

This file contains
Gene expression comparison between DOT1L KO and WT Naive B cells
Gene expression comparison between DOT1L KO and WT Activated B cells
TMM normalized H3K79me2 from Naive and Activated WT B cells
TMM normalized RNA-seq counts ( <i>Bach2, Prdm1, Sdc1, Myc, Ezh2, Cdkn1a, Irf4</i> ) from DOT1L KO and WT Naive B cells
TMM normalized RNA-seq counts ( <i>Bach2, Prdm1, Sdc1, Myc, Ezh2, Cdkn1a, Irf4</i> ) from DOT1L KO and WT Activated B cells
Plasma Signature genes
Unfold protein response genes
Gene expression comparison between EZH2 KO and WT plasma cells

Naïve B cells

Negative logFC indicates that a gene is down in DOT1L-KO

Postive logFC indicates that a gene is up in DOT1L-KO

Gene with FDR < 0.05 is considered significant

ID	logFC	logCPM	PValue	FDR
ENSMUSG00000069919	4.71644648	5.57521104	2.14E-28	2.46E-24
ENSMUSG00000039032	-6.1155893	2.3320352	4.99E-28	2.87E-24
ENSMUSG00000028763	5.01133544	3.45759549	2.32E-26	8.89E-23
ENSMUSG00000015890	6.61682559	2.30823739	9.91E-26	2.85E-22
ENSMUSG00000004951	4.11289878	5.21713714	1.17E-23	2.70E-20
ENSMUSG00000057863	4.40127236	3.05359199	2.59E-21	4.97E-18
ENSMUSG00000026580	3.99917797	3.6098501	2.51E-20	4.12E-17
ENSMUSG00000028184	3.76500647	4.40650625	1.09E-19	1.57E-16
ENSMUSG00000045672	3.57155344	4.7321881	9.63E-19	1.23E-15
ENSMUSG00000044337	-3.5538636	4.17556909	2.23E-18	2.56E-15
ENSMUSG00000049001	3.64360764	4.21896208	2.79E-18	2.92E-15
ENSMUSG00000018924	4.29563299	2.62557089	3.62E-18	3.47E-15
ENSMUSG00000001930	3.76062758	3.36112344	4.91E-18	4.34E-15
ENSMUSG00000069917	3.43700716	5.23792084	7.42E-18	6.09E-15
ENSMUSG00000030589	3.39595059	5.36748416	1.03E-17	7.91E-15
ENSMUSG00000040249	3.38106157	5.61481046	1.11E-17	7.97E-15
ENSMUSG00000073418	4.02044411	2.78601945	2.27E-17	1.53E-14
ENSMUSG00000039578	3.76603123	2.72116427	2.73E-17	1.74E-14
ENSMUSG00000000731	3.72532866	3.1705447	4.38E-17	2.65E-14
ENSMUSG00000020282	3.31751186	4.87359178	7.41E-17	3.93E-14
ENSMUSG00000026928	3.95750195	2.10658455	7.46E-17	3.93E-14
ENSMUSG00000026796	3.79917885	2.38169031	7.52E-17	3.93E-14
ENSMUSG00000059479	4.10886114	1.93406122	1.18E-16	5.88E-14
ENSMUSG00000044288	5.34327381	1.12170875	2.96E-16	1.42E-13
ENSMUSG00000024011	3.65334477	2.41691167	3.15E-16	1.45E-13
ENSMUSG00000049988	3.51081412	3.07636315	4.93E-16	2.18E-13
ENSMUSG00000101964	-3.5322677	2.49969762	6.84E-16	2.91E-13
ENSMUSG00000040907	3.17786991	4.52304173	8.73E-16	3.59E-13
ENSMUSG00000031722	3.18690156	4.17931762	9.14E-16	3.62E-13
ENSMUSG00000029581	3.67701968	2.09615045	1.06E-15	4.08E-13
ENSMUSG00000053158	3.12534085	5.13340931	1.24E-15	4.60E-13
ENSMUSG00000036896	3.12960427	4.91113812	1.55E-15	5.57E-13
ENSMUSG00000037032	3.7874023	2.06529781	1.93E-15	6.57E-13
ENSMUSG00000053963	3.42236623	2.94024091	1.98E-15	6.57E-13
ENSMUSG00000028037	3.41004295	3.04247899	2.00E-15	6.57E-13
ENSMUSG00000040616	3.24250097	3.24994839	2.29E-15	7.15E-13
ENSMUSG00000025932	-3.5058283	2.30087668	2.30E-15	7.15E-13

ENSMUSG00000042766	3.45370369	2.68730304	2.80E-15	8.46E-13
ENSMUSG00000070880	-3.2512233	3.25922093	3.28E-15	9.66E-13
ENSMUSG00000020828	3.13894267	3.76296797	8.50E-15	2.44E-12
ENSMUSG00000064147	3.5709636	1.7116075	2.31E-14	6.47E-12
ENSMUSG00000001552	3.21092023	2.94282972	2.66E-14	7.17E-12
ENSMUSG00000006356	3.58959807	1.97496805	2.68E-14	7.17E-12
ENSMUSG00000030068	-3.2040547	2.83981032	3.08E-14	8.04E-12
ENSMUSG00000001247	3.5783477	2.04456806	5.24E-14	1.34E-11
ENSMUSG00000037855	3.33055059	2.42760528	5.45E-14	1.36E-11
ENSMUSG00000002083	3.65464319	1.55097544	5.96E-14	1.46E-11
ENSMUSG00000060376	2.98526331	3.44528402	9.90E-14	2.37E-11
ENSMUSG00000028859	2.82666314	6.84974233	1.01E-13	2.37E-11
ENSMUSG00000027322	3.17103539	2.72488501	1.03E-13	2.37E-11
ENSMUSG00000001288	3.12853515	2.86108966	1.23E-13	2.77E-11
ENSMUSG00000014846	4.11742246	1.46354755	1.30E-13	2.86E-11
ENSMUSG00000063382	2.88031357	4.46560575	1.63E-13	3.54E-11
ENSMUSG00000030339	3.38761057	2.09543156	1.79E-13	3.80E-11
ENSMUSG00000025227	4.86701958	0.69793322	1.90E-13	3.96E-11
ENSMUSG00000020219	3.29311967	2.21426631	2.10E-13	4.32E-11
ENSMUSG00000034881	3.32543137	1.91603708	3.27E-13	6.60E-11
ENSMUSG00000029860	2.77067468	5.90534188	3.39E-13	6.72E-11
ENSMUSG00000017002	2.79966494	4.80912876	4.80E-13	9.35E-11
ENSMUSG00000024955	3.07507344	2.55236388	5.18E-13	9.92E-11
ENSMUSG00000019539	3.07333123	2.69984886	5.36E-13	1.01E-10
ENSMUSG00000024913	3.00868031	2.84844542	5.49E-13	1.02E-10
ENSMUSG00000029797	4.38232897	0.89928585	6.53E-13	1.19E-10
ENSMUSG00000066952	3.15718872	2.58501267	8.21E-13	1.48E-10
ENSMUSG00000095120	-3.2408411	1.80220932	9.09E-13	1.61E-10
ENSMUSG00000033170	4.82731081	0.68919424	1.14E-12	1.98E-10
ENSMUSG00000006930	2.95006808	2.72165769	1.30E-12	2.23E-10
ENSMUSG00000025504	5.09896268	0.44390207	1.54E-12	2.60E-10
ENSMUSG00000035478	2.70915612	4.17400018	1.78E-12	2.97E-10
ENSMUSG00000030747	3.78377087	1.2418528	2.01E-12	3.30E-10
ENSMUSG00000045094	2.81735607	3.38101056	2.05E-12	3.32E-10
ENSMUSG00000002379	3.00287078	2.37712139	2.08E-12	3.32E-10
ENSMUSG00000015846	2.75372595	3.94269213	2.21E-12	3.48E-10
ENSMUSG00000049804	2.79247153	3.73915792	2.62E-12	4.07E-10
ENSMUSG00000040767	2.68649401	4.76270419	3.34E-12	5.12E-10
ENSMUSG00000030410	2.86542618	2.76477549	3.39E-12	5.13E-10
ENSMUSG00000033508	3.32226452	1.92645098	3.53E-12	5.27E-10
ENSMUSG00000017737	2.72344653	4.30424882	4.23E-12	6.19E-10
ENSMUSG00000031897	2.65639061	4.47162077	4.25E-12	6.19E-10
ENSMUSG00000101609	-2.658093	4.63065896	4.94E-12	7.10E-10

ENSMUSG00000033542	3.04167659	2.32184581	5.35E-12	7.59E-10
ENSMUSG00000021453	2.97956039	2.43331082	6.21E-12	8.71E-10
ENSMUSG00000002985	2.58202803	6.84684812	6.47E-12	8.96E-10
ENSMUSG00000035711	2.59815408	5.56803815	6.85E-12	9.37E-10
ENSMUSG00000032186	-3.3004203	1.13734333	8.67E-12	1.17E-09
ENSMUSG00000032231	2.55717624	6.52255538	9.89E-12	1.32E-09
ENSMUSG00000049130	2.81042839	2.79957099	1.03E-11	1.36E-09
ENSMUSG00000001507	2.98464364	2.06168052	1.12E-11	1.46E-09
ENSMUSG00000046961	-3.1912731	1.73562759	1.15E-11	1.48E-09
ENSMUSG00000086564	2.71785916	3.49807599	1.37E-11	1.76E-09
ENSMUSG00000026193	2.52795299	7.66833959	1.49E-11	1.88E-09
ENSMUSG00000090665	2.75837801	3.20300355	1.61E-11	2.02E-09
ENSMUSG00000025330	3.14310462	2.07021358	1.65E-11	2.04E-09
ENSMUSG00000031444	3.32012378	1.6917425	1.91E-11	2.34E-09
ENSMUSG00000036905	2.5276434	5.71233114	2.28E-11	2.76E-09
ENSMUSG00000026579	2.66094709	3.93725238	2.32E-11	2.77E-09
ENSMUSG00000034041	2.55137472	4.68487884	2.47E-11	2.93E-09
ENSMUSG00000001227	4.12722892	0.66612797	2.60E-11	3.05E-09
ENSMUSG00000037185	2.67946027	2.93973894	2.67E-11	3.10E-09
ENSMUSG00000017754	2.5409987	4.80805871	3.21E-11	3.69E-09
ENSMUSG00000003344	2.65838145	3.15314566	3.50E-11	3.98E-09
ENSMUSG00000036168	3.65026042	1.01438858	3.64E-11	4.07E-09
ENSMUSG00000001270	3.35536188	1.45086578	3.65E-11	4.07E-09
ENSMUSG00000042759	2.51850172	4.81799636	4.33E-11	4.79E-09
ENSMUSG00000050708	2.45423517	7.58040415	4.76E-11	5.21E-09
ENSMUSG00000007872	2.60079628	3.24247919	5.59E-11	6.06E-09
ENSMUSG00000036606	2.47102352	5.63608213	5.81E-11	6.24E-09
ENSMUSG00000006517	2.78183821	2.30103584	5.91E-11	6.29E-09
ENSMUSG00000039781	3.38083103	0.81123858	5.97E-11	6.30E-09
ENSMUSG00000029713	2.44874358	6.21191448	6.04E-11	6.32E-09
ENSMUSG00000024451	2.64750045	3.133823	6.38E-11	6.61E-09
ENSMUSG00000027864	3.46045776	1.04580469	6.66E-11	6.83E-09
ENSMUSG00000034220	3.95473154	0.77016316	7.15E-11	7.23E-09
ENSMUSG00000007721	2.94443583	1.73582789	7.17E-11	7.23E-09
ENSMUSG00000049577	2.709822	2.69545855	7.45E-11	7.45E-09
ENSMUSG00000051000	2.70323926	2.96365923	8.04E-11	7.97E-09
ENSMUSG00000003072	2.47214924	4.47521367	9.02E-11	8.86E-09
ENSMUSG00000047281	2.48356962	4.19394081	1.08E-10	1.05E-08
ENSMUSG00000029287	2.57711856	3.49390732	1.10E-10	1.06E-08
ENSMUSG00000021069	2.45412024	5.00910566	1.11E-10	1.06E-08
ENSMUSG00000052212	2.54941083	3.36025374	1.15E-10	1.09E-08
ENSMUSG00000060591	2.48900063	4.01139007	1.18E-10	1.12E-08
ENSMUSG00000022817	2.48483459	4.17527679	1.27E-10	1.18E-08



ENSMUSG00000020886	2.6976803	2.69232909	1.44E-10	1.33E-08
ENSMUSG00000036887	2.42578968	5.270904	1.45E-10	1.33E-08
ENSMUSG00000025492	2.40930945	5.43942174	1.50E-10	1.37E-08
ENSMUSG00000028456	2.7124062	2.63320701	1.54E-10	1.38E-08
ENSMUSG00000052837	2.43585036	4.9711636	1.54E-10	1.38E-08
ENSMUSG00000030341	2.46971	4.25331265	1.56E-10	1.38E-08
ENSMUSG00000030122	2.43482011	4.81930791	1.56E-10	1.38E-08
ENSMUSG00000037326	2.57450481	3.00423154	1.63E-10	1.43E-08
ENSMUSG00000007207	2.88844971	1.64890288	1.71E-10	1.49E-08
ENSMUSG00000037638	2.73654492	2.20997875	1.76E-10	1.52E-08
ENSMUSG00000028041	2.57709883	3.14492211	1.77E-10	1.52E-08
ENSMUSG00000025161	2.60249454	2.82778722	1.93E-10	1.64E-08
ENSMUSG00000006014	2.75144022	2.94666718	2.16E-10	1.83E-08
ENSMUSG00000031028	2.65591379	2.71836612	2.24E-10	1.87E-08
ENSMUSG00000031824	2.45364324	3.97087263	2.25E-10	1.87E-08
ENSMUSG00000022122	4.57042329	0.51016686	2.35E-10	1.95E-08
ENSMUSG00000006589	2.51099359	3.12819034	2.41E-10	1.98E-08
ENSMUSG00000033307	2.6849019	2.39597161	2.59E-10	2.11E-08
ENSMUSG00000022892	2.38867709	4.99123982	2.86E-10	2.32E-08
ENSMUSG00000036067	2.50011186	3.4321653	3.02E-10	2.43E-08
ENSMUSG00000034394	2.69779638	2.26436452	3.23E-10	2.58E-08
ENSMUSG00000033788	2.68944023	2.13205082	3.33E-10	2.64E-08
ENSMUSG00000020167	2.35367148	5.28403509	4.09E-10	3.22E-08
ENSMUSG00000025877	2.47880799	3.425882	4.13E-10	3.23E-08
ENSMUSG00000020163	2.77152482	1.63388872	4.45E-10	3.46E-08
ENSMUSG00000047721	2.77694742	1.89240455	4.74E-10	3.66E-08
ENSMUSG00000064043	2.57383166	2.59182046	4.85E-10	3.72E-08
ENSMUSG00000038872	2.93456255	1.71799294	5.06E-10	3.85E-08
ENSMUSG00000004933	2.42637974	3.51722776	5.52E-10	4.17E-08
ENSMUSG00000051790	3.61779656	0.91086969	6.07E-10	4.56E-08
ENSMUSG00000053646	2.92698229	1.27759202	7.25E-10	5.36E-08
ENSMUSG00000070803	4.05770042	0.3713418	7.28E-10	5.36E-08
ENSMUSG00000041757	2.52609503	2.79852858	7.31E-10	5.36E-08
ENSMUSG00000035890	2.45291208	2.80582577	7.31E-10	5.36E-08
ENSMUSG00000049562	2.85485429	1.57116422	7.51E-10	5.47E-08
ENSMUSG00000043157	2.9168699	1.3208634	8.31E-10	6.01E-08
ENSMUSG00000038502	2.55329925	2.19920694	8.60E-10	6.18E-08
ENSMUSG00000038775	2.48596148	2.9986314	9.44E-10	6.74E-08
ENSMUSG00000024164	2.28646433	5.58869393	1.02E-09	7.23E-08
ENSMUSG00000000552	2.39005587	3.55629776	1.04E-09	7.32E-08
ENSMUSG00000030579	2.26637977	6.45468929	1.09E-09	7.67E-08
ENSMUSG00000037992	2.29530184	5.09038797	1.12E-09	7.80E-08
ENSMUSG00000029304	2.39302049	3.36460504	1.18E-09	8.14E-08

ENSMUSG00000040405	-2.854991	1.38680116	1.18E-09	8.14E-08
ENSMUSG00000038517	2.60514121	2.20171469	1.21E-09	8.30E-08
ENSMUSG00000001128	2.26799005	5.91355265	1.25E-09	8.48E-08
ENSMUSG00000030681	2.30751713	4.41044309	1.26E-09	8.52E-08
ENSMUSG00000037221	2.44993752	2.60716566	1.48E-09	9.86E-08
ENSMUSG00000017309	2.70198531	1.70217758	1.48E-09	9.86E-08
ENSMUSG00000044017	3.03399546	1.26777609	1.57E-09	1.05E-07
ENSMUSG00000020238	2.27096758	4.81147764	1.59E-09	1.05E-07
ENSMUSG00000074063	2.62472724	2.17744383	1.61E-09	1.06E-07
ENSMUSG00000019139	2.2936124	4.25520359	1.69E-09	1.11E-07
ENSMUSG00000030717	2.51562715	2.06113051	1.77E-09	1.15E-07
ENSMUSG00000039943	2.54947348	2.5135899	1.86E-09	1.20E-07
ENSMUSG00000030409	2.45784796	2.76070848	1.98E-09	1.27E-07
ENSMUSG00000020681	2.23947907	5.3922136	1.98E-09	1.27E-07
ENSMUSG00000021200	2.35065565	3.47495102	2.05E-09	1.30E-07
ENSMUSG00000003363	2.23639547	5.45147221	2.18E-09	1.38E-07
ENSMUSG00000020279	2.20729295	8.79558185	2.32E-09	1.46E-07
ENSMUSG00000019312	2.59477951	2.1285537	2.36E-09	1.48E-07
ENSMUSG00000014725	-2.6324094	1.65904902	2.52E-09	1.57E-07
ENSMUSG00000052062	2.33647842	3.74523055	2.65E-09	1.64E-07
ENSMUSG00000046480	2.75532324	1.32745771	2.83E-09	1.74E-07
ENSMUSG00000002108	2.3859857	2.8172452	3.05E-09	1.86E-07
ENSMUSG00000060716	3.47139908	0.72989213	3.26E-09	1.98E-07
ENSMUSG00000063457	2.18575041	7.72336725	3.30E-09	2.00E-07
ENSMUSG00000025701	2.59883044	2.11472472	3.41E-09	2.05E-07
ENSMUSG00000078817	2.45426775	2.40231747	3.65E-09	2.18E-07
ENSMUSG00000042190	2.42756719	2.44702374	3.67E-09	2.19E-07
ENSMUSG00000058755	2.22313434	4.72873195	3.82E-09	2.26E-07
ENSMUSG00000048163	2.18895179	5.97304104	3.98E-09	2.34E-07
ENSMUSG00000022818	2.9334969	0.98450209	4.10E-09	2.39E-07
ENSMUSG00000061411	2.50984367	2.35554702	4.11E-09	2.39E-07
ENSMUSG00000025473	2.24920744	4.18369297	4.11E-09	2.39E-07
ENSMUSG00000033880	2.19402673	5.45411558	4.22E-09	2.44E-07
ENSMUSG00000006800	2.25678527	3.82385053	4.44E-09	2.55E-07
ENSMUSG00000001025	2.20290235	4.99329853	4.49E-09	2.57E-07
ENSMUSG00000028833	2.25279116	3.74429527	4.52E-09	2.57E-07
ENSMUSG00000041736	2.25751331	3.47607488	4.54E-09	2.57E-07
ENSMUSG00000051184	2.78767914	1.25221673	4.87E-09	2.75E-07
ENSMUSG00000035863	2.77726623	1.46134809	4.93E-09	2.77E-07
ENSMUSG00000019158	3.03496951	0.90723984	4.98E-09	2.78E-07
ENSMUSG00000013707	2.22485252	4.13570312	5.01E-09	2.78E-07
ENSMUSG00000035206	2.26900441	3.55667814	5.05E-09	2.79E-07
ENSMUSG00000000489	2.80368053	1.29697237	5.28E-09	2.90E-07

ENSMUSG00000018417	2.85920717	1.60233452	5.41E-09	2.96E-07
ENSMUSG00000000530	2.32292391	2.94225968	5.69E-09	3.09E-07
ENSMUSG000000031502	3.04440778	0.66622836	5.74E-09	3.09E-07
ENSMUSG000000032890	2.25714812	3.69258055	5.76E-09	3.09E-07
ENSMUSG000000025151	2.26606343	3.63407994	5.76E-09	3.09E-07
ENSMUSG000000024053	2.1732953	5.51025852	5.95E-09	3.18E-07
ENSMUSG000000014686	2.45535676	2.25582557	6.05E-09	3.22E-07
ENSMUSG000000046207	2.39846691	2.24179062	6.28E-09	3.33E-07
ENSMUSG000000034271	2.82691317	1.23293971	6.31E-09	3.33E-07
ENSMUSG000000056413	2.21095033	4.10670908	6.37E-09	3.34E-07
ENSMUSG000000058297	2.75743718	1.09912731	6.47E-09	3.38E-07
ENSMUSG000000024885	2.20797055	4.10320742	6.75E-09	3.51E-07
ENSMUSG000000060063	2.16734449	5.17015526	6.93E-09	3.59E-07
ENSMUSG000000035493	2.14193091	6.48602164	6.96E-09	3.59E-07
ENSMUSG000000034009	-2.4638671	2.13484532	7.27E-09	3.72E-07
ENSMUSG000000026814	2.64367942	1.7264855	7.28E-09	3.72E-07
ENSMUSG000000044092	2.68669536	1.47173515	7.36E-09	3.74E-07
ENSMUSG000000063193	2.22997755	4.00694716	7.48E-09	3.79E-07
ENSMUSG000000040964	2.55706978	1.64338174	7.71E-09	3.89E-07
ENSMUSG000000048142	2.64741745	1.53709364	8.19E-09	4.11E-07
ENSMUSG000000025743	2.12866784	6.25489056	9.08E-09	4.54E-07
ENSMUSG000000004267	2.9164514	1.02198448	9.16E-09	4.56E-07
ENSMUSG000000003352	2.69861609	1.48575254	9.69E-09	4.80E-07
ENSMUSG000000025555	2.80105261	1.06770111	9.92E-09	4.89E-07
ENSMUSG000000081723	2.51547795	2.26496038	1.02E-08	4.99E-07
ENSMUSG000000018378	2.38858109	2.41682701	1.06E-08	5.20E-07
ENSMUSG000000038740	2.34206625	2.83685862	1.10E-08	5.35E-07
ENSMUSG000000037995	2.21144807	3.61580932	1.11E-08	5.37E-07
ENSMUSG000000034926	2.15815822	4.2570301	1.20E-08	5.77E-07
ENSMUSG00000002043	2.57384114	1.71599909	1.46E-08	7.03E-07
ENSMUSG000000033855	3.62976567	0.28316403	1.50E-08	7.19E-07
ENSMUSG000000026883	2.3162882	2.18977622	1.53E-08	7.30E-07
ENSMUSG000000030084	2.21247449	3.36136874	1.55E-08	7.33E-07
ENSMUSG000000025511	2.43791576	2.12261772	1.55E-08	7.33E-07
ENSMUSG000000003541	2.23521614	2.78965508	1.62E-08	7.62E-07
ENSMUSG000000045039	2.60484549	1.51873224	1.63E-08	7.62E-07
ENSMUSG000000041609	2.49525895	1.65466726	1.67E-08	7.77E-07
ENSMUSG000000031906	2.25314818	2.64310454	1.67E-08	7.77E-07
ENSMUSG000000041420	2.19353889	3.18998573	1.72E-08	7.98E-07
ENSMUSG000000003873	2.12725816	4.40082902	1.74E-08	8.06E-07
ENSMUSG000000056665	2.20093179	3.31221599	1.88E-08	8.65E-07
ENSMUSG000000028671	2.40083287	1.75953303	2.04E-08	9.32E-07
ENSMUSG000000092060	2.26193771	2.70264212	2.04E-08	9.32E-07

ENSMUSG00000026180	2.1199979	4.6384646	2.07E-08	9.41E-07
ENSMUSG00000071649	2.12415289	3.89007232	2.12E-08	9.58E-07
ENSMUSG00000024399	2.05883683	6.98155806	2.24E-08	1.01E-06
ENSMUSG00000022708	-2.0605367	6.68239837	2.29E-08	1.03E-06
ENSMUSG00000004667	2.11314706	4.15840792	2.35E-08	1.05E-06
ENSMUSG00000055809	2.88621007	1.09785698	2.60E-08	1.16E-06
ENSMUSG00000038486	2.44007387	1.99009454	2.64E-08	1.17E-06
ENSMUSG00000084796	2.20764247	2.3963981	2.65E-08	1.17E-06
ENSMUSG00000053216	2.34186271	2.60564759	2.65E-08	1.17E-06
ENSMUSG00000035640	2.58495282	1.49009364	2.78E-08	1.22E-06
ENSMUSG00000037679	2.11737943	4.11733458	2.79E-08	1.22E-06
ENSMUSG00000024621	2.04006499	8.09670911	2.83E-08	1.23E-06
ENSMUSG00000047712	2.25378958	2.54719	2.86E-08	1.24E-06
ENSMUSG00000006235	2.40385522	2.16867108	2.90E-08	1.25E-06
ENSMUSG00000052336	2.0798705	4.69503858	3.06E-08	1.32E-06
ENSMUSG00000024670	2.19998238	2.98137459	3.21E-08	1.38E-06
ENSMUSG00000038738	2.1010035	4.26288508	3.26E-08	1.39E-06
ENSMUSG00000004952	2.08110397	4.54188824	3.45E-08	1.47E-06
ENSMUSG00000034714	2.25658308	2.4737208	3.48E-08	1.48E-06
ENSMUSG00000031565	3.05055261	0.47213758	3.57E-08	1.51E-06
ENSMUSG00000003346	2.1287909	3.22657786	3.83E-08	1.61E-06
ENSMUSG00000045502	2.04404301	5.4228046	4.05E-08	1.70E-06
ENSMUSG00000028064	2.06414101	4.60771945	4.22E-08	1.76E-06
ENSMUSG00000045752	2.19517487	2.6053102	4.24E-08	1.76E-06
ENSMUSG00000062545	2.24835947	2.37307501	4.31E-08	1.79E-06
ENSMUSG00000032012	2.148221	2.74768507	4.33E-08	1.79E-06
ENSMUSG00000025491	2.27221446	2.44000067	4.36E-08	1.80E-06
ENSMUSG00000030790	2.20240515	2.65379563	4.49E-08	1.84E-06
ENSMUSG00000052584	2.86790285	0.64909467	4.52E-08	1.85E-06
ENSMUSG00000000555	2.20716898	2.82169659	4.57E-08	1.86E-06
ENSMUSG00000015599	2.29741162	2.21533146	4.78E-08	1.94E-06
ENSMUSG00000032661	2.04903258	4.75895727	4.82E-08	1.95E-06
ENSMUSG00000006519	2.01857701	5.75243851	4.99E-08	2.01E-06
ENSMUSG00000030313	-2.0018764	7.27795978	5.10E-08	2.05E-06
ENSMUSG00000023963	-2.0334615	4.97183495	5.12E-08	2.05E-06
ENSMUSG00000031832	2.1102459	3.1765516	5.39E-08	2.15E-06
ENSMUSG00000051817	2.41782443	1.54547667	5.49E-08	2.18E-06
ENSMUSG00000031303	2.05025583	4.72943338	5.50E-08	2.18E-06
ENSMUSG00000011148	2.1059264	3.1036514	5.61E-08	2.22E-06
ENSMUSG00000068335	2.03471592	4.61284114	5.63E-08	2.22E-06
ENSMUSG00000024066	2.01611169	5.49773286	5.75E-08	2.26E-06
ENSMUSG00000022561	2.12056762	3.30220598	5.90E-08	2.31E-06
ENSMUSG00000046456	2.63525887	0.59001273	6.19E-08	2.41E-06

ENSMUSG00000047507	2.76163566	0.91196927	6.53E-08	2.54E-06
ENSMUSG00000090223	2.26240844	2.1300955	6.71E-08	2.60E-06
ENSMUSG00000017639	2.04155893	4.24981931	6.83E-08	2.63E-06
ENSMUSG00000086784	2.1742784	2.5773055	7.13E-08	2.74E-06
ENSMUSG00000059070	1.97719282	7.08062178	7.15E-08	2.74E-06
ENSMUSG00000045252	2.14657544	2.95196259	7.21E-08	2.75E-06
ENSMUSG00000003380	2.04736289	3.85772765	7.25E-08	2.76E-06
ENSMUSG00000059901	2.34010386	1.88911968	7.39E-08	2.80E-06
ENSMUSG00000064246	2.55057683	1.38559564	7.44E-08	2.81E-06
ENSMUSG00000029436	2.72410317	0.93142399	7.77E-08	2.93E-06
ENSMUSG00000063254	-2.1877822	2.33391193	8.28E-08	3.11E-06
ENSMUSG00000055485	2.4587804	1.36025843	8.33E-08	3.12E-06
ENSMUSG00000022559	2.03329142	3.69109499	8.99E-08	3.36E-06
ENSMUSG00000037211	2.05908999	3.15423993	9.12E-08	3.39E-06
ENSMUSG00000000982	1.97503527	5.65567209	9.20E-08	3.41E-06
ENSMUSG00000022574	2.59333667	1.19100017	9.36E-08	3.46E-06
ENSMUSG00000057411	2.09046863	3.065868	1.02E-07	3.74E-06
ENSMUSG00000061286	2.16363651	2.42854999	1.03E-07	3.77E-06
ENSMUSG00000029810	1.98961356	4.42736056	1.04E-07	3.82E-06
ENSMUSG00000034748	2.17883344	2.19280885	1.06E-07	3.88E-06
ENSMUSG00000002393	2.13437595	2.57356788	1.13E-07	4.10E-06
ENSMUSG00000038034	2.11707577	2.66340511	1.13E-07	4.11E-06
ENSMUSG00000001870	2.99172848	0.6300133	1.16E-07	4.21E-06
ENSMUSG00000037960	2.22545705	2.06727857	1.20E-07	4.33E-06
ENSMUSG00000026458	2.02799379	3.57236686	1.22E-07	4.38E-06
ENSMUSG00000058317	-2.5094331	0.98459288	1.23E-07	4.39E-06
ENSMUSG00000020865	1.97811765	4.76513219	1.24E-07	4.43E-06
ENSMUSG00000032109	2.214245	2.22243054	1.27E-07	4.53E-06
ENSMUSG00000022568	1.96221855	5.13445073	1.28E-07	4.53E-06
ENSMUSG00000024897	2.16115344	2.36149899	1.33E-07	4.71E-06
ENSMUSG00000074406	2.2194137	1.80963491	1.35E-07	4.77E-06
ENSMUSG00000018774	1.95334678	5.36287766	1.38E-07	4.84E-06
ENSMUSG00000016028	2.33655772	1.74698529	1.39E-07	4.85E-06
ENSMUSG00000066682	2.0092019	3.70548497	1.53E-07	5.34E-06
ENSMUSG00000068220	1.99244043	3.76215939	1.56E-07	5.45E-06
ENSMUSG00000051439	1.98673205	3.83851249	1.58E-07	5.47E-06
ENSMUSG00000003378	2.27300217	1.66439123	1.58E-07	5.48E-06
ENSMUSG00000030259	2.53368212	1.06967474	1.61E-07	5.54E-06
ENSMUSG00000015143	1.9382538	5.58692244	1.62E-07	5.57E-06
ENSMUSG00000022103	2.00899419	3.62820884	1.62E-07	5.57E-06
ENSMUSG00000018930	1.94021015	5.42780661	1.65E-07	5.64E-06
ENSMUSG00000044328	2.512207	0.75404547	1.68E-07	5.74E-06
ENSMUSG00000030340	2.52158702	1.26335678	1.71E-07	5.81E-06

