

Gene_ID	CT6	CT7	CT5	CT8	log2FoldCl	pvalue	padj	GeneName	Chrom	Strand	Start	End	GeneLengt	GeneType	GeneDescr	CT6_readc	CT7_readc	CT5_readc	CT8_readc	CT6_fpk	CT7_fpk	CT5_fpk	CT8_fpk
ENSMUSG1779.622	1768.708	2628.246	2304.7		-0.43678	0.001032	0.013173	Cox5a	chr9	+	57521232	57532424	690	protein_co_cytochrom		1968	1828	2581	2082	110.8917	109.7376	158.2002	143.6357
ENSMUSG1779.622	2465.97	2146.058	3439.835	2966.665	-0.43311	0.001553	0.017542	Sdhb	chr9	-	50596338	50603849	1287	protein_co_succinate_		2727	2218	3378	2680	82.38151	71.38572	111.0067	99.12586
ENSMUSG1779.622	878.0554	782.7596	1289.174	1073.756	-0.44921	0.004108	0.034763	Btdb17	chr11	-	1.15E+08	1.15E+08	3020	protein_co_BT_	(POZ)	971	809	1266	970	12.50073	11.09609	17.72943	15.28958
ENSMUSG1779.622	6877.95	6428.498	10041.51	8312.197	-0.42911	0.000829	0.011458	Atp5f1	chr3	-	1.06E+08	1.06E+08	2527	protein_co_ATP_synth		7606	6644	9861	7509	117.0238	108.9062	165.0379	141.4515
ENSMUSG1779.622	10493.26	10786.41	17933.37	13447.41	-0.5104	0.000236	0.004794	Rpl13	chr8	+	1.23E+08	1.23E+08	1969	protein_co_ribosomal_		11604	11148	17611	12148	229.1317	234.5199	378.2739	293.6904
ENSMUSG1779.622	1354.611	1319.758	2096.69	1826.492	-0.50386	0.000275	0.005372	Tpd52l2	chr2	+	1.81E+08	1.82E+08	3603	protein_co_tumor_prc		1498	1364	2059	1650	16.16481	15.68117	24.16908	21.79969
ENSMUSG1779.622	343.6262	331.8746	572.2875	522.4873	-0.58734	0.000909	0.012187	S100a6	chr3	+	90612894	90614414	719	protein_co_S100_calci		380	343	562	472	20.54839	19.7603	33.05791	31.24955
ENSMUSG1779.622	908.8009	947.2455	1527.458	1209.912	-0.49625	0.001418	0.01662	Nhp2	chr11	+	51619735	51623714	1042	protein_co_NHP2_ribc		1005	979	1500	1093	37.49916	38.91736	60.88237	49.93248
ENSMUSG1779.622	2626.932	2570.818	3498.897	3237.871	-0.34818	0.004946	0.039347	Poldip2	chr11	+	78512193	78522736	2054	protein_co_polymeras		2905	2657	3436	2925	54.98812	53.58207	70.74907	67.78852
ENSMUSG1779.622	1152.956	1062.386	1897.103	1403.631	-0.50446	0.00163	0.018119	Ift20	chr11	+	78536361	78541737	1167	protein_co_intraflagell		1275	1098	1863	1268	42.47785	38.97264	67.51652	51.72245
ENSMUSG1779.622	3775.367	4314.369	7112.862	5135.209	-0.53382	0.000414	0.00709	Pfdn5	chr15	+	1.02E+08	1.02E+08	1062	protein_co_prefoldin_		4175	4459	6985	4639	152.8464	173.9167	278.1698	207.9364
ENSMUSG1779.622	2763.478	3313.908	4462.214	3834.525	-0.40959	0.003041	0.028159	Rnd2	chr11	+	1.01E+08	1.01E+08	1578	protein_co_Rho_famil		3056	3425	4382	3464	75.29559	89.90461	117.4447	104.4965
ENSMUSG1779.622	1864.624	2254.425	2998.909	2637.897	-0.41069	0.003694	0.032102	Cyp5l1	chr5	-	4081145	4104746	3931	protein_co_cytochrom		2062	2330	2945	2383	20.3943	24.55168	31.68475	28.85704
ENSMUSG1779.622	603.1544	611.5007	939.8957	792.5866	-0.44789	0.005624	0.04277	Eef1e1	chr13	-	38645698	38659028	1032	protein_co_eukaryotic		667	632	923	716	25.12866	25.3668	37.82597	33.02661
ENSMUSG1779.622	900.6624	848.5539	1459.231	1192.201	-0.53261	0.000541	0.008434	Ssr4	chrX	+	73787028	73790830	2568	protein_co_signal_seq		996	877	1433	1077	15.07952	14.14598	23.60039	19.96418
ENSMUSG1779.622	322.8278	199.3183	422.5967	453.8555	-0.56638	0.006476	0.047221	Trappc6a	chr7	+	19508670	19516145	955	protein_co_trafficking		357	206	415	410	14.5341	8.934952	18.37861	20.43672
ENSMUSG1779.622	908.8009	947.2455	1527.458	1209.912	-0.49625	0.001418	0.01662	Nhp2	chr11	+	51619735	51623714	1042	protein_co_NHP2_ribc		1005	979	1500	1093	37.49916	38.91736	60.88237	49.93248
ENSMUSG1779.622	447.6184	419.9229	725.0333	570.0867	-0.48674	0.006189	0.045709	2310045N	chr8	+	70139499	70167488	1337	protein_co_RIKEN_cDN		495	434	712	515	14.39451	13.4458	22.5225	18.33608
ENSMUSG1779.622	2034.629	2034.788	2917.444	2669.998	-0.42354	0.000899	0.012111	Ndufa11	chr17	+	56717762	56724248	2661	protein_co_NADH_def		2250	2103	2865	2412	32.87463	32.73579	45.53526	43.14825
ENSMUSG1779.622	1827.755	1944.804	2953.085	2557.088	-0.5016	0.000184	0.003984	Abhd3	chr18	-	10644411	10706771	1962	protein_co_abhydrola		2021	2010	2900	2310	40.04889	42.43512	62.51252	56.04588
ENSMUSG1779.622	102.1836	167.3886	292.2536	246.8531	-0.68982	0.002186	0.022326	Mien1	chr11	-	98437708	98438991	747	protein_co_migration_		113	173	287	223	5.881404	9.592987	16.2491	14.21068
ENSMUSG1779.622	1115.881	1182.364	1762.686	1530.932	-0.46992	0.001014	0.013018	Clpp	chr17	+	56990264	56996371	1207	protein_co_caseinolyti		1234	1222	1731	1383	39.74944	41.93651	60.65377	54.54383
ENSMUSG1779.622	1255.14	1228.807	1807.492	1693.656	-0.45324	0.000833	0.011473	Naa20	chr2	+	1.46E+08	1.46E+08	1883	protein_co_N(alpha)-a		1388	1270	1775	1530	28.65909	27.93713	39.86723	38.6787
ENSMUSG1779.622	1165.616	1231.709	1917.469	1745.683	-0.55814	5.11E-05	0.001634	Mea1	chr17	+	46681137	46683105	840	protein_co_male_enh		1289	1273	1883	1577	59.66186	62.77367	94.80671	89.36822
ENSMUSG1779.622	61254.09	60783.36	89823.69	92935.21	-0.55311	2.20E-07	2.74E-05	Apoe	chr7	-	19696109	19699166	1386	protein_co_apolipoprc		67738	62821	88209	83955	1900.169	1877.457	2691.644	2883.461
ENSMUSG1779.622	5674.354	5299.35	7620.996	7187.521	-0.40574	0.000526	0.008357	Atp5d	chr10	+	80138632	80145818	1410	protein_co_ATP_synth		6275	5477	7484	6493	173.0286	160.8985	228.4826	219.2083
ENSMUSG1779.622	5880.53	5281.934	7884.919	6950.63	-0.45256	0.000942	0.012485	Abhd17a	chr10	-	80583654	80590341	1529	protein_co_abhydrola		6503	5459	8627	6279	165.3596	147.8884	234.2724	195.4851
ENSMUSG1779.622	5129.073	4156.656	6334.877	6048.454	-0.3819	0.003883	0.033273	Rabac1	chr7	-	24969750	24972728	875	protein_co_Rab_acc		5672	4296	6221	5464	252.0295	203.3689	300.6908	297.2579
