	1
Ir7d	0.414202	-0.06644	0.627939	0.663617	1
CG42376	59.29446	-0.07095	0.228715	1	1
CG34347	43.34907	0.219903	0.272619	1	1
Ir94d	9.980754	0.007761	0.400985	1	1
CG31178	5465.661	-0.08337	0.074068	1	1
CG31266	1.714537	0.175701	0.586598	0.504087	1
CG42232	1750.847	0.936904	0.105059	1	1
CG43317	511.1475	0.357538	0.122979	1	1
NijC	24.25743	0.497726	0.416291	0.849458	1
CG33287	1065.288	1.155524	0.134567	0.131572	1
CG42263	507.0501	0.646344	0.146693	1	1
CG42393	4676.309	0.474839	0.115563	1	1
Ir75b	1.777604	0.029734	0.507801	1	1
CG34242	82.4584	0.041472	0.209285	1	1
mfr	368.5963	0.848195	0.152085	1	1
PGRP-LD	0.510461	0.055629	0.598199	0.803265	1
Gr63a	10.07187	0.226941	0.418648	1	1
CG10359	40.50685	0.52085	0.32798	1	1
ddbt	357.9954	0.73667	0.152578	1	1
CG42266	1683.641	-0.12242	0.081474	1	1
DIP-epsilon	30.01164	0.577274	0.402736	0.816502	1
halo	4.148959	-0.01299	0.439962	1	1
Ir60d	0.272696	0.042244	0.616213	0.832444	1
Ir60b	6.682069	0.037866	0.407196	1	1
CG42364	97.94624	0.510605	0.243478	1	1
BBS9	1.119506	-0.07744	0.557157	0.829845	1
CG44433	2238.675	-0.13584	0.085353	1	1

CG4975	2.188616	0.194817	0.550057	0.584008	1
CG42239	282.2569	-0.01113	0.142709	1	1
CG42391	186.5906	0.392065	0.177783	1	1
CG42287	249.6962	0.336077	0.155236	1	1
SteXh:CG42398	2.996495	0.016973	0.467138	1	1
CG12061	461.2901	0.403574	0.123791	1	1
Alg-2	307.6222	-0.25139	0.176021	1	1
Parp	709.0673	0.063125	0.145331	1	1
CG41099	579.4728	0.105266	0.12713	1	1
CG41284	0.310326	0.029819	0.611184	0.934194	1
scro	12.82384	0.534442	0.517813	0.484273	1
kl-3	164.3252	0.136629	0.184557	1	1
ATbp	82.12229	0.571649	0.252459	1	1
su(f)	128.7162	-0.19411	0.181358	1	1
l(2)41Ab	1211.485	0.549462	0.139748	1	1
Gpb5	2.252068	-0.00971	0.491687	1	1
CG40635	5.558657	-0.16803	0.434199	1	1
PRY	51.13767	0.335231	0.291981	1	1
JYalpha	1132.677	0.597411	0.107972	1	1
CG41562	91.47523	-0.52994	0.264315	1	1
CG41561	900.759	0.061775	0.109067	1	1
CG40813	8.94729	-0.32832	0.456663	0.827168	1
Gpa2	4.837839	0.214782	0.48976	0.791288	1
CG17691	385.1531	-0.31485	0.137587	1	1
CG1638	865.635	0.192756	0.099951	1	1
CAH5	140.4496	0.087663	0.190948	1	1
CAH6	2.23707	-0.01521	0.481707	1	1
CG34432	449.0129	0.054551	0.125218	1	1
CG34298	562.32	0.104751	0.125744	1	1
CG14507	835.0629	-0.43232	0.107976	1	1
CG34296	5.371067	0.305592	0.546219	0.509526	1
CG34295	1.512846	0.003251	0.533532	1	1
CG34437	11.4204	0.226725	0.393938	1	1
CG34436	2.447841	0.052575	0.490594	1	1
ppk31	1.835066	-0.01576	0.503143	1	1
CG34292	1298.808	-0.17878	0.099469	1	1
CG34291	4.859572	-1.97697	1.933274	0.006724	1
ppk15	1.037267	-0.00785	0.557785	1	1
CHKov1	35.13722	-1.38473	0.516545	0.058826	1
CG31103	1.685715	-0.0416	0.509854	1	1
Nep16	18.24695	-0.00407	0.347691	1	1
shams	133.364	-0.6103	0.189261	1	1
CG11786	18.15808	0.173617	0.349034	1	1
CG33342	4.655347	0.067539	0.424838	1	1
CG42812	0.556817	0.051791	0.603646	0.808962	1
CG34290	0.840634	0.122339	0.622113	0.505225	1
CG13613	1.726429	0.086813	0.523212	0.92182	1
prt	61.91281	-0.61824	0.287612	1	1
lr94e	3.618421	0.130235	0.482374	0.979321	1
CG34149	37.07872	-0.30924	0.300827	1	1

CG7907	832.3767	0.141142	0.10335	1	1
CG34288	2.343936	-0.03389	0.487507	1	1
Ugt49B2	53.78641	-0.104	0.261831	1	1
Ir92a	3.0834	-0.61754	1.047223	0.066815	1
Ire1	299.6253	-0.17855	0.137816	1	1
CG31219	4.521396	0.244766	0.492356	0.745624	1
CG34283	138.5618	-0.56367	0.217084	1	1
CG34281	9.089736	0.325617	0.448034	0.869839	1
CG14331	4.997381	0.070162	0.428412	1	1
CG42823	0.602514	-0.01938	0.574638	1	1
CG34280	0.783342	0.070342	0.570225	0.816445	1
CG34279	203.9319	0.153466	0.16615	1	1
CG31269	0.989606	0.20242	0.699268	0.281888	1
CG34278	1.408668	-0.31477	0.833621	0.145551	1
CG34274	838.1134	-0.10672	0.111129	1	1
Amt	6.545548	-0.05877	0.409309	1	1
CG34316	48.34027	-0.07677	0.259575	1	1
CG14854	0.548644	0.086306	0.627052	0.587748	1
CG34273	7.310376	0.496106	0.611311	0.311679	1
CCHa1	8.198679	0.230238	0.41905	1	1
CG11670	3.777047	-0.1396	0.4787	0.975398	1
CG31342	251.9151	-0.11149	0.141735	1	1
CG34308	629.3839	0.555744	0.109739	1	1
GCC185	451.7506	0.19902	0.115426	1	1
CG34307	168.0283	-0.12355	0.169293	1	1
CG18765	2.669152	-0.1206	0.483598	0.99798	1
CG4820	178.3503	-0.40165	0.164937	1	1
Ugt35C1	20.84323	-0.2992	0.344926	1	1
CG4565	6.429847	-0.17202	0.428157	1	1
CG6567	175.0077	-0.1535	0.160962	1	1
CG14688	80.82183	0.663851	0.257474	1	1
CG34302	58.90935	-0.12388	0.261752	1	1
CG12947	1.583062	0.002904	0.504951	1	1
CG34409	25.97493	-0.21694	0.310554	1	1
CG34301	12.4797	0.327218	0.404418	1	1
CG7900	58.64136	0.707282	0.322914	0.941524	1
CG18748	4.046509	0.039219	0.445611	1	1
thw	8.264468	0.185066	0.414939	1	1
CG34287	542.6282	0.334925	0.120064	1	1
CG34425	2335.269	0.356208	0.095867	1	1
CG9766	233.4851	0.071346	0.143193	1	1
CG34305	5.92455	-0.13245	0.425839	1	1
nvd	10.82133	0.117236	0.37953	1	1
CG34261	29.91701	-0.27245	0.315762	1	1
CG34258	417.7976	0.72088	0.155721	1	1
CG34256	9.085295	0.04833	0.509509	1	1
CG32204	17.67292	-0.33092	0.370523	1	1
Blos3	10.66716	0.003926	0.363412	1	1
Sgf11	164.2433	-0.03621	0.190052	1	1
CG34254	11.5116	0.001959	0.357634	1	1