ENSMUSG00000005533	2.1495078	2.57385406	1.76E-07	5.97E-06
ENSMUSG00000005413	1.91388279	7.02227713	1.79E-07	6.07E-06
ENSMUSG000000030727	1.93869029	5.15702383	1.84E-07	6.19E-06
ENSMUSG000000040327	2.01713015	3.47158089	1.84E-07	6.19E-06
ENSMUSG000000048440	1.96141078	4.12549967	2.04E-07	6.84E-06
ENSMUSG00000004931	2.23819842	1.84695849	2.14E-07	7.16E-06
ENSMUSG000000032754	1.94615731	4.40695023	2.15E-07	7.16E-06
ENSMUSG000000038451	2.37159468	1.57357297	2.19E-07	7.28E-06
ENSMUSG000000031274	2.31906964	1.38946429	2.25E-07	7.44E-06
ENSMUSG000000022534	1.95593722	3.93625614	2.29E-07	7.55E-06
ENSMUSG00000002250	2.00834255	3.19720689	2.31E-07	7.61E-06
ENSMUSG000000035459	1.97089107	3.80309873	2.32E-07	7.63E-06
ENSMUSG000000021360	1.97011889	4.04671594	2.44E-07	8.00E-06
ENSMUSG000000050556	2.07941997	2.16234438	2.51E-07	8.21E-06
ENSMUSG000000026170	1.89441629	6.16006103	2.59E-07	8.41E-06
ENSMUSG000000039208	2.0454397	2.91462755	2.59E-07	8.41E-06
ENSMUSG000000029490	2.21067496	1.57943172	2.67E-07	8.65E-06
ENSMUSG000000023991	1.91396112	4.69062717	2.70E-07	8.70E-06
ENSMUSG000000070369	1.89024775	6.03648331	2.74E-07	8.81E-06
ENSMUSG000000076441	1.90538221	5.19647424	2.75E-07	8.81E-06
ENSMUSG000000004612	1.98801716	3.34479766	2.75E-07	8.81E-06
ENSMUSG000000034771	2.50730353	1.03954306	2.79E-07	8.87E-06
ENSMUSG000000040520	-1.8843586	6.50422744	2.79E-07	8.87E-06
ENSMUSG000000037902	1.87943418	7.28584545	2.81E-07	8.87E-06
ENSMUSG000000033460	2.71258267	0.6863688	2.81E-07	8.87E-06
ENSMUSG000000030474	1.92854021	4.25225436	2.81E-07	8.87E-06
ENSMUSG000000004054	1.92269646	4.2344826	2.82E-07	8.89E-06
ENSMUSG000000004609	2.02029914	3.22602498	2.86E-07	9.00E-06
ENSMUSG000000050272	2.25608651	1.61274503	3.08E-07	9.65E-06
ENSMUSG000000003970	1.86851789	8.14795087	3.12E-07	9.71E-06
ENSMUSG000000043017	2.14961142	1.51225509	3.12E-07	9.71E-06
ENSMUSG000000026117	2.0557375	2.19443472	3.16E-07	9.81E-06
ENSMUSG000000039713	2.31326084	1.58384757	3.17E-07	9.81E-06
ENSMUSG000000030432	1.87171447	6.73439308	3.20E-07	9.87E-06
ENSMUSG000000030272	2.28176563	1.97584658	3.20E-07	9.87E-06
ENSMUSG000000036565	1.88286442	5.44892109	3.53E-07	1.08E-05
ENSMUSG000000005397	1.86885106	6.58182894	3.55E-07	1.09E-05
ENSMUSG000000048779	2.42406636	1.18457847	3.68E-07	1.12E-05
ENSMUSG000000029547	1.89795708	4.69824398	3.70E-07	1.13E-05
ENSMUSG000000054342	1.96051139	3.5348041	3.71E-07	1.13E-05
ENSMUSG000000035697	1.85497757	8.69484912	3.73E-07	1.13E-05
ENSMUSG000000072244	2.25152054	1.84609634	3.95E-07	1.20E-05
ENSMUSG000000079334	2.07249105	1.97764386	4.02E-07	1.21E-05

ENSMUSG00000019990	2.3373685	1.21119986	4.03E-07	1.21E-05
ENSMUSG00000022436	1.87358668	5.40759765	4.07E-07	1.22E-05
ENSMUSG00000045980	1.97130112	3.16075516	4.12E-07	1.23E-05
ENSMUSG00000013236	1.95238692	3.35386692	4.15E-07	1.24E-05
ENSMUSG00000029602	1.92755907	3.69181845	4.16E-07	1.24E-05
ENSMUSG00000031286	2.4835749	1.15553616	4.17E-07	1.24E-05
ENSMUSG00000086503	-1.8450575	9.6529629	4.24E-07	1.26E-05
ENSMUSG00000063802	2.08573443	2.0317031	4.30E-07	1.27E-05
ENSMUSG00000030083	1.92483512	3.63210206	4.33E-07	1.28E-05
ENSMUSG00000031584	1.87106294	5.37887541	4.41E-07	1.30E-05
ENSMUSG00000007892	1.84769311	6.69419915	4.51E-07	1.32E-05
ENSMUSG00000093803	2.0736823	1.92417147	4.60E-07	1.35E-05
ENSMUSG00000035164	-1.8576731	5.50932236	4.82E-07	1.41E-05
ENSMUSG00000097649	-2.4497351	0.91359054	4.88E-07	1.42E-05
ENSMUSG00000037820	1.87084213	4.77292942	4.89E-07	1.42E-05
ENSMUSG00000019082	1.88914126	4.13772114	4.90E-07	1.42E-05
ENSMUSG00000038235	2.04677038	2.38199757	4.91E-07	1.42E-05
ENSMUSG00000053687	2.4056806	1.12843103	4.94E-07	1.42E-05
ENSMUSG00000046574	1.87932626	4.22275526	5.05E-07	1.45E-05
ENSMUSG00000032011	1.87111819	4.53841215	5.09E-07	1.46E-05
ENSMUSG00000027134	1.95265667	3.03450977	5.10E-07	1.46E-05
ENSMUSG00000032841	1.98721121	3.01891621	5.18E-07	1.48E-05
ENSMUSG00000022102	2.04588042	2.32944197	5.29E-07	1.51E-05
ENSMUSG00000079419	1.84222331	5.78122522	5.30E-07	1.51E-05
ENSMUSG00000039953	2.00958791	2.69260571	5.34E-07	1.51E-05
ENSMUSG00000023019	2.49421326	1.05303698	5.37E-07	1.52E-05
ENSMUSG00000022420	2.12942883	2.05584495	5.42E-07	1.53E-05
ENSMUSG00000023495	2.23818648	1.43673898	5.46E-07	1.53E-05
ENSMUSG00000028927	1.85251238	5.21264766	5.55E-07	1.55E-05
ENSMUSG00000015474	1.97349684	2.77721202	5.56E-07	1.56E-05
ENSMUSG00000021806	2.19749169	1.68834688	5.71E-07	1.59E-05
ENSMUSG00000024985	2.04836411	2.27760871	5.73E-07	1.59E-05
ENSMUSG00000050022	1.89690928	3.86479421	5.83E-07	1.62E-05
ENSMUSG00000033697	1.94917513	3.32439309	5.86E-07	1.62E-05
ENSMUSG00000026249	-2.0121499	2.65802282	5.86E-07	1.62E-05
ENSMUSG00000063889	-1.8397831	5.41534005	6.14E-07	1.69E-05
ENSMUSG00000029570	1.86498722	4.26301385	6.18E-07	1.70E-05
ENSMUSG00000060166	1.88230883	3.6731214	6.48E-07	1.78E-05
ENSMUSG00000022793	1.98580739	2.5573348	6.52E-07	1.79E-05
ENSMUSG00000001053	2.03164272	2.0826156	6.76E-07	1.84E-05
ENSMUSG00000022861	2.23976659	1.42534326	6.77E-07	1.84E-05
ENSMUSG00000020709	1.96194424	2.77786459	6.80E-07	1.85E-05
ENSMUSG00000031626	-2.0450224	2.05221915	7.01E-07	1.90E-05

ENSMUSG00000004263	1.85003059	4.35665496	7.19E-07	1.94E-05
ENSMUSG00000039377	2.1606573	1.19053715	7.50E-07	2.02E-05
ENSMUSG00000002489	1.91355925	3.31711721	7.59E-07	2.04E-05
ENSMUSG00000066894	2.17499666	1.75408253	7.60E-07	2.04E-05
ENSMUSG00000026177	1.83715612	4.9179344	7.82E-07	2.10E-05
ENSMUSG00000030352	2.14315491	1.3961469	7.90E-07	2.11E-05
ENSMUSG00000026223	1.836959	4.77080532	7.93E-07	2.11E-05
ENSMUSG00000024327	2.57931175	0.7868234	7.97E-07	2.12E-05
ENSMUSG00000038260	2.08352609	2.00763545	8.04E-07	2.13E-05
ENSMUSG00000069830	2.06524409	1.98454889	8.34E-07	2.21E-05
ENSMUSG00000041488	1.98609565	2.59347283	8.39E-07	2.22E-05
ENSMUSG00000029223	2.81053988	0.30982997	8.43E-07	2.22E-05
ENSMUSG00000030108	2.79696733	0.31323829	8.43E-07	2.22E-05
ENSMUSG00000007908	-2.5575395	0.40968631	8.86E-07	2.33E-05
ENSMUSG00000022584	1.82170527	4.95376529	9.00E-07	2.36E-05
ENSMUSG00000070003	2.11331862	1.81456335	9.02E-07	2.36E-05
ENSMUSG00000000204	1.83052419	4.88612414	9.06E-07	2.36E-05
ENSMUSG00000049422	1.91349628	2.74445596	9.07E-07	2.36E-05
ENSMUSG00000040209	2.40680431	1.18583916	9.12E-07	2.37E-05
ENSMUSG00000019433	2.05234535	2.1908558	9.17E-07	2.37E-05
ENSMUSG00000049625	1.8190922	4.79744805	9.57E-07	2.47E-05
ENSMUSG00000054065	1.84061965	4.08662641	9.62E-07	2.48E-05
ENSMUSG00000015305	1.83295155	4.37090205	9.64E-07	2.48E-05
ENSMUSG00000030786	1.79462369	6.24156779	9.65E-07	2.48E-05
ENSMUSG00000034974	1.91745026	2.83346805	1.02E-06	2.60E-05
ENSMUSG00000030737	1.88210969	3.46935119	1.02E-06	2.60E-05
ENSMUSG00000092341	-1.7765375	12.2293205	1.04E-06	2.65E-05
ENSMUSG00000030109	2.7903129	0.29430121	1.04E-06	2.65E-05
ENSMUSG00000063146	1.91046185	3.07500516	1.07E-06	2.72E-05
ENSMUSG00000024773	1.79992261	5.21711476	1.09E-06	2.76E-05
ENSMUSG00000030413	1.83171883	3.98539003	1.11E-06	2.81E-05
ENSMUSG00000014470	1.86091686	3.57484162	1.12E-06	2.83E-05
ENSMUSG00000010021	2.10806019	1.62438291	1.14E-06	2.86E-05
ENSMUSG00000026932	2.08428985	1.87991215	1.14E-06	2.86E-05
ENSMUSG00000074622	1.86040089	3.73693343	1.14E-06	2.87E-05
ENSMUSG00000020178	1.98395753	2.51893446	1.15E-06	2.87E-05
ENSMUSG00000017969	2.15351049	1.46481694	1.16E-06	2.88E-05
ENSMUSG00000036686	1.84417279	3.66981848	1.16E-06	2.88E-05
ENSMUSG00000026815	2.13484981	1.8059516	1.20E-06	2.99E-05
ENSMUSG00000026791	2.1462254	1.47428795	1.22E-06	3.01E-05
ENSMUSG00000024300	1.77591351	6.24925444	1.23E-06	3.04E-05
ENSMUSG00000030720	1.79172879	5.00126833	1.25E-06	3.09E-05
ENSMUSG00000095105	-1.7868978	5.27222057	1.26E-06	3.11E-05



ENSMUSG00000078763	1.80835731	4.53862716	1.28E-06	3.13E-05
ENSMUSG00000002602	1.76690734	6.88800595	1.31E-06	3.20E-05
ENSMUSG00000001473	2.04203617	1.87223914	1.34E-06	3.27E-05
ENSMUSG00000021281	1.77523555	5.73800045	1.35E-06	3.31E-05
ENSMUSG00000031441	1.87030712	3.28779298	1.38E-06	3.35E-05
ENSMUSG00000023367	1.88798334	3.0118391	1.38E-06	3.36E-05
ENSMUSG00000037348	2.09213552	1.99184409	1.39E-06	3.36E-05
ENSMUSG00000095079	1.75941861	7.50481677	1.40E-06	3.40E-05
ENSMUSG00000020424	1.96078246	1.80390341	1.42E-06	3.43E-05
ENSMUSG00000050919	2.12164736	1.37386857	1.45E-06	3.48E-05
ENSMUSG00000096833	-1.7796178	5.06789416	1.45E-06	3.50E-05
ENSMUSG00000047810	1.78040835	4.94102145	1.53E-06	3.67E-05
ENSMUSG00000036622	1.77440615	5.23890049	1.53E-06	3.67E-05
ENSMUSG00000024856	1.774492	4.9787419	1.54E-06	3.67E-05
ENSMUSG00000013833	1.89467321	2.80803612	1.55E-06	3.69E-05
ENSMUSG00000021384	1.83030472	3.72477813	1.55E-06	3.69E-05
ENSMUSG00000007950	2.017749	1.49985601	1.56E-06	3.70E-05
ENSMUSG00000050989	1.8519348	3.45909858	1.63E-06	3.85E-05
ENSMUSG00000007570	1.89357082	2.24945782	1.63E-06	3.85E-05
ENSMUSG00000071724	2.26406131	0.97438846	1.64E-06	3.85E-05
ENSMUSG00000022180	1.88891912	2.9317253	1.64E-06	3.85E-05
ENSMUSG00000029330	2.21003967	1.16081392	1.69E-06	3.98E-05
ENSMUSG00000051403	1.79174354	4.05723022	1.76E-06	4.12E-05
ENSMUSG00000022211	2.11622504	1.42448615	1.76E-06	4.13E-05
ENSMUSG00000037570	1.79870694	3.94317746	1.77E-06	4.13E-05
ENSMUSG00000049999	2.30775299	0.82619744	1.78E-06	4.15E-05
ENSMUSG00000023009	2.29883492	1.04457379	1.85E-06	4.30E-05
ENSMUSG00000048078	1.83535866	3.61200483	1.85E-06	4.30E-05
ENSMUSG00000036199	1.79014416	3.81318814	1.88E-06	4.36E-05
ENSMUSG00000001751	1.78853147	3.78879407	1.91E-06	4.42E-05
ENSMUSG00000025171	2.10763782	1.32431824	1.92E-06	4.44E-05
ENSMUSG00000053541	-1.7324731	7.10780644	1.97E-06	4.55E-05
ENSMUSG00000055322	1.8490038	3.31126843	1.98E-06	4.56E-05
ENSMUSG00000026981	1.87887406	2.88349589	1.99E-06	4.57E-05
ENSMUSG00000074661	-1.9207466	2.31032071	2.00E-06	4.59E-05
ENSMUSG00000055782	1.86321027	3.22340864	2.02E-06	4.61E-05
ENSMUSG00000047250	1.77584323	4.2727783	2.09E-06	4.77E-05
ENSMUSG00000028460	1.82827119	3.39013367	2.13E-06	4.84E-05
ENSMUSG00000020766	2.19287921	1.31152195	2.15E-06	4.89E-05
ENSMUSG00000062753	1.85739701	2.73944161	2.16E-06	4.90E-05
ENSMUSG00000044811	1.79550564	3.77934326	2.18E-06	4.93E-05
ENSMUSG00000062683	1.80556546	3.34231065	2.18E-06	4.93E-05
ENSMUSG00000055053	1.83338789	3.36955733	2.20E-06	4.95E-05

ENSMUSG00000026833	1.84244727	2.8478796	2.26E-06	5.07E-05
ENSMUSG00000075705	1.74211422	5.1638098	2.30E-06	5.16E-05
ENSMUSG00000024953	1.74847058	4.79110267	2.32E-06	5.19E-05
ENSMUSG00000015947	1.80489739	3.33042308	2.37E-06	5.28E-05
ENSMUSG00000046822	1.82457663	2.96065528	2.37E-06	5.28E-05
ENSMUSG00000045664	1.93269897	1.92669111	2.38E-06	5.31E-05
ENSMUSG00000009292	1.73123673	5.70951577	2.41E-06	5.35E-05
ENSMUSG00000086712	1.85462746	2.90074758	2.42E-06	5.37E-05
ENSMUSG00000034652	1.72885303	5.62105455	2.43E-06	5.37E-05
ENSMUSG00000076594	-1.7918399	3.57836828	2.47E-06	5.46E-05
ENSMUSG00000020235	1.75584864	4.50546379	2.48E-06	5.47E-05
ENSMUSG00000024910	1.79005704	3.37135496	2.48E-06	5.47E-05
ENSMUSG00000005580	1.96694588	1.89553487	2.51E-06	5.52E-05
ENSMUSG00000067714	1.98427351	1.69184703	2.56E-06	5.62E-05
ENSMUSG00000048897	1.73319112	5.10665343	2.58E-06	5.65E-05
ENSMUSG00000030124	2.07514482	1.53824656	2.59E-06	5.65E-05
ENSMUSG00000040466	1.75722849	4.38586065	2.59E-06	5.65E-05
ENSMUSG00000096632	-1.7974239	3.36427203	2.60E-06	5.65E-05
ENSMUSG00000020092	2.32275987	0.89525907	2.73E-06	5.93E-05
ENSMUSG00000076591	-1.8105636	3.2377079	2.74E-06	5.94E-05
ENSMUSG00000076569	-1.7131307	6.03425108	2.81E-06	6.08E-05
ENSMUSG00000097230	-1.8814677	2.29534845	2.92E-06	6.31E-05
ENSMUSG00000021614	1.85532352	2.76216792	2.94E-06	6.35E-05
ENSMUSG00000076525	-1.8564155	2.49172872	2.97E-06	6.40E-05
ENSMUSG00000053318	1.79318198	3.1836159	3.01E-06	6.46E-05
ENSMUSG00000036820	1.8727162	2.54611704	3.01E-06	6.46E-05
ENSMUSG00000029545	1.81925206	2.75556307	3.04E-06	6.51E-05
ENSMUSG00000057948	1.70513332	5.85352919	3.05E-06	6.52E-05
ENSMUSG00000049823	1.97185782	1.68136867	3.06E-06	6.52E-05
ENSMUSG00000032232	2.57563103	0.34775985	3.10E-06	6.59E-05
ENSMUSG00000029723	1.70765512	5.62206608	3.12E-06	6.60E-05
ENSMUSG00000034361	2.01486137	1.93503528	3.12E-06	6.60E-05
ENSMUSG00000032333	1.72806112	4.87999053	3.12E-06	6.60E-05
ENSMUSG00000027222	1.79810565	2.73999079	3.14E-06	6.64E-05
ENSMUSG00000048807	2.22678411	1.11339851	3.18E-06	6.70E-05
ENSMUSG00000026435	1.76592865	3.57202162	3.23E-06	6.79E-05
ENSMUSG00000022218	1.99654578	1.91924153	3.29E-06	6.92E-05
ENSMUSG00000031375	2.21880016	1.03403763	3.33E-06	6.97E-05
ENSMUSG00000037306	1.88046337	2.42887535	3.35E-06	7.02E-05
ENSMUSG00000044199	1.72516271	4.2943014	3.39E-06	7.08E-05
ENSMUSG00000041939	2.08274945	1.4074527	3.44E-06	7.17E-05
ENSMUSG00000024958	1.83367375	2.84338424	3.46E-06	7.21E-05
ENSMUSG00000020153	1.85040996	2.79737423	3.48E-06	7.24E-05

ENSMUSG00000024187	1.72944095	4.40818627	3.52E-06	7.31E-05
ENSMUSG00000022414	1.78528047	3.24909766	3.53E-06	7.32E-05
ENSMUSG00000025579	1.72701526	4.31110408	3.55E-06	7.34E-05
ENSMUSG00000020538	1.71206209	4.82759265	3.58E-06	7.38E-05
ENSMUSG00000045287	2.03293335	1.34027307	3.60E-06	7.43E-05
ENSMUSG00000032691	1.75655154	4.00574323	3.63E-06	7.46E-05
ENSMUSG00000037349	2.25912849	0.87514301	3.66E-06	7.52E-05
ENSMUSG00000039621	1.6862911	6.72327761	3.68E-06	7.54E-05
ENSMUSG00000037692	1.76218588	3.5727964	3.78E-06	7.74E-05
ENSMUSG00000039759	1.83696873	2.63050726	3.80E-06	7.77E-05
ENSMUSG00000047423	1.73223332	3.76390701	3.82E-06	7.78E-05
ENSMUSG00000067149	-1.6776852	8.38704364	3.83E-06	7.80E-05
ENSMUSG00000037979	2.281195	0.90650438	3.84E-06	7.80E-05
ENSMUSG00000015363	1.70515428	4.8280769	3.87E-06	7.84E-05
ENSMUSG00000036473	1.8225224	2.82250056	3.88E-06	7.85E-05
ENSMUSG00000026271	1.74161441	3.89510417	3.89E-06	7.85E-05
ENSMUSG00000024941	1.70561554	4.683539	3.96E-06	7.99E-05
ENSMUSG00000013033	1.74099446	3.75471677	3.97E-06	7.99E-05
ENSMUSG00000000791	1.97860667	1.61185721	4.18E-06	8.41E-05
ENSMUSG00000044345	1.74096566	3.70429625	4.20E-06	8.42E-05
ENSMUSG00000086593	2.49779073	0.55435941	4.26E-06	8.53E-05
ENSMUSG00000022421	2.07161811	1.52330566	4.31E-06	8.62E-05
ENSMUSG00000025792	1.91765678	1.88582983	4.39E-06	8.76E-05
ENSMUSG00000033434	1.76675009	3.14585021	4.40E-06	8.76E-05
ENSMUSG00000050931	1.88296216	2.34638777	4.45E-06	8.85E-05
ENSMUSG00000080316	2.16907923	0.93219787	4.61E-06	9.16E-05
ENSMUSG00000029600	2.07264623	1.09768939	4.65E-06	9.21E-05
ENSMUSG00000009418	1.7102045	4.4109311	4.73E-06	9.35E-05
ENSMUSG00000015968	1.72729424	4.25352259	4.84E-06	9.56E-05
ENSMUSG00000042558	1.7377543	3.52376732	4.88E-06	9.62E-05
ENSMUSG00000027333	1.77161116	3.24792955	5.04E-06	9.93E-05
ENSMUSG00000030852	2.36001775	0.5597268	5.08E-06	9.99E-05
ENSMUSG00000056724	1.67541936	5.20305981	5.19E-06	0.00010173
ENSMUSG00000017417	2.17559325	1.08971097	5.28E-06	0.00010342
ENSMUSG00000032487	1.66582057	5.67317249	5.35E-06	0.00010444
ENSMUSG00000024730	2.06971736	1.40720545	5.35E-06	0.00010444
ENSMUSG00000066861	2.30747459	0.60675192	5.37E-06	0.00010449
ENSMUSG00000014599	1.6899863	4.45871606	5.37E-06	0.00010449
ENSMUSG00000056071	1.65602754	6.91543675	5.47E-06	0.00010608
ENSMUSG00000035637	1.75557471	3.10213211	5.47E-06	0.00010608
ENSMUSG00000101013	-1.6817162	4.67857186	5.49E-06	0.00010626
ENSMUSG00000023908	1.77393901	2.84573758	5.53E-06	0.00010655
ENSMUSG00000030792	1.92703323	1.85427008	5.53E-06	0.00010655

ENSMUSG0000003123	1.69336848	4.1131649	5.53E-06	0.00010655
ENSMUSG00000028062	1.6939077	4.01430173	5.54E-06	0.00010658
ENSMUSG00000018585	1.71434204	3.6703922	5.58E-06	0.00010716
ENSMUSG00000032583	1.75733821	2.64587246	5.65E-06	0.00010824
ENSMUSG00000025981	-1.6551824	6.09392469	5.71E-06	0.00010915
ENSMUSG00000022540	1.66085782	5.31886026	5.93E-06	0.00011317
ENSMUSG00000001729	1.65327115	5.73680465	5.98E-06	0.00011398
ENSMUSG00000001082	1.73344377	3.41495988	6.04E-06	0.00011491
ENSMUSG00000035722	1.64584774	6.66930807	6.07E-06	0.00011526
ENSMUSG00000024617	1.85545175	2.60325535	6.12E-06	0.00011618
ENSMUSG00000020101	1.64860287	6.23247378	6.17E-06	0.00011691
ENSMUSG00000059498	1.65683354	5.3117001	6.28E-06	0.0001187
ENSMUSG00000017144	1.70457501	3.5656825	6.30E-06	0.00011889
ENSMUSG00000021957	1.64245842	6.63137803	6.32E-06	0.00011906
ENSMUSG00000049295	1.9436964	1.83427479	6.38E-06	0.00012011
ENSMUSG00000079164	2.41285203	0.41903181	6.52E-06	0.00012254
ENSMUSG00000055926	1.8277454	2.54727561	6.59E-06	0.00012354
ENSMUSG00000022586	2.13394566	1.01606166	6.66E-06	0.00012466
ENSMUSG00000019487	1.70580022	3.19845077	6.78E-06	0.00012665
ENSMUSG00000020277	1.66141121	4.74994295	6.80E-06	0.00012682
ENSMUSG00000041164	1.63545279	6.99633211	6.81E-06	0.00012683
ENSMUSG00000022565	1.64206335	5.96536274	6.82E-06	0.00012683
ENSMUSG00000029314	-1.6861042	3.98467885	6.89E-06	0.00012791
ENSMUSG00000074811	1.8704709	1.85257895	6.97E-06	0.00012928
ENSMUSG00000024334	1.63294568	6.70152373	7.03E-06	0.00013006
ENSMUSG00000035314	2.11638383	0.91491245	7.04E-06	0.00013018
ENSMUSG00000025503	1.63453488	6.36184173	7.13E-06	0.00013159
ENSMUSG00000017466	1.68928502	3.88431131	7.14E-06	0.00013159
ENSMUSG00000030970	1.96624685	1.55285986	7.19E-06	0.0001322
ENSMUSG00000003526	1.97189628	1.35673475	7.21E-06	0.00013228
ENSMUSG00000073412	1.68843928	3.72881851	7.22E-06	0.00013228
ENSMUSG00000062661	2.44280252	0.35621192	7.46E-06	0.00013661
ENSMUSG00000028670	1.65731613	4.51062168	7.59E-06	0.00013869
ENSMUSG00000072825	1.72226018	2.88537134	7.78E-06	0.00014194
ENSMUSG00000001020	1.64140065	5.1001588	7.79E-06	0.00014194
ENSMUSG00000034634	1.61936148	7.94405086	7.91E-06	0.00014382
ENSMUSG00000048621	-1.6198349	7.78764899	8.00E-06	0.00014494
ENSMUSG00000030223	1.66845551	4.13201993	8.01E-06	0.00014494
ENSMUSG00000046230	-1.6210806	7.29711998	8.01E-06	0.00014494
ENSMUSG00000037344	1.72059387	3.33310943	8.02E-06	0.00014494
ENSMUSG00000001911	1.78194511	2.23989352	8.11E-06	0.00014628
ENSMUSG00000029162	1.79373914	2.05769522	8.14E-06	0.0001467
ENSMUSG00000035671	1.7056219	3.17999387	8.17E-06	0.00014701

ENSMUSG00000033819	1.75900595	2.66471523	8.29E-06	0.00014882
ENSMUSG00000024769	1.73350044	2.84044022	8.32E-06	0.00014923
ENSMUSG00000005800	1.74080106	3.00439287	8.36E-06	0.00014956
ENSMUSG00000019891	-1.8920103	1.63716222	8.37E-06	0.00014956
ENSMUSG00000052776	1.67869586	3.70344995	8.38E-06	0.00014962
ENSMUSG00000073423	1.96087277	1.72963561	8.50E-06	0.0001515
ENSMUSG00000025163	1.69179593	3.58344332	8.54E-06	0.00015202
ENSMUSG00000063455	2.69250088	0.26534758	8.60E-06	0.00015275
ENSMUSG00000019659	1.64606296	4.43722367	8.62E-06	0.00015295
ENSMUSG00000059326	1.65728588	4.10579665	8.81E-06	0.00015609
ENSMUSG00000015335	1.84459408	2.0996245	8.84E-06	0.00015634
ENSMUSG00000025573	1.94596566	1.09359522	8.98E-06	0.00015862
ENSMUSG00000021279	1.65007658	4.37430297	9.00E-06	0.00015874
ENSMUSG00000028776	1.91745596	1.98332909	9.20E-06	0.00016192
ENSMUSG00000063897	1.79579677	2.03219007	9.28E-06	0.00016316
ENSMUSG00000017418	-1.6118129	6.33403161	9.46E-06	0.00016586
ENSMUSG00000030742	1.66956437	3.61608021	9.47E-06	0.00016586
ENSMUSG00000029053	1.6779182	3.35226361	9.57E-06	0.00016737
ENSMUSG00000001768	1.73327511	2.71403371	9.58E-06	0.00016737
ENSMUSG00000028108	1.78706526	2.50642348	9.69E-06	0.00016895
ENSMUSG00000031787	1.7265311	2.78853668	9.70E-06	0.000169
ENSMUSG00000027947	1.61384433	5.77248662	9.85E-06	0.00017134
ENSMUSG00000000627	2.16788196	0.71609225	9.90E-06	0.00017193
ENSMUSG00000071714	1.69790303	3.22812193	9.98E-06	0.00017301
ENSMUSG00000063268	1.61711244	5.13860141	1.02E-05	0.00017692
ENSMUSG00000032193	1.60878165	5.75394749	1.03E-05	0.00017756
ENSMUSG00000003134	1.64337888	4.19323202	1.05E-05	0.00018163
ENSMUSG00000040717	2.01152322	1.16327513	1.06E-05	0.00018226
ENSMUSG00000039199	2.22786964	0.84326574	1.06E-05	0.00018234
ENSMUSG00000006731	1.59551604	7.79581477	1.07E-05	0.00018429
ENSMUSG00000040390	1.81212296	1.82472811	1.11E-05	0.00019088
ENSMUSG00000041115	1.78247447	2.3917048	1.11E-05	0.00019096
ENSMUSG00000076518	-1.6596718	3.73608011	1.12E-05	0.00019221
ENSMUSG00000047417	1.61318318	5.03000502	1.13E-05	0.00019224
ENSMUSG00000068747	1.62069138	4.81437938	1.13E-05	0.00019259
ENSMUSG00000038387	1.64187047	3.76575966	1.15E-05	0.00019557
ENSMUSG00000068551	1.67507052	3.20442904	1.16E-05	0.00019769
ENSMUSG00000039735	2.13956418	1.07760033	1.17E-05	0.00019854
ENSMUSG00000021699	-1.6141972	4.82127005	1.19E-05	0.00020158
ENSMUSG00000018677	1.63934629	4.0513194	1.20E-05	0.00020246
ENSMUSG00000033735	1.88687988	1.78870934	1.20E-05	0.00020294
ENSMUSG00000003644	1.59264795	6.13020175	1.21E-05	0.00020411
ENSMUSG00000025498	1.59318451	6.12761531	1.22E-05	0.00020516

ENSMUSG00000028937	1.68169992	2.84745705	1.24E-05	0.00020891
ENSMUSG00000023079	1.75059189	2.51844586	1.24E-05	0.00020891
ENSMUSG00000025225	1.58340353	7.38006463	1.25E-05	0.00021022
ENSMUSG00000039109	1.59273402	5.82405783	1.26E-05	0.00021033
ENSMUSG00000004610	1.64809716	3.58013181	1.26E-05	0.00021051
ENSMUSG00000033128	1.60488389	4.95348195	1.28E-05	0.00021387
ENSMUSG00000026638	2.31423868	0.96713285	1.29E-05	0.00021527
ENSMUSG00000071540	2.16924887	1.00856712	1.30E-05	0.00021702
ENSMUSG00000020057	1.75568935	2.29569582	1.31E-05	0.00021808
ENSMUSG00000022564	1.58659768	6.173749	1.32E-05	0.00021991
ENSMUSG00000040659	1.59643949	4.95655464	1.37E-05	0.00022655
ENSMUSG00000035673	1.58643164	5.64955949	1.37E-05	0.00022682
ENSMUSG00000027533	1.68836459	3.05862843	1.37E-05	0.00022702
ENSMUSG00000034471	1.87501651	1.37144553	1.38E-05	0.00022818
ENSMUSG00000041797	1.61438438	4.11481548	1.39E-05	0.00022886
ENSMUSG00000055041	1.91434956	1.52245593	1.40E-05	0.00023028
ENSMUSG00000051537	1.83881067	1.81733576	1.41E-05	0.00023114
ENSMUSG00000056124	1.84779274	1.78319607	1.41E-05	0.00023114
ENSMUSG00000041695	1.67562088	3.12569498	1.41E-05	0.00023122
ENSMUSG00000024965	1.57506584	6.68792629	1.43E-05	0.00023375
ENSMUSG00000026014	1.69605326	2.99376492	1.43E-05	0.00023375
ENSMUSG00000074227	1.62157169	3.9947844	1.43E-05	0.00023378
ENSMUSG00000027398	1.57134427	7.9549089	1.44E-05	0.00023505
ENSMUSG00000068227	1.59378262	4.95498511	1.44E-05	0.0002351
ENSMUSG00000015092	1.61324324	4.16524525	1.45E-05	0.00023538
ENSMUSG00000070348	1.65548953	3.34517269	1.46E-05	0.00023687
ENSMUSG00000023277	1.5923092	4.79804757	1.46E-05	0.00023715
ENSMUSG00000011267	1.69582768	2.55532545	1.50E-05	0.00024357
ENSMUSG00000003299	1.6206807	3.743201	1.51E-05	0.00024458
ENSMUSG00000028864	1.97270146	1.17764478	1.52E-05	0.00024458
ENSMUSG00000020432	1.58799006	4.98860268	1.52E-05	0.00024458
ENSMUSG00000079138	-1.7828871	1.77557413	1.52E-05	0.00024487
ENSMUSG00000060216	1.57339832	6.12337807	1.53E-05	0.00024536
ENSMUSG00000060429	1.92183746	1.61588861	1.53E-05	0.00024597
ENSMUSG00000076580	-1.5851806	5.36118767	1.53E-05	0.00024597
ENSMUSG00000059714	1.63603316	3.51602059	1.54E-05	0.00024601
ENSMUSG00000027068	1.77839248	2.36273222	1.54E-05	0.00024601
ENSMUSG00000026073	1.73872172	2.46835573	1.60E-05	0.00025483
ENSMUSG00000031765	2.37718804	0.65428133	1.60E-05	0.00025483
ENSMUSG00000028838	1.63893673	2.91651653	1.61E-05	0.00025666
ENSMUSG00000006179	1.7607107	2.17884242	1.67E-05	0.00026545
ENSMUSG00000036256	1.81761854	1.63578399	1.67E-05	0.00026545
ENSMUSG00000022791	1.57397191	5.34332211	1.68E-05	0.00026574