ENSMUSG1779.622	4452.672	4959.735	8230.961	6128.156	-0.54928	0.000155	0.003513	Rps11	chr7	-	45122388	45124389	602	protein_co_ribosomal		4924	5126	8083	5536	318.0129	352.7041	567.8637	437.7542
ENSMUSG1779.622	770.4461	734.3813	1211.783	970.8079	-0.47073	0.003238	0.029403	Timm50	chr7	-	28305516	28312072	1515	protein_co_translocasi		852	759	1190	877	21.86503	20.75188	33.22021	27.5561
ENSMUSG1779.622	931.4079	927.8942	1377.767	1287.4	-0.47023	0.000985	0.012799	Dgcr6	chr16	+	18052860	18071632	1415	protein_co_DiGeorge		1030	959	1353	1163	28.30114	28.07311	40.43984	39.12497
ENSMUSG1779.622	1222.586	1137.856	1773.888	1642.735	-0.48608	0.000451	0.007487	Lin7b	chr7	-	45367891	45370583	735	protein_co_lin-7_hom		1352	1176	1742	1484	71.51753	66.27479	100.2372	96.11192
ENSMUSG1779.622	581.4517	543.7712	852.3215	757.1638	-0.45106	0.005341	0.041579	Fam162a	chr16	-	36043844	36071515	635	protein_co_family_wit		643	562	837	684	39.36955	36.65987	55.74678	51.27588
ENSMUSG1779.622	9455.347	8661.636	14186.01	11377.38	-0.45703	0.00054	0.008432	Rpl8	chr15	+	76904071	76906318	862	protein_co_ribosomal		10456	8952	13931	10278	471.6083	430.1711	683.5071	567.5865
ENSMUSG1779.622	2727.307	3118.46	4931.652	3856.664	-0.53155	0.000219	0.004559	Gstm5	chr3	+	1.08E+08	1.08E+08	1083	protein_co_glutathion		3016	3223	4843	3484	108.2745	123.2708	189.1272	153.1371
ENSMUSG1779.622	1359.132	1252.996	1947	1599.564	-0.39666	0.006914	0.034133	Cwc15	chr9	+	14500617	14510577	1111	protein_co_CWC15_hc		1503	1295	1912	1445	52.59786	48.28187	72.785	61.91338
ENSMUSG1779.622	610.3887	506.0362	809.5527	820.2607	-0.47312	0.004139	0.034885	Emg1	chr6	-	1.25E+08	1.25E+08	1074	protein_co_EMG1_nuc		675	523	795	741	24.43558	20.17092	31.30624	32.84314
ENSMUSG1779.622	2688.423	2509.862	4174.033	3501.329	-0.51624	0.00011	0.002838	Atp6v1f	chr6	+	29467718	29470512	806	protein_co_ATPase_H-		2973	2594	4099	3163	143.4112	133.3102	215.0854	186.8077
ENSMUSG1779.622	6079.471	6635.556	8458.043	9702.544	-0.47862	0.000108	0.002816	Sst	chr16	-	23889581	23890844	599	protein_co_family_tosta		6723	6858	8306	8765	436.3746	474.2409	586.4529	696.5556
ENSMUSG1779.622	840.0757	878.5484	1601.794	1044.975	-0.52526	0.003056	0.028248	Etfb	chr7	+	43444108	43457800	868	protein_co_electron_t		929	908	1573	944	41.61206	43.33058	76.6438	51.77057
ENSMUSG1779.622	1706.375	1573.26	2436.804	2052.312	-0.41157	0.00336	0.030221	Polr2e	chr10	-	80035949	80039795	2403	protein_co_polymeras		1887	1626	2393	1854	30.53102	28.0282	42.11695	36.7271
ENSMUSG1779.622	6286.551	6659.745	9066.99																				

ENSMUSGI	2791.511	3174.579	4890.92	4364.761	-0.58498	6.49E-06	0.000368	Hint1	chr11	+	54866383	54870501	636	protein_cohistidine_t	3087	3281	4803	3943	188.7134	213.6867	319.3916	295.1212
ENSMUSGI	6034.257	5963.099	9887.744	7607.06	-0.49702	0.000288	0.000547	Gnb2l1	chr11	+	48800332	48806434	4456	protein_coguanine_n	6673	6163	9710	6872	58.22361	57.28954	92.15992	73.41227
ENSMUSGI	1587.915	1568.422	2333.956	2272.598	-0.50419	8.96E-05	0.002461	Sar1b	chr11	+	51763687	51791925	1201	protein_coSAR1_gene	1756	1621	2292	2053	56.84662	55.90728	80.71228	81.37231
ENSMUSGI	4609.113	3956.371	6238.138	5182.808	-0.37958	0.005306	0.041343	Arf5	chr6	+	28423560	28426602	1116	protein_coADP-ribosy	5097	4089	6126	4682	177.5716	151.7684	232.1565	199.7091
ENSMUSGI	2819.544	2948.169	4896.012	3917.548	-0.55881	4.54E-05	0.001536	Guk1	chr11	-	59183875	59192212	1078	protein_coguanylate	3118	3047	4808	3539	112.4555	117.0798	188.6313	156.2761
ENSMUSGI	3952.606	3837.36	6637.313	4972.485	-0.52071	0.000275	0.005375	Rps27a	chr11	-	29545846	29548109	928	protein_cobiosomal	4371	3966	6518	4492	183.1285	177.0244	297.0533	230.4212
ENSMUSGI	651.9855	616.3385	1161.886	889.9995	-0.5996	0.000333	0.006029	Mrps24	chr11	-	5703983	5715680	995	protein_co mitochond	721	637	1141	804	28.17315	26.51824	48.49876	38.46482
ENSMUSGI	1040.826	975.3049	1567.172	1281.865	-0.44478	0.003346	0.030174	Supt4a	chr11	+	87737552	87743623	854	protein_cosuppressor	1151	1008	1539	1158	52.40113	48.89124	76.21646	64.54779
ENSMUSGI	547.0891	596.0196	982.6645	733.9175	-0.49896	0.004132	0.034885	Znhit3	chr11	-	84910950	84916366	998	protein_co zinc_finger	605	616	1639	663	23.56937	25.56693	40.89449	31.62377
ENSMUSGI	3644.246	3773.501	4755.485	4789.836	-0.34129	0.003638	0.031837	Ntsr2	chr12	+	16653470	16660236	1547	protein_co neurotensi	4030	3900	4670	4327	101.2833	104.4246	127.6717	133.1457
ENSMUSGI	4742.042	4410.158	6240.174	5646.626	-0.35196	0.003803	0.032681	Psmc5	chr11	+	1.06E+08	1.06E+08	1394	protein_coprotease_(5244	4558	6128	5101	146.2592	135.4378	185.9191	174.19
ENSMUSGI	2067.183	1995.118	2813.577	2629.041	-0.39104	0.002079	0.021401	Hn1	chr11	-	1.15E+08	1.16E+08	1375	protein_co hematod	2286	2062	2763	2375	64.63931	62.11755	84.98577	82.22268
ENSMUSGI	1573.446	1618.735	2107.892	2061.168	-0.35553	0.006198	0.045709	Fkbp3	chr12	-	65062436	65073944	947	protein_co FK506_bin	1740	1673	2070	1862	71.43687	73.17696	92.44606	93.59667
ENSMUSGI	2118.727	2063.815	3043.714	2769.625	-0.43975	0.000574	0.008833	Psmab	chr12	+	55384222	55418454	1042	protein_coproteasom	2343	2133	2989	2502	87.42341	84.79134	121.3183	114.3011
ENSMUSGI	3920.052	4004.749	6238.138	4805.333	-0.4357	0.00178	0.019229	Vti1b	chr12	-	79156017	79172667	1490	protein_covesicle_tra	4335	4139	6126	4341	113.1165	115.0635	173.8837	138.6865
ENSMUSGI	391.553	528.2901	764.7472	711.7782	-0.57353	0.001341	0.016113	Isca2	chr12	+	84773270	84775089	868	protein_co iron-sulfur	433	546	751	643	19.39507	26.05561	36.59218	35.26322
ENSMUSGI	1665.683	1633.249	2435.786	2025.745	-0.39617	0.004622	0.037421	Npc2	chr12	-	84754560	84773112	3261	protein_co Niemann-F	1842	1688	2392	1830	21.9615	21.44125	31.02262	26.71351