CG34253	10.64365	0.108528	0.377361	1	1
Hsc20	79.99586	-0.17285	0.216485	1	1
Best4	230.9985	0.449002	0.149208	1	1
CG32121	172.0999	-0.19092	0.193063	1	1
CG10663	16.07056	-0.79213	0.561774	0.278506	1
CG34241	1349.531	-0.16057	0.109649	1	1
CG6024	33.59571	0.235376	0.286015	1	1
CG14132	5.941146	0.096283	0.408133	1	1
CG7512	21.35333	0.117049	0.323644	1	1
Elo68beta	3.653443	0.161748	0.504124	0.808111	1
Adi1	204.2081	-0.26819	0.163708	1	1
CG34269	257.9587	0.172492	0.142504	1	1
CG34267	1.210305	0.038018	0.526843	1	1
CG34456	0.60779	0.061252	0.592009	0.792115	1
CG34453	1.993513	0.063427	0.498748	1	1
CG34454	8.433943	-0.20729	0.436686	1	1
CG34427	7.883679	0.355476	0.500602	0.629038	1
CG34426	0.272696	0.042244	0.616213	0.832444	1
CG34462	2.665642	0.143183	0.4895	0.913796	1
CG34214	0.653082	0.011272	0.56548	1	1
CG13563	1.723986	0.073704	0.525091	0.964548	1
CG34213	11.13102	-0.04437	0.364456	1	1
CG43795	12.9712	1.006124	0.661447	0.129421	1
CG34210	663.8689	0.445642	0.120141	1	1
form3	56.80057	0.183748	0.261145	1	1
CG10274	61.31534	-0.01191	0.224309	1	1
Cpr65Ay	0.44584	0.067902	0.623326	0.669974	1
CG34445	21.66014	0.371353	0.378811	1	1
CG34446	11.73528	0.128392	0.378156	1	1
CG34208	0.19466	-0.00449	0.605571	1	1
CG34207	1.581283	0.037759	0.501955	1	1
CG34266	2.019328	-0.0804	0.511243	0.99615	1
CG34205	0.41879	0.021003	0.602766	1	1
VhaM9,7-a	38.57349	0.000957	0.259971	1	1
CG30288	0.687444	-0.05424	0.575495	0.878384	1
CG34203	2.724964	0.258975	0.597312	0.408678	1
dar1	3.487853	-0.16954	0.514439	0.75009	1
CG34265	1.233404	0.042981	0.548135	1	1
CG34201	0.720052	0.002506	0.564124	1	1
CG34199	0.586603	0.012306	0.576137	1	1
CG34198	0.249444	-0.04453	0.618442	0.811316	1
CG32320	127.2163	0.855386	0.251608	0.880418	1
CG34195	77.35292	-0.08554	0.213972	1	1
CG34190	0.814591	0.016457	0.548797	1	1
CG34460	899.9982	-0.29063	0.102106	1	1
CG34189	199.4505	-0.09698	0.168842	1	1
CG34458	1.222968	0.150055	0.624257	0.452529	1
CG4409	24.44671	0.05286	0.308335	1	1
CG34188	628.4905	0.950352	0.13274	0.990086	1
Rpb12	227.6333	0.009995	0.151967	1	1

CG34185	3.317484	-0.26392	0.547626	0.529774	1
CG34443	3.078297	0.175764	0.504175	0.783422	1
CG34442	4.406098	0.111251	0.44045	1	1
CG34184	2.990678	-0.03886	0.462389	1	1
ND-MWFE	516.9594	0.503994	0.129322	1	1
CG34231	29.25894	-0.47788	0.342506	1	1
CG13185	142.1574	0.041312	0.181967	1	1
CG34227	1.833226	-0.01859	0.489197	1	1
CG34229	98.73306	-0.32788	0.221639	1	1
pyr	60.14466	0.232247	0.241875	1	1
CG34228	87.66556	-0.37842	0.218962	1	1
CG34222	904.8306	-0.19076	0.115486	1	1
CG34220	4.01629	0.102878	0.472679	1	1
clos	125.6324	-0.05576	0.18349	1	1
whip	2103.936	0.007163	0.081601	1	1
CG34217	0.475529	-0.0052	0.593302	1	1
CG34431	210.8787	0.199699	0.180733	1	1
CG34430	1.78995	0.359951	0.845496	0.13557	1
Atg10	5.956415	-0.0609	0.423338	1	1
CG34216	350.2008	0.150461	0.125433	1	1
CG11113	4.397995	0.08129	0.485392	1	1
CG11112	11.44176	0.008166	0.562216	1	1
CG12828	3.43002	-4.16E-06	0.595028	1	1
CG34215	9.514602	-0.26163	0.427142	1	1
CG34200	725.3222	-0.12719	0.120213	1	1
CG34173	292.4781	0.478568	0.140627	1	1
CG34168	13671.13	-0.256	0.0868	1	1
CG34167	538.1244	-0.06113	0.111474	1	1
CG15140	0.84259	0.053759	0.553239	0.952188	1
CG34169	149.5916	0.966168	0.228207	0.629623	1
CG16824	304.6136	1.07853	0.159236	0.355337	1
CG34162	1.908146	0.259278	0.666572	0.294908	1
CG14913	7.999874	-0.13862	0.420089	1	1
lectin-33A	9.61641	0.105997	0.378863	1	1
CG34160	1420.93	-0.13958	0.088308	1	1
CG34159	168.7399	-0.02678	0.163169	1	1
CG4537	38.31543	-0.27541	0.301492	1	1
CG34183	34.41472	-0.01561	0.275025	1	1
RpS28-like	313.4614	-0.11672	0.144824	1	1
CG34181	346.8425	1.047977	0.154184	0.462126	1
CG34345	2.757185	0.030809	0.463287	1	1
DIP-iota	16.77192	0.449495	0.469793	0.680367	1
CG34180	2.662198	-0.22044	0.56259	0.52012	1
CG14007	6.189884	0.335115	0.562862	0.451905	1
CG33282	4.841914	0.169582	0.78032	0.19878	1
CG34176	1.066511	0.002116	0.52614	1	1
CG12795	436.2779	-0.14393	0.124352	1	1
CG34175	27.07008	-0.14714	0.298763	1	1
G6P	520.3418	0.105566	0.138723	1	1
CG34448	12.27154	0.606077	0.538603	0.403207	1