ENSMUSG00000026483	1.57071567	5.74628264	1.68E-05	0.00026604
ENSMUSG00000031391	1.57713964	5.37502487	1.69E-05	0.00026657
ENSMUSG00000006333	1.55585771	8.90078255	1.69E-05	0.00026722
ENSMUSG00000069516	1.55480229	9.51700875	1.71E-05	0.00026862
ENSMUSG00000070476	2.01602505	1.19806411	1.71E-05	0.00026862
ENSMUSG00000061046	1.79707508	2.00637613	1.72E-05	0.00027093
ENSMUSG00000021375	1.60668983	3.93311176	1.74E-05	0.00027277
ENSMUSG00000031808	1.74115338	1.91945744	1.75E-05	0.00027405
ENSMUSG00000032548	2.49492836	0.38741389	1.75E-05	0.00027405
ENSMUSG00000074277	1.67607986	2.47354527	1.77E-05	0.0002761
ENSMUSG00000052302	1.85253141	1.82024217	1.77E-05	0.00027662
ENSMUSG00000040026	2.61229529	0.42655671	1.78E-05	0.00027839
ENSMUSG00000026938	1.56542693	5.71035635	1.80E-05	0.00027977
ENSMUSG00000022272	1.62949706	3.63617397	1.81E-05	0.00028094
ENSMUSG00000019055	1.60440937	3.63158132	1.85E-05	0.00028742
ENSMUSG00000020782	1.72098749	2.25879808	1.85E-05	0.00028742
ENSMUSG00000044037	1.5925985	4.28958632	1.87E-05	0.00029038
ENSMUSG00000029821	2.13825136	0.7544695	1.90E-05	0.00029422
ENSMUSG00000023045	2.15667381	0.78384569	1.91E-05	0.00029517
ENSMUSG00000025509	1.56263798	5.22729802	1.92E-05	0.00029557
ENSMUSG00000022651	1.64597292	3.42816873	1.92E-05	0.00029557
ENSMUSG00000027994	1.75865184	1.81001404	1.92E-05	0.00029557
ENSMUSG00000045636	1.604604	3.83531505	1.93E-05	0.00029631
ENSMUSG00000024220	1.72229093	2.27408337	1.96E-05	0.00030005
ENSMUSG00000001229	1.56115923	5.23867019	1.97E-05	0.00030163
ENSMUSG00000058099	1.54804444	6.49605255	2.00E-05	0.00030676
ENSMUSG00000042333	1.58248568	4.3519055	2.02E-05	0.00030879
ENSMUSG00000051177	1.77382095	1.90442592	2.02E-05	0.00030879
ENSMUSG00000029478	1.56177403	5.09358649	2.03E-05	0.00030879
ENSMUSG00000024679	1.67148521	2.64308473	2.03E-05	0.00030886
ENSMUSG00000092609	2.25433232	0.28790372	2.03E-05	0.00030896
ENSMUSG00000020747	1.56886766	4.72972503	2.06E-05	0.00031219
ENSMUSG00000093674	1.54339615	6.68565254	2.11E-05	0.00032065
ENSMUSG00000044339	1.82063748	1.26181874	2.13E-05	0.00032222
ENSMUSG00000004508	1.59517396	3.87678729	2.13E-05	0.00032222
ENSMUSG00000063506	2.30730532	0.49390784	2.16E-05	0.00032649
ENSMUSG00000061353	2.21147019	0.49086175	2.16E-05	0.00032649
ENSMUSG00000022199	2.31527864	0.54697355	2.18E-05	0.00032873
ENSMUSG00000056531	-1.6924456	2.22066169	2.19E-05	0.00032991
ENSMUSG00000024312	1.59556218	3.64238256	2.20E-05	0.0003311
ENSMUSG00000067878	2.25316404	0.67712012	2.21E-05	0.00033183
ENSMUSG00000030530	1.56752197	4.8391752	2.22E-05	0.00033237
ENSMUSG00000022371	1.57156711	4.42031797	2.22E-05	0.00033237

ENSMUSG00000044103	1.67958195	2.83086719	2.23E-05	0.00033279
ENSMUSG00000026131	1.61200206	3.84745746	2.24E-05	0.00033405
ENSMUSG00000032554	1.64018666	2.9976322	2.25E-05	0.00033483
ENSMUSG00000055839	1.60805776	3.22619201	2.25E-05	0.00033483
ENSMUSG00000021109	-1.5339241	7.34625896	2.28E-05	0.00033903
ENSMUSG00000031813	1.61555037	3.03936002	2.28E-05	0.00033903
ENSMUSG00000064109	1.71699361	1.95161807	2.30E-05	0.00034072
ENSMUSG00000037936	1.55780299	4.75921227	2.30E-05	0.00034072
ENSMUSG00000025145	1.56850621	4.29494278	2.32E-05	0.00034241
ENSMUSG0000002968	1.62663833	3.00335286	2.32E-05	0.00034241
ENSMUSG00000050335	1.54754298	5.2786947	2.36E-05	0.00034776
ENSMUSG00000038545	1.68011467	2.21552731	2.36E-05	0.00034841
ENSMUSG00000029119	1.55075421	4.89614932	2.38E-05	0.00035041
ENSMUSG00000023143	1.58718543	3.51793312	2.44E-05	0.00035818
ENSMUSG00000066684	1.60414941	3.61200967	2.44E-05	0.00035818
ENSMUSG00000036959	1.58120529	3.65118698	2.45E-05	0.00035887
ENSMUSG00000024393	1.52650336	7.60426345	2.47E-05	0.00036105
ENSMUSG00000020877	1.87866768	1.03420428	2.49E-05	0.00036438
ENSMUSG00000028458	1.55114862	4.39538375	2.56E-05	0.00037384
ENSMUSG00000033857	1.67566612	2.27217766	2.59E-05	0.00037748
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ENSMUSG00000022114	1.60088568	3.27887614	2.60E-05	0.00037831
ENSMUSG00000035513	1.75604422	2.11248096	2.62E-05	0.00038032
ENSMUSG00000034216	1.54706921	4.58104188	2.62E-05	0.00038072
ENSMUSG00000095788	1.58901921	3.49147035	2.72E-05	0.00039389
ENSMUSG0000002984	1.58312229	3.61176105	2.85E-05	0.00041188
ENSMUSG00000029561	1.52602629	5.653177	2.85E-05	0.00041188
ENSMUSG00000031706	1.56988536	3.94256359	2.86E-05	0.00041368
ENSMUSG00000024140	1.86256628	0.94039153	2.89E-05	0.00041625
ENSMUSG00000041954	1.61707139	2.86796931	2.96E-05	0.00042601
ENSMUSG00000004846	1.53628224	4.7507494	2.98E-05	0.0004287
ENSMUSG00000016283	2.03178346	0.75695808	2.99E-05	0.00042886
ENSMUSG00000013974	1.57955097	3.48964073	2.99E-05	0.00042886
ENSMUSG00000022550	1.66152815	2.39400815	2.99E-05	0.00042886
ENSMUSG00000034957	1.65962372	2.30368428	3.00E-05	0.00042886
ENSMUSG00000015850	2.10062487	0.72110307	3.01E-05	0.00043004
ENSMUSG00000026939	1.95065376	1.1556137	3.04E-05	0.00043413
ENSMUSG00000010045	1.61137313	2.84465946	3.11E-05	0.00044346
ENSMUSG00000040850	-1.5069827	7.06404113	3.15E-05	0.00044886
ENSMUSG00000036599	1.60660093	2.87464201	3.17E-05	0.00045119
ENSMUSG00000039899	1.51827325	5.56297841	3.23E-05	0.00045835
ENSMUSG00000063810	-1.5513379	3.95782713	3.24E-05	0.00045913
ENSMUSG00000019261	1.71855714	1.94787162	3.24E-05	0.00045913



ENSMUSG00000037239	1.84601787	1.4606836	3.28E-05	0.00046343
ENSMUSG00000059013	1.51232452	5.66537251	3.28E-05	0.00046343
ENSMUSG00000026179	1.70172682	2.23373328	3.28E-05	0.00046346
ENSMUSG00000043940	1.55946902	4.10683337	3.31E-05	0.00046649
ENSMUSG00000068874	1.6995412	2.1055253	3.34E-05	0.00047012
ENSMUSG00000003345	1.52405139	4.9038344	3.35E-05	0.00047197
ENSMUSG00000079481	1.61233348	3.18043136	3.37E-05	0.00047291
ENSMUSG00000043391	1.74393318	1.85369125	3.38E-05	0.00047506
ENSMUSG00000050552	1.56551098	3.54340578	3.41E-05	0.00047752
ENSMUSG00000022614	1.53332652	4.36959384	3.42E-05	0.00047838
ENSMUSG00000062997	1.50455502	6.25804688	3.44E-05	0.0004811
ENSMUSG00000095497	-1.554285	3.80571944	3.47E-05	0.00048409
ENSMUSG00000031805	1.50437914	5.78168535	3.52E-05	0.00049011
ENSMUSG00000069515	1.71956646	2.02008271	3.52E-05	0.00049011
ENSMUSG00000031216	1.63128034	2.81473614	3.54E-05	0.00049264
ENSMUSG00000015854	1.51505077	5.19947802	3.55E-05	0.00049329
ENSMUSG00000044447	1.52912482	4.40713927	3.63E-05	0.00050443
ENSMUSG00000030680	1.61852317	2.460533	3.67E-05	0.0005088
ENSMUSG00000034640	-1.4934154	7.18731673	3.67E-05	0.0005089
ENSMUSG00000044162	2.24314424	0.45213344	3.69E-05	0.0005094
ENSMUSG00000022912	1.66716849	2.37786837	3.69E-05	0.0005094
ENSMUSG00000029725	2.13621829	0.41086601	3.71E-05	0.00051156
ENSMUSG00000047371	1.79475793	1.41220094	3.71E-05	0.00051156
ENSMUSG00000028051	2.33335946	0.34441962	3.73E-05	0.00051347
ENSMUSG00000027200	1.5242992	4.60650947	3.73E-05	0.00051347
ENSMUSG00000030120	1.51100708	4.89165724	3.77E-05	0.00051791
ENSMUSG00000032657	1.52712627	4.11469459	3.78E-05	0.00051845
ENSMUSG00000032718	1.87476963	0.90227495	3.78E-05	0.00051845
ENSMUSG00000062157	1.59212815	3.28724188	3.79E-05	0.00051861
ENSMUSG00000076615	1.5078808	5.45586951	3.82E-05	0.0005228
ENSMUSG00000034708	1.49056681	6.70373012	3.90E-05	0.00053179
ENSMUSG00000054640	1.58822331	3.00238997	3.95E-05	0.00053864
ENSMUSG00000051682	1.50440891	5.15267447	3.96E-05	0.00053969
ENSMUSG00000095028	1.63381081	2.53685371	3.98E-05	0.00054107
ENSMUSG00000025153	1.4901064	6.12318486	4.11E-05	0.00055871
ENSMUSG00000020400	1.48878925	5.68273785	4.18E-05	0.00056744
ENSMUSG00000024862	1.52712126	3.76999788	4.19E-05	0.00056753
ENSMUSG00000076498	1.56851565	3.01022806	4.20E-05	0.00056882
ENSMUSG00000025218	1.54432091	3.27109042	4.30E-05	0.00058117
ENSMUSG00000040813	1.5315116	3.36483248	4.41E-05	0.00059519
ENSMUSG00000034557	1.53477357	3.68463662	4.41E-05	0.00059519
ENSMUSG00000054855	2.20544757	0.39323356	4.46E-05	0.00060143
ENSMUSG00000022838	-1.6221819	2.34859257	4.50E-05	0.00060506

ENSMUSG00000032690	1.48009036	6.33306517	4.50E-05	0.00060527
ENSMUSG00000089855	1.50816144	3.90082243	4.51E-05	0.00060527
ENSMUSG00000033777	1.4991745	4.92110748	4.51E-05	0.00060527
ENSMUSG00000002944	-1.4761985	7.02403634	4.52E-05	0.00060532
ENSMUSG00000055013	1.61014148	2.75974097	4.64E-05	0.00062102
ENSMUSG00000039264	1.47601461	6.38599261	4.66E-05	0.00062259
ENSMUSG00000076583	-1.4814134	5.77186839	4.69E-05	0.00062596
ENSMUSG00000034947	1.53202087	3.79156744	4.69E-05	0.00062596
ENSMUSG00000071074	1.49777827	4.51578008	4.71E-05	0.00062768
ENSMUSG00000034889	1.51358066	4.06885121	4.73E-05	0.00062992
ENSMUSG00000040811	1.51745047	3.91894699	4.75E-05	0.00063184
ENSMUSG00000024663	1.51218547	4.18899836	4.79E-05	0.00063526
ENSMUSG00000021483	1.71605794	1.56899045	4.80E-05	0.00063619
ENSMUSG00000031828	1.71436184	1.45074574	4.80E-05	0.00063619
ENSMUSG00000008035	1.52484051	3.85134993	4.87E-05	0.00064481
ENSMUSG00000025384	1.58316845	2.45914843	4.89E-05	0.00064605
ENSMUSG00000050357	1.47815824	5.44887544	4.90E-05	0.00064608
ENSMUSG00000005125	1.4948893	4.4526852	5.05E-05	0.00066586
ENSMUSG00000039616	1.75328613	1.79109439	5.06E-05	0.00066637
ENSMUSG00000029060	1.53146254	3.55257933	5.07E-05	0.00066637
ENSMUSG00000037217	1.85157156	0.84441456	5.08E-05	0.00066726
ENSMUSG00000042745	1.82212553	1.22588618	5.10E-05	0.00066865
ENSMUSG00000030671	-1.4694145	6.02956276	5.15E-05	0.00067472
ENSMUSG00000042570	1.51460372	3.73184356	5.16E-05	0.00067472
ENSMUSG00000026822	1.68433232	2.26992566	5.17E-05	0.00067472
ENSMUSG00000029482	1.4973792	4.35283773	5.17E-05	0.00067472
ENSMUSG00000050075	-1.4619553	7.76288563	5.18E-05	0.00067568
ENSMUSG00000054452	1.46472488	6.27496477	5.34E-05	0.00069537
ENSMUSG00000001281	1.45885681	7.53862983	5.37E-05	0.00069939
ENSMUSG00000069114	-1.4675797	5.79924153	5.38E-05	0.00069939
ENSMUSG00000090252	-1.6877094	1.84068827	5.39E-05	0.00070064
ENSMUSG00000057286	1.67476494	1.63523303	5.40E-05	0.00070064
ENSMUSG00000033871	1.67673355	2.02532423	5.43E-05	0.00070356
ENSMUSG00000031807	1.49255223	4.38506026	5.47E-05	0.00070746
ENSMUSG00000035027	1.48330928	4.64511136	5.47E-05	0.00070774
ENSMUSG00000013858	1.46857161	5.36119158	5.50E-05	0.00071027
ENSMUSG00000009035	1.4792567	4.66344273	5.54E-05	0.00071535
ENSMUSG00000061577	1.54199024	2.7805787	5.73E-05	0.00073844
ENSMUSG00000076512	-1.7474203	1.56272667	6.00E-05	0.00077278
ENSMUSG00000039623	1.48593122	4.10100566	6.04E-05	0.00077698
ENSMUSG00000017664	1.46640627	5.01905597	6.21E-05	0.0007981
ENSMUSG00000020396	1.5960389	2.13038878	6.24E-05	0.00080113
ENSMUSG00000009076	1.55902908	2.56967716	6.26E-05	0.0008024

ENSMUSG00000023353	1.50179575	3.57915917	6.27E-05	0.0008024
ENSMUSG00000020307	1.48517612	3.91764655	6.37E-05	0.00081408
ENSMUSG00000039236	1.49425438	3.895282	6.42E-05	0.00081955
ENSMUSG00000028874	1.44618759	6.54520534	6.58E-05	0.00083928
ENSMUSG00000059108	1.55544385	2.8678505	6.67E-05	0.00085053
ENSMUSG00000038644	1.44810894	5.5765201	6.69E-05	0.00085073
ENSMUSG00000062127	1.65712187	1.87451005	6.69E-05	0.00085073
ENSMUSG00000039115	1.47002171	4.47498705	6.70E-05	0.00085106
ENSMUSG00000030588	1.58951523	2.36440605	6.72E-05	0.00085293
ENSMUSG00000029648	1.64611929	1.93064202	6.77E-05	0.00085863
ENSMUSG00000006611	1.47673314	4.16233468	6.84E-05	0.0008655
ENSMUSG00000029915	1.72868199	1.53686685	6.85E-05	0.00086662
ENSMUSG00000052512	1.62404823	2.3331233	6.93E-05	0.00087497
ENSMUSG00000030336	1.55283747	2.73662539	6.96E-05	0.00087787
ENSMUSG00000024330	1.63343875	2.1210098	7.05E-05	0.00088892
ENSMUSG00000038256	1.43993715	6.3618132	7.12E-05	0.000895
ENSMUSG00000026384	-1.4416722	5.93981602	7.12E-05	0.000895
ENSMUSG00000027583	1.51945229	3.33438234	7.30E-05	0.00091726
ENSMUSG00000003546	1.51172695	3.02203443	7.33E-05	0.00091976
ENSMUSG00000052539	-1.4854297	3.72864438	7.34E-05	0.0009198
ENSMUSG00000048930	1.48981274	3.51198065	7.38E-05	0.00092374
ENSMUSG00000073489	1.46591431	4.42827503	7.40E-05	0.00092556
ENSMUSG00000005803	1.51875355	3.1139434	7.41E-05	0.00092556
ENSMUSG00000032496	1.54596956	2.92517241	7.42E-05	0.00092617
ENSMUSG00000038507	1.47901773	3.89288339	7.49E-05	0.00093431
ENSMUSG00000054206	2.06480272	0.40872018	7.55E-05	0.00094085
ENSMUSG00000058427	1.46946579	4.19704962	7.64E-05	0.00095049
ENSMUSG00000020329	1.49754995	3.31551395	7.69E-05	0.00095614
ENSMUSG00000032340	1.8667525	1.2010238	7.71E-05	0.00095691
ENSMUSG00000078780	1.52140221	3.0466038	7.77E-05	0.00096306
ENSMUSG00000041199	1.71142361	1.41332436	7.77E-05	0.00096306
ENSMUSG00000002699	1.43499128	5.77976018	7.79E-05	0.00096387
ENSMUSG00000020953	1.51376363	3.15917502	7.83E-05	0.00096824
ENSMUSG00000038357	2.04163651	0.61216898	7.86E-05	0.00097105
ENSMUSG00000005824	1.59798009	2.0633675	7.93E-05	0.00097778
ENSMUSG00000018428	1.80254093	1.18317376	7.94E-05	0.00097827
ENSMUSG00000030553	1.8965636	0.76671902	8.00E-05	0.00098428
ENSMUSG00000058672	1.49414191	3.58234682	8.02E-05	0.00098548
ENSMUSG00000024960	1.47031301	3.90661866	8.02E-05	0.00098548
ENSMUSG00000079339	1.45598491	4.42997422	8.10E-05	0.00099374
ENSMUSG00000032591	2.03610892	0.54838793	8.14E-05	0.0009971
ENSMUSG00000000838	-1.4255601	6.40076114	8.22E-05	0.00100596
ENSMUSG00000014778	1.43554399	5.08552787	8.26E-05	0.00101017

ENSMUSG0000003199	1.44551804	4.43113754	8.31E-05	0.00101502
ENSMUSG00000040857	1.50985832	3.24601414	8.34E-05	0.00101774
ENSMUSG00000025574	1.45045878	4.65291466	8.40E-05	0.00102348
ENSMUSG00000027510	1.43079312	5.30716655	8.41E-05	0.00102374
ENSMUSG00000044857	1.44721665	4.48405171	8.42E-05	0.00102403
ENSMUSG00000099398	-1.6229796	1.27140186	8.46E-05	0.00102824
ENSMUSG00000054874	1.42711709	5.9029768	8.47E-05	0.00102824
ENSMUSG00000060131	1.44876595	4.69147708	8.49E-05	0.00102925
ENSMUSG00000050921	-1.4164199	8.50872002	8.52E-05	0.00103101
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ENSMUSG00000037966	1.46752929	3.59504938	9.53E-05	0.00114135
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ENSMUSG00000033318	1.50990809	2.90456482	9.87E-05	0.00117818
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ENSMUSG00000036553	1.4504718	3.63367372	0.00011058	0.00129314

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ENSMUSG00000036611	1.83786481	0.8252007	0.00011322	0.00131254
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ENSMUSG00000018927	1.40561325	5.36004978	0.00011609	0.0013409
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ENSMUSG00000074863	-1.6941968	1.12486272	0.00011945	0.00136765
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ENSMUSG00000026548	1.43034512	3.88112508	0.00012956	0.0014673
ENSMUSG00000097993	1.49887778	2.62576328	0.00013033	0.00147457
ENSMUSG00000070304	1.54534095	2.18056374	0.00013201	0.00149211
ENSMUSG00000078201	1.61700944	1.47493136	0.00013271	0.00149851
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ENSMUSG00000076490	1.51806558	2.40815129	0.0001338	0.0015079
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ENSMUSG00000031865	1.38500418	5.29957039	0.00014282	0.00158768
ENSMUSG00000080268	1.40343029	4.27489264	0.00014301	0.00158832
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ENSMUSG00000019039	1.38509854	4.9015693	0.00014957	0.0016453
ENSMUSG00000079017	1.38395648	5.08234695	0.00015264	0.00167744
ENSMUSG00000002963	1.3786771	5.12068292	0.0001531	0.00168089
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ENSMUSG00000033020	1.52619267	1.75170668	0.0001553	0.00170179
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ENSMUSG00000096954	-1.3783225	5.13764922	0.0001566	0.00171276
ENSMUSG00000032842	1.50709774	2.8050315	0.00015736	0.00171941
ENSMUSG00000071226	-1.3699959	5.66047381	0.00016	0.00174524
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ENSMUSG00000043587	1.60404368	1.78567273	0.0001643	0.00178337
ENSMUSG00000041754	1.66377905	1.53836236	0.00016456	0.00178457
ENSMUSG00000078783	1.46322982	2.69261101	0.00016493	0.00178686
ENSMUSG00000035585	1.50669425	2.26038519	0.00016583	0.00179492
ENSMUSG00000051043	1.81305926	0.59221402	0.00016662	0.00180081
ENSMUSG00000038895	1.44573792	2.57026241	0.00016669	0.00180081
ENSMUSG00000033705	1.42187873	3.81375608	0.00016697	0.00180218
ENSMUSG00000063856	1.35787842	6.99014551	0.0001678	0.00180943
ENSMUSG00000006154	-1.4098754	3.880663	0.00016799	0.00180974
ENSMUSG00000074735	-1.411891	3.52442601	0.00016857	0.00181434
ENSMUSG00000059895	1.35647289	6.81464219	0.00017106	0.0018394

ENSMUSG00000033209	1.3930256	4.26136372	0.00017138	0.0018411
ENSMUSG00000015568	1.43489145	3.29952038	0.00017221	0.00184827
ENSMUSG00000024677	1.35593233	7.16875087	0.00017237	0.0018483
ENSMUSG00000049191	1.42812496	3.12378778	0.0001732	0.00185543
ENSMUSG00000070604	1.71313582	0.97055817	0.0001735	0.00185691
ENSMUSG00000035992	-1.3585738	6.05143201	0.00017376	0.00185804
ENSMUSG00000036206	1.86627281	0.66252743	0.00017422	0.00186122
ENSMUSG00000020941	1.36281204	5.45623689	0.00017465	0.00186408
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ENSMUSG00000026094	-1.3458885	10.4365387	0.00018109	0.0019292
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ENSMUSG00000043953	1.36486706	5.06938096	0.00018482	0.0019545
ENSMUSG00000037904	1.71043335	1.19937503	0.0001889	0.00199572
ENSMUSG00000017493	1.44190872	3.03660045	0.00019021	0.0020078
ENSMUSG00000074141	1.35729137	5.34895088	0.00019106	0.00201487
ENSMUSG00000005043	1.36151256	5.01588053	0.00019424	0.00204657
ENSMUSG00000078122	1.48555703	2.6932847	0.00019455	0.00204796
ENSMUSG00000005514	1.37438019	4.39990122	0.00019524	0.00205283
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ENSMUSG00000042272	1.49640646	2.12795018	0.00019648	0.00206166
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ENSMUSG00000023571	1.50342628	2.34976323	0.00019808	0.00207555
ENSMUSG00000007603	1.38487864	3.9763807	0.00019834	0.00207646
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ENSMUSG00000037031	-1.4104829	2.91761922	0.0002006	0.0020963
ENSMUSG00000002227	1.36690364	4.51640675	0.00020147	0.00210027
ENSMUSG00000025324	1.44280187	2.82005513	0.00020152	0.00210027
ENSMUSG00000056629	1.39951008	3.24795498	0.00020153	0.00210027
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ENSMUSG00000007891	1.33747152	7.83840273	0.0002031	0.0021128
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ENSMUSG00000005442	1.33981141	6.62681995	0.00020583	0.00213731
ENSMUSG00000024959	1.56622149	1.4002508	0.00020789	0.00215676
ENSMUSG00000029468	1.377318	4.01280336	0.00020928	0.00216923
ENSMUSG00000026922	1.3936481	3.39720526	0.00020987	0.00217342
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ENSMUSG00000073664	-1.3385989	6.25932123	0.00021236	0.00219521

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ENSMUSG00000027360	1.38879709	4.10609424	0.00021737	0.00223099
ENSMUSG00000042303	1.4439677	2.61215117	0.00021825	0.00223644
ENSMUSG00000035004	1.34034478	5.69721601	0.00021829	0.00223644
ENSMUSG00000047181	1.46445061	2.64926628	0.00021886	0.00224025
ENSMUSG00000025362	1.33288098	6.48648186	0.0002193	0.0022427
ENSMUSG00000021108	1.36233114	4.23330591	0.00022019	0.00224989
ENSMUSG00000024339	1.33579203	5.94844614	0.0002234	0.00227765
ENSMUSG00000095115	1.38561139	3.72443009	0.00022349	0.00227765
ENSMUSG00000053560	1.3458555	5.26575722	0.0002235	0.00227765
ENSMUSG00000037606	1.34343575	5.09467199	0.00022411	0.00228179
ENSMUSG00000019944	1.55497982	1.93772049	0.00022463	0.00228507
ENSMUSG00000027602	1.43580909	2.52542378	0.00022684	0.00230552
ENSMUSG00000067586	-1.3321061	6.24794153	0.00022766	0.00231178
ENSMUSG00000022408	1.9626228	0.54980624	0.00022854	0.00231748
ENSMUSG00000038807	1.34483013	5.1458936	0.00022867	0.00231748
ENSMUSG00000038351	1.43060027	2.76383375	0.00022902	0.00231748
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ENSMUSG00000022788	1.39695636	3.43373233	0.00022923	0.00231748
ENSMUSG00000028327	1.54934639	1.8163173	0.0002301	0.00232422
ENSMUSG00000022193	1.36180121	3.84030917	0.00023058	0.00232701
ENSMUSG00000022148	1.3296251	6.46903521	0.00023172	0.00233655
ENSMUSG00000023022	1.40436794	3.28170153	0.00023475	0.00236386
ENSMUSG00000007833	1.37317209	3.88172854	0.00023484	0.00236386
ENSMUSG00000070000	1.33103738	5.81920822	0.00023614	0.00237483
ENSMUSG00000012296	1.38214779	3.42353897	0.00024362	0.00244788
ENSMUSG00000030125	1.61551241	1.65101111	0.00024541	0.00246379
ENSMUSG00000031377	1.7318995	1.15684048	0.00024574	0.0024649
ENSMUSG00000029093	1.44084111	2.73879487	0.00024726	0.00247802
ENSMUSG00000020260	1.35624082	3.97747653	0.00025102	0.0025135
ENSMUSG00000003420	1.34042698	4.48108424	0.0002592	0.00259314
ENSMUSG00000067924	1.96940208	0.44761915	0.00026081	0.00260698
ENSMUSG00000034664	1.58897503	1.24944099	0.00026142	0.00261082
ENSMUSG00000062488	1.42511486	2.50003874	0.00026565	0.0026507
ENSMUSG00000025500	1.39244807	3.00239285	0.0002666	0.00265786
ENSMUSG00000035559	1.41153159	2.65858008	0.00026863	0.00267582
ENSMUSG00000052688	1.42702514	2.59386147	0.00026982	0.00268533