ENSMUSGI	509.1094	475.0741	933.7859	691.8528	-0.61075	0.00056	0.008651	Zfyve21	chr12	+	1.12E+08	1.12E+08	1310	protein_co vesicle	563	491	917	625	16.70938	15.62755	29.60527	22.71117
ENSMUSGI	1169.233	1404.903	2508.086	2166.33	-0.77439	1.24E-07	1.73E-05	2010107E	chr12	-	1.12E+08	1.12E+08	365	protein_co RIKEN_cd	1293	1452	2463	1957	137.7301	164.7791	285.3905	255.2282
ENSMUSGI	595.0159	594.0845	906.2917	975.2358	-0.58599	0.000157	0.003534	Uqcrc	chr13	-	66900617	66905378	565	protein_co ubiquinol-r	658	614	890	881	45.2794	45.10407	66.62076	74.22636
ENSMUSGI	1454.081	1342.012	2208.704	1699.191	-0.42999	0.004571	0.038278	Pdcd6	chr13	-	74303121	74317326	1524	protein_co program	1608	1387	2169	1535	41.0227	37.69814	60.19253	47.94619
ENSMUSGI	937.7379	788.5649	1687.332	1444.589	-0.76259	7.10E-07	7.05E-05	Ndufs6	chr13	-	73319874	73328542	568	protein_co NADH_def	1037	815	1657	1305	70.98288	59.43437	123.3793	109.3687
ENSMUSGI	10939.97	10915.09	17963.92	13470.65	-0.47776	0.000567	0.008733	Fam107a	chr14	-	8296274	8318023	3333	protein_co family_wit	12098	11281	17641	12169	141.1242	140.1976	223.8494	173.8002
ENSMUSGI	1707.28	1544.233	2588.532	2205.073	-0.50933	0.000267	0.005275	Ndufs4	chr13	-	1.14E+08	1.14E+08	1534	protein_co NADH_def	1888	1596	2542	1992	47.85197	43.09589	70.08389	61.81512
ENSMUSGI	2621.506	3499.68	4825.748	3871.055	-0.44919	0.003675	0.032072	Fam213a	chr14	-	40993740	41013788	1567	protein_co family_wit	2899	3617	4739	3497	71.92873	95.61101	127.9045	106.2325
ENSMUSGI	1679.247	1544.233	2361.45	2113.195	-0.43319	0.00138	0.016346	Spcl1	chr14	-	30999826	31001672	1241	protein_co signal_pep	1857	1596	2319	1909	58.1786	53.27083	79.03091	73.25292
ENSMUSGI	1562.595	1470.698	2300.352	1872.984	-0.41569	0.003959	0.03374	Esd	chr14	+	74732297	74750765	1988	protein_co esterase_C	1728	1520	2259	1692	33.79485	31.67055	48.05824	40.51489
ENSMUSGI	1020.027	1018.845	1600.776	1394.775	-0.50128	0.00051	0.008241	Cln10	chr14	+	1.19E+08	1.19E+08	1218	protein_co claudin_1C	1128	1053	1572	1260	20.60918	20.49676	31.24273	28.18575
ENSMUSGI	1357.324	1382.649	2045.775	1875.198	-0.47419	0.000419	0.007146	Psmb5	chr14	-	54614120	54617995	871	protein_coproteasom	1501	1429	2009	1694	67.00168	67.95829	97.55057	92.58187
ENSMUSGI	4931.036	4900.713	6253.412	6657.285	-0.36925	0.001455	0.016959	Sub1	chr15	-	11981339	11996983	3372	protein_co SUB1_horr	5453	5065	6141	6014	62.874	62.2186	77.02285	84.89978
ENSMUSGI	4805.341	4921.032	6616.947	5941.079	-0.3448	0.00403	0.034217	Eif3h	chr15	-	51786558	51865481	1253	protein_co eukaryotic	5314	5086	6498	5367	164.8897	168.1333	219.3293	203.8972
ENSMUSGI	762.3076	746.9597	1176.143	1002.91	-0.47014	0.002297	0.023073	Hrsp12	chr15	-	34484021	34495255	2986	protein_co heat-respc	843	772	1155	906	10.97643	10.70917	16.35913	14.44339
ENSMUSGI	4774.596	4802.989	9032.367	6745.842	-0.65276	4.22E-06	0.00027	Ndufb9	chr15	+	58933810	58939489	651	protein_co NADH_def	5280	4964	6870	6094	315.3379	315.8487	576.2496	445.6072
ENSMUSGI	988.3775	1060.451	1714.826	1273.009	-0.47658	0.003091	0.028496	Mrlp13	chr15	-	55534094	55557748	6008	protein_co mitochond	1093	1096	1684	1150	7.073159	7.556297	11.85442	9.111684
ENSMUSGI	1090.561	1105.926	1677.149	1360.459	-0.41847	0.005229	0.040997	Cby1	chr15	+	79659227	79667660	1119	protein_co chibby_ho	1206	1143	1647	1229	41.90254	42.31015	62.24888	52.28204
ENSMUSGI	1490.253	1290.731	2098.727	2052.312	-0.52692	0.000132	0.003159	Ndufa6	chr15	-	82350139	82354291	560	protein_co NADH_def	1648	1334	2061	1854	114.4175	98.67251	155.6532	157.5986
ENSMUSGI	2053.619	2000.923	3450.018	2635.683	-0.52725	0.000313	0.002793	Smtd1	chr15	+	82338959	82349091	705	protein_co single-pass	2271	2068	3368	2381	125.2423	121.5038	203.3461	167.7685
ENSMUSGI	8275.966	9981.394	16822.4	11326.46	-0.54829	0.000585	0.008953	Arc	chr15	-	74669083	74672570	3055	protein_co activity_re	9152	10316	16520	10232	116.4737	139.8713	228.7004	159.4337
ENSMUSGI	1098.7	935.6347	1591.611	1264.154	-0.43021	0.006724	0.048516	Zcbr1	chr15	-	93386097	93398334	1744	protein_co zinc_finger	1215	967	1563	1142	27.08651	22.96722	37.90361	31.17097
ENSMUSGI	908.8009	1054.645	1576.336	1347.176	-0.51191	0.000754	0.010687	Fopnl	chr16	-	14299244	14317375	1465	protein_co Fgfr1op_N	1005	1090	1548	1217	26.67176	30.81891	44.68907	39.54428
ENSMUSGI	418.6814	378.3177	683.2828	585.5842	-0.56862	0.001157	0.014392	Sdf2l1	chr16	-	17130138	17132383	1108	protein_co stromal_ce	463	391	671	529	16.24667	14.61724	25.61243	22.72724
ENSMUSGI	1003.75	1026.586	1798.327	1384.813	-0.57405	0.000226	0.004648	Ndufb4	chr16	-	37647170	37654453	971	protein_co NADH_def	1110	1061	1766	1251	44.44541	45.26104	76.92004	61.32941
ENSMUSGI	18694.1	18500.8	24475.98	22103.87	-0.30594	0.006958	0.049407	Eif4a2	chr16	+	23107444	23114136	2708	protein_co eukaryotic	20673	19121	24036	19968	296.8097	292.4761	375.389	351.0077
ENSMUSGI	2366.499	2403.43	3550.83	3194.7	-0.46374	0.000243	0.004895	Atp5j	chr16	-	84827866	84835625	927	protein_co ATP_synth	2617	2484	3487	2886	109.7608	110.9942	159.089	148.1997
ENSMUSGI	418.6814	443.1445	832.9737	547.9475	-0.55101	0.003962	0.03374	Cbr3	chr16	+	93683215	93690990	1170	protein_co carbonyl_r	463	458	818	495	15.38574	16.21467	29.56892	20.13956
ENSMUSGI	3108.009	3449.367	5303.334	4430.072	-0.52328	8.91E-05	0.002454	Atp5o	chr16	-	91684398	91931687	932	protein_co ATP_synth	3437	3565	5208	4002	143.3794	158.4426	236.3323	204.4052
ENSMUSGI	4305.275	4428.542	6275.815	5884.624	-0.44808	0.000131	0.003158	Sod1	chr16	+	90220742	90226322	646	protein_co superoxide	4761	4577	6163	5316	286.5424	293.4788	403.4853	391.7267