CG15387	152.9281	-0.08105	0.199823	1	1
CG34174	39.05963	-0.49536	0.315979	1	1
CG33124	1.199366	-0.09279	0.557183	0.772362	1
CG31668	1.013976	0.062117	0.55748	0.896425	1
Ir21a	1.186332	-0.12713	0.572926	0.624874	1
CG34334	175.2371	-0.4246	0.190882	1	1
jb	106.4694	-0.19765	0.201765	1	1
CG34332	78.91297	-0.35249	0.229644	1	1
CCKLR-17D3	31.6413	-0.12422	0.283858	1	1
CG42302	295.3994	-0.10171	0.140855	1	1
CCKLR-17D1	5.139798	-0.01577	0.41888	1	1
CG34328	127.3194	-0.43169	0.211905	1	1
upd3	9.747093	-0.03435	0.381391	1	1
RpIIIc160	87.69571	-0.32558	0.214944	1	1
CG34323	49.08961	-0.48072	0.29908	1	1
inaF-D	0.140435	-0.00449	0.605571	1	1
CG15221	0.509675	0.068716	0.631556	0.643144	1
CG34348	22.15666	-0.0686	0.304785	1	1
Ir10a	0.734305	-0.08341	0.585992	0.71354	1
CG15249	11.22156	-0.17804	0.391173	1	1
CG34450	1943.037	-0.03411	0.084368	1	1
CG34434	2790.104	0.329654	0.089649	1	1
dpr7	16.49704	0.075242	0.345272	1	1
CG34155	0.785623	0.135399	0.652823	0.416122	1
CG3339	52.00232	0.837514	0.351135	0.611238	1
CG34129	10.23804	0.016858	0.587019	1	1
CG34130	6.439305	0.009899	0.594938	1	1
CG34150	181.9024	-0.01531	0.17673	1	1
GluRIIE	28.16297	0.013487	0.282704	1	1
CG34138	15.26964	-0.3091	0.398758	1	1
CG10405	3.404414	0.073849	0.450356	1	1
tefu	281.9594	0.10743	0.153083	1	1
CG11598	22.25832	0.055791	0.504416	1	1
CG42327	150.6004	0.409081	0.208521	1	1
CG34107	2366.896	0.231271	0.081918	1	1
CG12817	297.7617	0.505953	0.147575	1	1
CG34117	241.3708	0.868178	0.174255	1	1
Poxm	77.03061	0.003178	0.215128	1	1
side-III	9.286902	0.124914	0.392913	1	1
mRpS5	113.4794	-0.19447	0.217175	1	1
Snap25	11.30157	-0.13843	0.381177	1	1
CG40470	105.5049	1.036609	0.271531	0.394942	1
CG40298	7.297207	0.133258	0.422419	1	1
CG33260	6.237477	-0.18178	0.441498	1	1
CG17672	35.30322	0.561524	0.342138	1	1
CG34115	5.522245	0.060636	0.431706	1	1
CG17528	688.4469	-0.25812	0.119396	1	1
conu	129.2211	-0.18434	0.190917	1	1
Acp54A1	1.601021	-0.25794	0.743702	0.214931	1
mRpL34	60.91857	-0.36942	0.243883	1	1

CG17486	303.5122	-0.16785	0.172958	1	1
p120ctn	432.0563	-0.04849	0.146483	1	1
CG17760	5.662976	-0.0404	0.408809	1	1
CG33632	1.512036	0.069828	0.510467	1	1
IntS3	213.3059	-0.27726	0.180562	1	1
CG17683	152.8951	-0.27816	0.185686	1	1
Spf45	261.213	-0.21095	0.157308	1	1
CG40006	10.06263	-0.22803	0.400092	1	1
Slmap	5914.38	0.05293	0.078552	1	1
RpL5	4440.932	-0.35796	0.095083	1	1
CG34136	12.9535	-0.1759	0.369073	1	1
btv	88.1335	0.251532	0.219018	1	1
CG34109	147.9534	0.814624	0.197324	1	1
CG34134	5.172271	-0.14794	0.445752	1	1
CG34132	108.504	-0.41104	0.21182	1	1
Spn28Da	2.66724	0.014279	0.482187	1	1
CG34125	116.4424	-0.27773	0.199705	1	1
CG34124	426.6857	1.051875	0.440977	0.230468	1
FucTC	1.567856	-0.03165	0.517875	1	1
CG40486	53.82835	1.258772	0.341668	0.113927	1
CG41106	655.9818	-0.33377	0.106929	1	1
CG42346	24.54283	-0.33406	0.340357	1	1
LPCAT	63.88482	0.017594	0.24269	1	1
CG14634	36.08783	-0.29839	0.293158	1	1
CG14062	0.428536	-0.02891	0.604251	0.958495	1
CG12877	220.4053	-0.45501	0.154698	1	1
CG34027	137.727	0.564587	0.225453	1	1
hh	123.5489	-0.33323	0.224411	1	1
CG34008	12.92851	0.116822	0.387243	1	1
CG42821	20.03691	-0.89325	0.501084	0.291085	1
CG33977	48.78418	0.033778	0.246789	1	1
CG33969	185.5934	-0.0028	0.160947	1	1
CG34002	6.214552	0.12423	0.45364	1	1
obst-H	0.44584	0.067902	0.623326	0.669974	1
CG42729	0.265157	-0.0258	0.610211	0.967582	1
CG33985	3.038889	-0.08167	0.500902	1	1
CG33986	1.345919	0.033718	0.517771	1	1
CG34039	217.9547	-0.30664	0.162994	1	1
CG10973	383.5881	-0.10089	0.130972	1	1
CG34012	904.2706	-0.0561	0.09437	1	1
Ir62a	3.687496	0.20281	0.510034	0.719265	1
CG34030	51.30062	1.053865	0.360605	0.288594	1
CG33965	0.98798	0.173011	0.683381	0.322622	1
CG34057	6.1523	0.531973	0.675389	0.226139	1
CG34056	40.1235	0.279302	0.28971	1	1
CG11583	142.4024	-1.05708	0.202936	0.408106	1
Atf-2	380.2785	0.361409	0.133374	1	1
CG34029	394.8097	0.322333	0.144077	1	1
CG34040	0.233678	0.016717	0.607437	1	1
IM14	67.27044	-0.27709	0.271998	1	1