ENSMUSG0000006344	1.4353086	2.44260194	0.00027287	0.00270976
ENSMUSG00000024927	1.31511614	6.12501744	0.00027294	0.00270976
ENSMUSG00000073628	-1.3629381	3.48252508	0.00027298	0.00270976
ENSMUSG00000069727	-1.5752411	1.41050969	0.00027673	0.00274462
ENSMUSG00000044496	1.32882172	4.71733483	0.00027772	0.00275205
ENSMUSG00000050965	-1.3221412	5.2012359	0.00027963	0.0027686
ENSMUSG00000037089	1.33471389	4.49124437	0.00028098	0.00277954
ENSMUSG00000045374	1.31842659	5.4449567	0.00028184	0.00278566
ENSMUSG00000063439	1.4035285	2.53281516	0.00028337	0.00279836
ENSMUSG00000023067	1.33332411	4.45887923	0.0002838	0.00280022
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ENSMUSG00000063652	1.69192595	0.92643534	0.00028565	0.0028137
ENSMUSG00000098292	1.71700319	0.51078554	0.00028697	0.00282428
ENSMUSG00000058325	1.49199001	2.11061708	0.00028767	0.00282866
ENSMUSG00000025855	1.78450182	1.05184384	0.00028829	0.00283235
ENSMUSG00000019122	1.32991193	4.66169485	0.00028982	0.00284495
ENSMUSG00000079293	1.32728686	4.9818796	0.00029057	0.0028499
ENSMUSG00000028962	1.3202259	4.8666864	0.00029594	0.00290013
ENSMUSG00000057342	1.34193041	3.82278604	0.0002985	0.0029227
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ENSMUSG00000037649	1.30041215	7.45552576	0.00030125	0.00294289
ENSMUSG00000063931	1.33425973	3.97297729	0.00030133	0.00294289
ENSMUSG00000026875	1.3042401	6.62820073	0.00030208	0.0029477
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ENSMUSG00000026641	1.3053506	5.69970435	0.00030655	0.00298203
ENSMUSG00000034659	1.32985791	4.21326132	0.00030671	0.00298203
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ENSMUSG00000038068	1.3856079	3.05258025	0.0003099	0.00300865
ENSMUSG00000095737	-1.5142951	1.60758066	0.00031098	0.00301661
ENSMUSG00000024098	-1.3105558	5.26757326	0.00031211	0.00302343
ENSMUSG00000030200	1.56823638	1.59928254	0.00031221	0.00302343
ENSMUSG00000020536	1.3154335	4.79671387	0.00031373	0.00303561
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ENSMUSG00000067297	1.6539367	1.15259168	0.00032233	0.00311359
ENSMUSG00000027624	1.68785235	0.98525105	0.0003238	0.00312521
ENSMUSG00000024942	1.29517348	6.3900381	0.00032864	0.00316806
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ENSMUSG00000025158	1.34217296	3.46599057	0.00033369	0.00320241
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ENSMUSG00000039483	1.34486115	3.67903454	0.00033467	0.00320319
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ENSMUSG00000093470	-1.2882255	8.40160244	0.00033734	0.00322334
ENSMUSG00000034936	1.45668528	2.30109377	0.00033772	0.00322431
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ENSMUSG00000034171	1.29200334	5.80940494	0.00035873	0.0033911
ENSMUSG00000017756	1.30261126	5.07985596	0.00036172	0.00341661
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ENSMUSG00000071267	-1.3058373	4.55949069	0.00036743	0.00346485
ENSMUSG00000027315	1.69013013	0.6936088	0.00036981	0.00348443
ENSMUSG00000040212	1.29355966	5.20787914	0.00037122	0.00349477
ENSMUSG00000043939	1.51237066	1.99294827	0.00037171	0.0034966
ENSMUSG00000022844	1.59704793	1.18073785	0.00037705	0.00354385
ENSMUSG00000001750	1.28120499	6.33117832	0.00038031	0.00356883
ENSMUSG00000036362	1.32404059	3.8270565	0.00038032	0.00356883
ENSMUSG00000049103	1.286959	5.74633489	0.00038093	0.00357157
ENSMUSG00000095630	-1.2948719	5.07700903	0.0003826	0.00358437
ENSMUSG00000032776	-1.29169	5.22549116	0.0003853	0.00360479
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ENSMUSG00000002372	1.28881444	5.27096013	0.00038644	0.00360857
ENSMUSG00000045551	1.35353174	3.11074311	0.00038759	0.00361639
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ENSMUSG00000024613	1.27928887	6.25807746	0.00039186	0.00364588
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ENSMUSG00000064493	-1.4615225	1.6377313	0.00040355	0.00372
ENSMUSG00000034201	1.68048388	0.97404417	0.00041187	0.00378999
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ENSMUSG00000032120	1.30890572	3.81265611	0.00041808	0.00383244
ENSMUSG00000020230	1.33490316	3.28560786	0.00042278	0.00387243
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ENSMUSG00000031432	-1.2745872	5.36718739	0.00044302	0.00403531
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ENSMUSG00000039850	1.30397824	3.96008637	0.00044658	0.00406129
ENSMUSG00000029622	1.26265512	6.99284363	0.0004512	0.0041
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ENSMUSG00000055296	-1.2601118	7.6172941	0.00045499	0.00412472
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ENSMUSG00000005883	1.47060131	1.83012031	0.00045824	0.00414757
ENSMUSG00000042210	1.43640072	1.92486917	0.00045892	0.0041505
ENSMUSG00000028850	1.36451619	2.30070352	0.00046855	0.00423429
ENSMUSG00000026858	1.33184103	3.11130812	0.00047377	0.00427804
ENSMUSG00000029817	-1.2562616	7.4439123	0.0004758	0.004293
ENSMUSG00000043439	1.44529901	1.63509366	0.00047705	0.00430096
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ENSMUSG00000027115	-1.291949	3.8446218	0.00050465	0.00451435
ENSMUSG00000053101	1.27385582	4.50220401	0.00050578	0.00452096
ENSMUSG00000038056	-1.2477109	8.87649406	0.0005071	0.00452777
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ENSMUSG00000094433	-1.2613132	5.43064637	0.0005092	0.00454005
ENSMUSG00000033751	1.32255383	2.75758867	0.0005095	0.00454005
ENSMUSG00000034101	1.42809978	1.81284615	0.00051183	0.00455732
ENSMUSG00000056054	1.26450303	5.48560539	0.00051294	0.00456361
ENSMUSG00000029560	1.25240849	6.21146309	0.00051341	0.00456427
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ENSMUSG00000095889	-1.3622789	2.69312881	0.00051918	0.0046085
ENSMUSG00000032977	1.2761639	4.02703476	0.00052155	0.00462512
ENSMUSG00000042156	1.33340518	3.02919858	0.00052186	0.00462512
ENSMUSG00000062075	1.31871334	2.97091913	0.00052235	0.00462592
ENSMUSG00000079056	1.6569994	0.7056498	0.00052518	0.00464739
ENSMUSG00000074361	1.46835175	1.8250278	0.00052563	0.00464775
ENSMUSG00000067274	1.24302353	9.0402878	0.00053074	0.00468939
ENSMUSG00000026821	1.25395033	5.67630907	0.00053132	0.00469086
ENSMUSG00000028028	1.3243263	3.22955539	0.00053255	0.00469805
ENSMUSG00000024847	1.26216111	4.80168058	0.00053295	0.00469805
ENSMUSG00000062742	1.59040224	0.62694771	0.00053457	0.00470872
ENSMUSG00000038520	1.26400821	4.82854077	0.00053654	0.00472247
ENSMUSG00000049482	1.28946193	3.6511529	0.00053784	0.00473026
ENSMUSG00000033088	1.27462951	4.35631367	0.00054061	0.00475104
ENSMUSG00000034786	1.25979776	5.00697523	0.00054244	0.00476343
ENSMUSG00000003206	1.28661512	3.68184948	0.00054374	0.00477123
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ENSMUSG00000022843	1.37403341	2.49871549	0.00054575	0.00477466
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ENSMUSG00000047115	1.6007692	1.11570582	0.00055165	0.00481625
ENSMUSG00000005699	1.44595158	1.56319894	0.00055181	0.00481625
ENSMUSG00000002825	1.35119427	2.59588509	0.00055258	0.00481938
ENSMUSG00000046314	1.47307227	1.61999051	0.00055799	0.00486044
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ENSMUSG00000026836	1.49484898	1.21799842	0.0005625	0.00489475
ENSMUSG00000024535	1.63663619	1.05968488	0.00056406	0.00490455
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ENSMUSG00000024669	1.330867	2.95711717	0.00056873	0.00493771
ENSMUSG00000027326	-1.2547977	4.92773106	0.00057033	0.00494788
ENSMUSG00000042642	1.26179993	4.69653754	0.00057081	0.00494834
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ENSMUSG00000034462	1.59203766	0.85042916	0.00057617	0.00497979
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ENSMUSG00000070873	1.35267693	2.51104644	0.00057931	0.00499941
ENSMUSG00000042632	1.35478464	2.21790433	0.00058024	0.00500365
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ENSMUSG0000003421	1.26854168	4.10094526	0.00059153	0.00508409
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ENSMUSG00000047793	1.35728733	2.79426983	0.00059383	0.00509436
ENSMUSG00000070056	-1.2450772	5.30703665	0.00059386	0.00509436
ENSMUSG00000073490	1.25515253	4.87522736	0.00059808	0.00512505
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ENSMUSG00000012126	1.29680473	3.17714574	0.00060239	0.00515083
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ENSMUSG00000031875	1.27040639	3.76110722	0.00061842	0.0052696
ENSMUSG00000023800	1.3572406	2.26176868	0.00062479	0.00531613
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ENSMUSG0000002660	1.32592145	2.72760349	0.00062916	0.00534922
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ENSMUSG00000028959	1.25106464	4.55913798	0.00063769	0.00540182
ENSMUSG00000034613	1.26212892	4.28434222	0.00064966	0.00549916
ENSMUSG00000050373	1.77357868	0.43006288	0.00065128	0.00550879
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ENSMUSG00000028677	1.2311601	5.60932169	0.00065909	0.00554626
ENSMUSG00000025422	1.23953861	4.91956	0.00065976	0.00554789
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ENSMUSG00000024737	1.25017755	4.52228087	0.00066386	0.00557423
ENSMUSG00000078348	1.38368583	1.9771375	0.00066516	0.00557884

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ENSMUSG00000040624	1.48387681	1.32813228	0.00067572	0.00565314
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ENSMUSG00000070420	1.27758929	3.40222078	0.00068125	0.00568693
ENSMUSG00000000409	1.22811576	5.74518806	0.0006835	0.00570012
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ENSMUSG00000028975	1.28908416	3.14019301	0.00068654	0.00571868
ENSMUSG00000054404	1.21998169	7.34347734	0.00068734	0.00571911
ENSMUSG00000011877	1.24415504	4.27680816	0.00068759	0.00571911
ENSMUSG00000068923	1.24265893	4.56771612	0.00069479	0.00577482
ENSMUSG00000094936	-1.2594309	3.71861978	0.00070116	0.0058236
ENSMUSG00000033099	1.25958436	3.62266849	0.00070535	0.00585019
ENSMUSG00000026987	-1.2154511	8.10408394	0.00070576	0.00585019
ENSMUSG00000024401	1.23022562	5.24243913	0.00070589	0.00585019
ENSMUSG00000067001	1.34663189	2.5071206	0.00070979	0.00587828
ENSMUSG00000033306	-1.2183996	6.57167818	0.00071209	0.00589305
ENSMUSG00000031838	1.21398028	7.9138792	0.00071466	0.0059101
ENSMUSG00000074064	1.26491791	3.61416407	0.00071526	0.00591077
ENSMUSG00000029059	1.42509421	1.30737165	0.00071875	0.00593535
ENSMUSG00000020736	1.2309805	4.70630454	0.00071997	0.00594114
ENSMUSG00000051079	-1.3558909	1.94803914	0.00072205	0.00595406
ENSMUSG00000031785	1.48471094	1.42572222	0.00072277	0.00595571
ENSMUSG00000027253	1.41067161	1.89001114	0.00072345	0.0059571
ENSMUSG00000029551	1.44578699	1.67535604	0.00072499	0.00596544
ENSMUSG00000019470	1.22018138	5.74923931	0.00072886	0.00599069
ENSMUSG00000026556	1.2810233	2.93205177	0.00072946	0.00599069
ENSMUSG00000004633	1.34122976	2.53094393	0.00072962	0.00599069
ENSMUSG00000094787	-1.3006003	2.86570291	0.00073185	0.00600472
ENSMUSG00000025746	1.61612015	0.70291713	0.00073417	0.00601949
ENSMUSG00000094075	-1.2277594	4.94355389	0.00073577	0.00602829
ENSMUSG00000038637	1.34160159	2.22060685	0.00074265	0.00608033
ENSMUSG00000024397	1.2547156	3.84307715	0.00074354	0.00608329
ENSMUSG00000048997	1.28310634	3.06433485	0.00074482	0.00608937
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ENSMUSG00000051149	-1.4301312	1.19533518	0.00076598	0.00624993
ENSMUSG00000035203	1.21134158	6.41569701	0.00076609	0.00624993
ENSMUSG00000074247	1.23042319	4.54828113	0.00076895	0.00626886
ENSMUSG00000089727	1.35049525	2.16076488	0.00077221	0.00629095
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ENSMUSG00000070699	1.33324866	2.37521925	0.00078374	0.00637585

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ENSMUSG00000064247	1.42429627	1.42237574	0.00078896	0.00640929
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ENSMUSG00000030533	1.21864557	5.14567927	0.00079586	0.00645615
ENSMUSG00000022602	1.39650943	1.74434933	0.00079694	0.00646041
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ENSMUSG00000034349	-1.2024559	7.92782024	0.00080469	0.00651401
ENSMUSG00000040809	1.21752614	4.8492714	0.00080549	0.0065159
ENSMUSG00000032737	1.2260328	4.7625577	0.00080619	0.00651699
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ENSMUSG00000019832	1.24070422	3.89578936	0.00083186	0.00671033
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ENSMUSG00000099757	-1.1997131	7.25661888	0.00083794	0.00674453
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ENSMUSG00000030144	1.25888782	3.52708206	0.00085978	0.00687766
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ENSMUSG00000031398	1.23848515	3.58479415	0.00094284	0.00740993
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ENSMUSG00000079038	-1.2233203	3.85882721	0.00095043	0.00744878
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ENSMUSG00000024044	1.24462268	3.36765797	0.00096086	0.00751878
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ENSMUSG00000094094	-1.3135351	2.08323485	0.00096802	0.00755427
ENSMUSG00000026879	1.1885841	6.24218113	0.00096967	0.00756199
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ENSMUSG00000078350	1.49369362	1.28196822	0.00098614	0.00767997
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ENSMUSG00000023348	1.37831343	1.47746336	0.0010132	0.00784818
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ENSMUSG00000055692	1.51322717	1.17984464	0.00107105	0.00822422
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ENSMUSG00000018381	1.18330693	5.11766986	0.00108275	0.00829747
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ENSMUSG00000028848	1.22184274	3.06029052	0.001089	0.00832872
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ENSMUSG00000020053	1.20834797	3.95409024	0.00110643	0.00844517
ENSMUSG00000020253	1.17648522	5.76644963	0.00110942	0.00845899
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ENSMUSG00000000440	1.27152931	2.62258555	0.00111663	0.00850608
ENSMUSG00000028556	1.23156181	3.55454779	0.00111868	0.00851211
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ENSMUSG00000005802	-1.1808038	5.26885662	0.00112307	0.00853815
ENSMUSG00000033147	1.32136044	2.18535512	0.00112922	0.00857923
ENSMUSG00000022057	1.19036201	4.5237424	0.00113787	0.00863925
ENSMUSG00000026158	1.17611081	5.65146296	0.00114454	0.00868414
ENSMUSG00000025188	1.18326484	4.97191072	0.0011471	0.00869784
ENSMUSG00000002781	1.42105976	1.50367001	0.0011517	0.00872692
ENSMUSG00000022177	1.22440707	3.22723449	0.00116328	0.00880888
ENSMUSG00000046572	1.25053349	2.90674372	0.00117007	0.00885451
ENSMUSG00000070283	1.30528957	2.17336279	0.00117483	0.00888462
ENSMUSG00000033488	1.25259736	2.91521196	0.00117914	0.0089114
ENSMUSG00000037509	1.29951928	2.23304645	0.00118819	0.00897387
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ENSMUSG00000032643	1.27949695	2.30719933	0.00121444	0.00913011
ENSMUSG00000026616	-1.1577356	11.1021643	0.0012156	0.00913291
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ENSMUSG00000028549	-1.238251	2.90223348	0.00122681	0.00920507
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ENSMUSG00000027806	-1.1638227	6.04800468	0.00123775	0.00927031
ENSMUSG00000030793	1.18948486	4.02541972	0.00123792	0.00927031
ENSMUSG00000068922	1.2274524	2.99800589	0.00123888	0.00927146
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ENSMUSG00000034111	-1.1575405	7.65015022	0.00124685	0.00931895
ENSMUSG00000000386	1.16591312	5.53809735	0.00125573	0.00937925
ENSMUSG00000031712	1.30439758	2.07179755	0.00126269	0.00942507
ENSMUSG00000024036	1.18469559	4.19605127	0.00126561	0.00944076
ENSMUSG00000027466	1.15957814	6.32383723	0.00126644	0.00944083

ENSMUSG00000024892	1.32379715	1.67803855	0.00126882	0.00945239
ENSMUSG00000029714	1.16100991	6.10426775	0.00127199	0.00946656
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ENSMUSG00000023033	1.43911578	1.32792544	0.00127909	0.00949917
ENSMUSG00000040220	1.39542045	1.24667648	0.00127923	0.00949917
ENSMUSG00000008855	1.17569803	4.59043699	0.0012933	0.0095975
ENSMUSG00000034854	1.22141334	2.94193781	0.00129418	0.00959778
ENSMUSG00000034371	1.33560612	1.62010888	0.00129573	0.00960314
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ENSMUSG00000085334	-1.1685077	4.88791136	0.00130328	0.00964043
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ENSMUSG00000039153	1.26096803	2.33915385	0.00131678	0.00971528
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ENSMUSG00000044024	1.27178616	2.19696357	0.00135273	0.00994219
ENSMUSG00000022474	1.21617124	2.95386413	0.00135392	0.00994464
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ENSMUSG00000024795	-1.159535	5.3678078	0.00135782	0.00996054
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ENSMUSG00000096929	-1.2273892	2.62622543	0.00136391	0.00998605
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ENSMUSG00000025810	1.19364799	3.77278604	0.00136838	0.01000604
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ENSMUSG00000009687	1.14846519	7.02717994	0.00138153	0.01008301
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ENSMUSG00000059316	1.1791006	3.99869217	0.00139621	0.01017721
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ENSMUSG00000030187	1.16940672	4.37346818	0.00140677	0.01023388
ENSMUSG00000076676	-1.3295013	1.48795001	0.00140823	0.01023388
ENSMUSG00000052942	1.38308347	1.24597852	0.00140844	0.01023388
ENSMUSG00000021709	-1.1434414	8.4020401	0.00140981	0.01023741
ENSMUSG00000029022	1.15843178	4.99126397	0.00142001	0.01030493
ENSMUSG00000021819	1.14812221	6.10802527	0.00144321	0.01046671

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ENSMUSG00000084899	-1.2018328	3.23723736	0.00145021	0.01049706
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ENSMUSG00000032812	1.1412226	7.38442319	0.00146169	0.01056075
ENSMUSG00000040356	1.14384219	6.27351865	0.00147416	0.0106398
ENSMUSG00000028952	1.18359934	3.54131504	0.00147449	0.0106398
ENSMUSG00000006301	1.21053438	3.30236867	0.00148022	0.01067354
ENSMUSG00000059518	1.27277922	2.11436194	0.00148102	0.01067354
ENSMUSG00000004934	1.17315835	3.79686661	0.00150659	0.01085102
ENSMUSG00000046410	1.18509669	3.51986954	0.00151228	0.01088519
ENSMUSG00000033233	1.27497297	1.69703142	0.00151467	0.01089414
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ENSMUSG00000020520	1.14363506	5.42272478	0.00154342	0.01105394
ENSMUSG00000025993	1.13487104	7.66762251	0.0015491	0.01108771
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ENSMUSG00000026209	1.15153199	4.43628729	0.00158182	0.01127977
ENSMUSG00000039521	1.43416887	1.01579639	0.00158682	0.01130145
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ENSMUSG0000002833	1.14404507	5.14144247	0.00159705	0.01136721
ENSMUSG00000003868	1.15508646	4.22302512	0.00160374	0.01140777
ENSMUSG00000031925	-1.1347189	6.25689276	0.00161145	0.01145556
ENSMUSG00000037202	1.18777479	3.28644433	0.00161782	0.01149368
ENSMUSG00000056529	1.17490225	4.05614925	0.00161979	0.01149928
ENSMUSG00000062031	1.16190417	4.1324943	0.00162125	0.01149928
ENSMUSG00000033938	1.16139493	4.04130987	0.0016216	0.01149928
ENSMUSG00000018507	1.1322859	6.4347819	0.00162538	0.01151898
ENSMUSG00000051768	1.14659488	4.54162203	0.00163083	0.01155047
ENSMUSG00000020476	1.13010187	7.05121379	0.00163264	0.01155614
ENSMUSG00000004319	-1.1297298	7.20988311	0.00163395	0.01155832
ENSMUSG00000090582	-1.169701	3.69777844	0.00163593	0.01156523
ENSMUSG00000015745	1.13318218	5.84293761	0.00165429	0.01168779
ENSMUSG00000060244	1.26016419	1.96855721	0.00166002	0.0117211

ENSMUSG00000067653	1.22290797	2.32022731	0.00166751	0.01176674
ENSMUSG00000025138	1.13132189	6.14122292	0.00166997	0.01177691
ENSMUSG00000074417	1.18961015	3.35770563	0.00167265	0.0117885
ENSMUSG00000025142	1.14883303	4.7505735	0.0016738	0.0117894
ENSMUSG00000035370	1.36976747	1.52921071	0.00167829	0.01181381
ENSMUSG00000019647	1.47082385	0.65156015	0.00168138	0.01182828
ENSMUSG00000039936	1.12423289	8.00389123	0.00169498	0.01191667
ENSMUSG00000097838	-1.3537453	1.17368762	0.00170746	0.0119971
ENSMUSG00000024424	1.5379826	0.81840823	0.00171399	0.01202825
ENSMUSG00000029814	-1.4485081	0.78774973	0.00171399	0.01202825
ENSMUSG00000025144	1.18967252	3.05006259	0.00172813	0.01212009
ENSMUSG00000037622	1.13918561	4.44666065	0.00173211	0.01214064
ENSMUSG00000005986	1.1810072	3.24314857	0.00174026	0.01219028
ENSMUSG00000014856	1.16182645	3.58730977	0.00174517	0.01221726
ENSMUSG00000040345	1.12465783	6.42276011	0.00175476	0.01227693
ENSMUSG00000022659	-1.217793	2.48944496	0.00176265	0.01232461
ENSMUSG00000034303	-1.1485532	4.21560606	0.00176894	0.01236104
ENSMUSG00000042106	1.39951185	1.25942591	0.00177338	0.01237707
ENSMUSG00000028885	1.37285652	1.26634606	0.00177338	0.01237707
ENSMUSG00000011837	1.19947719	2.92346431	0.00178325	0.01243837
ENSMUSG00000020297	1.17881997	3.24380885	0.00178487	0.01244212
ENSMUSG00000056204	1.16388867	3.54673849	0.0018041	0.01256854
ENSMUSG00000047193	-1.1406472	4.46186144	0.00180787	0.01258722
ENSMUSG00000008845	1.12633272	5.49566729	0.00182092	0.01267037
ENSMUSG00000039831	1.36642669	1.4188455	0.00182693	0.01270452
ENSMUSG00000018920	1.21012754	2.95572735	0.00183063	0.01272252
ENSMUSG00000076577	-1.1436628	4.51374328	0.00183356	0.01273521
ENSMUSG00000025823	-1.1143019	8.51972709	0.00185036	0.01284415
ENSMUSG00000050666	1.25104903	2.11619572	0.00185774	0.01288756
ENSMUSG00000047098	1.12210077	5.7132951	0.00186018	0.01289597
ENSMUSG00000073002	1.23844089	2.33042329	0.00186209	0.01289597
ENSMUSG00000029599	1.12132097	5.83957423	0.00186232	0.01289597
ENSMUSG00000033066	1.16549946	3.75599002	0.00186571	0.01291167
ENSMUSG00000077167	-1.2943784	1.52698166	0.00186798	0.01291964
ENSMUSG00000037224	1.29234441	1.95549572	0.00187026	0.01292218
ENSMUSG00000061981	1.14893252	4.08912602	0.00187257	0.01292218
ENSMUSG00000002803	1.15798314	3.3785233	0.0018727	0.01292218
ENSMUSG00000028988	1.46424509	0.60571791	0.00187285	0.01292218
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ENSMUSG00000032322	1.11942831	5.70336521	0.00189273	0.01302537
ENSMUSG00000042462	1.2737628	1.58928741	0.00189347	0.01302537

ENSMUSG00000034892	1.11476409	7.03694504	0.00189647	0.01303822
ENSMUSG00000032245	1.1654069	3.70267359	0.00190227	0.01307027
ENSMUSG00000005447	1.15541077	3.65125339	0.00190554	0.01308491
ENSMUSG00000024371	1.62543785	0.2427995	0.00190681	0.01308583
ENSMUSG00000036918	1.11365522	6.84087243	0.00190878	0.01309152
ENSMUSG00000044952	1.20938485	2.72920747	0.00191764	0.01314444
ENSMUSG00000033538	-1.1216958	5.218229	0.00192251	0.01316998
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ENSMUSG00000032131	1.20162646	2.90769493	0.00194955	0.01333932
ENSMUSG00000029657	-1.1070908	11.2908323	0.0019542	0.01336318
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ENSMUSG00000038147	-1.1078704	7.43234088	0.00198979	0.01356215
ENSMUSG00000038055	1.16788519	3.24419446	0.00199037	0.01356215
ENSMUSG00000032198	1.18979699	2.98855829	0.00199228	0.01356279
ENSMUSG00000025132	1.10641002	8.20375564	0.00199283	0.01356279
ENSMUSG00000055480	-1.3584176	1.09665968	0.00200007	0.01360087
ENSMUSG00000001034	1.13580949	4.18469857	0.00200079	0.01360087
ENSMUSG00000018974	1.11505111	5.56273714	0.00201012	0.01365625
ENSMUSG00000029507	1.12986419	4.10729613	0.00201166	0.01365859
ENSMUSG00000032446	1.21329123	2.69393535	0.00201465	0.01366326
ENSMUSG00000061028	1.12296109	4.74337199	0.00201472	0.01366326
ENSMUSG00000102051	1.26618428	2.06102518	0.00201707	0.01367113
ENSMUSG00000026573	1.24225887	2.22542394	0.00202087	0.01368801
ENSMUSG00000028958	1.20805899	2.51645521	0.00202194	0.01368801
ENSMUSG00000047648	-1.1140825	5.4486762	0.00203454	0.01376315
ENSMUSG00000005057	1.34800341	1.19161561	0.00203544	0.01376315
ENSMUSG00000041189	1.13141666	4.42326949	0.00203782	0.01377118
ENSMUSG00000041688	1.23067977	2.39339019	0.00204986	0.01384435
ENSMUSG00000000628	1.13426469	4.07792886	0.00206391	0.01393111
ENSMUSG00000011096	1.18961449	2.34753513	0.00207252	0.01398099
ENSMUSG00000028931	1.11032536	5.69226495	0.00207435	0.01398242
ENSMUSG00000037993	1.10873169	5.76786989	0.00207516	0.01398242
ENSMUSG00000036057	1.11486484	5.31979908	0.00207994	0.01400349
ENSMUSG00000023274	1.12665707	4.42035467	0.00208073	0.01400349
ENSMUSG00000052456	1.11898252	4.69160455	0.00208306	0.01401098
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ENSMUSG00000027579	1.1920623	2.58123994	0.00210848	0.01416539
ENSMUSG00000033355	1.12438396	4.46822508	0.00212035	0.01423684
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ENSMUSG00000027459	1.30785018	1.2483228	0.00213733	0.01430903
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ENSMUSG00000047921	1.12492852	4.43038257	0.0021688	0.01449938
ENSMUSG00000026197	1.13359585	3.8204495	0.00216955	0.01449938
ENSMUSG00000023007	1.15092423	3.26351921	0.00217606	0.01453447
ENSMUSG00000032253	-1.0958004	8.86629687	0.00218558	0.01458956
ENSMUSG00000031523	1.36512986	1.42825431	0.00219096	0.014617
ENSMUSG00000056342	-1.094524	8.67087629	0.00221438	0.01476465
ENSMUSG00000024325	1.12463995	4.12196522	0.00221637	0.01476935
ENSMUSG00000003190	1.16886171	2.85315046	0.00222449	0.01480707
ENSMUSG00000002409	1.17468731	2.67227396	0.0022246	0.01480707
ENSMUSG00000028392	1.24579331	1.83241332	0.00223634	0.01487654
ENSMUSG00000071715	1.09619711	6.65005108	0.00224774	0.01494374
ENSMUSG00000058975	1.42830783	1.00345023	0.00225047	0.01495324
ENSMUSG00000026536	1.28325754	1.73529734	0.00225649	0.0149846
ENSMUSG00000028082	1.18819861	2.87717865	0.00226332	0.01502125
ENSMUSG00000061186	1.39388935	1.19184278	0.00227936	0.01511902
ENSMUSG00000047246	-1.2639124	1.72806337	0.00230026	0.01524882
ENSMUSG00000035236	-1.0949946	6.37780728	0.00230713	0.01528069
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ENSMUSG00000021606	1.15740901	2.86637647	0.00231741	0.01532718
ENSMUSG00000032528	1.17778175	2.67996631	0.00231904	0.0153291
ENSMUSG00000031879	1.13738367	3.24138271	0.00232138	0.01532956
ENSMUSG00000030325	1.16380687	2.98244685	0.00232177	0.01532956
ENSMUSG00000015396	-1.0879634	10.2786862	0.00233265	0.01539256
ENSMUSG00000057069	-1.0880978	8.50539879	0.0023518	0.01550998
ENSMUSG00000020190	1.08873512	7.59534996	0.00235532	0.01552432
ENSMUSG00000040097	1.14255943	3.36013496	0.00235798	0.01552832
ENSMUSG00000006675	1.43778736	0.498129	0.00235863	0.01552832
ENSMUSG00000028542	1.15098429	3.33042756	0.00237885	0.01565249
ENSMUSG00000033685	1.0865525	8.63482843	0.00238061	0.01565507
ENSMUSG00000026930	1.13690678	3.38687138	0.00239152	0.01571783
ENSMUSG00000023915	1.10367061	4.82486	0.0024034	0.01578687
ENSMUSG00000014859	1.0908475	6.0740327	0.00242002	0.015887
ENSMUSG00000025104	-1.2272552	1.82553582	0.00242425	0.01590565
ENSMUSG00000022594	1.08847468	6.47683098	0.00242576	0.01590651
ENSMUSG00000024963	1.19947914	2.1939125	0.00243316	0.01594537
ENSMUSG00000042688	-1.0866815	6.93873336	0.00243526	0.01594537
ENSMUSG00000008140	1.11225883	4.43176091	0.00243729	0.01594537
ENSMUSG00000042810	1.10797381	4.63772557	0.00243862	0.01594537

ENSMUSG00000049037	1.10570779	4.63956415	0.00243862	0.01594537
ENSMUSG00000052087	1.09183241	5.78926623	0.00244285	0.0159639
ENSMUSG00000032076	1.11499684	4.37324304	0.00244843	0.01599067
ENSMUSG00000025068	1.10657822	4.60794446	0.00244972	0.01599067
ENSMUSG00000022560	1.1576196	2.63809822	0.00245122	0.01599134
ENSMUSG00000027030	1.19204086	2.3973215	0.00245938	0.01603548
ENSMUSG00000034880	1.24475372	1.48862684	0.0024628	0.01604869
ENSMUSG00000049866	1.0941815	5.31094156	0.0024689	0.01607932
ENSMUSG00000000326	1.123692	3.90007795	0.00247057	0.01608106
ENSMUSG00000032598	1.11850463	3.73267151	0.00247504	0.01610109
ENSMUSG00000026520	1.1225327	3.94292016	0.0024858	0.0161619
ENSMUSG00000027201	-1.0923847	5.42550751	0.00248968	0.01617801
ENSMUSG00000025648	1.0968351	5.06641076	0.00249331	0.01619243
ENSMUSG00000079553	1.23282827	2.02969297	0.00249962	0.01622424
ENSMUSG00000058881	1.11114258	4.48306134	0.00250274	0.01623532
ENSMUSG00000012848	1.0807108	8.51884128	0.00250918	0.01625346
ENSMUSG00000013787	1.08602609	6.20855999	0.00250951	0.01625346
ENSMUSG00000052821	1.3553519	1.18464886	0.00250978	0.01625346
ENSMUSG00000021775	-1.0866552	6.13014985	0.00251352	0.01626531
ENSMUSG00000074405	1.16670251	2.82778137	0.00251444	0.01626531
ENSMUSG00000030741	1.10126199	4.74502518	0.00252502	0.01632456
ENSMUSG00000007613	-1.0847397	6.31778349	0.00253047	0.0163506
ENSMUSG00000037643	-1.0917967	5.24587819	0.00253965	0.0164007
ENSMUSG00000085795	1.11012592	4.25821447	0.00255436	0.01648648
ENSMUSG00000055560	-1.2214309	1.80958612	0.00256146	0.01652297
ENSMUSG00000041161	1.1815732	2.29476021	0.00256505	0.01653686
ENSMUSG00000017837	1.10626121	4.27391562	0.00257183	0.01656323
ENSMUSG00000051586	1.11714866	3.97972559	0.00257202	0.01656323
ENSMUSG00000095771	-1.0844603	6.11867292	0.00258062	0.0166093
ENSMUSG00000082088	1.18636721	1.59739364	0.00258938	0.01665636
ENSMUSG00000000958	1.12038928	3.90247057	0.00260028	0.01671713
ENSMUSG00000034194	1.16372718	2.68342627	0.00260898	0.01676368
ENSMUSG00000050428	1.14521625	2.76959678	0.00261837	0.01681463
ENSMUSG00000057265	-1.3340579	0.82669441	0.00262745	0.01686352
ENSMUSG00000041633	1.21267786	1.89842714	0.002638	0.01692177
ENSMUSG00000051735	1.09243447	4.9190286	0.0026499	0.01698861
ENSMUSG00000034412	1.10560732	3.64199621	0.00265317	0.01700009
ENSMUSG00000004837	1.07521607	7.74907833	0.00265741	0.0170178
ENSMUSG00000055994	1.12066563	3.64843189	0.0026637	0.01704858
ENSMUSG00000058886	1.11643698	3.47297515	0.0026707	0.01707898
ENSMUSG00000047656	1.41227342	0.89628981	0.00267142	0.01707898
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ENSMUSG00000024812	1.1283209	3.71470055	0.00270104	0.01723953
ENSMUSG00000029082	1.18059762	2.67364184	0.00270498	0.01725511
ENSMUSG00000051343	1.21439175	1.82281762	0.00270949	0.01727432
ENSMUSG00000025737	1.09680563	4.07135312	0.00271991	0.01733112
ENSMUSG00000090124	1.20775141	2.21741593	0.00273441	0.01741385
ENSMUSG00000034509	1.09881032	4.02522716	0.00274727	0.01748608
ENSMUSG00000040688	1.10044669	4.13222064	0.00275372	0.01751744
ENSMUSG00000070868	1.22121508	1.98968206	0.00276168	0.0175523
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ENSMUSG00000009563	1.09781117	4.04579015	0.00277079	0.01759679
ENSMUSG00000076672	-1.0779656	5.82825919	0.00277376	0.01760597
ENSMUSG00000039834	1.07846106	5.58544854	0.00278363	0.01765885
ENSMUSG00000020196	1.07535193	6.25741037	0.00279402	0.01771498
ENSMUSG00000034853	1.11814867	3.49361392	0.00281493	0.01783773
ENSMUSG00000022799	1.08743126	4.8692171	0.00284142	0.01798422
ENSMUSG00000036534	1.0954897	4.20746817	0.00284213	0.01798422
ENSMUSG00000048755	1.11256685	3.51659314	0.00284274	0.01798422
ENSMUSG00000037475	-1.0677304	7.59748712	0.00285394	0.01804515
ENSMUSG00000038208	1.19375265	2.07939732	0.00285839	0.01806331
ENSMUSG00000029994	1.07991944	5.17089443	0.00286023	0.018065
ENSMUSG00000031592	-1.06703	7.76727919	0.00286793	0.01810372
ENSMUSG00000007036	1.09142289	4.50769405	0.00288319	0.01819004
ENSMUSG00000031239	1.11700536	3.27974819	0.00290086	0.0182915
ENSMUSG00000039615	1.07965629	4.9409402	0.00292244	0.01841746
ENSMUSG00000001910	1.06962939	5.90740992	0.00292855	0.01844584
ENSMUSG00000040945	1.06562356	6.82733892	0.00294463	0.01853698
ENSMUSG00000019970	1.06566019	6.75298896	0.00295372	0.01858402
ENSMUSG00000022181	1.08215165	4.77499579	0.00295714	0.01859533
ENSMUSG00000017057	1.09744966	4.02879372	0.00296533	0.01863669
ENSMUSG00000076508	-1.0736396	5.42453277	0.00297045	0.01865621
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ENSMUSG00000037405	1.06723365	6.14634334	0.00298	0.0186982
ENSMUSG00000055745	1.08918389	4.23294999	0.00298595	0.01872103
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ENSMUSG00000043740	1.0866316	4.5459721	0.00298856	0.01872127
ENSMUSG00000023259	1.14217949	2.34301395	0.00301485	0.01887333
ENSMUSG00000063065	1.07222064	5.19910347	0.00301612	0.01887333
ENSMUSG00000027297	1.10243188	3.68527125	0.00303403	0.01897504
ENSMUSG00000024193	1.06409686	6.32415765	0.00303584	0.01897605
ENSMUSG00000094322	-1.1320832	3.11623609	0.00304265	0.01900497
ENSMUSG00000017765	1.10908648	3.52983146	0.00304377	0.01900497
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ENSMUSG00000040462	1.06214258	6.62635526	0.00306874	0.01912846
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ENSMUSG00000034993	1.09225491	4.01593765	0.00308564	0.0192038
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ENSMUSG00000037416	-1.0558904	8.89769195	0.00313025	0.01944983
ENSMUSG00000029720	1.15037154	2.56608147	0.00313782	0.01948632
ENSMUSG00000031995	1.07534817	4.57607836	0.00314604	0.01952682
ENSMUSG00000024186	1.27981363	1.01989847	0.00315211	0.01954828
ENSMUSG00000030257	-1.0965848	3.37041599	0.00315353	0.01954828
ENSMUSG00000078485	1.10164805	3.51385711	0.00315459	0.01954828
ENSMUSG00000037762	1.11994385	3.00510354	0.00316799	0.01962072
ENSMUSG00000022557	1.06940284	4.8111222	0.00318483	0.01970706
ENSMUSG00000055884	-1.0634422	5.59764254	0.00318572	0.01970706
ENSMUSG00000053347	-1.0654817	5.29114312	0.00318776	0.01970706
ENSMUSG00000035561	1.1079975	2.83744664	0.00318879	0.01970706
ENSMUSG00000045007	1.22118151	1.52275406	0.00319849	0.01975641
ENSMUSG00000042275	1.11582014	2.94706559	0.00320391	0.01977925
ENSMUSG00000006442	1.09589792	3.36438279	0.00320867	0.01979798
ENSMUSG00000024664	1.3281601	1.3053722	0.003218	0.0198449
ENSMUSG00000041506	1.10715744	3.06553183	0.00322996	0.01989844
ENSMUSG00000019066	1.10291474	3.3832969	0.00323014	0.01989844
ENSMUSG00000002395	1.0611002	5.57748466	0.0032335	0.01990845
ENSMUSG00000017390	1.12225056	2.99506397	0.00325378	0.02002257
ENSMUSG00000021838	1.38404973	1.07665981	0.00325605	0.02002585
ENSMUSG00000001062	1.07663882	4.38880157	0.00326481	0.02006896
ENSMUSG00000021728	1.06146131	5.54717729	0.00327277	0.02010717
ENSMUSG00000024050	1.07470476	4.40245754	0.00327771	0.02012677
ENSMUSG00000026991	1.10208345	3.20269456	0.00328208	0.02013464
ENSMUSG00000024544	1.24663117	1.80057219	0.0032825	0.02013464
ENSMUSG00000042784	1.29214743	1.11335944	0.00328845	0.02016037
ENSMUSG00000031708	1.05708908	5.79521832	0.003293	0.02017754
ENSMUSG00000040929	-1.0594263	5.40724508	0.00331299	0.02028918
ENSMUSG00000046169	-1.0599138	5.309139	0.00332687	0.02036335
ENSMUSG00000025742	-1.0522504	6.84821959	0.00333167	0.02037561
ENSMUSG00000039234	1.10169241	3.5556825	0.00333242	0.02037561
ENSMUSG00000033174	1.12434709	2.97694901	0.00333596	0.02038642
ENSMUSG00000019362	1.06382704	4.88339072	0.00333888	0.02039341
ENSMUSG00000035161	-1.0520136	6.76863371	0.00334872	0.02043791
ENSMUSG00000052305	1.05018604	7.68287324	0.00335002	0.02043791
ENSMUSG00000022453	1.0739158	4.58433569	0.0033515	0.02043791
ENSMUSG00000017747	1.10627262	3.27528604	0.00335583	0.02045348