ENSMUSGI	1509.242	1061.418	2292.205	1742.362	-0.55414	0.001333	0.01608	Cox14	chr15	+	99725618	99728136	723	protein_co cytochrom	1669	1097	2251	1574	89.7514	62.84876	131.6756	105.6328
ENSMUSGI	1253.331																					

ENSMUSGI	831.0329	794.3703	1209.747	1033.905	-0.41355	0.006878	0.04921	Pdrg1	chr2	-	1.53E+08	1.53E+08	1299	protein_cop53_and_f	919	821	1188	934	27.50613	26.17956	38.67901	34.22697
ENSMUSGI	1705.418	1673.886	2507.067	2432.001	-0.50291	8.14E-05	0.002742	Fabp5	chr3	+	10012548	10016607	3238	protein_cofatty_acid	1897	1730	2462	2197	22.7779	22.13083	32.15727	32.29862
ENSMUSGI	6200.645	5239.361	8877.585	6798.976	-0.40998	0.004624	0.032821	Car2	chr3	+	14886426	14900769	1789	protein_cocarbonic_a	6857	5415	8718	6142	149.0208	125.3766	206.0984	163.4294
ENSMUSGI	2562.728	2534.051	4311.504	3458.157	-0.55527	5.34E-05	0.001698	PsmA7	chr2	-	1.8E+08	1.8E+08	1515	protein_coproteasom	2834	2619	4234	3124	72.72946	71.6063	118.1969	98.15877
ENSMUSGI	673.6882	787.5974	1306.486	904.39	-0.50371	0.00453	0.036912	Nkain1	chr2	-	1.81E+08	1.81E+08	950	protein_coNa+/K+_tr	745	814	1283	817	30.48989	35.49189	57.11775	40.93824
ENSMUSGI	14899.81	12165.19	19668.57	17078.25	-0.40568	0.002184	0.023236	Tmn3	chr2	-	1.81E+08	1.81E+08	1136	protein_costathmin-li	16477	12573	19315	15428	563.9271	458.4468	719.0919	646.4903
ENSMUSGI	5488.977	5223.88	7478.434	7065.755	-0.41443	0.000355	0.006353	Map11c3a	chr2	+	1.55E+08	1.55E+08	1112	protein_comicrotubu	6070	5399	7344	6383	212.2301	201.1115	279.3161	273.2441
ENSMUSGI	507.3008	507.9713	701.6123	789.2657	-0.48155	0.00334	0.030143	1110008F1	chr2	+	1.57E+08	1.57E+08	2004	protein_coRIKEN_cDN	561	525	689	713	10.88399	10.8515	14.54084	16.93646
ENSMUSGI	1572.542	1701.946	2501.976	2020.21	-0.42052	0.00363	0.031824	Ndufb5	chr3	+	32736990	32751566	1079	protein_coNADH_def	1739	1759	2457	1825	62.66158	67.52627	96.30564	80.51414
ENSMUSGI	1115.881	1090.445	1740.284	1481.119	-0.49282	0.000655	0.009767	Pdcd10	chr3	-	75516490	75556856	1927	protein_coprogramm	1234	1127	1709	1338	24.89755	24.22538	37.50839	33.05256
ENSMUSGI	1329.291	1371.039	1886.92	1689.228	-0.37011	0.007066	0.049899	4933434E	chr3	+	90051636	90068347	3097	protein_coRIKEN_cDN	1470	1417	1853	1526	18.45437	18.95209	25.30476	23.45546
ENSMUSGI	1062.528	1128.18	1622.16	1382.599	-0.41046	0.005001	0.039597	Hlx1	chr3	-	89995457	89998686	1117	protein_coHCLS1_ass	1175	1166	1593	1249	40.89855	43.23881	60.31574	53.22798
ENSMUSGI	839.1714	937.5699	1292.229	1214.34	-0.44604	0.002486	0.02428	Lamtor2	chr3	-	88549819	88553074	668	protein_colate_endos	928	969	1269	1097	54.01255	60.08633	80.34395	78.17374
ENSMUSGI	8867.365	8468.123	12965.06	10461.92	-0.401	0.00201	0.020919	Rps3a1	chr3	-	86137940	86142702	977	protein_coribosomal	9806	8752	12732	9451	390.2299	371.0574	551.1504	460.4833
ENSMUSGI	1357.324	1296.536	1769.814	1747.897	-0.37289	0.005404	0.041795	F3	chr3	+	1.22E+08	1.22E+08	1876	protein_coaogalatio	1501	1340	1738	1579	31.10792	29.58696	39.18185	40.06637
ENSMUSGI	3345.834	3444.529	5371.56	4396.863	-0.48234	0.000279	0.005433	Rps20	chr4	-	3831334	3835665	3706	protein_coribosomal	3700	3560	5275	3972	38.81678	39.78991	60.19842	51.01931
ENSMUSGI	2174.792	1892.556	3007.055	2724.24	-0.45341	0.000761	0.010753	Chmp5	chr4	+	40948407	40965303	1519	protein_cocharged_r	2405	1956	2953	2461	61.55743	53.33833	82.21929	77.12311
ENSMUSGI	1819.41	1695.173	2813.577	2242.71	-0.47375	0.001031	0.013173	Enho	chr4	-	41638144	41640324	1269	protein_coenergy_ho	2012	1752	2763	2026	61.64382	57.18747	96.09866	75.99911
ENSMUSGI	2297.774	2034.788	3269.778	2886.964	-0.46496	0.000529	0.008357	Dctn3	chr4	-	41714798	41723170	973	protein_co dyactin_3	2541	2103	3211	2608	101.5348	89.52716	139.5711	127.5926
ENSMUSGI	555.2276	755.6678	1094.678	893.3204	-0.50803	0.003971	0.033769	Ccdc107	chr4	+	44492900	43495921	942	protein_co coiled-coil	614	781	1075	807	25.34199	34.34223	48.26425	40.78058
ENSMUSGI	1062.528	1296.536	1769.814	1747.897	-0.37289	0.005404	0.041795	F3	chr4	+	44004452	44032846	1710	protein_co clathrin_lig	6268	5900	7129	6516	142.5135	142.9171	176.3196	161.391
ENSMUSGI	5780.155	6435.271	10085.29	7890.443	-0.50855	0.000222	0.004591	Rps6	chr4	-	86854660	86857412	1128	protein_co ribosomal	6392	6651	9904	7128	220.3184	244.2341	371.3381	300.8079
ENSMUSGI	2342.084	2426.651	3961.207	3203.555	-0.53612	9.68E-05	0.00259	Ndufs5	chr4	-	1.24E+08	1.24E+08	680	protein_coNADH_def	2590	2508	3890	2894	148.086	152.7731	241.9406	202.5911
ENSMUSGI	381.606	315.426	590.617	482.6365	-0.51114	0.006166	0.045573	Hmgcl	chr4	+	1.36E+08	1.36E+08	1418	protein_co3-hydroxy-	422	326	580	436	11.57069	9.522911	17.28995	14.63663
ENSMUSGI	3713.876	3818.977	6010.037	4831.9	-0.48199	0.000326	0.005953	Prdx1	chr4	+	1.17E+08	1.17E+08	2294	protein_co peroxidredc	4107	3947	5902	4365	69.60725	71.26923	108.8113	90.57775
ENSMUSGI	8391.714	8253.324	11126	10466.35	-0.35409	0.001687	0.018544	Akr1a1	chr4	-	1.17E+08	1.17E+08	2227	protein_coaldo-keto-	9280	8530	10926	9455	162.0134	158.6653	207.4995	202.1027
ENSMUSGI	273.734	2267.003	3235.156	2838.257	-0.35813	0.005954	0.043557	Cmpk1	chr4	-	1.15E+08	1.15E+08	3170	protein_co cytidine_r	2625	2343	3177	2564	32.19536	30.6155	42.38635	38.50255
ENSMUSGI	727.0407	752.7651	1063.111	995.1611	-0.42544	0.004638	0.037468	Mrt04	chr4	-	1.39E+08	1.39E+08	1221	protein_coMRT4_mR	804	778	1044	899	25.60319	26.39322	36.16204	35.04893
ENSMUSGI	2317.668	2530.181	3718.851	3112.784	-0.45309	0.000839	0.011496	Eif3i	chr4	-	1.3E+08	1.3E+08	2323	protein_co eukaryotic	2563	2615	3652	2812	42.89657	46.62844	66.48897	57.62313
ENSMUSGI	1877.284	1756.129	2562.056	2322.412	-0.39287	0.002893	0.027031	Rpl22	chr4	+	1.52E+08	1.52E+08	2051	protein_co ribosomal	2076	1815	2516	2098	39.35364	36.65552	51.88156	48.69345