CG34045	2.313607	0.100917	0.501686	0.968216	1
CG33998	3.897149	-0.09584	0.469488	1	1
CG33958	5.481767	0.140526	0.464978	1	1
CG4927	6.520449	0.454418	0.584138	0.368169	1
CG33460	38.63891	0.055833	0.274518	1	1
CG34021	964.6991	-0.12184	0.105899	1	1
CG34054	18.87944	0.432567	0.425151	0.875963	1
CG34033	13.08877	0.08445	0.390494	1	1
NimB3	6.835162	0.002433	0.403082	1	1
ppk10	108.8191	0.494211	0.20641	1	1
CG34043	4.092369	0.615031	0.964579	0.081963	1
Glyat	5.701999	0.264681	0.479484	0.782152	1
CG34011	28.61625	0.495684	0.35987	1	1
Jon25Bi	0.40067	0.020805	0.605044	1	1
CG34049	405.9309	-0.26627	0.136372	1	1
CG34015	126.2904	-0.02325	0.177854	1	1
drd	45.15419	-0.32519	0.27883	1	1
CG11103	39.59424	-0.15462	0.273816	1	1
Cp7Fa	1.092981	0.012351	0.53081	1	1
Dyrk3	100.9254	0.258715	0.20984	1	1
PIP4K	549.2095	-0.00854	0.128611	1	1
Meltrin	203.4226	-0.27879	0.167761	1	1
CG33680	1.13462	0.091684	0.567353	0.742077	1
CG33704	2190.162	-0.25572	0.094124	1	1
CG33155	5.50565	-0.03686	0.40364	1	1
CG33798	0.525667	0.02002	0.592885	1	1
CG33792	9.482997	0.345581	0.468467	0.760885	1
CG33775	0.921369	0.129895	0.606943	0.526406	1
CG33627	1.08985	-0.09195	0.58382	0.689577	1
CG33626	1.439197	0.037386	0.525675	1	1
CG18003	21.84754	0.050914	0.314528	1	1
CheA46a	0.564884	-0.00319	0.5842	1	1
CG33757	0.19466	-0.00449	0.605571	1	1
CG33774	63.29359	0.339563	0.248984	1	1
Spn43Ab	474.1066	-0.28988	0.133789	1	1
CG33919	0.413131	0.043608	0.614128	0.829289	1
His2B:CG33868	37.73814	-0.08331	0.258986	1	1
Adh	1.677803	-0.17177	0.598957	0.479106	1
CG33784	0.677619	-0.03961	0.568115	0.98431	1
CG33783	0.419336	-0.01009	0.60003	1	1
CG33630	0.40675	0.020647	0.604179	1	1
CG33654	0.450383	-0.03048	0.591867	0.978545	1
CG33679	9.284745	0.134057	0.393939	1	1
CG33641	3.165041	0.028884	0.476192	1	1
CG33640	1.735652	-0.27301	0.687263	0.264896	1
CG4970	1108.06	0.548327	0.09469	1	1
CG33695	89.63601	-0.14723	0.20509	1	1
CheA84a	1.590219	0.217057	0.643962	0.349752	1
CG33927	0.267221	0.029819	0.611184	0.934193	1
CG33772	0.19466	-0.00449	0.605571	1	1

CG33767	0.268107	-0.04679	0.619605	0.793673	1
CG33710	141.7478	0.59252	0.192813	1	1
CG33723	75.7718	0.319561	0.242278	1	1
CheB74a	0.243424	-0.0258	0.610211	0.967583	1
mus201	316.6052	0.2221	0.131585	1	1
CG33795	0.793087	0.005711	0.548681	1	1
CNMaR	16.90553	0.38913	0.404517	1	1
CG33700	0.19466	-0.00449	0.605571	1	1
CG33702	1.094369	0.043853	0.554093	1	1
CG33703	2.605591	0.020328	0.47168	1	1
CG33673	91.31677	0.740236	0.26241	1	1
CG33922	0.169892	0.02982	0.611184	0.934191	1
CG33923	2.038036	0.024053	0.481531	1	1
CG33635	50.53712	0.017878	0.243342	1	1
CG33920	0.919559	0.019083	0.560146	1	1
CG33773	189.0907	0.547229	0.175731	1	1
CG33777	6.586954	0.302973	0.480661	0.742948	1
CG33764	0.19466	-0.00449	0.605571	1	1
CG9133	432.2998	0.165865	0.151774	1	1
fabp	410.986	-0.37038	0.142647	1	1
sea	8.176055	0.964909	0.906492	0.06921	1
CheA86a	0.486848	-0.05683	0.613306	0.753307	1
CG33665	219.4159	0.088999	0.167448	1	1
CG33666	216.4827	1.018647	0.189572	0.535613	1
CG33667	170.4704	-0.36118	0.171115	1	1
CG33668	112.0801	0.374728	0.217495	1	1
CG33669	57.25836	-0.57191	0.376259	0.933652	1
CG15892	270.4738	0.063184	0.162091	1	1
kl-5	447.207	0.712032	0.15062	1	1
ORY	131.7189	0.543602	0.228121	1	1
Pp1-Y2	312.1036	-0.01708	0.138556	1	1
kl-2	224.8758	1.064055	0.185191	0.397544	1
Ppr-Y	60.85019	-0.02735	0.243023	1	1
FASN3	38.27558	-0.13948	0.425623	1	1
CG41128	64.76287	-0.38629	0.272536	1	1
Tim23	2693.107	-0.10527	0.074337	1	1
Haspin	343.4738	0.094003	0.137442	1	1
CG17168	92.37186	-0.18576	0.202785	1	1
MED21	71.20994	-0.45786	0.276239	1	1
klhl10	882.2208	-0.02987	0.139852	1	1
CG33557	33.94361	0.08052	0.282323	1	1
dpr4	1.645785	-0.15513	0.570414	0.577965	1
CG14667	156.644	0.364915	0.175102	1	1
CG33514	7.874284	-0.03253	0.380539	1	1
RpL41	5479.776	-0.29083	0.106354	1	1
Vkor	10.19437	0.183377	0.4078	1	1
CheB53b	3.559575	-0.22647	0.520347	0.651847	1
U3-55K	121.9391	-0.11702	0.183176	1	1
CG33506	149.2694	-0.2759	0.172731	1	1
ppk13	16.67524	0.241046	0.357861	1	1