ENSMUSG00000037369	-1.0498385	7.39976989	0.00335873	0.02046032
ENSMUSG00000032915	1.05407231	6.11900036	0.00336535	0.02048976
ENSMUSG00000028613	1.21919494	2.07698118	0.00338576	0.0206031
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ENSMUSG00000052572	1.43640108	0.93400935	0.00343543	0.02087525
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ENSMUSG00000038838	1.07497198	4.08531562	0.00343774	0.02087525
ENSMUSG00000028066	1.09559351	3.28183724	0.00344227	0.02088672
ENSMUSG00000039137	1.07203341	4.45655145	0.00344327	0.02088672
ENSMUSG00000026070	1.07589199	4.20331415	0.00345459	0.02094439
ENSMUSG00000030089	1.17993348	2.16544051	0.00346031	0.020968
ENSMUSG00000002804	1.19651414	1.54129205	0.0034742	0.02104108
ENSMUSG00000035062	-1.1252299	2.64027262	0.0034831	0.02108387
ENSMUSG00000066621	1.05320269	5.58629245	0.00351561	0.02126945
ENSMUSG00000040860	1.25765476	1.60978042	0.00355123	0.02147337
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ENSMUSG00000010358	1.04581242	5.5412726	0.00370873	0.02215665
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ENSMUSG00000036353	1.17882751	2.05497037	0.00374101	0.02231599
ENSMUSG00000024074	1.06687561	4.04089146	0.00375776	0.0224043
ENSMUSG00000027708	-1.0424937	5.75345476	0.00377957	0.02252262

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ENSMUSG00000026956	1.06102114	4.20768953	0.00383234	0.0227608
ENSMUSG00000018566	1.25358255	1.61718108	0.0038334	0.0227608
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ENSMUSG00000027737	1.34429408	0.94645117	0.00386839	0.02287632
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ENSMUSG00000030156	-1.0300117	9.37855144	0.00392096	0.02311963
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ENSMUSG00000009376	1.14449985	2.04170707	0.00393748	0.02317526
ENSMUSG00000024792	1.11498809	2.53293677	0.00394188	0.0231893
ENSMUSG00000037525	1.1603361	2.04930241	0.00394772	0.02321177
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ENSMUSG00000074916	1.20100169	1.87199198	0.00404741	0.02371304
ENSMUSG00000001065	1.04248362	4.66649343	0.00405739	0.02375941
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ENSMUSG00000026547	1.02830042	7.22954258	0.00407533	0.02384015
ENSMUSG00000084806	-1.1040962	2.7116402	0.00407939	0.0238518
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ENSMUSG00000022558	1.03500114	5.42550582	0.00420817	0.02445548
ENSMUSG00000037847	-1.0698139	3.35108219	0.00421913	0.02450678
ENSMUSG00000091509	-1.2007203	1.31254383	0.00424195	0.0246269
ENSMUSG00000023132	1.06608586	3.57843752	0.00424594	0.02463762
ENSMUSG00000038406	1.03500578	5.15507698	0.00425175	0.02465086
ENSMUSG00000030400	1.0380742	4.59396977	0.00425252	0.02465086
ENSMUSG00000029101	1.08011237	3.29372965	0.00428181	0.02480195
ENSMUSG00000005338	1.32630317	0.91681367	0.0042829	0.02480195
ENSMUSG00000038650	1.02804263	5.61342062	0.00430193	0.02489965
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ENSMUSG00000022090	1.0353845	4.74803986	0.0044033	0.02537138
ENSMUSG00000024835	1.01963105	6.83124337	0.00442933	0.02550859
ENSMUSG00000074896	1.03629447	4.52562314	0.00443614	0.02553504
ENSMUSG00000028494	1.02650983	4.725115	0.00447139	0.02572502
ENSMUSG00000025019	-1.0211301	6.07938391	0.00447505	0.02573323
ENSMUSG00000020901	1.0255172	5.48752482	0.00449178	0.0258165
ENSMUSG00000042349	1.02361854	5.74186816	0.00450295	0.02586778
ENSMUSG00000094902	-1.125137	2.26272565	0.0045143	0.02592
ENSMUSG00000062593	1.02554241	5.57201063	0.00452707	0.02598038
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ENSMUSG00000032745	-1.0134314	8.16519744	0.00456794	0.02617576
ENSMUSG00000026068	1.05050519	3.99406992	0.00456795	0.02617576
ENSMUSG00000024309	1.0378394	4.02767964	0.00457764	0.02621824
ENSMUSG00000019738	1.13740077	1.96944452	0.00461009	0.02639092
ENSMUSG00000032783	1.34833299	0.72532337	0.00462118	0.02644126
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ENSMUSG00000030031	-1.0310289	4.59369774	0.00463963	0.02652042
ENSMUSG00000046330	1.01072227	8.09083553	0.0046598	0.02662149
ENSMUSG00000041202	1.2067525	1.42989408	0.00466254	0.02662149
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ENSMUSG00000074358	1.13532676	2.12755163	0.00467316	0.02663262
ENSMUSG00000020781	1.04661933	3.58142722	0.0046758	0.02663444
ENSMUSG00000024073	-1.0094488	9.1407539	0.00468621	0.02668053
ENSMUSG00000072596	1.09374447	2.81645199	0.00470233	0.02675788
ENSMUSG00000038059	1.08411713	2.82616035	0.00470445	0.02675788
ENSMUSG00000002319	1.02578801	4.57078713	0.00472219	0.02684547
ENSMUSG00000076731	-1.0332007	4.41033341	0.00473762	0.0269199
ENSMUSG00000024560	1.01705747	5.48673494	0.00474508	0.02694894
ENSMUSG00000037938	1.11767068	2.36486382	0.00475154	0.02697233
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ENSMUSG00000036748	1.03015175	4.3437262	0.00488509	0.02756706
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ENSMUSG00000043592	1.04744237	3.54673829	0.00504552	0.02825047
ENSMUSG00000050856	1.0255108	3.9650167	0.00505148	0.02825327
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ENSMUSG00000063663	-1.0046344	6.55716429	0.0050682	0.02830854

ENSMUSG00000047415	1.15575176	1.58138866	0.00509386	0.02843806
ENSMUSG00000026942	1.00650632	5.88801798	0.00511223	0.02852671
ENSMUSG00000021559	1.20524144	1.67547703	0.00511751	0.02854236
ENSMUSG00000031827	1.00194485	6.85407986	0.00512331	0.0285507
ENSMUSG00000028047	1.15910666	1.71295103	0.00512397	0.0285507
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ENSMUSG00000058756	1.10036659	2.36850227	0.00517958	0.02880559
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ENSMUSG00000022433	1.01220818	4.88714668	0.00521243	0.02897332
ENSMUSG00000038181	1.02214728	4.21586693	0.00524258	0.02912686
ENSMUSG00000043323	1.04134293	3.54032344	0.00524573	0.02913028
ENSMUSG00000000631	1.00146246	6.12302761	0.0052527	0.02915492
ENSMUSG00000090015	-1.0399629	3.20820825	0.00528491	0.02931952
ENSMUSG00000052684	0.99522131	9.27941075	0.0052924	0.02934691
ENSMUSG00000041268	1.08214495	3.03153948	0.00530995	0.02943001
ENSMUSG00000022797	-0.9946964	8.55371447	0.00534219	0.02959447
ENSMUSG00000062949	-0.9981586	6.52356796	0.00535683	0.02966127
ENSMUSG00000036114	1.07452387	2.67630111	0.00536122	0.02967126
ENSMUSG00000010047	1.27210135	1.06497358	0.0054025	0.02987395
ENSMUSG00000019428	0.99852737	6.25089819	0.00540304	0.02987395
ENSMUSG00000064120	1.02250933	4.05319002	0.00541031	0.02989979
ENSMUSG00000071176	1.11166604	2.2294055	0.0054239	0.02995439
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ENSMUSG00000029638	-1.0443347	3.11887824	0.00543294	0.02998156
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ENSMUSG00000030802	1.01644922	4.38239525	0.00545504	0.03007465
ENSMUSG00000005947	1.16253674	1.92328353	0.00545858	0.03007975
ENSMUSG00000054708	1.1834877	1.47182547	0.00547138	0.03012458
ENSMUSG00000047821	1.10973016	1.52892351	0.00547307	0.03012458
ENSMUSG00000031217	1.13159887	1.60830922	0.00547458	0.03012458
ENSMUSG00000034006	1.01935422	4.30433844	0.00547754	0.0301265
ENSMUSG00000058006	-0.9908395	8.34429996	0.00551872	0.03033846
ENSMUSG00000032409	-0.9928398	7.01376052	0.00553084	0.03039051
ENSMUSG00000020689	0.99511227	6.38680723	0.00556091	0.03054117
ENSMUSG00000015961	-0.9926848	6.70922358	0.00557339	0.03058186
ENSMUSG00000029674	1.01917168	4.01405754	0.00557364	0.03058186
ENSMUSG00000051212	-0.9899408	8.08524028	0.00557759	0.03058894
ENSMUSG00000037999	-0.9903468	7.74081153	0.00558222	0.03059973
ENSMUSG00000086938	1.05172168	3.08965332	0.00558812	0.03061747
ENSMUSG00000026596	-0.9907182	7.00842976	0.00562178	0.03078721
ENSMUSG00000048234	1.00652029	4.82925436	0.00565371	0.03094731
ENSMUSG00000059323	0.99317658	6.03722719	0.00566697	0.03100514

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ENSMUSG00000000903	1.00231649	4.8177689	0.00570461	0.03117057
ENSMUSG00000020010	1.14888317	2.15337846	0.00570534	0.03117057
ENSMUSG00000025875	1.11183636	2.05663542	0.00573694	0.03132834
ENSMUSG00000071654	1.06067441	2.64793752	0.00575819	0.03142945
ENSMUSG00000005672	1.03863766	3.30976792	0.00577158	0.03148757
ENSMUSG00000033762	1.1486448	1.89871095	0.0057841	0.0315409
ENSMUSG00000029780	-0.9891057	6.50193974	0.00579231	0.03157068
ENSMUSG00000045665	1.01829385	3.50029877	0.00579869	0.03159051
ENSMUSG00000032344	1.04235157	3.21720596	0.00581702	0.031671
ENSMUSG00000008763	-0.9881538	6.4880968	0.00581898	0.031671
ENSMUSG00000024030	0.9899927	6.01058169	0.00583267	0.03173052
ENSMUSG00000042345	1.14202591	1.68975168	0.00584943	0.03180663
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ENSMUSG00000001666	1.13215038	1.51750867	0.00589729	0.03203657
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ENSMUSG00000038658	-0.9832109	6.4769809	0.00607515	0.03286299
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ENSMUSG00000057706	1.07663642	2.39659796	0.00611793	0.0330322
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ENSMUSG00000056917	0.95128156	7.91413825	0.0076863	0.03954969
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ENSMUSG00000032177	0.96425709	4.70413895	0.00795539	0.04048126
ENSMUSG00000017721	0.95464292	5.46451589	0.00800972	0.04073972
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ENSMUSG00000030541	0.96671803	4.0920159	0.00848939	0.04268832
ENSMUSG00000053644	0.99338311	3.19782826	0.00850051	0.04272554
ENSMUSG00000021678	1.00922071	2.60754798	0.00851319	0.04277059
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ENSMUSG00000032688	-0.9364924	9.2566247	0.00861613	0.04321222
ENSMUSG00000092500	1.10794304	1.68416792	0.00862139	0.04321973
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ENSMUSG00000025790	1.04705534	2.13614269	0.00881493	0.04403632
ENSMUSG00000035958	-0.9425636	5.49477229	0.00883402	0.04410845
ENSMUSG00000021597	-0.9477928	5.02239532	0.00883704	0.04410845
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ENSMUSG00000095488	-0.9479639	4.84951371	0.0088512	0.0441408
ENSMUSG00000041995	-0.9929947	2.90126514	0.00893777	0.0445532
ENSMUSG00000025377	0.95812167	3.90003577	0.00897754	0.04473203
ENSMUSG00000025980	-0.9304871	9.63633818	0.00903481	0.04499792
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ENSMUSG00000062931	-1.0081172	2.5412972	0.00926215	0.04593113
ENSMUSG00000026568	-0.9503183	4.25121513	0.00929853	0.04609166
ENSMUSG00000021477	0.9388678	5.25818583	0.00931852	0.04617088
ENSMUSG00000029624	0.94920404	4.26986825	0.0093625	0.0463688
ENSMUSG00000097207	-1.1922911	0.73456334	0.00938319	0.04643121
ENSMUSG00000032714	1.18458295	0.80165749	0.00938319	0.04643121
ENSMUSG00000018167	0.93761381	4.85272559	0.00939515	0.04647043
ENSMUSG00000035448	0.93949146	5.01833632	0.00940689	0.04650848
ENSMUSG00000068457	-0.9417755	5.03014515	0.00942533	0.04657959
ENSMUSG00000010609	0.93770955	5.12069558	0.00943068	0.04658604
ENSMUSG00000020085	1.09319556	1.76608412	0.00946583	0.04673957
ENSMUSG00000043432	0.96603001	3.51401142	0.00947861	0.04678257
ENSMUSG00000020806	0.93746273	5.025721	0.00950237	0.04686258
ENSMUSG00000036529	0.92810338	6.67753593	0.00950297	0.04686258
ENSMUSG00000017670	0.9316336	5.76857199	0.00952085	0.04693062
ENSMUSG00000028454	0.9389742	4.89021235	0.00959056	0.04725394
ENSMUSG00000076555	-0.9517235	3.96212546	0.00960471	0.04730338
ENSMUSG00000032175	0.92765798	6.27056466	0.00962568	0.04738639
ENSMUSG00000020716	-0.9275555	6.15542021	0.00964122	0.04744254
ENSMUSG00000016344	0.9344476	4.9997288	0.00967021	0.04756484
ENSMUSG00000056429	-0.9221609	8.97755133	0.00967997	0.04759251
ENSMUSG00000002910	0.94558277	4.21376306	0.00968906	0.04761684
ENSMUSG00000021112	-0.931966	5.290116	0.00976035	0.04794666
ENSMUSG00000025001	-0.9348592	4.95326489	0.00978363	0.04804051
ENSMUSG00000030147	1.10367462	1.50060809	0.00978992	0.04805084
ENSMUSG00000037816	0.97586249	3.33908308	0.00980005	0.04807257
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ENSMUSG00000028743	0.98365691	2.50343198	0.00982547	0.04816368
ENSMUSG00000022265	0.93531931	4.89607567	0.00983963	0.04821252
ENSMUSG00000035954	0.98505489	3.17451676	0.00984909	0.0482383
ENSMUSG00000060149	-0.9417295	4.25788743	0.0099102	0.04851695
ENSMUSG00000028957	-0.9549396	3.3926878	0.00992226	0.04854247
ENSMUSG00000000282	0.93142076	5.06846449	0.00992386	0.04854247
ENSMUSG00000026923	0.94193942	4.44833585	0.01001959	0.04897896
ENSMUSG00000041481	0.91873238	7.85887788	0.01002162	0.04897896
ENSMUSG00000039968	-0.9201661	7.03742434	0.01003595	0.04902816
ENSMUSG00000031586	0.96473458	3.32097866	0.01008337	0.0492389
ENSMUSG00000022119	-0.91879	7.21146665	0.01010422	0.04931973
ENSMUSG00000020580	-0.9176148	7.69864265	0.01013655	0.04945654
ENSMUSG00000021288	0.92553882	5.41538664	0.0101521	0.04951143
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ENSMUSG00000040479	0.91649916	6.95361279	0.01031631	0.05015112
ENSMUSG00000037253	-0.9186324	6.37597597	0.0103211	0.05015112
ENSMUSG00000040699	0.91507675	7.80994673	0.01032254	0.05015112
ENSMUSG00000019054	0.92362805	5.20394799	0.01036257	0.05030423
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ENSMUSG00000053063	0.92156175	5.84834011	0.01045617	0.05071463
ENSMUSG00000038894	0.93217261	4.45699604	0.01047165	0.05076827
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ENSMUSG00000092035	1.0465222	1.8995302	0.01060487	0.05124125
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ENSMUSG00000017400	0.92435565	4.81291847	0.0107638	0.05186862
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ENSMUSG00000031246	-0.9120999	6.71573776	0.01077475	0.05188761
ENSMUSG00000024392	0.91264173	6.48018391	0.01081086	0.05203972
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ENSMUSG00000045087	1.10397134	1.22250279	0.01085405	0.05218208
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ENSMUSG00000050914	-0.9785207	2.69297944	0.01095777	0.05259806
ENSMUSG00000041528	0.90906255	7.06373577	0.01096191	0.05259806
ENSMUSG00000042770	0.93845166	3.89315992	0.01096346	0.05259806
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ENSMUSG00000054676	0.91640969	5.20473494	0.01105543	0.05289302

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ENSMUSG00000041000	1.11914376	1.4783805	0.01131337	0.05382745
ENSMUSG00000030142	0.92228791	4.74387405	0.01131805	0.05382745
ENSMUSG00000027985	0.93499759	3.7722288	0.01134363	0.05391135
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ENSMUSG00000020482	-0.9017817	7.99151749	0.01146896	0.05428562
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ENSMUSG00000043932	0.98156618	2.54152989	0.01150472	0.05442255
ENSMUSG00000031791	1.09799447	1.08020425	0.01151486	0.05444811
ENSMUSG00000028779	0.92061059	4.18290531	0.01153376	0.05450537
ENSMUSG00000032666	0.96694869	2.60637354	0.01153646	0.05450537
ENSMUSG00000030583	0.93202402	4.02257382	0.01155398	0.05456571
ENSMUSG00000044309	0.92118195	4.53197805	0.01156395	0.0545904
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ENSMUSG00000029290	-0.9097143	5.02001526	0.01176382	0.0553294
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ENSMUSG00000072762	-0.9274559	3.90239437	0.01179543	0.05541008
ENSMUSG00000049401	0.90389561	5.79164613	0.01181025	0.05545701
ENSMUSG00000025245	-0.9107014	4.75885758	0.0118175	0.05546844
ENSMUSG00000003573	1.05225989	1.53790369	0.0118308	0.05550817
ENSMUSG00000024854	0.90391736	5.57603077	0.01184758	0.05556422
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ENSMUSG00000051169	1.13557995	1.00438502	0.01190156	0.05570884
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ENSMUSG00000029455	0.8975111	6.94335017	0.01199818	0.05608746
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ENSMUSG00000025736	0.91699924	4.20512587	0.01205557	0.05628708
ENSMUSG00000068580	0.92280896	3.81841324	0.01208431	0.05639835
ENSMUSG00000053641	-0.8937118	9.09739952	0.01211618	0.05652416
ENSMUSG00000028211	-0.8943788	8.05523361	0.01213828	0.05657456
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ENSMUSG00000039183	0.91028019	4.59244114	0.01221046	0.0568026
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ENSMUSG00000040297	-0.8932427	7.63030201	0.01229293	0.05704477
ENSMUSG00000020590	-0.8957002	6.52803964	0.0122941	0.05704477
ENSMUSG00000099697	-0.9270826	3.48969491	0.01229726	0.05704477
ENSMUSG00000040537	1.0359375	1.92156083	0.01232085	0.05712657
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ENSMUSG00000033313	1.00954789	2.01364588	0.01233712	0.05716048
ENSMUSG00000022223	0.94094771	3.36103446	0.01234612	0.05717914
ENSMUSG00000027236	-0.9039666	4.97504062	0.01237991	0.05731255
ENSMUSG00000047888	-0.890991	8.28632675	0.01242972	0.05748793
ENSMUSG00000048376	1.00097351	2.09403403	0.0124328	0.05748793
ENSMUSG00000068130	-0.9989617	2.06473303	0.0124328	0.05748793
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ENSMUSG00000057219	0.91673136	3.90002716	0.01254158	0.05785132
ENSMUSG00000021843	-0.890122	7.77084992	0.01257843	0.05799165
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ENSMUSG00000063286	-0.8885315	9.33270316	0.01260201	0.05803738
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ENSMUSG00000022837	-0.9040553	4.6832528	0.0126338	0.05809189
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ENSMUSG00000033454	-0.8918017	6.66729405	0.01264427	0.05809189
ENSMUSG00000037857	-0.8884964	8.26408454	0.01269215	0.05828854
ENSMUSG00000031823	0.90509694	4.44227424	0.01274902	0.05852635
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ENSMUSG00000032038	0.90532929	4.54121291	0.01278991	0.05864381
ENSMUSG00000027551	0.97186252	2.59347002	0.01279817	0.05865828
ENSMUSG00000068267	0.89763361	5.20026304	0.0128967	0.05908633
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ENSMUSG00000020547	-0.8945658	5.28372234	0.01293806	0.05922857
ENSMUSG00000078879	-1.1062416	0.75002758	0.01299733	0.05947622
ENSMUSG00000073838	0.90705007	3.99021419	0.01303119	0.05960743
ENSMUSG00000038594	-0.8990503	4.75888557	0.01304094	0.05962833
ENSMUSG00000009207	-0.9021894	4.5324026	0.01304652	0.05963013
ENSMUSG00000017291	-0.8846962	8.18183086	0.01306684	0.05969926
ENSMUSG00000034252	-0.8854244	7.60462846	0.01307437	0.05970993
ENSMUSG00000034761	-0.8880873	6.43490784	0.01308518	0.05973558
ENSMUSG00000030055	0.88647774	6.5937994	0.01314798	0.05999844
ENSMUSG00000072770	0.93557643	2.98669682	0.01316271	0.06004179
ENSMUSG00000004565	0.89603211	4.99153407	0.01319096	0.06014681
ENSMUSG00000025630	-0.8871053	6.34218145	0.0132072	0.06017741
ENSMUSG00000017548	-0.8841081	7.60746764	0.01320814	0.06017741
ENSMUSG00000028134	-0.8901182	5.59358327	0.01324336	0.06031394
ENSMUSG00000051378	0.95555385	2.83152636	0.0133204	0.06064078
ENSMUSG00000038695	0.91294847	3.96694865	0.01337767	0.0608774
ENSMUSG00000005465	0.88481063	6.3524606	0.01341801	0.06103683
ENSMUSG00000053907	-0.8804141	8.93495999	0.01345064	0.06116102
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ENSMUSG00000078484	0.89844006	4.56848731	0.01348629	0.06127468
ENSMUSG00000024659	0.88970554	5.4744412	0.0134976	0.0613018



ENSMUSG00000028465	0.87969572	8.88715398	0.01353406	0.06144312
ENSMUSG00000035781	0.88867251	5.37166787	0.01355764	0.06152587
ENSMUSG00000033487	-0.8808885	7.3020202	0.01357528	0.06156098
ENSMUSG00000014226	-0.8810392	7.54150322	0.01357608	0.06156098
ENSMUSG00000081665	0.95276346	2.65421831	0.01358479	0.06157619
ENSMUSG00000046841	0.88928892	5.26260159	0.01363162	0.06176406
ENSMUSG00000060703	0.9242838	3.44481998	0.01366827	0.06190574
ENSMUSG00000027776	0.89279264	4.85416847	0.01372846	0.06215384
ENSMUSG00000020841	0.91672826	3.98271285	0.01375036	0.06221258
ENSMUSG00000023942	0.89772887	4.30408658	0.01375226	0.06221258
ENSMUSG00000029823	-0.8775828	8.59863924	0.01376268	0.06223525
ENSMUSG00000051615	0.92311836	3.34263242	0.01378245	0.06227815
ENSMUSG00000030016	-0.8776473	8.37467746	0.013783	0.06227815
ENSMUSG00000026475	1.09386757	0.8424772	0.01407861	0.06358885
ENSMUSG00000053774	-0.876186	7.33010451	0.01408684	0.06360105
ENSMUSG00000026484	-0.87771	6.56107995	0.01414215	0.06382566
ENSMUSG00000039286	0.93862379	2.94469559	0.01419077	0.06401139
ENSMUSG00000063524	0.87607837	6.75664823	0.01419444	0.06401139
ENSMUSG00000038665	1.08926697	1.44787122	0.01420405	0.06402965
ENSMUSG00000037049	0.8948623	4.11896262	0.01423052	0.06411949
ENSMUSG00000046138	-0.8767012	6.47232456	0.01423514	0.06411949
ENSMUSG00000034164	0.91484561	3.46694958	0.01425136	0.06416739
ENSMUSG00000096594	-0.8910474	4.74622091	0.01428249	0.06428241
ENSMUSG00000032519	0.88879179	4.60885091	0.01429088	0.06428484
ENSMUSG00000067916	-1.1049969	0.77002747	0.01429422	0.06428484
ENSMUSG00000089672	0.87968706	6.16581979	0.01430012	0.06428624
ENSMUSG00000020868	0.92673809	2.84448014	0.01440153	0.06471682
ENSMUSG00000005142	0.87196044	8.15431895	0.01441518	0.06475284
ENSMUSG00000054693	-0.8721991	7.77563084	0.01444772	0.06487367
ENSMUSG00000053702	-0.8881134	4.75838627	0.01446737	0.06493654
ENSMUSG00000051517	0.97478698	2.26791669	0.01447855	0.06496131
ENSMUSG00000054808	0.87326961	6.9398213	0.01448539	0.06496668
ENSMUSG00000021262	0.87267602	7.07762449	0.01450359	0.06502249
ENSMUSG00000068959	-0.8936865	4.15013059	0.01450915	0.06502249
ENSMUSG00000053040	1.03086706	1.41075742	0.01453906	0.06513113
ENSMUSG00000054280	-0.8714045	7.63103578	0.01455123	0.06516027
ENSMUSG00000074909	-0.8752895	6.13988825	0.01455909	0.06516606
ENSMUSG00000086429	-0.9093587	3.33491512	0.01456386	0.06516606
ENSMUSG00000024070	-0.8723658	6.88520556	0.0145842	0.06523166
ENSMUSG00000079852	1.04684658	1.96048756	0.01461307	0.06533538
ENSMUSG00000040472	0.88018545	5.05773031	0.01463042	0.06538749
ENSMUSG00000028923	0.87716483	5.56512317	0.01463808	0.06539631
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ENSMUSG00000030284	0.93756065	2.53647144	0.0147093	0.06564362
ENSMUSG00000004207	0.86825639	10.2122278	0.01471057	0.06564362
ENSMUSG00000031820	0.88165855	4.84187575	0.01474934	0.0657911
ENSMUSG00000066363	0.8868333	4.24227314	0.01478065	0.0659052
ENSMUSG00000029267	-0.8719466	6.48014114	0.01479393	0.06593882
ENSMUSG00000058290	0.92924924	3.0984989	0.01483107	0.06607874
ENSMUSG00000027272	-0.8690537	7.24592109	0.01488405	0.06628572
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ENSMUSG00000028980	0.89295888	4.25987791	0.01490725	0.066341
ENSMUSG00000034731	0.93207204	2.97969616	0.01495732	0.06653714
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ENSMUSG00000058135	0.89558125	3.79706757	0.01498484	0.06660897
ENSMUSG00000039982	0.89160872	4.23368548	0.01500675	0.06668053
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ENSMUSG00000026429	-0.9046922	3.52741065	0.0150809	0.06690659
ENSMUSG00000071655	0.87312796	5.51993112	0.01508921	0.06691762
ENSMUSG00000003208	0.91440404	2.73280141	0.01511173	0.06699164
ENSMUSG00000074682	0.9869136	1.91271441	0.01514441	0.06711062
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ENSMUSG00000053137	0.86651738	6.83665254	0.0152505	0.06745075
ENSMUSG00000042104	-1.006156	1.51953853	0.01525776	0.06745688
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ENSMUSG00000006476	0.89209519	3.84075852	0.01536216	0.06784018
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ENSMUSG00000058587	-0.8630203	8.21132543	0.01544043	0.0681335
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ENSMUSG00000041147	-0.8772233	4.7180446	0.01556257	0.06859345
ENSMUSG00000024610	0.86049634	12.7095917	0.01557303	0.06861326
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ENSMUSG00000044250	0.87560856	4.67202063	0.01566463	0.06893754
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ENSMUSG00000034317	-0.8603853	6.99868727	0.01597561	0.06998462
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ENSMUSG00000064326	1.01643189	1.43293729	0.01642656	0.07152396
ENSMUSG00000067212	0.85524721	7.53949307	0.01647243	0.07169654
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ENSMUSG00000020032	0.92260176	2.27924667	0.01687552	0.07283887
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ENSMUSG00000028842	-0.8544064	6.31462191	0.01692058	0.0729839
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ENSMUSG00000041774	1.13307774	0.84308113	0.01710093	0.07342934
ENSMUSG00000025027	0.86255894	4.88909688	0.0171069	0.07342934
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ENSMUSG00000032484	0.89619005	3.2201077	0.01762752	0.07507533
ENSMUSG00000029705	-0.8468145	6.91417714	0.01768732	0.07528606
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ENSMUSG00000023805	0.87191042	3.97976784	0.01772581	0.07538223