ENSMUSGI	2660.39	2245.717	3562.032	3035.297	-0.38842	0.005532	0.042277	Park7	chr4	-	1.51E+08	1.51E+08	937	protein_co Parkinson	2942	2321	3498	2742	122.0749	102.6039	157.8877	139.3024
ENSMUSGI	632.0914	475.0741	1022.378	760.4846	-0.56906	0.001947	0.020455	Slc25a33	chr4	-	1.5E+08	1.5E+08	1887	protein_co solute_car	699	491	1004	687	14.40219	10.77799	22.50245	17.33068
ENSMUSGI	805.713	635.6898	1519.311	1342.748	-0.86756	5.72E-08	9.56E-06	Tom7	chr4	-	23838944	23844161	1125	protein_co translocasi	891	657	1492	1213	30.79274	24.1903	56.08986	51.32619
ENSMUSGI	1823.027	1784.189	2774.882	2371.118	-0.46952	0.000516	0.008307	Fam213b	chr5	-	1.55E+08	1.55E+08	883	protein_co family_wit	2016	1844	2725	2142	88.7673	86.50249	130.519	115.4754
ENSMUSGI	1101.412	1235.58	2057.995	1536.467	-0.54598	0.0006	0.009135	Mrlp20	chr5	+	1.56E+08	1.56E+08	810	protein_co mitochond	1218	1277	2021	1388	58.46359	65.30317	105.5235	81.57088
ENSMUSGI	537.142	534.0955	1231.131	711.7782	-0.68482	0.00047	0.007725	Mrlp33	chr5	+	31596935	31701972	2741	protein_co mitochond	594	552	1209	643	8.425595	8.341774	18.65457	11.1669
ENSMUSGI	1140.296	1046.905	1672.057	1427.984	-0.45251	0.002031	0.021073	Grpel1	chr5	+	36464998	36474080	3528	protein_co GrPe-like_	1261	1082	1642	1290	13.89663	12.70361	19.68397	17.40571
ENSMUSGI	1212.638	1306.018	15882.51	17014.05	-0.3629	0.001485	0.017148	Uchl1	chr5	+	66676098	66687231	1167	protein_co ubiquitin_c	13407	13498	15597	15370	446.6671	479.1008	565.247	626.9512
ENSMUSGI	2911.78	2657.899	4208.656	3696.155	-0.46644	0.000316	0.005834	Vps29	chr5	+	1.22E+08	1.22E+08	2716	protein_co vacuolar_f	3220	2747	4133	3339	46.09452	41.89452	64.35817	58.52176
ENSMUSGI	7990.214	8233.973	11346.98	9672.656	-0.34818	0.004542	0.036925	Rpl6	chr5	+	1.21E+08	1.21E+08	1270	protein_co ribosomal	8836	8510	11143	8738	270.5049	277.5583	371.0791	327.5209
ENSMUSGI	1334.717	1215.261	1653.728	1762.288	-0.38421	0.005479	0.04207	Erp29	chr5	-	1.21E+08	1.21E+08	5204	protein_co endoplasm	1476	1256	1624	1592	11.02738	9.997254	13.19826	14.56252
ENSMUSGI	5017.847	4761.384	7986.568	6714.847	-0.54483	1.85E-05	0.00081	Ndufa9	chr5	-	11900373	11907446	492	protein_co NADH_def	5549	4921	7843	6066	438.5032	414.3016	674.1944	586.9053
ENSMUSGI	1205.405	1262.682	1605.867	1595.136	-0.37585	0.005561	0.042407	Pml1d	chr5	+	1.47E+08	1.47E+08	1196	protein_co polymeras	1333	1243	1577	1441	43.33334	43.04952	55.76588	57.35397
ENSMUSGI	2470.492	2395.689	3577.306	3100.608	-0.4214	0.001192	0.014697	Pomp	chr5	+	1.48E+08	1.48E+08	734	protein_coproteasom	2732	2476	3513	2801	144.7131	139.7278	202.4185	181.6552
ENSMUSGI	1654.832	1106.894	2340.065	1899.551	-0.52695	0.002271	0.022867	Npy	chr6	+	49822710	49829507	566	protein_co neurocept	1830	1144	2298	1716	125.7065	83.72169	171.7124	144.3217
ENSMUSGI	972.1005	970.467	1653.728	1182.238	-0.47354	0.004194	0.035203	Fam333	chr6	-	39801804	39810988	1107	protein_co mitochond	1075	1003	1624	1068	37.75583	37.53027	62.04495	45.92555
ENSMUSGI	1697.333	1793.864	2772.845	2285.882	-0.48653	0.000515	0.008307	Chchd6	chr6	-	89383146	89595652	1126	protein_co coiled-coil	1877	1854	2723	2065	64.81105	68.20241	102.2768	87.29963
ENSMUSGI	2116.918	2278.614	3135.362	2961.13	-0.43765	0.000546	0.008459	Camk1	chr6	-	1.13E+08	1.13E+08	4744	protein_co calcium/ca	2341	2355	3079	2675	19.1858	20.56244	27.44941	26.84169
ENSMUSGI	217.9314	253.5019	481.6584	335.4103	-0.6102	0.0																

ENSMUSGI	3812.442	2961.714	5527.361	4147.796	-0.45411	0.003697	0.032102	Rnf13	chr3	+	57736066	57835233	2676	protein_co ring_finger	4216	3061	5428	3747	61.25445	47.38115	85.78705	66.65432
ENSMUSGI	3437.166	3037.185	5073.197	3773.642	-0.4035	0.006704	0.048474	Cuedc2	chr19	-	46329812	46338660	1941	protein_co CUE_dome	3801	3139	4982	3409	76.13696	66.98756	108.5541	83.60499
ENSMUSGI	4182.293	3930.246	6926.512	5579.101	-0.57285	1.91E-05	0.008821	Cox6b1	chr7	-	30616974	30626151	505	protein_co cytochrom	4625	4602	6802	5040	356.0767	333.1785	569.6568	475.0834
ENSMUSGI	234.2084	273.8207	437.8712	375.261	-0.54421	0.005098	0.040211	Rps27l	chr9	+	66946086	66949516	575	protein_co ribosomal	259	283	430	339	17.51278	20.3867	31.62777	28.06484
ENSMUSGI	977.5261	1073.996	1797.309	1560.82	-0.64096	1.03E-05	0.000527	Mrpl41	chr2	-	24974117	24975098	776	protein_co mitochond	1081	1110	1765	1410	54.16106	59.25017	96.19467	86.49442
ENSMUSGI	350.8604	283.4964	499.9879	555.6962	-0.60427	0.001129	0.014127	Mrpl55	chr11	+	59202486	59206134	940	protein_co seleno	388	293	491	502	16.04823	12.91125	22.09132	25.42182
ENSMUSGI	1758.824	1650.665	2493.83	2361.155	-0.47057	0.000291	0.005586	C1qa	chr4	-	1.37E+08	1.37E+08	1040	protein_co compleme	1945	1706	2449	2133	72.71256	67.94759	99.59178	97.63111
ENSMUSGI	2616.985	2591.137	3733.107	3273.294	-0.39612	0.001947	0.020455	Paip2	chr18	+	35598617	35617186	1521	protein_co polyadeny	2894	2678	3666	2957	73.97628	72.93059	101.9369	92.54497
ENSMUSGI	4679.646	5027.464	8152.552	5866.912	-0.47553	0.001344	0.016118	15-Sep	chr3	+	1.45E+08	1.45E+08	1514	protein_co seleno	5175	5196	8006	5300	132.8947	142.1581	223.6443	166.6406
ENSMUSGI	21598.72	22262.69	31320.01	26215.13	-0.365	0.002845	0.026681	Psd	chr19	-	46312087	46327156	3903	protein_co cpleckstrin	23885	23009	30757	23682	237.9304	244.1898	333.2832	288.8355
ENSMUSGI	776.7761	778.8893	1136.429	1084.825	-0.46154	0.001729	0.018928	Ndufc1	chr3	-	51404677	51408988	1249	protein_co NADH_def	859	805	1116	980	26.73954	26.69696	37.78938	37.35032
ENSMUSGI	438.5756	421.8581	766.7838	663.0718	-0.62972	0.0002	0.004257	Lsm1	chr8	+	25785591	25803975	2360	protein_co LSM1_hon	485	436	753	599	7.990113	7.652492	13.49432	12.08219