CG33509	7.308763	0.130303	0.410645	1	1
CG33510	0.637247	0.094618	0.611438	0.602505	1
CG33511	3.417072	-0.06772	0.462357	1	1
CG33552	220.5691	-0.0506	0.154368	1	1
CG33543	10.53276	0.566936	0.566752	0.366006	1
Gr22b	1.164376	0.260471	0.755867	0.204231	1
CG31664	20.35786	0.161184	0.328475	1	1
CG15358	3.297511	0.181147	0.514968	0.729344	1
Spn28Db	0.947759	0.079444	0.579782	0.747904	1
CG32984	9.216398	0.108707	0.390759	1	1
CG33645	1.90476	-0.22931	0.629848	0.365069	1
CG7653	1356.534	0.253388	0.108563	1	1
sisRNA:CR46360	0.857335	-0.02297	0.550357	1	1
CG7763	3.533244	0.074481	0.463173	1	1
CG5267	8.094351	-0.09821	0.406587	1	1
CG46388	2.001099	-0.05253	0.482531	1	1
CG42878	1.268795	0.094495	0.581211	0.68896	1
CG44666	2.289296	0.434526	0.887759	0.113237	1
CG9168	3.710652	0.024658	0.599047	1	1
CG32413	7.336535	0.550062	0.620216	0.286655	1
CG46387	1.423972	0.074485	0.524308	0.964537	1
CG5897	1.467972	0.18912	0.630556	0.394694	1
CG43294	1.426915	0.073101	0.543152	0.897596	1
CG34428	0.272696	0.042244	0.616213	0.832444	1
sisRNA:3	4.544644	-1.08857	1.329463	0.027876	1
CG14459	29.80384	0.883914	0.490169	0.310363	1
CG33768	0.280869	-0.00449	0.605571	1	1
sisRNA:CR46357	1.179139	-0.01738	0.520954	1	1
CG10041	2.757316	0.072498	0.473881	1	1
beat-Vc	1.283439	0.041579	0.53008	1	1
asRNA:CR46354	0.450383	-0.03048	0.591867	0.978545	1
sisRNA:CR46363	0.249444	-0.04453	0.618442	0.811316	1
sisRNA:2	0.621623	-0.03861	0.579354	0.95807	1
upd2	3.278252	-0.05751	0.458493	1	1
lncRNA:CR46336	0	0	0.726505	NA	NA
mir-9382	0	0	0.726505	NA	NA
lncRNA:CR46088	0	0	0.726505	NA	NA
asRNA:CR46029	0	0	0.726505	NA	NA
asRNA:CR45909	0	0	0.726505	NA	NA
lncRNA:CR45945	0	0	0.726505	NA	NA
lncRNA:CR45937	0	0	0.726505	NA	NA
lncRNA:CR45833	0	0	0.726505	NA	NA
asRNA:CR45807	0	0	0.726505	NA	NA
lncRNA:CR46234	0	0	0.726505	NA	NA
asRNA:CR46070	0	0	0.726505	NA	NA
lncRNA:CR46205	0	0	0.726505	NA	NA
lncRNA:CR46196	0	0	0.726505	NA	NA
lncRNA:CR44263	0	0	0.726505	NA	NA
lncRNA:CR45570	0	0	0.726505	NA	NA
lncRNA:CR45669	0	0	0.726505	NA	NA

asRNA:CR44321	0	0	0.726505	NA	NA
asRNA:CR45208	0	0	0.726505	NA	NA
lncRNA:CR44350	0	0	0.726505	NA	NA
lncRNA:CR45645	0	0	0.726505	NA	NA
asRNA:CR45024	0	0	0.726505	NA	NA
lncRNA:CR45631	0	0	0.726505	NA	NA
lncRNA:CR45211	0	0	0.726505	NA	NA
asRNA:CR45206	0	0	0.726505	NA	NA
lncRNA:CR45594	0	0	0.726505	NA	NA
lncRNA:CR44675	0	0	0.726505	NA	NA
lncRNA:CR44260	0	0	0.726505	NA	NA
lncRNA:CR44930	0	0	0.726505	NA	NA
lncRNA:CR44566	0	0	0.726505	NA	NA
lncRNA:CR45241	0	0	0.726505	NA	NA
lncRNA:CR44689	0	0	0.726505	NA	NA
lncRNA:CR45659	0	0	0.726505	NA	NA
lncRNA:CR45446	0	0	0.726505	NA	NA
asRNA:CR45396	0	0	0.726505	NA	NA
lncRNA:CR45254	0	0	0.726505	NA	NA
lncRNA:CR45255	0	0	0.726505	NA	NA
lncRNA:CR45753	0	0	0.726505	NA	NA
lncRNA:CR44718	0	0	0.726505	NA	NA
lncRNA:CR45405	0	0	0.726505	NA	NA
lncRNA:CR44536	0	0	0.726505	NA	NA
lncRNA:CR45400	0	0	0.726505	NA	NA
lncRNA:CR44760	0	0	0.726505	NA	NA
lncRNA:CR44755	0	0	0.726505	NA	NA
lncRNA:CR44650	0	0	0.726505	NA	NA
lncRNA:CR44627	0	0	0.726505	NA	NA
lncRNA:CR44389	27.54876	0.029009	0.599219	NA	NA
lncRNA:CR44467	0	0	0.726505	NA	NA
lncRNA:CR45316	0	0	0.726505	NA	NA
asRNA:CR45142	0	0	0.726505	NA	NA
lncRNA:CR44313	0	0	0.726505	NA	NA
lncRNA:CR44274	0	0	0.726505	NA	NA
lncRNA:CR43724	0	0	0.726505	NA	NA
lncRNA:CR40341	0	0	0.726505	NA	NA
asRNA:CR45715	0	0	0.726505	NA	NA
lncRNA:CR44602	0	0	0.726505	NA	NA
lncRNA:CR44860	0	0	0.726505	NA	NA
lncRNA:CR44770	0	0	0.726505	NA	NA
lncRNA:CR44857	0	0	0.726505	NA	NA
lncRNA:CR44726	0	0	0.726505	NA	NA
lncRNA:CR44589	0	0	0.726505	NA	NA
lncRNA:CR45014	0	0	0.726505	NA	NA
lncRNA:CR44584	0	0	0.726505	NA	NA
lncRNA:CR45339	0	0	0.726505	NA	NA
lncRNA:CR44712	0	0	0.726505	NA	NA
lncRNA:CR45628	0	0	0.726505	NA	NA
lncRNA:CR45450	0	0	0.726505	NA	NA