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ENSMUSG00000049871	-0.850067	5.64231383	0.01778339	0.07554327
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ENSMUSG00000026103	-0.8424204	7.89299666	0.01807229	0.07634728
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ENSMUSG00000020024	-0.846581	5.591845	0.01842997	0.0775349
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ENSMUSG00000038172	-0.8390588	6.48453517	0.0188932	0.07887812
ENSMUSG00000042298	-0.8605264	3.95227888	0.01890027	0.07887812
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ENSMUSG00000003500	0.85263723	4.64662042	0.01908784	0.07946931
ENSMUSG00000049044	-0.8398665	5.85108028	0.0190981	0.07948323
ENSMUSG00000026784	-0.8945113	2.58848002	0.01914567	0.07965235
ENSMUSG00000049600	0.94751171	1.87140508	0.01916183	0.07967107
ENSMUSG00000049516	-0.835158	7.44059317	0.01916403	0.07967107
ENSMUSG00000024383	-0.8352996	7.20006771	0.01920361	0.07980676
ENSMUSG00000038000	0.84599885	4.821064	0.01922148	0.07984837
ENSMUSG00000040321	-0.8542211	4.21778555	0.01922752	0.07984837
ENSMUSG00000057058	0.86140928	3.99802995	0.01924778	0.07990365
ENSMUSG00000022672	-0.8345702	7.21995642	0.01929697	0.08007896
ENSMUSG00000015468	1.1100379	0.80615538	0.01936951	0.08035098
ENSMUSG00000042460	-0.8351555	6.72442311	0.01938666	0.08036216
ENSMUSG00000033021	0.85282612	4.35521824	0.01938947	0.08036216
ENSMUSG00000028672	0.84936637	4.72482775	0.01939992	0.08036216
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ENSMUSG00000031887	0.87834725	3.34130791	0.01946506	0.08060191
ENSMUSG00000001755	0.86141023	3.71667921	0.01947278	0.08060484
ENSMUSG00000024423	-0.8343373	6.63057366	0.01949728	0.08067719
ENSMUSG00000070544	-0.8321528	7.69821264	0.01955848	0.08090131
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ENSMUSG00000034724	-0.8314022	8.05412315	0.0195999	0.08101433
ENSMUSG00000044279	0.95170689	1.84078864	0.01961347	0.08104128
ENSMUSG00000051390	0.85328458	4.12251595	0.01966249	0.08117568
ENSMUSG00000025758	-0.8440461	4.85222846	0.01966479	0.08117568
ENSMUSG00000040502	0.95167901	1.96024773	0.01966718	0.08117568
ENSMUSG00000030590	0.84761972	4.61942612	0.01967934	0.0811967
ENSMUSG00000031458	1.03771831	1.15212631	0.01970379	0.08126839
ENSMUSG00000031347	-0.8380239	5.51359357	0.01971484	0.08128481
ENSMUSG00000006095	0.85282444	4.01118304	0.01972287	0.08128875

ENSMUSG00000089683	-0.9096283	2.34069808	0.01976823	0.08143213
ENSMUSG00000020387	0.83245277	6.73779826	0.01977182	0.08143213
ENSMUSG00000022671	1.10348438	0.78221022	0.01977938	0.08143408
ENSMUSG00000002297	-0.8424519	4.97286639	0.01978824	0.0814414
ENSMUSG00000025949	-0.8299582	7.83187787	0.01983566	0.08160734
ENSMUSG00000033799	-0.829246	8.18561164	0.01988026	0.08176155
ENSMUSG00000028555	1.00877454	1.59266289	0.01988901	0.08176832
ENSMUSG00000061979	0.87471649	3.22283595	0.01992532	0.08188831
ENSMUSG00000042675	0.83242047	6.1478628	0.01996549	0.08202405
ENSMUSG00000027665	-0.8292776	7.6125312	0.01999289	0.08210727
ENSMUSG00000004709	0.84740115	4.69740593	0.02000887	0.08214355
ENSMUSG00000022463	0.829471	7.28467884	0.02002852	0.08219486
ENSMUSG00000060935	-0.8453274	4.53856578	0.02003717	0.08220101
ENSMUSG00000022667	0.95794956	1.67963008	0.02005486	0.08221966
ENSMUSG00000037295	0.84508435	4.48426678	0.02005602	0.08221966
ENSMUSG00000021143	0.83630504	5.50755384	0.02006778	0.08223856
ENSMUSG00000022858	-0.8284937	7.68495469	0.0200913	0.08230561
ENSMUSG00000030180	-0.8274324	8.4695289	0.0201192	0.08239053
ENSMUSG00000035476	-0.8330706	5.84164856	0.02013602	0.08243003
ENSMUSG00000076939	-0.8372843	5.23000155	0.02015001	0.08243207
ENSMUSG00000050188	0.88378875	2.91431606	0.02015086	0.08243207
ENSMUSG00000038079	0.96696009	1.58468315	0.02016702	0.08246221
ENSMUSG00000031505	0.86938254	3.58284119	0.02017257	0.08246221
ENSMUSG00000071648	0.97964824	1.33928106	0.02020525	0.08256644
ENSMUSG00000037706	0.82869967	6.95055161	0.02021436	0.0825743
ENSMUSG00000056268	-0.8279818	7.40038798	0.02022378	0.08258344
ENSMUSG00000027379	-0.8572695	3.71171901	0.02026471	0.08269426
ENSMUSG00000044791	-0.8260149	9.20929038	0.02026531	0.08269426
ENSMUSG00000069135	-0.8301487	6.29614985	0.0202906	0.08274784
ENSMUSG00000085241	-0.8546413	3.72641757	0.02029284	0.08274784
ENSMUSG00000047767	0.83087256	5.93085034	0.02030095	0.08275158
ENSMUSG00000040865	-0.826706	7.80178848	0.02031213	0.08276777
ENSMUSG00000097352	-0.8295322	6.28478642	0.02035619	0.08291792
ENSMUSG00000021493	0.84681109	4.07843593	0.02042462	0.08316719
ENSMUSG00000042870	0.91190701	2.52632978	0.02048608	0.08338792
ENSMUSG00000087582	-0.9105101	2.42891039	0.02051812	0.08348878
ENSMUSG00000035126	-0.866415	2.95974818	0.02066177	0.08401689
ENSMUSG00000029370	-0.8989185	2.29676013	0.02066253	0.08401689
ENSMUSG00000033760	-0.8318486	5.38868389	0.02068516	0.08406269
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ENSMUSG00000036432	-0.8283789	6.0287361	0.02070597	0.08406269
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ENSMUSG00000026864	-0.8206	10.4572497	0.02103051	0.08515173
ENSMUSG00000059743	0.83837253	4.39876949	0.02104253	0.08515262
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ENSMUSG00000010205	0.82621531	5.90804868	0.0211354	0.08542596
ENSMUSG00000068329	0.82801277	5.41991824	0.0211736	0.08549969
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ENSMUSG00000027630	-0.820945	7.82904473	0.02120344	0.08550399
ENSMUSG00000027087	-0.8245824	6.11380009	0.02120929	0.08550399
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ENSMUSG00000047412	-0.8220354	6.94943479	0.02128929	0.08571643
ENSMUSG00000054648	-0.8215922	6.99441964	0.02131953	0.08580813
ENSMUSG00000024870	0.82656597	5.590878	0.02132842	0.08581384
ENSMUSG00000052131	1.03167949	1.35143879	0.02142923	0.08618928
ENSMUSG00000037236	-0.8185924	8.44137365	0.02148456	0.08638159
ENSMUSG00000033792	-0.8251488	5.53940557	0.021544	0.08656885
ENSMUSG00000043535	-0.8180262	8.55582153	0.02154619	0.08656885
ENSMUSG00000041168	0.82548325	5.5505982	0.02158158	0.08668073
ENSMUSG00000037098	0.86736448	3.07736468	0.02160339	0.08673802
ENSMUSG00000026915	-0.8178377	7.99822529	0.02166993	0.0869748
ENSMUSG00000072763	-0.8729025	2.81052268	0.02175664	0.08729235
ENSMUSG00000026080	0.8182823	6.88572658	0.02180578	0.08745897
ENSMUSG00000017299	0.83995909	4.11218255	0.02187515	0.08770663
ENSMUSG00000032376	-0.8186704	6.53833201	0.02194004	0.0879361
ENSMUSG00000038250	-0.8173899	7.05218577	0.02195549	0.08796737
ENSMUSG00000025651	0.8198106	5.95905464	0.02198706	0.08806317
ENSMUSG00000028397	-0.8181215	6.58075977	0.02204272	0.08825535
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ENSMUSG00000015882	-0.8309138	4.63863244	0.02211989	0.08850266
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ENSMUSG00000030798	0.81364517	9.30306908	0.02218791	0.08868221
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ENSMUSG00000020289	0.82619865	5.13927112	0.02232073	0.08905822
ENSMUSG00000096461	-0.9469269	1.6505684	0.02233362	0.08907873
ENSMUSG00000037808	-0.8152979	6.84115256	0.0223768	0.08922
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ENSMUSG00000054426	-0.8384206	3.78528091	0.02246114	0.08947077
ENSMUSG00000096740	-0.8688338	2.9458751	0.02246304	0.08947077
ENSMUSG00000034206	-0.8300905	4.51790081	0.02248163	0.08951378
ENSMUSG00000060509	0.89889677	2.48778208	0.0225229	0.08964708
ENSMUSG00000020109	0.82564254	4.67231601	0.02254446	0.08970181
ENSMUSG00000040738	-0.8149651	6.52202824	0.02260159	0.089898
ENSMUSG00000061371	-0.8442472	3.58827419	0.02264152	0.09002569
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ENSMUSG00000022637	-0.8115418	7.31001931	0.0228205	0.09051818
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ENSMUSG00000036086	-0.8382872	3.80730383	0.02288244	0.09067001
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ENSMUSG00000025982	-0.8076411	10.5068218	0.02311587	0.09149928
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ENSMUSG00000003847	-0.8079715	8.63272584	0.02317069	0.09162265
ENSMUSG00000020362	-0.8087545	7.80205945	0.02318705	0.09165581
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ENSMUSG00000048379	-0.8081353	7.15306654	0.02346505	0.09253214
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ENSMUSG00000050846	0.86188729	2.79083702	0.02368938	0.09316095
ENSMUSG00000033577	0.85134178	3.20365518	0.02372583	0.09327238
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ENSMUSG00000090266	-0.8092779	5.93162002	0.02391658	0.09382972
ENSMUSG00000062866	0.84426673	3.42916199	0.02399167	0.09409222
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ENSMUSG00000004788	0.81812925	4.5380805	0.02407372	0.09431454
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ENSMUSG00000071477	0.82279761	4.44179435	0.02408118	0.09431454
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ENSMUSG00000079491	0.80673078	6.12413015	0.02422706	0.094789
ENSMUSG00000025609	-0.8036443	7.04544429	0.02426569	0.09490782
ENSMUSG00000042380	0.8414221	3.15962666	0.02427768	0.09492244
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ENSMUSG00000027834	-0.810592	5.23590068	0.02442046	0.09538336
ENSMUSG00000004043	0.81334215	5.00979541	0.02444771	0.09545734
ENSMUSG00000052296	0.8016621	7.52333732	0.02445681	0.09546046
ENSMUSG00000032590	0.80424619	6.24461083	0.02451096	0.09563934
ENSMUSG00000025907	-0.8014841	7.3580022	0.02453667	0.09570716
ENSMUSG00000015542	0.84789887	2.99066681	0.02455429	0.09573835
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ENSMUSG00000033253	0.80468678	6.1061134	0.02472219	0.09628677
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ENSMUSG00000101029	0.98921718	0.97213348	0.02475873	0.09633674
ENSMUSG00000035198	0.83418117	3.5499065	0.02476512	0.09633674
ENSMUSG00000039637	0.80303419	6.46847959	0.02479145	0.09640653
ENSMUSG00000025499	0.83200326	3.41155838	0.02480449	0.09642463
ENSMUSG00000076531	-0.9593404	1.30446106	0.02488027	0.09668651
ENSMUSG00000006262	-0.8034827	5.84616011	0.02491259	0.09677937
ENSMUSG00000070780	0.93409715	1.94677155	0.02499818	0.09707908
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ENSMUSG00000027784	-0.8069456	5.04677073	0.02518634	0.09767779
ENSMUSG00000053334	0.85487456	2.83583108	0.02520878	0.09773184
ENSMUSG00000039201	0.81233053	4.20408489	0.02526725	0.09786675
ENSMUSG00000024899	1.07157569	0.84652681	0.02526912	0.09786675
ENSMUSG00000030917	1.02606223	0.84787409	0.02526912	0.09786675
ENSMUSG00000024369	0.82868548	3.42517926	0.02537457	0.09819171
ENSMUSG00000097119	-0.822571	3.92359696	0.02538021	0.09819171
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ENSMUSG00000052609	0.80638397	4.76922866	0.02592332	0.09959511
ENSMUSG00000040760	-0.7949962	6.75397532	0.02594251	0.09963552
ENSMUSG00000024293	-0.7937237	7.33750691	0.0259653	0.09968976
ENSMUSG00000031433	-0.8024536	5.0547877	0.02604342	0.0999563
ENSMUSG00000028538	0.82995607	3.37876202	0.02605724	0.09997597
ENSMUSG00000061755	-0.7921222	7.9655267	0.02608748	0.1000586
ENSMUSG00000097636	-0.7934401	6.77161459	0.02613856	0.10022108
ENSMUSG00000026064	-0.7916534	8.10057124	0.02615966	0.10025966
ENSMUSG00000024290	-0.791385	8.30104947	0.02617519	0.10025966
ENSMUSG00000034487	0.89597431	1.99227788	0.02619652	0.10025966
ENSMUSG00000056537	-0.7919466	7.57745868	0.0262	0.10025966
ENSMUSG00000021061	0.79602372	6.12672674	0.02620271	0.10025966
ENSMUSG00000042595	-0.8035925	4.86964428	0.02620927	0.10025966

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ENSMUSG00000020437	0.79112602	8.10606429	0.02625559	0.10040188
ENSMUSG00000033545	0.80757724	4.52109245	0.02629693	0.10052652
ENSMUSG00000020284	0.87812696	2.24760921	0.02634295	0.10066894
ENSMUSG00000002812	0.79131172	7.41051525	0.02635279	0.1006731
ENSMUSG00000044150	-0.7978696	5.42667138	0.02640254	0.10082962
ENSMUSG00000049086	0.88546914	2.31217481	0.02646857	0.10104824
ENSMUSG00000065990	0.80465373	4.56654775	0.0265286	0.10124379
ENSMUSG00000040918	-0.8271179	3.20339453	0.02655434	0.10130839
ENSMUSG00000085054	-0.9938864	0.82011718	0.02657717	0.10136183
ENSMUSG00000031880	0.79703886	4.98775153	0.02667611	0.10170544
ENSMUSG00000027502	0.79190007	6.13445479	0.02673253	0.10186288
ENSMUSG00000079316	-0.8064786	4.25854472	0.02673513	0.10186288
ENSMUSG00000025371	0.81777629	3.35478414	0.02674997	0.10188565
ENSMUSG00000004562	0.96425803	1.32791558	0.02680224	0.10205093
ENSMUSG00000058402	-0.8027834	4.5959297	0.02683059	0.10212506
ENSMUSG00000033382	-0.7884865	7.5753541	0.02687154	0.10222732
ENSMUSG00000039206	0.80908235	4.21103286	0.02687525	0.10222732
ENSMUSG00000043467	-0.793449	5.60172003	0.02692535	0.10237368
ENSMUSG00000025939	-0.7938752	5.63347597	0.02693154	0.10237368
ENSMUSG00000027399	0.94442701	1.52663609	0.02697026	0.10248699
ENSMUSG00000028430	0.7958033	5.36079446	0.02699524	0.10251879
ENSMUSG00000071252	-0.890562	1.88737914	0.02699647	0.10251879
ENSMUSG00000032902	-0.7897408	6.30851681	0.02717755	0.10317236
ENSMUSG00000035168	0.8642021	2.58489389	0.02726143	0.10345664
ENSMUSG00000005625	0.7898631	6.03163417	0.02730949	0.10360481
ENSMUSG00000042271	-0.8172781	3.53634463	0.02731857	0.10360505
ENSMUSG00000051727	0.81681249	3.93924601	0.02733099	0.10361797
ENSMUSG00000029655	-0.7855805	7.67834342	0.0274134	0.10384411
ENSMUSG00000010663	0.81351965	3.79148927	0.02741576	0.10384411
ENSMUSG00000003929	-0.795548	5.03543784	0.02742446	0.10384411
ENSMUSG00000026097	-0.7978437	4.93373327	0.02742677	0.10384411
ENSMUSG00000095753	-0.8042836	4.3300979	0.02748405	0.10402671
ENSMUSG00000032845	-0.8161459	3.55775817	0.02760202	0.10443883
ENSMUSG00000089844	-0.7918635	5.41082943	0.02763389	0.10452504
ENSMUSG00000026965	0.78690964	6.34989417	0.02767129	0.10463208
ENSMUSG00000023048	0.78718598	6.36204732	0.02768523	0.10465033
ENSMUSG00000034459	0.82125999	3.30092661	0.02770114	0.10467605
ENSMUSG00000056267	-0.8020508	4.14482561	0.02772955	0.10474901
ENSMUSG00000028581	0.78197671	9.57921428	0.02784031	0.1051317
ENSMUSG00000078185	-0.8119884	3.74307206	0.02784915	0.1051317
ENSMUSG00000003033	0.78433206	6.82360244	0.02795087	0.10547511
ENSMUSG00000096515	-0.796763	4.65659553	0.02796505	0.10547511

ENSMUSG00000033216	0.80093053	4.08285994	0.02796765	0.10547511
ENSMUSG00000027580	0.78122885	9.58176869	0.02799508	0.10554393
ENSMUSG00000049658	-0.7822765	7.7513555	0.02803046	0.10559446
ENSMUSG00000040482	0.80568262	4.01646808	0.02803489	0.10559446
ENSMUSG00000035547	0.80306266	4.23529175	0.02803604	0.10559446
ENSMUSG00000056592	0.83638958	3.01135237	0.02805392	0.10562718
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ENSMUSG00000024483	-0.7805433	8.78518056	0.02819581	0.10609191
ENSMUSG00000001029	0.78800939	5.39192756	0.02831996	0.10652419
ENSMUSG00000057672	0.78208096	7.19139538	0.0283386	0.10652818
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ENSMUSG00000002658	0.78632658	5.26515805	0.02876325	0.10762474
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ENSMUSG00000019214	0.90864573	1.89868396	0.02880642	0.10771953
ENSMUSG00000029313	-0.7778092	7.98255082	0.02886098	0.10788846
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ENSMUSG00000019726	-0.7755705	8.36032985	0.02924345	0.10885798
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ENSMUSG00000082101	-0.7906668	4.69173386	0.02937625	0.10917554
ENSMUSG00000032307	-0.7815057	5.62637762	0.02939607	0.10921391
ENSMUSG00000022428	0.86690862	1.9238441	0.02944538	0.10934112
ENSMUSG00000028552	-0.7750243	8.00692063	0.02944933	0.10934112
ENSMUSG00000030805	0.77999239	5.8105207	0.02948927	0.10945402
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ENSMUSG00000024691	-0.7735949	8.89935256	0.02961015	0.10979635
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ENSMUSG00000021713	-0.7833164	5.12691184	0.02970774	0.11005171
ENSMUSG00000026966	0.79681717	3.92652229	0.02977661	0.1102713
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ENSMUSG00000028312	-0.7738771	6.60065351	0.03023514	0.1115024
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ENSMUSG00000071064	-0.7965824	3.52872785	0.03025965	0.1115212
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ENSMUSG00000037110	-0.7743859	5.92231058	0.03048257	0.1121271
ENSMUSG00000035840	-0.7769876	5.4966973	0.03052095	0.11223234
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ENSMUSG00000033972	-0.7908376	3.84736576	0.0306581	0.11259261
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ENSMUSG00000039219	-0.7673963	7.96993183	0.03106173	0.11368294
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ENSMUSG00000031878	-0.7701534	6.33915935	0.03113753	0.11388034
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ENSMUSG00000091474	-0.7743597	5.2568161	0.03141089	0.11462483
ENSMUSG00000022905	-0.7664189	7.46479896	0.03144997	0.11473101
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ENSMUSG00000020949	-0.7691473	6.17755062	0.03152526	0.11485986
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ENSMUSG00000029417	0.81654536	2.918102	0.03162171	0.11507529
ENSMUSG00000003198	-0.7849063	4.24947639	0.03162988	0.11507529
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ENSMUSG00000022575	0.76824935	6.13187109	0.03164265	0.11507529
ENSMUSG00000038291	-0.7683903	6.13916505	0.03164445	0.11507529
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ENSMUSG00000033953	-0.7661826	6.87617557	0.03173232	0.11524896
ENSMUSG00000052544	-0.8578335	1.95033571	0.03175674	0.11528791
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ENSMUSG00000073791	-0.8514821	2.10841062	0.03191669	0.11569927
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ENSMUSG00000076576	-0.7702465	5.55284268	0.03201454	0.11594426
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ENSMUSG00000015942	0.79078014	3.66793205	0.03218543	0.11641647
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ENSMUSG00000040648	-0.7635778	6.91974745	0.03222872	0.11649973
ENSMUSG00000063698	-0.8025785	3.14194535	0.03228296	0.11660105
ENSMUSG00000018379	-0.7613243	8.61302141	0.03228948	0.11660105
ENSMUSG00000022201	-0.7625586	7.35607226	0.03229628	0.11660105
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ENSMUSG00000087452	-0.8000005	3.15973831	0.03234228	0.11669006
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ENSMUSG00000072761	-0.8098437	2.86021178	0.03256224	0.11729784
ENSMUSG00000019173	0.76304237	6.38217476	0.03257196	0.11729784
ENSMUSG00000028563	-0.7979915	3.2375514	0.03262116	0.1174271
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ENSMUSG00000041328	-0.7566208	8.27712931	0.03342486	0.1196943
ENSMUSG00000036845	0.77733761	3.75388232	0.03346402	0.11979723
ENSMUSG00000022052	-0.7581754	7.04585136	0.03347704	0.11980654
ENSMUSG00000004100	0.78593986	3.87376338	0.03350459	0.1198678
ENSMUSG00000027175	0.87975276	1.87960971	0.03355818	0.11998691
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ENSMUSG00000048120	0.76070994	6.03845052	0.03363829	0.12015914
ENSMUSG00000033684	0.78166126	3.82605128	0.03367489	0.12025251



ENSMUSG00000024238	-0.7579136	6.53035178	0.03373535	0.120431
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ENSMUSG00000037286	-0.755719	7.32804468	0.03387976	0.12087146
ENSMUSG00000029422	-0.7544675	8.03253762	0.03396589	0.12114115
ENSMUSG00000061244	-0.7571821	6.41357539	0.03400119	0.12122943
ENSMUSG00000055762	0.75614373	6.52432716	0.03404463	0.1213158
ENSMUSG00000031095	-0.7574301	6.30118623	0.03404652	0.1213158
ENSMUSG00000024831	0.79679238	3.38056155	0.03411833	0.12151619
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ENSMUSG00000037058	-0.753613	7.91505407	0.0342097	0.1217086
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ENSMUSG00000094870	-0.7560494	6.47864482	0.03429807	0.12194753
ENSMUSG00000019370	0.75536391	6.28918375	0.03436685	0.1221114
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ENSMUSG00000085156	-0.7604366	5.38411528	0.03437603	0.1221114
ENSMUSG00000036840	-0.7701659	4.37231661	0.03443462	0.12228172
ENSMUSG00000032030	-0.7560181	6.18450713	0.03446132	0.12233874
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ENSMUSG00000089688	-0.8560684	1.90914332	0.03485085	0.12345471
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ENSMUSG00000015880	-0.771507	4.22819636	0.03492989	0.12365849
ENSMUSG00000027281	-0.762186	4.89072561	0.03498846	0.12381857
ENSMUSG00000025451	-0.7539468	6.22429816	0.03499665	0.12381857
ENSMUSG00000027365	-0.7505316	7.53227816	0.03500923	0.12382494
ENSMUSG00000020108	0.75811335	4.90297591	0.03508121	0.12404138
ENSMUSG00000039771	0.77119186	3.82286402	0.03509876	0.12406528
ENSMUSG00000031543	0.75638351	5.61987861	0.03511602	0.12408812
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ENSMUSG00000020794	-0.7545699	5.81523769	0.035198	0.12425266
ENSMUSG00000071256	0.80277104	2.84530645	0.0352075	0.12425266
ENSMUSG00000007030	0.88334825	1.31857934	0.03521663	0.12425266
ENSMUSG00000006498	0.74978668	7.48391786	0.03523548	0.124281
ENSMUSG00000023456	0.75443969	5.57943612	0.03527066	0.12433646
ENSMUSG00000022132	0.83765534	2.10616423	0.03528365	0.12433646
ENSMUSG00000016493	-0.8190953	2.08077298	0.03528365	0.12433646

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ENSMUSG00000004947	0.77080715	3.94118803	0.0353168	0.12437702
ENSMUSG00000028857	0.76129529	4.47478304	0.03537793	0.12455416
ENSMUSG00000021313	-0.7930803	2.75343601	0.0353964	0.12458103
ENSMUSG00000025395	-0.7603096	4.9202402	0.03542838	0.12465542
ENSMUSG00000002028	-0.7473423	9.06139004	0.03548145	0.12480393
ENSMUSG00000020741	0.75284543	5.79533533	0.03553407	0.12488957
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ENSMUSG00000097151	-0.809518	2.44825371	0.03557098	0.12488957
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ENSMUSG00000015016	0.77075564	3.29208537	0.03865257	0.1322355
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ENSMUSG00000078789	0.76317462	3.40278818	0.03931808	0.13363731
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ENSMUSG00000021392	-0.7340347	6.62152513	0.03971103	0.13452092
ENSMUSG00000036833	0.73459218	6.55863207	0.03971849	0.13452092
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ENSMUSG00000100370	-0.7382262	5.15683024	0.04006109	0.13548169
ENSMUSG00000057230	-0.7404758	4.69726858	0.04009519	0.13555712
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ENSMUSG00000022456	0.98439508	0.64481848	0.04016605	0.13567696
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ENSMUSG00000093861	-0.7331564	6.4387013	0.04022216	0.13582547
ENSMUSG00000049164	-0.7328634	6.26338899	0.04023364	0.13582547
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ENSMUSG00000022961	-0.728316	10.3195283	0.04028758	0.1359277
ENSMUSG00000074796	0.77401667	2.77001608	0.04031197	0.13594267
ENSMUSG00000025969	-0.7588392	3.65591751	0.04031566	0.13594267
ENSMUSG00000039187	-0.7518852	3.978589	0.04033533	0.13596908
ENSMUSG00000079523	0.72901553	7.91484903	0.0403735	0.13605786
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ENSMUSG00000024750	-0.7289006	7.93900161	0.04044512	0.13621935
ENSMUSG00000032293	-0.7292124	7.60681029	0.04047433	0.13623068
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ENSMUSG00000022305	0.95936504	0.89322305	0.04056645	0.13645824
ENSMUSG00000042447	-0.7334914	5.6792474	0.0405754	0.13645824
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ENSMUSG00000040481	-0.7266712	8.79115725	0.04087657	0.13719012
ENSMUSG00000049858	0.74411973	4.23135822	0.04092928	0.13732693
ENSMUSG00000076552	-0.8005921	2.30114328	0.04098243	0.13746515
ENSMUSG00000022800	-0.7289902	6.7279723	0.04100335	0.13749518
ENSMUSG00000039205	0.72996851	6.35580182	0.04101682	0.13750026
ENSMUSG00000044258	0.77408063	2.7746869	0.04104981	0.13757073
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ENSMUSG00000060510	-0.7298674	6.10288044	0.04116088	0.13782555
ENSMUSG00000050271	0.75053445	4.18939273	0.04116182	0.13782555
ENSMUSG00000020198	0.72719973	7.06890513	0.04122661	0.13798517

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ENSMUSG00000046432	0.73597368	5.04581016	0.04127263	0.13807592
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ENSMUSG00000042599	-0.7249072	8.87628143	0.04135466	0.13821889
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ENSMUSG00000085287	-0.8356012	1.58521718	0.04140154	0.13826575
ENSMUSG00000033166	-0.7299497	5.89830416	0.04142126	0.13829144
ENSMUSG00000040123	-0.7258436	7.41432897	0.04145655	0.13836907
ENSMUSG00000040451	-0.7259794	7.29873932	0.04150693	0.13849699
ENSMUSG00000068284	-0.7247616	8.07907651	0.04154926	0.13858779
ENSMUSG00000035621	0.73020806	5.84624267	0.04155825	0.13858779
ENSMUSG00000030707	0.72305646	8.89333341	0.04188243	0.13962835
ENSMUSG00000072774	-0.7402844	4.35486503	0.04196232	0.13985414
ENSMUSG00000052889	-0.7227515	8.56038706	0.0420051	0.13995036
ENSMUSG00000029238	-0.726551	6.14850595	0.04201635	0.13995036
ENSMUSG00000021676	0.73412703	5.07959875	0.04203086	0.13995036
ENSMUSG00000026749	0.78754439	2.50920842	0.0420399	0.13995036
ENSMUSG00000002332	0.74072097	4.41523778	0.04205353	0.13995523
ENSMUSG00000019802	-0.7241346	7.10989762	0.04206708	0.13995981
ENSMUSG00000029592	0.74004516	4.11876352	0.04209287	0.14000508
ENSMUSG00000036882	0.79404243	2.27154725	0.04212736	0.14007414
ENSMUSG00000004356	-0.7247762	6.61310727	0.04214386	0.14007414
ENSMUSG00000045205	-0.7319528	5.04559446	0.04215019	0.14007414
ENSMUSG00000094006	-0.7451023	4.02074528	0.04220475	0.14015518
ENSMUSG00000025410	0.72752249	5.82237105	0.04221064	0.14015518
ENSMUSG00000028403	-0.7265273	5.96359407	0.04223088	0.14015518
ENSMUSG00000045996	-0.7453194	3.83029374	0.04224533	0.14015518
ENSMUSG00000089942	0.73075029	5.11248996	0.04224989	0.14015518
ENSMUSG00000052271	0.77106589	2.59773776	0.04225295	0.14015518
ENSMUSG00000038279	0.7296955	5.09898423	0.0422614	0.14015518
ENSMUSG00000025323	-0.7249082	6.45624407	0.04227212	0.14015518
ENSMUSG00000035597	-0.7231399	7.31529977	0.04229218	0.14017552
ENSMUSG00000037922	-0.7211948	9.68141316	0.0423123	0.14017552
ENSMUSG00000094420	-0.7237973	7.00162279	0.04231484	0.14017552
ENSMUSG00000040990	-0.7218687	8.12932364	0.04236425	0.14029879
ENSMUSG00000022257	0.78869801	2.54899658	0.04238518	0.14032306
ENSMUSG00000031715	-0.7220404	7.87754023	0.042396	0.14032306
ENSMUSG00000091896	-0.7220242	7.82455926	0.04241126	0.14033317
ENSMUSG00000022100	-0.7216815	8.03975827	0.04242885	0.14035098
ENSMUSG00000040389	-0.7303671	5.06027551	0.04245018	0.14038112
ENSMUSG00000035278	0.73838655	4.32195925	0.04247126	0.1404092

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ENSMUSG00000020719	-0.7201399	12.2543991	0.04250709	0.14044813
ENSMUSG00000035834	-0.7388653	4.32884994	0.04256761	0.14057304
ENSMUSG00000022099	0.73852108	4.41297817	0.04256936	0.14057304
ENSMUSG00000042514	-0.7301637	5.16952282	0.04264976	0.14079811
ENSMUSG00000052160	0.72100067	7.78112727	0.04267986	0.14085701
ENSMUSG00000036180	0.72433277	6.09273271	0.04270051	0.14088473
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ENSMUSG00000043964	0.72703261	5.20252255	0.04277132	0.14103737
ENSMUSG00000040247	0.72134771	7.05697919	0.04287661	0.14132162
ENSMUSG00000025780	-0.7373057	4.01583583	0.04288211	0.14132162
ENSMUSG00000030616	0.79230567	2.36403848	0.04291806	0.14139957
ENSMUSG00000039345	0.80550942	2.17026596	0.04296452	0.14149251
ENSMUSG00000036550	-0.7191215	8.98496543	0.04297089	0.14149251
ENSMUSG00000096020	-0.7603898	3.23466976	0.04302445	0.14162831
ENSMUSG00000026614	1.03414709	0.46700131	0.04306095	0.14170786
ENSMUSG00000027091	-0.7210446	6.84344278	0.04314911	0.14192205
ENSMUSG00000049907	0.97223102	0.91155409	0.04315072	0.14192205
ENSMUSG00000051354	0.81764497	1.86015896	0.04319702	0.14196275
ENSMUSG00000020792	0.72967245	4.8976369	0.04321008	0.14196275
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ENSMUSG00000031378	0.72145007	6.26089131	0.04338777	0.14233515
ENSMUSG00000036769	-0.720354	6.49326727	0.04355561	0.142845
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ENSMUSG00000072082	0.75170492	3.3402579	0.04377038	0.14326325
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ENSMUSG00000028044	0.79795685	2.0571191	0.04393858	0.14365015
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ENSMUSG00000101279	-0.7879068	2.1488729	0.04411511	0.14410436
ENSMUSG00000018559	0.71912026	5.97619837	0.04414655	0.14413306