ENSMUSGI	882.5768	960.7914	1379.804	1273.009	-0.47336	0.001142	0.014256	Sf3b6	chr12	+	4817608	4827658	1115	protein_co splicing_fa	976	993	1355	1150	34.03283	36.8895	51.39637	49.09686
ENSMUSGI	1520.094	1535.525	2170.008	1965.969	-0.40113	0.00266	0.025523	Nenf	chr1	-	1.91E+08	1.91E+08	742	protein_co neuron_de	1681	1587	2131	1776	88.08196	88.59341	121.464	113.9383
ENSMUSGI	3564.67	3747.377	7010.013	5250.333	-0.67402	2.66E-06	0.000184	Rps16	chr7	+	28350652	28352696	650	protein_co ribosomal	3942	3873	6884	4743	235.7906	246.8099	447.9149	347.3525
ENSMUSGI	1369.079	1404.903	2010.135	1814.315	-0.42413	0.001775	0.019229	Mrps26	chr2	+	1.31E+08	1.31E+08	4278	protein_co mitochond	1514	1452	1974	1639	13.75968	14.05899	19.51526	18.23765
ENSMUSGI	6182.54	74102.85	98441.6	84000.9	-0.34397	0.00483	0.038692	Eef1a1	chr9	-	78478449	78489151	1794	protein_co eukaryotic	74294	76587	96672	75884	1610.106	1768.321	2279.01	2013.532
ENSMUSGI	674.0058	673.4248	1022.378	904.39	-0.51273	0.001153	0.014355	Mrpl23	chr7	+	1.43E+08	1.43E+08	712	protein_co ribosom	679	696	1004	817	37.07771	40.49092	59.63782	54.62265
ENSMUSGI	3845.901	4528.201	6650.551	5720.793	-0.51702	0.000108	0.002812	Rpl10a	chr17	+	28328471	28331032	1618	protein_co ribosomal	4253	4680	6531	5168	102.1974	119.8107	170.714	152.0459
ENSMUSGI	2660.39	2327.96	3781.986	3120.533	-0.4261	0.002304	0.023099	H2afz	chr3	+	1.38E+08	1.38E+08	1069	protein_co H2A_histo	2942	2406	3714	2819	107.0011	93.22798	146.9374	125.5302
ENSMUSGI	444.9055	620.2088	856.3947	797.0145	-0.53403	0.002711	0.004585	1110032A	chr9	-	50762828	50775520	2761	protein_co RIKEN_cD	492	641	841	720	6.928223	6.616566	12.88242	12.41357
ENSMUSGI	259.5282	269.9505	420.5601	433.9301	-0.56663	0.002405	0.023789	Smim3	chr18	-	60474193	60501983	1984	protein_co small_inte	287	279	413	392	5.624234	5.824933	8.803927	9.405353
ENSMUSGI	5671.971	5627.354	7938.053	7624.772	-0.56727	2.57E-05	0.040201	Fau	chr19	+	6057888	6059524	736	protein_co Finkel-Bisk	6279	5816	9563	6888	331.6926	327.3218	549.5211	475.4983
ENSMUSGI	1699.907	1632.281	2303.406	2072.238	-0.36432	0.006197	0.057079	Higd1a	chr9	-	1.22E+08	1.22E+08	1873	protein_co HIG1_dom	1871	1687	2262	1872	38.83821	37.30832	51.0767	47.57719
ENSMUSGI	377.9888	167.3886	521.3723	481.5296	-0.6068	0.00693	0.049344	Hdh3	chr4	-	62499008	62503467	1205	protein_co haloacid_c	418	173	512	435	13.48691	5.946856	17.97012	17.18434
ENSMUSGI	576.9303	551.5117	836.0286	764.9125	-0.44241	0.005721	0.043213	Polr2l	chr7	-	1.41E+08	1.41E+08	1650	protein_co polymeras	638	570	821	691	15.03349	14.30933	21.04395	19.93539
ENSMUSGI	2493.099	2579.527	3538.611	3068.506	-0.35204	0.006722	0.048516	Fndc4	chr5	-	31292255	31295877	2757	protein_co fibronectr	2757	2666	3475	2772	47.40885	48.84138	65.00133	58.36109
ENSMUSGI	391.553	355.0961	557.013	542.4126	-0.47263	0.006992	0.04958	Mcd30	chr15	+	52712445	52730431	871	protein_co mediator_or	433	367	547	490	19.32827	17.45325	26.56056	26.77988
ENSMUSGI	3242.746	3232.633	5582.349	4466.602	-0.58055	1.80E-05	0.000793	Atp5j2	chr5	-	1.45E+08	1.45E+08	955	protein_co ATP_synth	3586	3341	5482	4035	145.9923	144.911	242.7748	201.1272
ENSMUSGI	716.1894	657.9438	1177.161	863.4323	-0.48842	0.004302	0.035745	Josd2	chr7	+	44467980	44471652	1128	protein_co Josephin_c	792	680	1156	780	27.29853	24.97055	43.34278	32.91669
ENSMUSGI	2597.091	2995.579	5048.757	3889.873	-0.6089	3.11E-05	0.001143	Atp5l	chr9	-	44913250	44920742	511	protein_co ATP_synth	2872	3096	4958	3514	218.5177	250.9623	410.3493	327.3494
ENSMUSGI	1648.502	1669.049	2875.694	2339.016	-0.59245	2.61E-05	0.001033	Phb	chr11	+	9566957	95680773	1799	protein_co prohibitin	1823	1725	2824	2113	39.39841	39.7179	66.38983	55.91123
ENSMUSGI	6112.025	6051.147	10894.85	7405.593	-0.52307	0.000675	0.009934	Rpl12	chr2	+	32961559	32964496	1242	protein_co ribosomal	6759	6254	10699	6690	211.5846	208.5762	364.3255	256.4102
ENSMUSGI	4533.153	4564.969	9713.614	7518.503	-0.84178	7.72E-10	4.19E-07	Rps21	chr2	+	1.8E+08	1.8E+08	481	protein_co ribosomal	5013	4718	9539	6792	405.2059	406.2948	838.737	672.1765
ENSMUSGI	1405.25	1577.13	2694.436	2030.173	-0.58902	0.000133	0.003159	Timm8b	chr9	+	50603901	50605320	527	protein_co translocasi	1554	1630	2646	1834	114.6472	128.1166	212.3475	165.6607
ENSMUSGI	2452.406	2222.495	3564.068	2934.563	-0.43304	0.001771	0.019227	Atp6v1g1	chr4	+	63544772	63550750	1135	protein_co ATPase_H+	2712	2297	3500	2651	92.90028	83.82885	130.4188	111.1846
ENSMUSGI	604.0587	685.0356	1064.129	882.2507	-0.51813	0.001509	0.01722	Rlbp1	chr7	-	79374871	79387027	2202	protein_co retinaldeh	668	708	1045	797	11.79458	13.31816	20.07091	17.22946
ENSMUSGI	3960.744	3057.503	6203.515	4720.097	-0.56505	0.00027	0.005313	1110008P	chr2	-	32377097	32381938	2618	protein_co RIKEN_cD	4380	3160	6092	4264	65.04706	49.99722	98.41432	77.53151
ENSMUSGI	680.922	794.3703	1149.667	1007.338	-0.48294	0.002235	0.022647	Rpl22l1	chr3	+	28805436	28807352	489	protein_co ribosomal	753	821	1129	910	59.87	69.54448	97.6457	88.58562
ENSMUSGI	30448	26341.94	36821.92	36040.55	-0.33717	0.004126	0.034885	Pcsk1n	chrX	+	7919822	79234410	2193	protein_co proprotein	33671	27225	36160	32558	596.9536	514.2303	697.3613	706.7239
ENSMUSGI	396.9787	365.7393	566.1777	562.338	-0.48041	0.005662	0.042959	Mettl22	chr16	+	8470788	8490684	1825	protein_co methyltr	439	378	556	508	9.352438	8.579408	12.88487	13.25048
ENSMUSGI	620.3357	538.9333	823.8089	841.2931	-0.45668	0.004575	0.03711	Tcta	chr9	-	1.08E+08	1.08E+08	1628	protein_co T_cell_leu	686	557	809	760	16.38298	14.17194	21.01659	22.22335
ENSMUSGI	458.505	5924.397	8060.904	7164.275	-0.35857	0.002748	0.025984	Ppt2r4	chr2	+	30416039	30447806	3738	protein_co protein_pf	6357	6123	7916	6472	66.12049	67.85054	89.56421	82.41949