lncRNA:CR44310	0	0	0.726505	NA	NA
lncRNA:CR44708	0	0	0.726505	NA	NA
asRNA:CR44998	0	0	0.726505	NA	NA
lncRNA:CR44662	0	0	0.726505	NA	NA
lncRNA:CR44798	0	0	0.726505	NA	NA
lncRNA:CR44797	0	0	0.726505	NA	NA
lncRNA:CR45626	0	0	0.726505	NA	NA
lncRNA:CR45625	0	0	0.726505	NA	NA
asRNA:CR45623	0	0	0.726505	NA	NA
lncRNA:CR44568	0	0	0.726505	NA	NA
lncRNA:CR45618	0	0	0.726505	NA	NA
lncRNA:CR44556	0	0	0.726505	NA	NA
asRNA:CR45185	0	0	0.726505	NA	NA
lncRNA:CR44508	0	0	0.726505	NA	NA
lncRNA:CR44507	0	0	0.726505	NA	NA
lncRNA:CR44964	0	0	0.726505	NA	NA
lncRNA:CR44498	0	0	0.726505	NA	NA
lncRNA:CR45516	0	0	0.726505	NA	NA
asRNA:CR45525	0	0	0.726505	NA	NA
lncRNA:CR44470	0	0	0.726505	NA	NA
lncRNA:CR45123	0	0	0.726505	NA	NA
asRNA:CR44049	0	0	0.726505	NA	NA
lncRNA:CR43970	0	0	0.726505	NA	NA
lncRNA:CR43910	0	0	0.726505	NA	NA
lncRNA:CR43917	0	0	0.726505	NA	NA
lncRNA:CR43660	0	0	0.726505	NA	NA
lncRNA:CR43831	0	0	0.726505	NA	NA
lncRNA:CR43817	0	0	0.726505	NA	NA
lncRNA:CR44183	0	0	0.726505	NA	NA
lncRNA:CR44145	0	0	0.726505	NA	NA
lncRNA:CR43822	0	0	0.726505	NA	NA
lncRNA:CR43960	0	0	0.726505	NA	NA
lncRNA:CR43956	0	0	0.726505	NA	NA
Su(Ste):CR40820	0	0	0.726505	NA	NA
lncRNA:CR40629	0	0	0.726505	NA	NA
lncRNA:CR43434	0	0	0.726505	NA	NA
lncRNA:CR43488	0	0	0.726505	NA	NA
lncRNA:CR42839	0	0	0.726505	NA	NA
snoRNA:lrbp-a	0	0	0.726505	NA	NA
mir-2283	0	0	0.726505	NA	NA
snoRNA:83E4-5	0	0	0.726505	NA	NA
scaRNA:MeU4-A65	0	0	0.726505	NA	NA
snoRNA:Edc3-a	0	0	0.726505	NA	NA
mir-314	0	0	0.726505	NA	NA
lncRNA:CR43428	0	0	0.726505	NA	NA
snoRNA:2R:9445410	0	0	0.726505	NA	NA
mir-988	0	0	0.726505	NA	NA
snoRNA:lola-d	0	0	0.726505	NA	NA
snoRNA:lola-a	0	0	0.726505	NA	NA
mir-4980	0	0	0.726505	NA	NA

mir-967	0	0	0.726505	NA	NA
snoRNA:SC35-a	0	0	0.726505	NA	NA
snoRNA:kis-a	0	0	0.726505	NA	NA
mir-4965	0	0	0.726505	NA	NA
mir-283	0	0	0.726505	NA	NA
mir-3645	0	0	0.726505	NA	NA
mir-981	0	0	0.726505	NA	NA
mir-4960	0	0	0.726505	NA	NA
Su(Ste):CR42427	0	0	0.726505	NA	NA
Su(Ste):CR42417	0	0	0.726505	NA	NA
snoRNA:Psi28S-3405d	0	0	0.726505	NA	NA
snoRNA:Psi28S-3305b	0	0	0.726505	NA	NA
snoRNA:Psi28S-3405a	0	0	0.726505	NA	NA
snoRNA:Me18S-C1280	0	0	0.726505	NA	NA
snoRNA:Me18S-U1356	0	0	0.726505	NA	NA
snoRNA:Or-CD11	0	0	0.726505	NA	NA
snoRNA:Me28S-A2634	0	0	0.726505	NA	NA
snoRNA:Psi18S-1086	0	0	0.726505	NA	NA
snoRNA:Psi28S-3308	0	0	0.726505	NA	NA
snoRNA:Psi18S-110	0	0	0.726505	NA	NA
snoRNA:Psi18S-1389a	0	0	0.726505	NA	NA
snoRNA:Psi18S-841b	0	0	0.726505	NA	NA
snoRNA:Psi28S-3378	0	0	0.726505	NA	NA
snoRNA:Psi28S-3316b	0	0	0.726505	NA	NA
snoRNA:Psi28S-3316a	0	0	0.726505	NA	NA
snoRNA:Me18S-G1952	0	0	0.726505	NA	NA
snoRNA:Psi18S-1347a	0	0	0.726505	NA	NA
snoRNA:Me28S-C3227	0	0	0.726505	NA	NA
snoRNA:Psi28S-1936	0	0	0.726505	NA	NA
snoRNA:Me28S-A982b	0	0	0.726505	NA	NA
snoRNA:Me18S-A469	0	0	0.726505	NA	NA
snoRNA:Psi18S-525g	0	0	0.726505	NA	NA
snoRNA:Me28S-A3365	0	0	0.726505	NA	NA
snoRNA:Psi18S-1854a	0	0	0.726505	NA	NA
snoRNA:Psi18S-1854c	0	0	0.726505	NA	NA
snoRNA:Psi18S-176	0	0	0.726505	NA	NA
snoRNA:Psi18S-841a	0	0	0.726505	NA	NA
snoRNA:Psi18S-1347c	0	0	0.726505	NA	NA
snoRNA:Psi28S-3342	0	0	0.726505	NA	NA
snRNA:U1:82Eb	0	0	0.726505	NA	NA
snoRNA:U31:54Ed	0	0	0.726505	NA	NA
snoRNA:U31:54Ec	0	0	0.726505	NA	NA
snoRNA:U27:54Ea	0	0	0.726505	NA	NA
snoRNA:U29:54Eb	0	0	0.726505	NA	NA
snRNA:U5:35D	0	0	0.726505	NA	NA
snRNA:U5:34A	0	0	0.726505	NA	NA
CG44215	0	0	0.726505	NA	NA
CG46192	0	0	0.726505	NA	NA
Vml	0	0	0.726505	NA	NA
CG33258	18.21475	0.157609	0.675266	NA	NA