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ENSMUSG00000022337	-0.7116843	5.69417546	0.04704784	0.15056093
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ENSMUSG00000022120	-0.7261103	4.04542195	0.04775446	0.15218671
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ENSMUSG00000020823	0.70902054	5.36683461	0.04826462	0.1532233
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ENSMUSG00000091575	0.78519184	2.57476238	0.04833885	0.15336878
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ENSMUSG00000046329	0.71701299	4.29779583	0.04850398	0.15364362
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ENSMUSG00000035242	0.70318603	7.00642634	0.0485324	0.15364362
ENSMUSG00000008730	-0.7005204	8.72923128	0.0486237	0.15389025
ENSMUSG00000030178	0.7852697	2.38566899	0.04867101	0.1539318
ENSMUSG00000029270	-0.7028774	6.73895732	0.04868208	0.1539318
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ENSMUSG00000050721	0.70204192	7.04167997	0.04869039	0.1539318
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ENSMUSG00000020599	0.93765398	0.86799633	0.04885603	0.15430399
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ENSMUSG00000024038	0.71727411	4.27334299	0.04886181	0.15430399
ENSMUSG00000051483	0.73089473	3.47054231	0.04891667	0.1544348
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ENSMUSG00000022391	0.70221105	6.29337333	0.04898089	0.15455265
ENSMUSG00000022752	-0.7011942	7.02712778	0.04902844	0.15466024
ENSMUSG00000087177	-0.7197504	3.87311209	0.04905695	0.15467038
ENSMUSG00000025888	-0.7020091	6.60313807	0.04905857	0.15467038
ENSMUSG00000020561	-0.7050588	5.68998652	0.04911518	0.15480642
ENSMUSG00000071266	-0.7388165	3.09656843	0.04913225	0.15481775
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ENSMUSG00000059263	-0.6997467	7.44855744	0.04925466	0.15491504
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ENSMUSG00000022360	-0.7007239	6.72583114	0.04943757	0.15535399
ENSMUSG00000038497	0.73252505	3.403794	0.04947418	0.15542653
ENSMUSG00000004567	0.70412217	5.60760445	0.0495601	0.15561978
ENSMUSG00000098090	-0.7423234	2.7584351	0.04956277	0.15561978
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ENSMUSG00000024431	-0.6976536	8.3058617	0.04967569	0.15584662
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ENSMUSG00000066551	-0.7002921	6.41502954	0.04976509	0.15604021
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ENSMUSG00000063358	-0.6968578	8.31745445	0.0499144	0.15625437
ENSMUSG00000021706	-0.7006979	5.86513763	0.04996886	0.15638226
ENSMUSG00000019872	0.70014575	6.44804191	0.0499939	0.15641803
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ENSMUSG00000029070	0.80807509	1.84015337	0.05019664	0.15687911
ENSMUSG00000038372	-0.7348994	3.0970617	0.0502021	0.15687911
ENSMUSG00000022621	0.79960439	1.72568329	0.05021365	0.15687911
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ENSMUSG00000048874	-0.6960532	7.98442352	0.05026476	0.15692551
ENSMUSG00000026082	-0.6990937	6.26420035	0.05026531	0.15692551
ENSMUSG00000054203	0.75127559	2.68687912	0.05031734	0.15704529
ENSMUSG00000034875	-0.7119689	4.43489181	0.05038233	0.15719695
ENSMUSG00000025437	-0.6974021	6.76992883	0.05039328	0.15719695
ENSMUSG00000022237	0.71642591	4.37225627	0.05041424	0.15721409
ENSMUSG00000037720	-0.6994924	6.2845977	0.05042613	0.15721409
ENSMUSG00000028582	0.69900849	6.21424709	0.05045816	0.15727131
ENSMUSG00000027259	-0.704945	4.83494592	0.0505323	0.15745969
ENSMUSG00000000738	0.69974821	5.84244752	0.05057176	0.15753994
ENSMUSG00000027808	-0.6939864	9.68247017	0.05063393	0.15766726
ENSMUSG00000027109	-0.694703	8.28095697	0.05064006	0.15766726

ENSMUSG00000025759	-0.7061865	4.59637116	0.0507137	0.15785377
ENSMUSG00000025508	0.69674271	6.51991805	0.0507571	0.15794608
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ENSMUSG00000021615	-0.7124661	4.09907564	0.05088447	0.15825677
ENSMUSG00000019877	-0.6943863	7.63490009	0.05090333	0.1582726
ENSMUSG00000022863	-0.7435476	2.70593466	0.05099677	0.15851551
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ENSMUSG00000041237	0.75604477	2.80193644	0.05103424	0.15855098
ENSMUSG00000022105	-0.6937665	7.74968067	0.05108096	0.15861367
ENSMUSG00000005540	0.6924953	10.147157	0.05108985	0.15861367
ENSMUSG00000031979	0.70188506	5.17788552	0.05109582	0.15861367
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ENSMUSG00000028560	-0.6944296	6.91801386	0.05132449	0.15908357
ENSMUSG00000033436	0.69852405	5.81737186	0.05133023	0.15908357
ENSMUSG00000036636	0.69743892	5.94566238	0.05143761	0.15934885
ENSMUSG00000021044	0.72224968	3.57497678	0.05144523	0.15934885
ENSMUSG00000085498	-0.8953107	0.62548198	0.05145741	0.15934885
ENSMUSG00000038332	-0.692302	7.63586369	0.05161896	0.15980607
ENSMUSG00000084771	-0.8187218	1.50887014	0.051739	0.16006697
ENSMUSG00000024790	0.8062471	1.54621665	0.051739	0.16006697
ENSMUSG00000037190	0.74313504	2.78086359	0.05176429	0.16006697
ENSMUSG00000034480	-0.6962063	5.64084923	0.05177385	0.16006697
ENSMUSG00000027435	-0.6965279	5.68112722	0.05178638	0.16006697
ENSMUSG00000032267	-0.697493	5.36534987	0.05178678	0.16006697
ENSMUSG00000037552	0.69420382	6.32073434	0.05181613	0.16008743
ENSMUSG00000002279	0.73229181	3.34788258	0.05182126	0.16008743
ENSMUSG00000091183	-0.8207231	1.23243806	0.05189441	0.16027035
ENSMUSG00000026176	0.69317002	6.48767162	0.0519977	0.16054623
ENSMUSG00000056220	0.72313881	3.35518628	0.05203584	0.1605594
ENSMUSG00000090258	-0.7225769	3.34459207	0.05203584	0.1605594
ENSMUSG00000051220	-0.7088062	4.23936578	0.05205617	0.1605594
ENSMUSG00000030748	0.69086517	7.74957087	0.05205784	0.1605594
ENSMUSG00000015605	0.69899526	5.0402116	0.05220051	0.16091924
ENSMUSG00000026958	0.69793215	5.15161194	0.05220251	0.16091924
ENSMUSG00000020775	0.70352763	4.31739653	0.05224308	0.16099187
ENSMUSG00000039841	-0.69214	6.66612027	0.05225408	0.16099187
ENSMUSG00000063576	0.69762959	5.17271243	0.05229359	0.16107042
ENSMUSG00000039244	0.70555883	4.04229279	0.05231296	0.16108692
ENSMUSG00000020577	-0.6909322	7.073731	0.05233301	0.16110551
ENSMUSG00000041346	0.71211099	3.63339762	0.05240134	0.16127268

ENSMUSG00000055900	-0.7072537	4.23400514	0.05245814	0.16140426
ENSMUSG00000044937	-0.770602	1.55465711	0.05248125	0.16143214
ENSMUSG00000036990	-0.6891973	7.87331036	0.05255566	0.16159349
ENSMUSG00000040785	-0.6907723	6.76042356	0.05256181	0.16159349
ENSMUSG00000022571	0.7362537	2.65826403	0.0525886	0.16163261
ENSMUSG00000050229	-0.6906074	6.81627549	0.05261799	0.16164676
ENSMUSG00000035273	0.69329759	6.06475928	0.05262133	0.16164676
ENSMUSG00000027514	0.69257322	5.95412383	0.05263863	0.16165671
ENSMUSG00000055553	0.6979878	4.93269858	0.05276619	0.16200518
ENSMUSG00000056763	-0.6914659	6.11930863	0.05285976	0.16224911
ENSMUSG00000035329	-0.6911477	6.25400238	0.05288397	0.16228008
ENSMUSG00000030867	0.75038476	2.60722383	0.05310228	0.1629065
ENSMUSG00000028274	-0.6946579	5.343879	0.05314152	0.16298341
ENSMUSG00000029920	-0.690297	6.24481683	0.05324417	0.16325467
ENSMUSG00000034673	0.69183237	5.66936745	0.05330569	0.1633997
ENSMUSG00000079800	-0.7136814	3.42252094	0.05332676	0.1634207
ENSMUSG00000007646	-0.7199265	3.54151343	0.05336822	0.16350418
ENSMUSG00000020918	0.69109023	5.66830995	0.05340917	0.16358604
ENSMUSG00000038240	-0.7197955	3.18667637	0.05349556	0.16377669
ENSMUSG00000021144	0.6963557	4.84355684	0.05349991	0.16377669
ENSMUSG00000024056	-0.703297	4.12420162	0.05355164	0.1638914
ENSMUSG00000069208	-0.733124	2.75549316	0.05372617	0.16438178
ENSMUSG00000028300	-0.693002	5.18935394	0.05390932	0.16485036
ENSMUSG00000023150	-0.6843722	9.44589294	0.05391795	0.16485036
ENSMUSG00000041841	0.68555232	7.57602554	0.05392235	0.16485036
ENSMUSG00000030291	-0.7031595	4.31825031	0.0539542	0.16490388
ENSMUSG00000079685	-0.7444168	2.56231042	0.05401165	0.1650356
ENSMUSG00000028256	-0.7046082	3.97104433	0.05404945	0.16508198
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ENSMUSG00000029840	-0.6839393	8.45308004	0.05424342	0.16552378
ENSMUSG00000022336	-0.6837023	8.47207318	0.05431213	0.16568946
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ENSMUSG00000028568	-0.6892616	5.53148399	0.05440509	0.16588503
ENSMUSG00000029071	0.69068243	5.27194977	0.05452392	0.1661579
ENSMUSG00000084350	-0.8045764	1.33244257	0.05453125	0.1661579
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ENSMUSG00000006567	0.7911193	1.96456163	0.05461888	0.16631377
ENSMUSG00000031622	0.68600052	6.09314814	0.05463252	0.16631377
ENSMUSG00000037674	-0.6828528	8.19067947	0.05467359	0.16636426
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ENSMUSG00000038811	0.6870067	5.82111538	0.05483382	0.1666177
ENSMUSG00000022515	0.69061829	5.10612853	0.05485426	0.16663575
ENSMUSG00000039157	0.6842555	6.55877491	0.05495197	0.16688847
ENSMUSG00000042225	-0.6925514	4.83470932	0.05506084	0.16714659
ENSMUSG00000020156	0.68617223	5.96151953	0.05506604	0.16714659
ENSMUSG00000047789	-0.6843894	6.22680458	0.05519413	0.16739991
ENSMUSG00000029229	-0.6880135	5.46327279	0.05521151	0.16739991
ENSMUSG00000020644	0.6893486	5.37092892	0.0552135	0.16739991
ENSMUSG00000046994	-0.6860352	5.79184419	0.05521368	0.16739991
ENSMUSG00000026667	-0.6810935	8.46247562	0.05522231	0.16739991
ENSMUSG00000014773	0.7311468	2.82945446	0.05523997	0.16740929
ENSMUSG00000034601	-0.6891656	5.06802106	0.05530281	0.16755557
ENSMUSG00000026110	-0.6815704	7.39457808	0.05541071	0.16783824
ENSMUSG00000020397	-0.6849827	5.95026738	0.05544371	0.16789395
ENSMUSG00000025962	-0.6879078	5.23159033	0.05549386	0.16800156
ENSMUSG00000023892	-0.6911573	4.84056404	0.0555693	0.16818567
ENSMUSG00000040721	0.7051999	3.9423649	0.05559249	0.16821153
ENSMUSG00000036879	-0.6848698	5.80498853	0.05565804	0.16836558
ENSMUSG00000036835	0.68778533	4.98647387	0.0558119	0.16878657
ENSMUSG00000010362	0.69749595	4.00576283	0.05599887	0.16924147
ENSMUSG00000011658	0.70018793	4.14385506	0.05600288	0.16924147
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ENSMUSG00000079418	-0.686541	5.16432778	0.05605505	0.16934371
ENSMUSG00000036026	0.70168179	3.93572085	0.056132	0.16953161
ENSMUSG00000020594	-0.6781652	8.84620379	0.05618734	0.16964706
ENSMUSG00000069892	-0.6784946	8.16979484	0.05619974	0.16964706
ENSMUSG00000040189	0.77001454	2.19805584	0.05626407	0.16979667
ENSMUSG00000051285	-0.6794512	7.11347536	0.0563416	0.16996737
ENSMUSG00000021690	-0.6846784	5.40074528	0.05635021	0.16996737
ENSMUSG00000000915	0.6787979	7.3085527	0.05641715	0.17008963
ENSMUSG00000048661	-0.6833488	5.72322302	0.05642172	0.17008963
ENSMUSG00000054079	-0.6833126	5.71808253	0.05643513	0.17008963
ENSMUSG00000056536	-0.6806772	6.24583333	0.05650686	0.17022998
ENSMUSG00000010406	0.70788087	3.50289396	0.05651132	0.17022998
ENSMUSG00000078851	-0.6932869	4.30291449	0.05653415	0.17025413
ENSMUSG00000024163	0.67877913	7.37202351	0.05655799	0.17028134
ENSMUSG00000046982	0.69023826	4.64181568	0.05659472	0.1703473
ENSMUSG00000042302	-0.7219201	2.91421168	0.0566524	0.17047627
ENSMUSG00000100150	-0.7258264	2.68082223	0.05669514	0.17049474

ENSMUSG00000019818	-0.6770011	8.42522294	0.05670338	0.17049474
ENSMUSG00000039985	-0.6816812	5.97950138	0.05670954	0.17049474
ENSMUSG00000070639	0.76049909	2.36319952	0.05671787	0.17049474
ENSMUSG00000044678	0.72042465	3.28351648	0.05677855	0.17063254
ENSMUSG00000011008	-0.6839601	5.22878605	0.0568194	0.17071065
ENSMUSG00000020385	-0.6769692	7.83166034	0.05691232	0.17091829
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ENSMUSG00000003812	0.68283091	5.63691329	0.05693311	0.17091829
ENSMUSG00000064061	-0.6863503	4.92482474	0.05701388	0.17111607
ENSMUSG00000021179	0.69345558	4.43544691	0.05707558	0.17125654
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ENSMUSG00000096727	0.67847183	6.32490308	0.0572666	0.17174002
ENSMUSG00000047547	0.70488032	3.67656908	0.05728579	0.17175278
ENSMUSG00000038127	-0.6751178	8.58885389	0.05734377	0.17188178
ENSMUSG00000062101	-0.7165527	2.91490364	0.05746822	0.1722099
ENSMUSG00000030753	-0.6779627	6.33642583	0.05750047	0.17226165
ENSMUSG00000066798	-0.6812011	5.55529022	0.05755179	0.17231751
ENSMUSG00000020015	-0.6759254	7.27678036	0.05755341	0.17231751
ENSMUSG00000022884	-0.6739293	10.3532234	0.05756409	0.17231751
ENSMUSG00000048731	0.77968264	1.92943923	0.05767807	0.17256881
ENSMUSG00000021066	-0.762902	1.90577349	0.05767807	0.17256881
ENSMUSG00000092222	-0.6883145	4.39993136	0.05769991	0.17258924
ENSMUSG00000040351	-0.6764622	6.62593493	0.05773336	0.17264438
ENSMUSG00000047407	-0.6743714	7.9600644	0.05777648	0.17272838
ENSMUSG00000074342	-0.688566	4.21894103	0.05781089	0.17278633
ENSMUSG00000012114	0.67934599	5.65104599	0.05785166	0.17286322
ENSMUSG00000029167	0.70905107	3.26369675	0.05788052	0.17290451
ENSMUSG00000024360	-0.674708	7.372113	0.05791426	0.17296037
ENSMUSG00000022761	0.6789714	5.5686764	0.05798099	0.17311468
ENSMUSG00000007670	0.67575094	6.45167678	0.05809776	0.17341828
ENSMUSG00000045362	-0.685016	4.74496454	0.05813885	0.17345953
ENSMUSG00000020048	-0.6723638	10.2956936	0.05815205	0.17345953
ENSMUSG00000028420	0.7321886	2.5181726	0.05815685	0.17345953
ENSMUSG00000039801	-0.6780572	5.56522625	0.05827564	0.17375623
ENSMUSG00000040225	-0.672146	9.42430053	0.05828656	0.17375623
ENSMUSG00000021693	-0.6763167	6.1388805	0.05837347	0.17393464
ENSMUSG00000038323	-0.6974006	3.70281174	0.05839855	0.17393464
ENSMUSG00000024644	0.67841817	5.63467309	0.05840549	0.17393464
ENSMUSG00000038690	0.69599864	3.80326574	0.05840694	0.17393464
ENSMUSG00000096351	0.76819604	2.24800253	0.05843935	0.17398464
ENSMUSG00000054945	-0.8598947	0.68475113	0.058454	0.17398464
ENSMUSG00000017146	-0.681767	5.03460033	0.05847212	0.17399353
ENSMUSG00000030254	-0.6846888	4.62260518	0.05850179	0.17403067

ENSMUSG00000032103	-0.6800386	5.27402302	0.05851488	0.17403067
ENSMUSG00000089857	-0.6918807	4.11342651	0.05856398	0.17413165
ENSMUSG00000046792	0.73809234	2.09353844	0.05859933	0.17418208
ENSMUSG00000030689	0.68220444	4.79719516	0.05861125	0.17418208
ENSMUSG00000038615	0.67337466	6.97160682	0.05865408	0.17426431
ENSMUSG00000027968	-0.6780919	5.50356642	0.05867004	0.1742667
ENSMUSG00000028521	-0.6880258	4.29914684	0.05869607	0.17429896
ENSMUSG00000038546	-0.6737939	6.68350458	0.05871355	0.17430585
ENSMUSG00000070284	0.69742186	3.60436929	0.05874741	0.17436134
ENSMUSG00000024130	0.67417886	6.6049706	0.05876827	0.17437823
ENSMUSG00000041319	0.70197972	3.47665061	0.0587989	0.17442408
ENSMUSG00000027018	-0.6766906	5.69250204	0.05890411	0.17469112
ENSMUSG00000024858	0.67055367	9.01945087	0.05892094	0.17469595
ENSMUSG00000020817	-0.6719931	7.25611758	0.05898647	0.17484515
ENSMUSG00000090110	-0.7264485	2.62803662	0.05904013	0.17495908
ENSMUSG00000029442	-0.8097354	1.17075747	0.05908036	0.17499624
ENSMUSG00000037351	0.67530417	5.95449629	0.05908312	0.17499624
ENSMUSG00000029406	-0.6802886	4.67199418	0.05910069	0.17500319
ENSMUSG00000060519	0.67453217	5.93747852	0.05913908	0.17507179
ENSMUSG00000052270	0.76882154	2.00161841	0.05920888	0.17518818
ENSMUSG00000062785	0.74340252	2.00178002	0.05920888	0.17518818
ENSMUSG00000036528	0.67748482	5.29599254	0.05922917	0.17520312
ENSMUSG00000029681	0.68116328	4.63254461	0.05928417	0.17532069
ENSMUSG00000027804	-0.6724042	6.67645757	0.05933099	0.17537995
ENSMUSG00000057788	0.68717259	4.11004602	0.05933472	0.17537995
ENSMUSG00000041846	-0.6703993	7.69579357	0.05939295	0.17550692
ENSMUSG00000024799	0.7796367	1.81169804	0.05944766	0.17562344
ENSMUSG00000031902	-0.6689896	8.81544357	0.05959308	0.17600782
ENSMUSG00000026740	-0.6765993	5.25148001	0.05960949	0.17601107
ENSMUSG00000032228	-0.6698622	7.54695479	0.05966174	0.17612011
ENSMUSG00000074283	0.81380222	1.51289192	0.05976878	0.1763908
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ENSMUSG00000028212	-0.6981815	3.69244335	0.0599139	0.17652886
ENSMUSG00000031818	0.67086577	6.41998956	0.05991927	0.17652886
ENSMUSG00000058192	-0.6898064	4.02143852	0.05993196	0.17652886
ENSMUSG00000021911	-0.6704424	6.80879567	0.05995146	0.17652886
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ENSMUSG00000071708	-0.6709606	6.50886199	0.05996119	0.17652886
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ENSMUSG00000028251	-0.6891649	3.849982	0.05996914	0.17652886
ENSMUSG00000032712	-0.6684914	7.65151367	0.06010153	0.17685054
ENSMUSG00000047875	0.77903906	1.76704543	0.06010918	0.17685054



ENSMUSG00000021770	-0.6737344	5.5998389	0.06012886	0.17686317
ENSMUSG00000030165	0.71996713	2.73584435	0.06016872	0.17693513
ENSMUSG00000025898	-0.6714931	6.12192568	0.06019399	0.17696418
ENSMUSG00000043252	-0.6701817	6.55161798	0.06022298	0.17700414
ENSMUSG00000036270	0.67107584	6.12362778	0.06027807	0.17705811
ENSMUSG00000048410	-0.6708052	6.16535349	0.06028588	0.17705811
ENSMUSG00000023074	-0.6867172	4.03863713	0.06028755	0.17705811
ENSMUSG00000038725	-0.681905	4.76919615	0.06034543	0.17716097
ENSMUSG00000029776	-0.6723337	5.75857679	0.0603534	0.17716097
ENSMUSG00000047757	-0.6988963	3.3937522	0.06036887	0.17716114
ENSMUSG00000038622	-0.6852987	4.01605109	0.06049362	0.1774819
ENSMUSG00000020895	0.81003146	1.4577638	0.06056315	0.17760548
ENSMUSG00000031245	-0.6749626	5.28468835	0.06056664	0.17760548
ENSMUSG00000058799	-0.6659477	9.05620524	0.06070696	0.17794038
ENSMUSG00000022789	-0.667588	7.14111678	0.0607118	0.17794038
ENSMUSG00000014956	-0.6664106	8.05259636	0.06076607	0.17805404
ENSMUSG00000020572	-0.6673048	7.09427762	0.06084758	0.17821294
ENSMUSG00000052331	-0.6657528	8.57601399	0.06085131	0.17821294
ENSMUSG00000036860	0.73951079	2.14594335	0.06093974	0.17842645
ENSMUSG00000055660	-0.6777502	4.58867386	0.06102815	0.17863982
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ENSMUSG00000042508	-0.6646904	7.27183557	0.06175692	0.1804514
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ENSMUSG00000055917	-0.6730973	4.91543412	0.06185194	0.18063048
ENSMUSG00000029684	-0.6695924	5.43037057	0.06186535	0.18063048
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ENSMUSG00000057315	-0.6791881	4.30581585	0.0620347	0.18098865
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ENSMUSG00000041297	-0.6627095	8.10647065	0.06217554	0.18135188
ENSMUSG00000047139	-0.6614866	10.2226601	0.06230222	0.18167528
ENSMUSG00000079298	0.78991896	1.63503457	0.06235837	0.18177715
ENSMUSG00000058230	-0.6680569	5.41691274	0.06236878	0.18177715
ENSMUSG00000041444	0.77416433	1.80152755	0.06248382	0.1820663
ENSMUSG00000033712	0.66495374	6.19302914	0.06259384	0.18234064
ENSMUSG00000075467	0.68495919	3.41891958	0.0628308	0.18298454
ENSMUSG00000035247	-0.6604109	8.87302417	0.0628741	0.18306428
ENSMUSG00000014837	0.70055696	2.98308809	0.06291897	0.18314588
ENSMUSG00000101335	-0.7875519	0.99605955	0.06294488	0.18314588

ENSMUSG00000024472	-0.6621608	6.94172529	0.06294992	0.18314588
ENSMUSG00000030059	-0.6616436	7.1966119	0.06300952	0.18327289
ENSMUSG00000022020	-0.6676426	5.37006225	0.06312751	0.18356964
ENSMUSG00000094942	-0.7536086	1.74754859	0.06326163	0.18391309
ENSMUSG00000058291	-0.6622739	6.60333668	0.06330859	0.18394989
ENSMUSG00000025049	-0.6698598	4.7886266	0.06331389	0.18394989
ENSMUSG00000022765	-0.6603585	7.66638007	0.06332229	0.18394989
ENSMUSG00000079184	-0.6628266	6.25149564	0.06336785	0.18403573
ENSMUSG00000042323	-0.6596969	7.88248029	0.0634347	0.1841404
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ENSMUSG00000049606	-0.6607582	6.76653274	0.06364383	0.18456518
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ENSMUSG00000033014	-0.6595928	7.45394574	0.0636638	0.18456883
ENSMUSG00000020463	-0.6583009	7.91395336	0.06400717	0.18551752
ENSMUSG00000071350	-0.6607	6.38963007	0.06403235	0.1855437
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ENSMUSG00000035851	-0.6572635	8.43225662	0.06424175	0.18605667
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ENSMUSG00000038822	-0.6627167	5.58365082	0.06431523	0.18617567
ENSMUSG00000003575	0.67890305	3.95521437	0.06436114	0.18625137
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ENSMUSG00000019813	-0.6715608	4.26093333	0.06450414	0.18654689
ENSMUSG00000023104	0.66108673	5.76073111	0.06450839	0.18654689
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ENSMUSG00000078671	-0.6340954	8.89078734	0.0740043	0.20396776
ENSMUSG00000053684	0.67089601	3.23815762	0.0740104	0.20396776
ENSMUSG00000032353	0.64619159	4.67969645	0.07404659	0.2040186
ENSMUSG00000038271	0.64334328	5.17070038	0.07409044	0.20409049
ENSMUSG00000067288	0.63583847	6.93327249	0.07413284	0.20414843
ENSMUSG00000038179	-0.6427271	4.95072118	0.074147	0.20414843
ENSMUSG00000019132	-0.6336059	9.17243976	0.07418504	0.20420427
ENSMUSG00000058558	-0.6332846	9.73610621	0.07425604	0.20435078
ENSMUSG00000030539	0.63707086	6.21719948	0.07430547	0.20443785
ENSMUSG00000019971	0.65778679	4.04578697	0.07438661	0.20458112
ENSMUSG00000079043	-0.6628256	3.59429904	0.07439313	0.20458112
ENSMUSG00000036461	-0.6326535	8.79406358	0.07469912	0.20532551
ENSMUSG00000042308	0.64403327	4.87160299	0.07469955	0.20532551
ENSMUSG00000071369	-0.634115	6.97791179	0.07479426	0.20549694
ENSMUSG00000028033	-0.6474551	4.30128175	0.07479767	0.20549694
ENSMUSG00000045962	-0.6315988	9.69242593	0.07501982	0.20605803
ENSMUSG00000027342	-0.6336929	6.94363292	0.0750385	0.2060601
ENSMUSG00000038543	-0.6406447	5.02891633	0.07512828	0.20625737
ENSMUSG00000066677	0.64128625	5.88209161	0.07517094	0.2063252
ENSMUSG00000025234	-0.6320126	7.90864398	0.07527303	0.20655611
ENSMUSG00000027770	-0.6332339	6.88236246	0.07529675	0.20657188
ENSMUSG00000034833	-0.6337551	6.5676382	0.07538668	0.20676084
ENSMUSG00000059674	0.86586219	0.71531922	0.07540525	0.20676084
ENSMUSG00000054892	0.66605364	3.38122964	0.07541959	0.20676084
ENSMUSG00000024359	-0.6312589	8.4770544	0.07544983	0.20679441
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ENSMUSG00000016529	-0.6884591	2.69419299	0.07550708	0.20682265
ENSMUSG00000053600	-0.6383272	5.30323638	0.07551619	0.20682265
ENSMUSG00000029911	-0.6372745	5.47801952	0.07553727	0.20682265
ENSMUSG00000051223	-0.6308376	8.6298986	0.07557141	0.20682265
ENSMUSG00000047879	-0.6359204	5.73460441	0.07558473	0.20682265
ENSMUSG00000021171	-0.6319743	7.26549961	0.07560455	0.20682265
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ENSMUSG00000057113	-0.6244958	9.36948921	0.07838648	0.21151469
ENSMUSG00000024911	0.63852548	4.36785441	0.07843269	0.21158971
ENSMUSG00000047749	-0.6654503	2.91062507	0.07846164	0.21161815
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ENSMUSG00000076652	-0.6365548	4.84130584	0.07865329	0.21203554
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ENSMUSG00000054434	0.66941517	2.7214006	0.08211381	0.21829284
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ENSMUSG00000032314	-0.62166	5.77299491	0.08236578	0.21886144
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ENSMUSG00000024807	0.61565254	7.3500119	0.0832335	0.22022868
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ENSMUSG00000005846	-0.610355	7.01204995	0.08634237	0.22565715
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ENSMUSG00000041729	0.89893491	0.66280366	0.08678545	0.22643365
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ENSMUSG00000055723	-0.6096355	6.6429907	0.08710015	0.22677604
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ENSMUSG00000015377	0.61769618	4.70799598	0.08759508	0.22749783
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ENSMUSG00000032220	-0.5859445	7.60132951	0.0990996	0.24596559
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ENSMUSG00000032594	0.58614184	7.33935302	0.09911376	0.24596559
ENSMUSG00000056418	0.72253554	1.47051952	0.09913596	0.24596759
ENSMUSG00000001424	0.58746825	6.38037263	0.09934393	0.24623699
ENSMUSG00000027351	0.60456821	4.06648025	0.09934641	0.24623699
ENSMUSG00000029722	0.601855	4.06629722	0.09934641	0.24623699
ENSMUSG00000095193	-0.6762896	1.58302366	0.09935165	0.24623699
ENSMUSG00000056367	-0.6721898	1.57919095	0.09935165	0.24623699

ENSMUSG00000039480	-0.5903323	5.48959761	0.0994274	0.24635983
ENSMUSG00000024142	0.59151989	5.09135266	0.09944407	0.24635983
ENSMUSG00000025156	0.59128793	5.00972352	0.09949332	0.24642874
ENSMUSG00000042138	-0.5937798	4.94872717	0.09955661	0.24653236
ENSMUSG00000020692	0.61980215	3.374258	0.09958037	0.24653808
ENSMUSG00000046031	0.61997476	3.09593208	0.09967583	0.2467007
ENSMUSG00000022422	-0.6634386	1.89220189	0.09968898	0.2467007
ENSMUSG00000039662	0.58762591	5.95298763	0.0997125	0.24670582
ENSMUSG00000032561	0.63088241	2.68119257	0.09979092	0.2468118
ENSMUSG00000024158	0.60036326	4.15796779	0.09979828	0.2468118
ENSMUSG00000030516	0.65669242	2.32548198	0.09982252	0.24681864
ENSMUSG00000040007	0.5877446	5.71060852	0.09986527	0.24687123
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ENSMUSG00000095130	-0.5974153	4.4783614	0.09999755	0.24709197
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ENSMUSG00000073131	-0.5922413	4.94773609	0.10013625	0.24732836
ENSMUSG00000003848	0.59266162	4.62213807	0.10024167	0.24753555
ENSMUSG00000041921	-0.5872156	5.84323091	0.1002906	0.24760319
ENSMUSG00000027357	-0.6127093	3.28178591	0.10048081	0.24801952
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ENSMUSG00000019857	-0.592354	4.77061563	0.10073396	0.24853764
ENSMUSG00000024287	-0.5850866	6.29864235	0.1008561	0.24872599
ENSMUSG00000027953	0.58516848	6.19782748	0.10087496	0.24872599
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ENSMUSG00000063108	-0.5842709	6.64730359	0.10091453	0.24876957
ENSMUSG00000023852	-0.5821285	8.25085765	0.1009724	0.24883166
ENSMUSG00000079037	0.60351332	3.99608712	0.10098301	0.24883166
ENSMUSG00000062929	-0.5923544	4.7117365	0.10114505	0.24917753
ENSMUSG00000043542	0.7540557	0.89133853	0.10130007	0.24941931
ENSMUSG00000030846	-0.5823215	7.47167739	0.10130095	0.24941931
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ENSMUSG00000021731	-0.5895954	5.10259112	0.10143782	0.24952444
ENSMUSG00000027378	0.78308327	0.98277752	0.10154025	0.24965525
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ENSMUSG00000052656	-0.5856479	5.15935928	0.10303255	0.2519963
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ENSMUSG00000026307	0.59298176	4.34519805	0.10354207	0.25280717
ENSMUSG00000032549	0.59935631	3.85081501	0.10361821	0.25290572
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ENSMUSG000000021051	-0.5703352	6.63786913	0.10926619	0.26265472
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ENSMUSG000000004771	-0.5725935	5.66332753	0.10951771	0.26298435
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ENSMUSG000000028577	-0.569075	6.78877925	0.10992295	0.26362702
ENSMUSG000000049800	-0.5693778	6.4673768	0.10995524	0.2636293
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ENSMUSG000000055943	-0.5723602	5.4725527	0.11015031	0.26384201
ENSMUSG000000032997	0.61905071	2.54953475	0.11021876	0.26395096
ENSMUSG000000029516	0.59161377	3.71701781	0.11024545	0.26395988
ENSMUSG000000024777	0.57699966	4.3380027	0.11029777	0.26403016
ENSMUSG000000007216	0.66491382	1.62339545	0.11032337	0.26403645
ENSMUSG000000057666	0.63630144	2.28087686	0.11043381	0.26421544
ENSMUSG000000023919	-0.5734375	5.15036747	0.11044412	0.26421544
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ENSMUSG000000049892	0.57329409	4.60842571	0.11057007	0.26437751
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ENSMUSG000000042198	-0.5804269	4.09812136	0.11074559	0.26466124