ENSMUSGI	454.8526	536.9982	803.4428	747.2011	-0.55706	0.000862	0.011724	Mrpl12	chr11	+	1.2E+08	1.2E+08	1316	protein_co mitochond	503	555	789	675	14.86056	17.4689	25.35649	24.41623
ENSMUSGI	290.2737	278.6585	513.2258	440.5719	-0.61357	0.000959	0.012581	Mrps6	chr16	+	92058270	92112227	846	protein_co mitochond	321	288	504	398	14.75224	14.10102	25.1958	22.39461
ENSMUSGI	2537.408	2463.419	3679.137	3189.165	-0.42271	0.001112	0.01395	Ndufb10	chr17	-	24722060	24724478	834	protein_co NADH_def	2806	2546	3610	2881	130.8112	126.4505	183.2188	164.4402
ENSMUSGI	6265.753	6437.206	10760.43	7745.431	-0.48851	0.000831	0.011458	Ppp1ca	chr19	+	4192158	4195419	1379	protein_co protein_pf	6929	6653	10567	6997	195.3572	199.8396	324.0824	241.534
ENSMUSGI	1268.704	1334.271	2246.381	1867.449	-0.59745	3.00E-05	0.001132	Snrpd2	chr7	+	19149722	19152735	613	protein_co small_nucl	1403	1379	2206	1687	88.98573	93.18203	152.1994	131.0042
ENSMUSGI	3128.807	3904.122	6422.451	4761.055	-0.93929	0.000123	0.003024	Rps19	chr7</													

ENSMUSGI	1102.317	1177.526	1791.199	1402.524	-0.43218	0.004889	0.038976	Cryz11	chr16	-	91689322	91728975	1965	protein_ccrystallin_i	1219	1217	1759	1267	24.11928	25.65408	37.85919	30.69338
ENSMUSGI	195.3244	312.5233	488.7865	426.1814	-0.64655	0.001857	0.019686	Rpl23a	chr11	-	78180932	78183584	588	protein_ccribosomal	216	323	480	385	14.28235	22.75378	34.52486	31.16837
ENSMUSGI	5922.127	6741.021	10580.19	7889.336	-0.49109	0.000702	0.0102	Rpl5	chr5	+	1.08E+08	1.08E+08	2045	protein_ccribosomal	6549	6967	10390	7127	124.5102	141.1175	214.2772	165.8991
ENSMUSGI	734.275	686.0031	2908.28	3810.172	-1.9964	1.41E-39	7.2E-36	Rpl30	chr15	-	34440505	34443640	2412	protein_ccribosomal	812	709	2856	3442	13.08886	12.17579	50.07823	67.93042
ENSMUSGI	1428.762	1150.434	1856.37	1776.678	-0.44357	0.002621	0.025263	28104281	chr8	-	70504292	70506752	837	protein_ccRIKEN_cDN	1580	1189	1823	1605	73.39303	58.84164	92.11476	91.28098
ENSMUSGI	483.7895	369.6096	749.4726	616.5793	-0.56221	0.002175	0.022258	Cecr5	chr6	-	1.21E+08	1.21E+08	1928	protein_cccat_eye_sj	535	382	736	557	10.78872	8.207005	16.14503	13.75241
ENSMUSGI	3469.72	3777.371	6088.447	4927.099	-0.55331	4.28E-05	0.001484	Rpl18	chr7	+	45715457	45720835	2987	protein_ccribosomal	3837	3904	5979	4451	49.94359	54.13809	84.6567	70.93378
ENSMUSGI	137.4505	113.205	285.1255	315.4849	-0.93405	1.13E-05	0.000564	Naa38	chr11	+	69395487	69396680	671	protein_ccN(alpha)-a	152	117	280	285	8.807329	7.222569	17.64833	20.21869
ENSMUSGI	5406.687	5242.264	9933.568	7226.265	-0.62037	1.95E-05	0.000827	Rpl11	chr4	-	1.36E+08	1.36E+08	917	protein_ccribosomal	5979	5418	9755	6528	253.5026	244.7361	449.9103	338.8766
ENSMUSGI	2106.067	1961.253	3000.946	2458.568	-0.38631	0.005716	0.043204	Hadhb	chr5	+	30155248	30184593	4388	protein_cchydroxyac	2329	2027	2947	2221	20.63603	19.13443	28.40413	24.09421
ENSMUSGI	1861.912	2203.144	4106.825	2891.391	-0.68671	1.88E-05	0.000817	Uqcr10	chr11	-	4701973	4704342	510	protein_ccubiquitin-l	2059	2277	4033	2612	156.9674	184.9359	334.4461	243.8
ENSMUSGI	1120.402	1126.245	1641.508	1833.133	-0.57235	3.95E-05	0.001402	H2afj	chr6	+	1.37E+08	1.37E+08	1827	protein_ccH2A_histo	1239	1164	1612	1656	26.36671	26.39021	37.31595	43.14719
ENSMUSGI	2331.233	2243.782	3389.938	2896.926	-0.42177	0.001448	0.016891	Psm3	chr12	+	70974621	70996347	2846	protein_ccproteasom	2578	2319	3329	2617	35.21853	33.75159	49.47057	43.77232
ENSMUSGI	11706.8	12099.39	19249.02	14600.86	-0.46377	0.000716	0.010336	Tpt1	chr14	+	75845093	75848525	1169	protein_cctumor_prc	12946	12505	18903	13190	430.5705	443.0957	683.8868	537.1072
ENSMUSGI	1809.463	1654.535	3483.622	2381.081	-0.66286	4.46E-05	0.001531	Gm10076	chr14	+	1.06E+08	1.06E+08	384	protein_ccpredicted_	2001	1710	3421	2151	202.5998	184.4562	376.7818	266.649
ENSMUSGI	1341.047	1436.833	2308.498	1792.176	-0.50197	0.000858	0.011684	Pop5	chr5	+	1.15E+08	1.15E+08	1587	protein_ccprocessing	1483	1485	2267	1619	36.33184	38.75948	60.4147	48.56246
ENSMUSGI	754.1691	620.2088	1316.669	828.0095	-0.52401	0.005471	0.04207	Pou3f3os	chr1	-	42590782	42694842	2085	lincRNA_POU_dom	834	641	1293	748	15.55189	12.73445	26.27722	17.07758
ENSMUSGI	508.2051	536.9982	770.8571	733.9175	-0.4597	0.00444	0.036438	Irak2	chr6	+	1.14E+08	1.14E+08	319	protein_ccinterleukin	562	555	757	663	6.873358	7.231541	10.07102	9.927816
ENSMUSGI	3385.622	4284.375	7729.955	5299.039	-0.66588	4.51E-05	0.001536	Rpl35a	chr16	+	33056453	33060189	2858	protein_ccribosomal	3744	4428	7591	4787	50.93271	64.17616	112.3323	79.73186
ENSMUSGI	663.7412	634.7222	947.0239	873.395	-0.43159	0.005407	0.041795	Mrps9	chr1	+	42851233	42905682	2421	protein_ccmitochond	734	656	930	789	11.78757	11.22374	16.24636	15.51361
ENSMUSGI	445.8098	381.2204	745.3994	549.0544	-0.5318	0.004244	0.023551	Cd302	chr2	-	60251993	60284488	1354	protein_ccCD302_an	493	394	732	496	14.15635	12.0533	22.86443	17.43788
ENSMUSGI	1256.044	1205.585	1950.055	1526.504	-0.44417	0.003366	0.030223	Nsa2	chr13	-	97129427	97137926	2686	protein_ccNSA2_ribo	1389	1246	1915	1379	20.10571	19.215	30.15302	24.43931
ENSMUSGI	1161.095	1383.617	1950.055	1696.977	-0.46619	0.001618	0.018074	H3f3a	chr1	-	1.81E+08	1.81E+08	2841	protein_ccH3_histo	1284	1430	1915	1533	17.57183	20.84938	28.50792	25.6863
ENSMUSGI	445.8098	450.535	628.608	586.1377	-0.4186	0.000806	0.011219	Arl1	chr10	+	88730858	88744094	2080	protein_ccADP-ribosy	5231	4703	6698	5295	97.77877	93.65693	126.9443	121.1807
ENSMUSGI	356.2861	325.1016	594.6903	490.3853	-0.55754	0.002272	0.022867	Acyp2	chr11	-	30505991	30649587	863	protein_ccacylphosp	394	336	584	443	17.75042	16.12712	28.62003	24.43564