Acp63F	28.89327	0.015265	0.595207	NA	NA
CG42782	0	0	0.726505	NA	NA
Rdh	0	0	0.726505	NA	NA
CG33467	0	0	0.726505	NA	NA
Obp47a	0	0	0.726505	NA	NA
CheB42a	0	0	0.726505	NA	NA
Obp19d	0	0	0.726505	NA	NA
CG33178	0	0	0.726505	NA	NA
CG33199	0	0	0.726505	NA	NA
CG33128	0	0	0.726505	NA	NA
Gr93b	0	0	0.726505	NA	NA
CG7708	0	0	0.726505	NA	NA
CG7950	0	0	0.726505	NA	NA
TwdlR	0	0	0.726505	NA	NA
Muc96D	0	0	0.726505	NA	NA
CG31464	0	0	0.726505	NA	NA
CG32074	0	0	0.726505	NA	NA
Ir67c	0	0	0.726505	NA	NA
CG32023	0	0	0.726505	NA	NA
Or65a	0	0	0.726505	NA	NA
Obp19a	0	0	0.726505	NA	NA
CG32642	0	0	0.726505	NA	NA
Gr9a	0	0	0.726505	NA	NA
CG32793	0	0	0.726505	NA	NA
CG32762	0	0	0.726505	NA	NA
CG31872	95.49495	-0.00065	0.593551	NA	NA
Cpr30F	0	0	0.726505	NA	NA
CG42367	0	0	0.726505	NA	NA
CG31606	0	0	0.726505	NA	NA
CG7179	0	0	0.726505	NA	NA
CG17239	0	0	0.726505	NA	NA
Obp22a	8.264476	0.043312	0.600701	NA	NA
Gr22a	0	0	0.726505	NA	NA
Gr22e	0	0	0.726505	NA	NA
CG15127	0	0	0.726505	NA	NA
lectin-29Ca	20.94755	0.005324	0.593926	NA	NA
lectin-30A	28.75663	0.061484	0.526321	NA	NA
lectin-46Ca	104.4058	0.003409	0.515754	NA	NA
Ugt303A1	0	0	0.726505	NA	NA
CG15919	0	0	0.726505	NA	NA
CG14630	0	0	0.726505	NA	NA
Fad2	0	0	0.726505	NA	NA
CG15534	0	0	0.726505	NA	NA
CG15522	0	0	0.726505	NA	NA
aqrs	16.84693	0.035884	0.602312	NA	NA
CG9997	14.66732	0.021525	0.596912	NA	NA
CG14247	0	0	0.726505	NA	NA
Tb	0	0	0.726505	NA	NA
TwdlH	0	0	0.726505	NA	NA
TwdlJ	0	0	0.726505	NA	NA

CG13614	0	0	0.726505	NA	NA
Qsox3	10.42879	0.035574	0.602417	NA	NA
CG4000	0	0	0.726505	NA	NA
Gr89a	0	0	0.726505	NA	NA
CG14852	0	0	0.726505	NA	NA
Cyp313a1	0	0	0.726505	NA	NA
CG11600	0	0	0.726505	NA	NA
CG11760	0	0	0.726505	NA	NA
CG14563	0	0	0.726505	NA	NA
Pex7	0	0	0.726505	NA	NA
CG13305	0	0	0.726505	NA	NA
Cpr78Cb	0	0	0.726505	NA	NA
CG7320	0	0	0.726505	NA	NA
CG13727	0	0	0.726505	NA	NA
CG13073	0	0	0.726505	NA	NA
CG10357	0	0	0.726505	NA	NA
Eig71Eh	0	0	0.726505	NA	NA
CG43896	0	0	0.726505	NA	NA
Ilp1	0	0	0.726505	NA	NA
CG13309	8.756496	0.107585	0.671494	NA	NA
CG13312	0	0	0.726505	NA	NA
CG13311	0	0	0.726505	NA	NA
CG3650	0	0	0.726505	NA	NA
CG3640	23.69711	0.036399	0.565695	NA	NA
CG13566	0	0	0.726505	NA	NA
CG42284	0	0	0.726505	NA	NA
CG11192	0	0	0.726505	NA	NA
Acp53C14b	99.27817	0.004978	0.593709	NA	NA
Acp53C14a	78.75687	-0.00197	0.57909	NA	NA
CG17575	98.72801	0.016646	0.526402	NA	NA
CG13157	0	0	0.726505	NA	NA
Cpr49Ag	0	0	0.726505	NA	NA
CG4734	0	0	0.726505	NA	NA
spab	0	0	0.726505	NA	NA
CG9257	0	0	0.726505	NA	NA
CG17472	32.53516	0.016255	0.59539	NA	NA
CG15269	0	0	0.726505	NA	NA
l(2)34Fc	0	0	0.726505	NA	NA
CG16813	0	0	0.726505	NA	NA
CG17097	265.4787	0.012345	0.578694	NA	NA
CG18284	29.36925	0.037163	0.548201	NA	NA
CG13133	0	0	0.726505	NA	NA
CG31883	43.61942	0.013644	0.563963	NA	NA
Ugt307A1	0	0	0.726505	NA	NA
ppk7	0	0	0.726505	NA	NA
CG9029	258.3427	0.008153	0.59395	NA	NA
CG15404	0	0	0.726505	NA	NA
Send1	0	0	0.726505	NA	NA
Cluap1	0	0	0.726505	NA	NA
Ir20a	0	0	0.726505	NA	NA