ENSMUSGI	221.5485	210.929	536.6469	304.4153	-0.69831	0.001269	0.015432	Myf4	chr11	+	1.05E+08	1.05E+08	3273	protein_ccmyosin_lig	245	218	527	275	2.910337	2.758918	6.809773	3.999608
ENSMUSGI	1772.388	1893.522	2583.44	2507.275	-0.43832	0.000625	0.009417	Fam195b	chr11	-	1.21E+08	1.21E+08	1256	protein_ccfamily_wit	1960	1957	2537	2265	60.67218	64.5009	85.42773	85.84387
ENSMUSGI	239.6341	273.8207	471.4753	441.6789	-0.67929	0.000303	0.005718	Exoc5	chr7	+	25659153	25668031	1030	protein_ccexosome_r	265	283	463	399	10.00304	11.38093	19.0113	18.44023
ENSMUSGI	4929.228	5555.755	7661.729	6284.238	-0.37778	0.004743	0.038108	Naca	chr10	+	1.28E+08	1.28E+08	7034	protein_ccnascent_pr	5451	5742	7524	5677	30.12985	33.81343	45.23915	38.41911
ENSMUSGI	6385.118	6396.568	11246.16	7799.672	-0.51341	0.000674	0.009921	Rps7	chr12	-	28630847	28635953	961	protein_ccribosomal	7061	6611	11044	7046	285.6709	284.9523	486.0389	349.0197
ENSMUSGI	3938.132	4991.664	6246.284	5762.857	-0.65738	9.01E-08	1.31E-05	Cox5b	chr1	+	36691487	36693385	566	protein_cccytochrom	4182	4075	6576	5331	287.2703	298.2219	491.3754	448.356
ENSMUSGI	3188.49	3548.058	5756.479	4788.729	-0.59351	9.05E-06	0.000484	Rps17	chr7	-	81342732	81345254	673	protein_ccribosomal	3526	3667	5653	4326	203.6997	225.6962	355.2483	305.9864
ENSMUSGI	4072.875	4866.849	8168.845	5585.743	-0.54566	0.000626	0.009417	Rps12	chr10	-	23785211	23787195	476	protein_ccribosomal	4504	5030	8022	5046	367.8871	437.713	712.7607	504.6276
ENSMUSGI	3938.132	4991.664	6246.284	5762.857	-0.3904	0.004424	0.036338	Morf4l1	chr9	-	90091665	90114774	4640	protein_ccmortality_	4355	5159	6134	5206	36.49164	46.05491	55.91056	53.4093
ENSMUSGI	9459.668	10577.41	19121.74	13288	-0.6183	4.53E-05	0.001536	Rpl17	chr18	+	75000477	75003381	775	protein_ccribosomal	10461	10932	18778	12004	524.801	584.2871	1024.745	737.3183
ENSMUSGI	683.6353	638.5925	1320.742	831.3304	-0.5791	0.001801	0.019395	Igfbp1	chr12	-	21240825	21286237	1874	protein_ccintegrin_br	756	660	1297	751	15.68467	14.58823	29.27106	19.0766
ENSMUSGI	2900.024	3127.168	5108.208	3950.756	-0.52162	0.000191	0.004098	Gm15772	chr5	+	3236431	3236868	438	pseudogen_predicted_	3207	3232	4928	3569	284.6741	305.6509	475.844	387.8851
ENSMUSGI	7064.232	7270.279	10832.73	9009.584	-0.4352	0.000561	0.008656	Rpl7a	chr2	+	26910764	26913318	1043	protein_ccribosomal	7812	7514	10638	8139	291.2065	298.4113	431.3638	371.4646
ENSMUSGI	1879.093	1816.118	2806.449	2325.733	-0.43197	0.001814	0.019431	Atp5g2	chr15	-	1.03E+08	1.03E+08	753	protein_ccATP_synth	2078	1877	2756	2101	107.2936	103.2518	154.7933	132.8195
ENSMUSGI	2020.932	1043.034	1739.265	1495.509	-0.58538	4.98E-05	0.001616	Al413582	chr17	-	27563575	27565749	836	protein_ccexpressed_	1129	1078	1708	1351	52.50623	53.41225	86.40714	76.92718
ENSMUSGI	1402.538	1383.617	1920.524	1816.529	-0.38916	0.003479	0.030935	Ufc1	chr1	-	1.71E+08	1.71E+08	1677	protein_ccubiquitin-f	1551	1430	1886	1641	35.95853	35.32087	47.56381	46.58072
ENSMUSGI	204.3672	350.2583	661.8984	504.7758	-0.80523	0.000132	0.003159	Rpl35	chr2	-	39001580	39005624	946	protein_ccribosomal	226	362	650	456	9.288391	15.8506	29.05964	22.94586
ENSMUSGI	161.866	184.8048	311.6014	291.1317	-0.61238	0.002912	0.027185	Ptprm1	chr2	-	90908716	90918258	3183	processed_protein_ty	179	191	306	263	2.18645	2.485565	4.065864	3.933234
ENSMUSGI	3302.429	3496.778	5747.315	4228.605	-0.49706	0.000725	0.010434	Rpl27	chr11	+	1.01E+08	1.01E+08	732	protein_ccribosomal	3652	3614	5644	3820	193.9737	204.5057	326.0949	248.418
ENSMUSGI	9843.082	10906.39	18699.14	13969.89	-0.59377	2.76E-05	0.00107	Rps15	chr10	+	80292453	80294114	572	protein_ccribosomal	10885	11272	18363	12620	739.8703	816.269	1357.737	1050.253
ENSMUSGI	2771.617	2524.375	3783.004	3264.438	-0.37918	0.004138	0.034885	Cycs	chr6	-	50562563	50566538	3123	protein_cccytochrom	3065	2609	3715	2949	38.15765	34.60433	50.31006	44.95039
ENSMUSGI	726.1364	619.2412	1439.884	995.1611	-0.72122	4.75E-05	0.001572	Chchd1	chr14	+	20703027	20704417	587	protein_cccoiled-coil	803	640	1414	899	53.1864	45.1617	101.8777	72.90416
ENSMUSGI	2208.251	2224.43	4273.827	3010.944	-0.63477	4.23E-05	0.001479	Gpx1	chr9	+	1.08E+08	1.08E+08	1041	protein_ccglutathion	2442	2299	4197	2720	91.20489	91.47799	170.5125	124.3795
ENSMUSGI	3237.321	3400.989	6761.547	4956.987	-0.73703	5.1																

ENSMUSG1	270.3796	327.0368	764.7472	400.7212	-0.70553	0.001073	0.013573	Gm8741	chr17	+	35335909	35336292	384	pseudogen predicted_	299	338	751	362	30.27354	36.45976	82.71357	44.87537
ENSMUSG1	3688.556	3504.518	5517.178	4355.906	-0.41702	0.00243	0.023879	Rps2-ps10	chr18	-	61259008	61259972	965	pseudogen ribosomal_	4079	3622	5418	3935	164.3424	155.471	237.4541	194.1101
ENSMUSG1	6344.425	8735.171	15238.94	12083.63	-0.76077	7.85E-07	7.48E-05	Rpl41	chr10	-	1.29E+08	1.29E+08	695	protein_co ribosomal_	7016	9028	14965	10916	392.4894	538.0655	910.6677	747.6691
ENSMUSG1	1127.637	1541.33	2386.907	1757.86	-0.5434	0.001518	0.017243	Gm6472	chrX	-	1.53E+08	1.53E+08	651	pseudogen predicted_	1247	1593	2344	1588	74.47468	101.3592	152.2806	116.1182
ENSMUSG1	210.6971	214.7993	443.9811	495.9201	-0.9299	9.08E-07	8.08E-05	Rnaset2a	chr17	-	8128610	8148097	1259	protein_co ribonuclea	233	222	436	448	7.195374	7.303913	14.64633	16.93881
ENSMUSG1	1305.78	1154.304	1915.432	1636.094	-0.47683	0.00109	0.013724	O610012G	chr16	-	31948024	31948448	417	pseudogen RIKEN_cDN	1444	1193	1881	1478	134.6339	118.5039	190.7747	168.721
ENSMUSG1	7742.441	8493.28	11861.22	11099.53	-0.46932	5.97E-05	0.001833	Rian	chr12	+	1.1E+08	1.1E+08	8089	processed_RNA_impri	8562	8778	11648	10027	41.1532	44.94994	60.90102	59.00746