CG15322	0	0	0.726505	NA	NA
Acp26Ab	35.34506	0.036774	0.602521	NA	NA
CG13002	0	0	0.726505	NA	NA
sphe	0	0	0.726505	NA	NA
CG12539	0	0	0.726505	NA	NA
CG15725	0	0	0.726505	NA	NA
CG11356	0	0	0.726505	NA	NA
CG15252	0	0	0.726505	NA	NA
Ir7g	0	0	0.726505	NA	NA
CG3009	0	0	0.726505	NA	NA
CG14423	0	0	0.726505	NA	NA
CG14424	0	0	0.726505	NA	NA
CG14419	0	0	0.726505	NA	NA
CG11380	0	0	0.726505	NA	NA
CG13361	0	0	0.726505	NA	NA
CG13362	0	0	0.726505	NA	NA
Or98b	0	0	0.726505	NA	NA
Gr98c	0	0	0.726505	NA	NA
E(spl)m6-BFM	0	0	0.726505	NA	NA
E(spl)m5-HLH	0	0	0.726505	NA	NA
Kaz-m1	0	0	0.726505	NA	NA
E(spl)mgamma-HLH	0	0	0.726505	NA	NA
Mst57Db	106.0208	0.010781	0.576328	NA	NA
Mst57Dc	37.76349	0.019456	0.596119	NA	NA
Gr93a	0	0	0.726505	NA	NA
Edg84A	0	0	0.726505	NA	NA
Obp83a	0	0	0.726505	NA	NA
E(spl)m7-HLH	0	0	0.726505	NA	NA
Acp76A	23.28731	0.002655	0.593758	NA	NA
Eig71Ee	0	0	0.726505	NA	NA
SP	65.19847	0.023947	0.583552	NA	NA
Sgs3	0	0	0.726505	NA	NA
Or19a	0	0	0.726505	NA	NA
Spn28F	85.60799	-0.03704	0.508122	NA	NA
Spn38F	79.35727	0.016202	0.574189	NA	NA
Acp62F	26.51865	0.015152	0.562782	NA	NA
Mst57Da	185.2065	0.006904	0.593835	NA	NA
Cyp9c1	0	0	0.726505	NA	NA
msopa	16.18724	0.028346	0.54629	NA	NA
Or59c	0	0	0.726505	NA	NA
Or49a	0	0	0.726505	NA	NA
thetaTry	0	0	0.726505	NA	NA
etaTry	0	0	0.726505	NA	NA
Or47b	0	0	0.726505	NA	NA
Acp33A	32.88573	0.020816	0.596501	NA	NA
Ser12	0	0	0.726505	NA	NA
dy	0	0	0.726505	NA	NA
Acp32CD	175.6482	0.007298	0.582186	NA	NA
Amyrel	0	0	0.726505	NA	NA
Pkg21D	0	0	0.726505	NA	NA

Acp53Ea	77.94241	0.005905	0.580773	NA	NA
a5	0	0	0.726505	NA	NA
slp2	0	0	0.726505	NA	NA
zen2	0	0	0.726505	NA	NA
Vm34Ca	0	0	0.726505	NA	NA
ase	0	0	0.726505	NA	NA
Acp26Aa	46.32869	0.037828	0.504602	NA	NA
Lcp1	0	0	0.726505	NA	NA
wor	0	0	0.726505	NA	NA
CG43185	10.05463	0.040781	0.605093	NA	NA
CG14034	17.82005	0.010775	0.594552	NA	NA
BG642163	45.21144	0.012768	0.594678	NA	NA
CG44426	0	0	0.726505	NA	NA
CG42780	0	0	0.726505	NA	NA
CG45544	0	0	0.726505	NA	NA
CG14664	0	0	0.726505	NA	NA
CG43147	185.7803	0.030474	0.599595	NA	NA
Acp98AB	43.15859	0.000869	0.593617	NA	NA
CG44094	0	0	0.726505	NA	NA
CG43968	0	0	0.726505	NA	NA
CG42481	66.21394	0.019863	0.581595	NA	NA
CG43667	0	0	0.726505	NA	NA
CG43788	55.79314	0.015182	0.595099	NA	NA
CG43799	0	0	0.726505	NA	NA
CG43797	0	0	0.726505	NA	NA
CG43673	0	0	0.726505	NA	NA
CG43392	17.72942	-0.00092	0.593784	NA	NA
CG43219	0	0	0.726505	NA	NA
CG43149	0	0	0.726505	NA	NA
CG43272	11.82724	0.024699	0.597981	NA	NA
CG43124	0	0	0.726505	NA	NA
CG43319	14.4017	0.015084	0.595356	NA	NA
CG43403	0	0	0.726505	NA	NA
CG42852	26.11164	0.010343	0.594394	NA	NA
BG642312	124.3918	0.04992	0.51325	NA	NA
CG42649	0	0	0.726505	NA	NA
CG34051	35.78461	0.053726	0.582362	NA	NA
CG42763	0	0	0.726505	NA	NA
lectin-46Cb	75.543	0.016932	0.504361	NA	NA
Sfp33A3	18.96258	0.00969	0.594386	NA	NA
Sfp33A4	0	0	0.726505	NA	NA
CG42464	0	0	0.726505	NA	NA
Sfp79B	0	0	0.726505	NA	NA
ppk8	0	0	0.726505	NA	NA
lectin-22C	0	0	0.726505	NA	NA
CG42392	0	0	0.726505	NA	NA
spok	0	0	0.726505	NA	NA
Pp1-Y1	0	0	0.726505	NA	NA
CG34429	0	0	0.726505	NA	NA
CG34206	0	0	0.726505	NA	NA

BG642167	21.26539	0.025412	0.589293	NA	NA
Gyc89Da	0	0	0.726505	NA	NA
Spn75F	23.53748	-0.00243	0.559436	NA	NA
CG33966	0	0	0.726505	NA	NA
CG33758	0	0	0.726505	NA	NA
CG33690	0	0	0.726505	NA	NA
CG33658	0	0	0.726505	NA	NA
CG14115	0	0	0.726505	NA	NA
CG34303	0	0	0.726505	NA	NA

Дифференциальная экспрессия в семенниках с конструкциями *CP190-mCD8-GFP* и *nanos-Cre* на фс

эне дикотипного и мутантного CP190 измерялась в сравнении с контролем. Оценки Log2FoldChang

е были усечены для построения диаграмм (см. ЭКСПЕРИМЕНТАЛЬНУЮ ЧАСТЬ).