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ENSMUSG00000051022	-0.5942919	3.39959344	0.11220486	0.26703828
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ENSMUSG00000006373	-0.5682511	5.54057168	0.11248954	0.26760497
ENSMUSG00000071281	-0.5773453	4.23660604	0.11259957	0.2678113
ENSMUSG00000022552	0.56593958	6.13825091	0.11273864	0.26803231
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ENSMUSG00000020349	-0.5626307	7.97118853	0.11299022	0.26840722
ENSMUSG00000025024	-0.5649943	6.38356313	0.11303248	0.26844954
ENSMUSG00000029486	-0.5756063	4.37994475	0.11305474	0.26844954
ENSMUSG00000097431	-0.5900168	3.09090592	0.11315424	0.26863032
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ENSMUSG00000028719	-0.5650632	6.11919254	0.11336967	0.26903063
ENSMUSG00000054717	-0.5626481	7.14726769	0.1135231	0.26933912
ENSMUSG00000055170	0.58950859	3.1649138	0.11355443	0.26935786
ENSMUSG00000048285	-0.5913213	3.24925772	0.11362123	0.2694607
ENSMUSG00000020914	-0.5630548	6.8459348	0.11368864	0.26956496
ENSMUSG00000071359	-0.5663177	5.59097545	0.11372484	0.26959519
ENSMUSG00000027782	-0.5612123	8.25957833	0.1137739	0.26965586
ENSMUSG00000052144	-0.5622254	7.03396947	0.11399557	0.27012555
ENSMUSG00000027177	-0.5618589	7.03304064	0.11406604	0.27023684
ENSMUSG00000059474	-0.5626115	6.65994766	0.1141051	0.27027368

ENSMUSG00000085438	-0.5604339	8.1852932	0.11427001	0.27057613
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ENSMUSG00000028576	-0.6089936	2.43680863	0.11432507	0.2706274
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ENSMUSG00000038866	-0.5610396	7.36613151	0.11446961	0.270858
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ENSMUSG00000028718	-0.5861412	3.41242164	0.11466273	0.27109175
ENSMUSG00000015668	-0.5718004	4.35505235	0.11470904	0.27114547
ENSMUSG00000030882	-0.5707294	4.17780081	0.11475031	0.27118726
ENSMUSG00000078429	0.56104182	6.79398721	0.11478222	0.27120036
ENSMUSG00000040928	-0.5615438	6.61956947	0.1148093	0.27120036
ENSMUSG00000017686	-0.5620428	6.32522674	0.1148454	0.27120036
ENSMUSG00000022620	0.57332771	4.03127055	0.11485023	0.27120036
ENSMUSG00000031320	-0.5585926	10.9112754	0.11494041	0.27135756
ENSMUSG00000020671	-0.5600216	7.39458514	0.11503338	0.27152129
ENSMUSG00000066640	0.57737115	4.05893059	0.11508558	0.27156364
ENSMUSG00000033220	0.55868204	9.00293005	0.11509937	0.27156364
ENSMUSG00000064065	-0.5623108	5.87139916	0.1151222	0.27156364
ENSMUSG00000031668	-0.559682	7.24651875	0.11527183	0.27186084
ENSMUSG00000024976	-0.5612441	6.45118168	0.11530795	0.27189023
ENSMUSG00000047036	-0.5597314	6.81208724	0.1155808	0.27247573
ENSMUSG00000074480	0.61456324	2.14428125	0.11560367	0.27247573
ENSMUSG00000096336	-0.5595424	7.13248468	0.11570205	0.27265172
ENSMUSG00000068290	0.56315431	5.48102876	0.11605641	0.2734307
ENSMUSG00000036478	-0.5568212	10.4951892	0.11611533	0.27351347
ENSMUSG00000033808	-0.5589173	6.8540801	0.11624411	0.27376071
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ENSMUSG00000004980	-0.5563899	10.509393	0.11639849	0.27390995
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ENSMUSG00000067194	-0.5611733	5.76778021	0.11660629	0.2741643
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ENSMUSG00000032501	0.55921609	6.30237842	0.11673272	0.27434933
ENSMUSG00000098055	0.68121955	1.200123	0.11677722	0.27439782
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ENSMUSG00000038400	0.63906248	1.48401625	0.11745091	0.27542868
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ENSMUSG00000030779	-0.5476397	8.05874465	0.12275504	0.28363428
ENSMUSG00000016528	0.54869562	7.03154201	0.12275603	0.28363428
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ENSMUSG00000021785	-0.5497604	5.97852856	0.12357842	0.28466585
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ENSMUSG00000027534	-0.5800027	3.03963171	0.12412701	0.28542507
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ENSMUSG00000039756	-0.5467439	6.72064289	0.12444983	0.28565906
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ENSMUSG00000015672	-0.5562093	4.35322904	0.12739157	0.29026088
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ENSMUSG00000013662	-0.5403203	6.97197891	0.12874238	0.29218039
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ENSMUSG00000090164	-0.5420657	6.31379607	0.12905483	0.29277388
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ENSMUSG00000035620	-0.5448086	5.16827626	0.12922628	0.2929316
ENSMUSG00000030452	-0.5424427	5.73014298	0.1293089	0.29306108
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ENSMUSG00000031467	-0.5541174	3.94331508	0.1294971	0.29337192
ENSMUSG00000041650	-0.5477192	4.56997208	0.12961742	0.29358665
ENSMUSG00000047777	0.55522185	3.99610901	0.12965733	0.2936192
ENSMUSG00000033386	0.56883892	3.22814869	0.1297373	0.29374242
ENSMUSG00000021127	-0.5368556	9.91716539	0.12976369	0.29374431
ENSMUSG00000031697	-0.546476	4.65147903	0.12986223	0.29384203
ENSMUSG00000091780	0.63563207	1.35691524	0.12987719	0.29384203
ENSMUSG00000001741	0.53701737	8.36008341	0.12991854	0.29384203
ENSMUSG00000060288	-0.5493596	4.5003994	0.12992013	0.29384203
ENSMUSG00000027287	-0.5401512	6.12280988	0.12993467	0.29384203
ENSMUSG00000026778	0.54844887	4.49968347	0.13001452	0.29396478
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ENSMUSG00000005161	0.53848508	6.60484214	0.13050904	0.29479296
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ENSMUSG00000006471	0.53873995	6.26138686	0.13074396	0.2951435
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ENSMUSG00000039886	0.56699251	2.91536554	0.13079223	0.2951435
ENSMUSG00000031585	-0.5414137	5.46916156	0.1307926	0.2951435
ENSMUSG00000037260	0.5438368	5.17646446	0.13083539	0.2951601
ENSMUSG00000028156	-0.5386138	6.3786135	0.13085132	0.2951601
ENSMUSG00000043716	-0.5351416	10.3694799	0.1309484	0.29532114
ENSMUSG0000002205	0.53880219	5.8977443	0.13105547	0.2954799
ENSMUSG00000032187	0.53716228	6.84787785	0.13107021	0.2954799
ENSMUSG00000078570	0.66567944	1.06920989	0.1310977	0.29548393
ENSMUSG00000097180	-0.560194	3.29507357	0.13117617	0.29560283
ENSMUSG00000037613	0.65342662	1.27994166	0.13128062	0.29578023
ENSMUSG00000030823	0.60854948	2.22730245	0.13130704	0.29578177
ENSMUSG00000069049	-0.5383363	6.63025747	0.13139465	0.29589333
ENSMUSG00000032577	0.54153982	5.19496823	0.13140804	0.29589333
ENSMUSG00000079563	0.54489393	4.47043747	0.1316695	0.29637701
ENSMUSG00000026150	-0.5368515	6.49767959	0.13167442	0.29637701
ENSMUSG00000027076	0.59902351	2.01000428	0.13174257	0.29647237
ENSMUSG00000097715	-0.5455813	4.2755603	0.13181624	0.2965801
ENSMUSG00000066278	-0.5409396	5.04049522	0.13184323	0.29658276
ENSMUSG00000023940	-0.5580626	3.35001499	0.13198868	0.29684108

ENSMUSG00000022064	-0.5449746	4.54555399	0.13200971	0.29684108
ENSMUSG00000016559	-0.5336207	9.83252392	0.13208551	0.29695343
ENSMUSG00000026017	-0.5470095	4.1480441	0.13214265	0.2970107
ENSMUSG00000060073	-0.5354733	6.87608993	0.13216266	0.2970107
ENSMUSG00000036898	-0.5411251	5.13060394	0.13221038	0.29701747
ENSMUSG00000027722	-0.5397265	5.47134395	0.13221735	0.29701747
ENSMUSG00000059248	0.53651756	6.33161416	0.13229594	0.29713595
ENSMUSG00000040820	0.54005233	5.39780394	0.13253977	0.29762545
ENSMUSG00000024576	-0.5329914	8.25385978	0.1329963	0.29859227
ENSMUSG00000024889	0.54239966	4.25453895	0.13304437	0.29861892
ENSMUSG00000028136	-0.5346123	6.67251523	0.13306012	0.29861892
ENSMUSG00000072694	0.55736505	3.462994	0.13324945	0.29898544
ENSMUSG00000046808	-0.53315	7.32725581	0.13338112	0.29922248
ENSMUSG00000006728	0.53512737	6.17659267	0.13343155	0.29927719
ENSMUSG00000020988	-0.5508174	3.78084702	0.13346641	0.29929698
ENSMUSG00000028229	-0.5763342	2.37767237	0.13352381	0.2993673
ENSMUSG00000047554	-0.5378895	5.28390363	0.13371755	0.29971044
ENSMUSG00000017861	0.55758535	3.55060446	0.133729	0.29971044
ENSMUSG00000047213	-0.53232	7.48043382	0.13384134	0.29989406
ENSMUSG00000067365	-0.5382684	5.22531149	0.13389018	0.29989406
ENSMUSG00000021270	-0.5309595	11.4179635	0.13389795	0.29989406
ENSMUSG00000026019	-0.5377296	5.32122131	0.13391653	0.29989406
ENSMUSG00000030060	-0.5364757	5.56414262	0.13397835	0.29989406
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ENSMUSG00000022285	-0.5310724	9.46101228	0.13402173	0.29989406
ENSMUSG00000030619	-0.5338231	6.41340667	0.13404466	0.29989406
ENSMUSG00000041836	0.53885991	5.2302049	0.13404573	0.29989406
ENSMUSG00000030357	0.5313175	6.87429032	0.13416119	0.30008692
ENSMUSG00000029767	-0.5324545	7.11031977	0.13418644	0.30008692
ENSMUSG00000003348	0.53183923	6.96584611	0.13422304	0.30008692
ENSMUSG00000032405	-0.5329387	6.68760144	0.13423636	0.30008692
ENSMUSG00000032782	0.54448089	4.34900896	0.13431863	0.30021246
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ENSMUSG00000060860	0.53498737	5.3978714	0.13480635	0.30080394
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ENSMUSG00000022641	-0.5309465	7.04832479	0.1353309	0.30136163
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ENSMUSG00000024387	0.53261687	5.90029916	0.13563485	0.30180461
ENSMUSG00000041303	-0.5352265	5.21786902	0.13570686	0.30190641
ENSMUSG00000027652	-0.5294619	7.83580727	0.13576102	0.30196844
ENSMUSG00000031197	-0.5318364	6.09521293	0.13606611	0.30258851
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ENSMUSG00000094051	0.58633377	2.28631119	0.13630105	0.3029411
ENSMUSG00000022831	0.52829733	8.28347969	0.13630725	0.3029411
ENSMUSG00000028217	-0.5335884	5.62209395	0.13633008	0.3029411
ENSMUSG00000021635	-0.5323328	5.84706411	0.13636835	0.30296757
ENSMUSG00000002107	-0.5282333	8.36034708	0.1363969	0.30297243
ENSMUSG00000079641	-0.5281341	8.48077951	0.13647037	0.30302336
ENSMUSG00000015839	-0.5294259	6.84596219	0.13647255	0.30302336
ENSMUSG00000071748	-0.5351957	5.067853	0.13656143	0.30316216
ENSMUSG00000028261	-0.5382833	4.41075632	0.13663079	0.30325756
ENSMUSG00000040584	-0.5425649	4.13787102	0.13670652	0.30336707
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ENSMUSG00000022895	0.52858385	7.08661035	0.13704205	0.30390067
ENSMUSG00000017677	-0.5274943	7.94827281	0.13705272	0.30390067
ENSMUSG00000040302	-0.5346889	4.99414734	0.1370959	0.30393778
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ENSMUSG00000057561	-0.5304958	5.97812252	0.13729982	0.30421385
ENSMUSG00000085793	-0.5366768	4.76730008	0.13747211	0.30453689
ENSMUSG00000026696	-0.531946	5.43260049	0.13753696	0.30462184
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ENSMUSG00000024085	-0.5269502	7.685871	0.13765322	0.3047032
ENSMUSG00000029410	0.70521228	0.72775383	0.13774801	0.30485133
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ENSMUSG00000041763	-0.5264366	7.25651267	0.13844222	0.30568447
ENSMUSG00000051451	-0.5281803	6.13533183	0.13853243	0.3058249
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ENSMUSG00000015937	0.52597493	7.16867003	0.13877383	0.30618143
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ENSMUSG00000071528	-0.5358637	4.46173934	0.13915442	0.30667222
ENSMUSG00000020982	-0.5254276	7.27240288	0.13915636	0.30667222
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ENSMUSG00000053870	-0.5297714	5.25715729	0.14004355	0.30799922
ENSMUSG00000057137	0.54770346	3.74966356	0.14005323	0.30799922
ENSMUSG00000027193	-0.5236909	7.83457222	0.1401271	0.30810273
ENSMUSG00000041895	0.57932973	2.43747934	0.14023865	0.30827098
ENSMUSG00000037343	-0.5255047	6.32927001	0.14025726	0.30827098
ENSMUSG00000034663	-0.5228913	8.42005639	0.14034282	0.30840007
ENSMUSG00000020530	-0.5232069	7.62900385	0.14055239	0.30877211
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ENSMUSG00000029203	-0.5264004	5.90293236	0.14059271	0.30877211
ENSMUSG00000096917	-0.6298588	1.22156998	0.14071562	0.30894843
ENSMUSG00000078580	0.5746255	2.42038466	0.14075363	0.30894843
ENSMUSG00000024208	0.57226277	2.42154737	0.14075363	0.30894843
ENSMUSG00000019876	-0.5262177	5.71077207	0.14097504	0.30936042
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ENSMUSG00000020305	-0.5315198	4.75837159	0.14103844	0.30939635

ENSMUSG00000030678	0.52309936	6.72095264	0.14122266	0.30973947
ENSMUSG00000021832	-0.5237254	6.59132261	0.14129395	0.30973947
ENSMUSG00000031732	-0.5249586	5.98023793	0.14129732	0.30973947
ENSMUSG00000024037	0.5363577	4.2471571	0.14130263	0.30973947
ENSMUSG00000041229	-0.5229192	7.01712045	0.1413312	0.30974302
ENSMUSG00000079442	0.52847912	4.99494365	0.14137881	0.3097883
ENSMUSG00000038733	-0.5211582	8.74545975	0.14152816	0.31005646
ENSMUSG00000033352	-0.523584	6.39841571	0.14155781	0.31006231
ENSMUSG00000085028	0.53061246	4.65083483	0.14169012	0.31029299
ENSMUSG00000031479	-0.5247644	5.85837605	0.14174973	0.3103644
ENSMUSG00000026480	0.52183861	7.66039276	0.14180708	0.31043084
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ENSMUSG00000036002	0.52999047	4.92330862	0.14204981	0.3107255
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ENSMUSG00000034158	-0.523848	5.91545131	0.14219189	0.31085883
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ENSMUSG00000044149	-0.5304349	4.60145372	0.14277657	0.31178129
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ENSMUSG00000086008	-0.5940455	1.66120363	0.14304897	0.31225748
ENSMUSG00000098021	0.55557576	0.98133665	0.14315214	0.31242337
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ENSMUSG00000004535	-0.518388	8.56278703	0.14375992	0.31328303
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ENSMUSG00000035933	-0.5217929	5.89005116	0.14381486	0.31328303
ENSMUSG00000025050	-0.5273544	4.6504993	0.14381858	0.31328303
ENSMUSG00000033728	0.54414572	3.46645605	0.144047	0.31372116
ENSMUSG00000089682	0.53035574	4.26652592	0.14413142	0.31378646
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ENSMUSG00000030423	-0.5256815	4.83080582	0.1442129	0.31378646
ENSMUSG00000041238	-0.5223108	5.5610618	0.14423826	0.31378646
ENSMUSG00000049922	0.51990384	5.84929056	0.14425368	0.31378646



ENSMUSG00000040188	0.52097702	6.09700228	0.1442593	0.31378646
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ENSMUSG00000028228	-0.5194461	6.3737983	0.14484963	0.3146941
ENSMUSG00000090946	0.52077267	6.01508407	0.14490712	0.31475951
ENSMUSG00000028291	-0.520853	5.84308314	0.14518279	0.31521878
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ENSMUSG00000039783	-0.5165708	7.83219033	0.14551811	0.3156261
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ENSMUSG00000032199	-0.517662	6.70598189	0.14570057	0.31582222
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ENSMUSG00000097392	-0.5273154	4.34097229	0.14589617	0.3160717
ENSMUSG00000024055	0.53004367	4.70451486	0.14596849	0.31616879
ENSMUSG00000028030	-0.5214315	5.28358794	0.14602636	0.31623455
ENSMUSG00000074305	-0.5187411	5.71839	0.14608272	0.31623928
ENSMUSG00000061882	-0.539896	3.17796575	0.14608357	0.31623928
ENSMUSG00000030643	-0.518267	6.11681648	0.14614135	0.3163048
ENSMUSG00000039328	0.52386124	5.05020466	0.14628987	0.31656666
ENSMUSG00000087497	-0.5894679	1.8632482	0.14633171	0.3165976
ENSMUSG00000024068	-0.5189823	5.88245718	0.14639914	0.31666222
ENSMUSG00000074129	0.51460785	9.33645136	0.14644385	0.31666222
ENSMUSG00000039585	-0.5166738	6.30355028	0.14646677	0.31666222
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ENSMUSG00000035064	0.52812405	4.44565175	0.14654063	0.31675152
ENSMUSG00000028107	0.51977088	5.49917754	0.14674642	0.3171367
ENSMUSG00000049091	0.52648723	4.14433458	0.1467983	0.31718919
ENSMUSG00000027330	0.51571739	6.94617366	0.14698846	0.31750555
ENSMUSG00000039737	0.53369697	3.62721112	0.14699996	0.31750555
ENSMUSG00000021639	-0.5209281	5.15691233	0.14708254	0.31759487
ENSMUSG00000019897	-0.5174126	5.8678211	0.14710602	0.31759487
ENSMUSG00000021807	-0.5164657	6.43254696	0.1471242	0.31759487
ENSMUSG00000059475	-0.5178749	5.81834177	0.14718328	0.31766275

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ENSMUSG00000029918	-0.548495	3.00779061	0.14725131	0.31769028
ENSMUSG00000024908	-0.5142092	7.76202264	0.14731448	0.31776693
ENSMUSG00000027361	-0.5174279	5.83909536	0.14751463	0.31813895
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ENSMUSG00000044060	-0.5235456	4.38260927	0.14769067	0.31830202
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ENSMUSG00000040128	-0.5135556	7.87798177	0.14776989	0.3183908
ENSMUSG00000041966	-0.5171739	5.72438338	0.14787936	0.31856696
ENSMUSG00000022110	-0.5168222	5.88160901	0.14794632	0.31865147
ENSMUSG00000087543	0.57003813	2.50514282	0.14797558	0.31865398
ENSMUSG00000096498	0.56112571	2.44565282	0.14800292	0.31865398
ENSMUSG00000020738	-0.5139461	7.33654981	0.14807151	0.31874196
ENSMUSG00000022051	-0.514364	6.79165795	0.14816349	0.31888023
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ENSMUSG00000023927	-0.5129683	7.92552175	0.14823827	0.31892174
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ENSMUSG00000028675	-0.5126763	7.73904711	0.14863568	0.31953753
ENSMUSG00000063894	-0.5169193	5.28949161	0.14868226	0.31957788
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ENSMUSG00000031133	-0.5111097	8.41598558	0.14950286	0.32070912
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ENSMUSG00000029221	-0.5123652	6.84448477	0.14965917	0.32089762
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ENSMUSG00000029177	-0.50481	5.66519135	0.1578886	0.33119151
ENSMUSG00000070691	0.50248463	6.37218904	0.15796768	0.33129694
ENSMUSG00000055491	0.50324543	6.17389196	0.1580634	0.33138779
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ENSMUSG00000025525	-0.5177437	3.93979442	0.15816664	0.33153275
ENSMUSG00000020224	0.50770455	4.49631768	0.15829491	0.33174111
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ENSMUSG00000024975	-0.4999753	7.7886618	0.15883735	0.33257635
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ENSMUSG00000078994	-0.5061742	4.77148741	0.159029	0.33271108
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ENSMUSG00000057551	-0.501601	6.13007977	0.15980468	0.33371146
ENSMUSG00000045427	-0.498697	7.92380937	0.15981571	0.33371146
ENSMUSG00000022508	0.49997199	6.96238236	0.15985151	0.33372559
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ENSMUSG00000020647	-0.4990467	6.59002747	0.16074392	0.33498031
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ENSMUSG00000041483	-0.4997954	6.03353407	0.16118956	0.33547113
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ENSMUSG00000037608	-0.4964417	8.62764705	0.16137519	0.33574802
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ENSMUSG00000039242	-0.5001087	5.80668832	0.16152405	0.33593612
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ENSMUSG00000023951	0.53941371	2.97598277	0.16222215	0.33696127
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ENSMUSG00000079108	-0.501085	5.20050897	0.16242302	0.33725661
ENSMUSG00000020525	-0.5002947	5.52452206	0.16256102	0.3374822
ENSMUSG00000019790	-0.4993447	5.52296352	0.16261656	0.33753653
ENSMUSG00000034868	0.49581368	7.18811179	0.16274874	0.3377018
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ENSMUSG00000026074	-0.4945438	7.43729469	0.16358817	0.33865894
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ENSMUSG00000094410	-0.4936104	8.73939414	0.16371577	0.33883917
ENSMUSG00000079083	-0.5014695	4.8518602	0.16377449	0.33889969
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ENSMUSG00000002996	-0.4940193	7.10573249	0.16428075	0.33964158
ENSMUSG00000037697	-0.4950951	6.2323883	0.16449619	0.34002584
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ENSMUSG00000030224	-0.4940219	7.01919013	0.16466601	0.3402545
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ENSMUSG00000024078	-0.502106	4.52598295	0.16528691	0.34119565
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ENSMUSG00000097177	-0.5472448	1.03979121	0.18368019	0.36516841
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ENSMUSG00000030960	-0.4865173	3.93636661	0.18431321	0.36592062
ENSMUSG00000042650	-0.4711699	7.3587774	0.1845185	0.36620311
ENSMUSG00000027248	-0.4701571	9.06812509	0.18451922	0.36620311
ENSMUSG00000056666	0.55534518	1.83576166	0.18461757	0.366328
ENSMUSG00000020152	-0.4698332	9.62786832	0.18464588	0.366328
ENSMUSG00000018340	0.47022886	8.12815324	0.18474515	0.36643482
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ENSMUSG00000042043	-0.4754067	5.43800538	0.18491658	0.36655444
ENSMUSG00000056602	-0.4723502	5.98001439	0.18493287	0.36655444
ENSMUSG00000024425	-0.4718534	6.48517057	0.1849504	0.36655444

ENSMUSG00000028284	-0.4710216	7.03149028	0.18495135	0.36655444
ENSMUSG00000002204	0.46984837	8.11548879	0.18510326	0.36679228
ENSMUSG000000041642	0.46980651	8.32802069	0.18518456	0.36689013
ENSMUSG000000022070	-0.4886723	3.2259984	0.18531008	0.36707555
ENSMUSG000000053799	-0.4711488	6.66250611	0.1853723	0.36709291
ENSMUSG000000037822	-0.469974	7.47984392	0.18538272	0.36709291
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ENSMUSG000000064370	-0.4684701	12.4221674	0.18567221	0.36736807
ENSMUSG000000033904	-0.4744155	5.19045119	0.18572367	0.36736807
ENSMUSG000000073016	-0.4766297	4.90083499	0.18575157	0.36736807
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ENSMUSG000000041685	-0.4703961	6.5319043	0.18601921	0.3675457
ENSMUSG000000038379	-0.5180186	2.25367876	0.18602704	0.3675457
ENSMUSG000000025228	0.4694809	7.02555551	0.18625485	0.36793255
ENSMUSG000000090035	-0.4743965	5.11540515	0.18640604	0.36805326
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ENSMUSG000000079659	-0.4705292	6.31611468	0.18643952	0.36805326
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ENSMUSG00000026887	-0.4745745	3.67780593	0.19657374	0.38008665
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ENSMUSG00000029471	0.46239103	5.48090791	0.19727575	0.38091696
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ENSMUSG00000038335	-0.4539559	6.61739304	0.20192553	0.38676564
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ENSMUSG00000033083	0.46790157	3.68031352	0.20455073	0.39058315
ENSMUSG00000055538	0.45473692	5.35976517	0.20498762	0.39135237
ENSMUSG00000070822	0.47507085	3.30651685	0.20516127	0.39161886
ENSMUSG00000004393	0.45520786	4.92177197	0.20527388	0.39171513
ENSMUSG00000018666	-0.4510274	6.51820861	0.20527985	0.39171513
ENSMUSG00000026358	0.45002139	7.15351962	0.20535777	0.39179877
ENSMUSG00000026999	-0.4670946	3.80198919	0.20590065	0.39276933
ENSMUSG00000017307	0.47329451	3.34725868	0.20601991	0.39293161
ENSMUSG00000095335	-0.4718149	3.51697399	0.20606069	0.39294419
ENSMUSG00000066568	-0.4485205	7.80269855	0.20611927	0.39299072
ENSMUSG00000026739	-0.4504448	6.1599237	0.20633237	0.39329303
ENSMUSG00000028803	0.44998212	6.27574471	0.20634626	0.39329303
ENSMUSG00000029833	-0.4490946	6.84552243	0.20644015	0.3933513
ENSMUSG00000026427	0.45331577	5.39253507	0.20644527	0.3933513
ENSMUSG00000026657	0.45886729	4.31452152	0.20655829	0.39350141
ENSMUSG00000051730	-0.4662529	3.70034672	0.20674037	0.3937361
ENSMUSG00000098178	0.44687868	10.3840814	0.20677655	0.3937361
ENSMUSG00000034858	-0.4482847	6.95170255	0.20678424	0.3937361
ENSMUSG00000064215	0.45176054	5.78024992	0.20683057	0.39375909
ENSMUSG00000090698	-0.4580593	4.60976654	0.20694589	0.3939134
ENSMUSG00000047945	0.44873621	6.92948913	0.20699349	0.39392621
ENSMUSG00000036810	-0.4525888	5.15624837	0.20702116	0.39392621
ENSMUSG00000032892	0.54960942	1.29580857	0.20711524	0.39402898
ENSMUSG00000047466	-0.4508182	5.81974921	0.20717888	0.39402898
ENSMUSG00000013736	-0.4490648	6.38800727	0.20721049	0.39402898
ENSMUSG00000090733	-0.4466276	9.63250781	0.20723262	0.39402898
ENSMUSG00000047030	0.45405863	4.80713556	0.20724656	0.39402898
ENSMUSG00000032360	-0.4884937	2.09794651	0.20740211	0.39423082
ENSMUSG00000025169	0.48489938	2.41286593	0.20744764	0.39423082
ENSMUSG00000032527	0.46280176	3.84515854	0.20748639	0.39423082
ENSMUSG00000052713	-0.4481886	6.75000805	0.2074899	0.39423082
ENSMUSG00000047045	0.4489095	6.07501638	0.20762008	0.39441296
ENSMUSG00000041057	-0.4473981	7.08351647	0.20788246	0.39484614
ENSMUSG00000037640	-0.4532788	4.96072557	0.20794406	0.39488529
ENSMUSG00000034595	0.44645082	7.67261273	0.20797177	0.39488529
ENSMUSG00000003623	-0.4497571	5.82866893	0.20802567	0.39492239
ENSMUSG00000037119	-0.4469819	6.9307328	0.20837861	0.39552711
ENSMUSG00000098374	-0.4622551	3.49994908	0.20854217	0.39577221

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ENSMUSG00000020952	-0.4483079	6.07890142	0.20873474	0.39587623
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ENSMUSG00000039997	-0.4449096	9.5179423	0.20897672	0.39620442
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ENSMUSG00000046201	-0.4454221	7.9571699	0.20906149	0.39623442
ENSMUSG00000027469	-0.4530992	4.88222587	0.20921854	0.39641253
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ENSMUSG00000022498	-0.4465462	6.28430535	0.2096633	0.39681182
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ENSMUSG00000033439	-0.4494243	5.03408954	0.21064067	0.39745805
ENSMUSG00000020064	-0.4436458	8.02725674	0.21079985	0.39769314
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ENSMUSG00000069808	0.52085166	1.78145247	0.21107708	0.39796323
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ENSMUSG00000026159	-0.4442563	6.89353899	0.21113069	0.3979907
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ENSMUSG00000076432	-0.4428016	7.47439758	0.21217697	0.39957287
ENSMUSG00000071014	-0.4633343	3.09498382	0.2121853	0.39957287
ENSMUSG00000033730	0.44737357	5.59583502	0.21221789	0.39957287
ENSMUSG00000025968	-0.4431576	7.0276254	0.21224811	0.39957287
ENSMUSG00000002342	0.45274731	4.30844061	0.21236036	0.39971873
ENSMUSG00000036943	-0.4429541	6.9792656	0.21250538	0.39988366
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ENSMUSG00000025433	-0.453947	4.0606914	0.21261636	0.39993865
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ENSMUSG00000054509	-0.4406735	7.73159176	0.21400977	0.40144294
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ENSMUSG00000018548	-0.4460325	5.11203875	0.21419195	0.40154905
ENSMUSG00000086825	-0.4404206	7.63692158	0.21420607	0.40154905
ENSMUSG00000015112	0.53216513	1.45876423	0.21436081	0.40177361
ENSMUSG00000022462	-0.4396408	9.35348448	0.21441948	0.40181805
ENSMUSG00000041058	-0.4438349	5.45660716	0.21446296	0.40183403
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ENSMUSG00000024188	-0.4402165	7.29104877	0.21499378	0.40253069
ENSMUSG00000014867	0.44053796	6.93050998	0.21505147	0.40253069
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ENSMUSG00000002486	0.44903272	4.56663159	0.21540885	0.40288395
ENSMUSG00000026202	0.43948535	6.99776303	0.21568765	0.40333977
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ENSMUSG00000074781	-0.4400583	6.47779404	0.21645209	0.40411187
ENSMUSG00000030276	0.45866489	3.70932773	0.21663196	0.40433113
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ENSMUSG00000005501	-0.4431967	5.16462416	0.21672098	0.40441683
ENSMUSG00000007033	0.48036115	2.24652697	0.21683033	0.40455521
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ENSMUSG00000076547	-0.4693186	2.5335317	0.21755741	0.40512269
ENSMUSG00000034751	-0.4382123	6.49558156	0.21780848	0.40552453
ENSMUSG00000060681	-0.4433773	4.66463889	0.21791111	0.40564991
ENSMUSG00000023044	0.47682925	2.99004555	0.21805785	0.40579912
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ENSMUSG00000025198	-0.4398816	5.95691244	0.21823728	0.4059941
ENSMUSG00000026843	0.45060373	4.20199588	0.21856266	0.40653362
ENSMUSG00000027478	-0.4572018	3.19782441	0.21870696	0.4067362
ENSMUSG00000085622	-0.4523919	3.86156416	0.21899588	0.40720764
ENSMUSG00000023170	0.43883461	5.70189741	0.21903848	0.40722098
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ENSMUSG00000022217	0.51660352	1.77535894	0.21992855	0.40821551
ENSMUSG00000040818	-0.4356133	7.123428	0.2200062	0.40829371
ENSMUSG00000035944	0.4433713	4.42634123	0.22007974	0.40836427
ENSMUSG00000005506	-0.4345286	8.34038212	0.22013581	0.40840238
ENSMUSG00000039217	0.4617725	3.45949432	0.22018053	0.40841942
ENSMUSG00000041126	0.44787049	3.91105167	0.22037094	0.40867841
ENSMUSG00000021357	-0.4359295	6.52595104	0.22039126	0.40867841
ENSMUSG00000035150	-0.4344399	7.96104962	0.2204557	0.40873198
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ENSMUSG00000063362	-0.4409705	4.87668658	0.22073483	0.40911753
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ENSMUSG00000039001	0.4344606	7.50485401	0.22098905	0.4093247
ENSMUSG00000021243	-0.4392108	5.23753353	0.22102567	0.40932658
ENSMUSG00000012350	0.53049277	1.12937693	0.22111267	0.40935397
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ENSMUSG00000033594	0.48929711	1.90174802	0.22146014	0.40956586
ENSMUSG00000033068	0.43785769	5.30642561	0.22147554	0.40956586
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ENSMUSG00000006134	-0.4341824	6.8191771	0.22208007	0.41014705
ENSMUSG00000037336	0.44152246	4.46623183	0.22212934	0.41014705
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ENSMUSG00000009640	0.44791071	3.77372665	0.22244649	0.41056879
ENSMUSG00000094124	-0.4598506	2.65474698	0.2227062	0.41098214

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ENSMUSG00000028826	-0.433494	6.06988615	0.22374023	0.4125078
ENSMUSG00000049323	-0.4314777	7.75167535	0.22374353	0.4125078
ENSMUSG00000001785	-0.4345269	5.74594672	0.22375642	0.4125078
ENSMUSG00000038806	-0.4325103	6.57285458	0.22378413	0.4125078
ENSMUSG00000028409	-0.4321975	6.95244891	0.2238989	0.41263969
ENSMUSG00000097743	-0.4395833	4.762788	0.22392748	0.41263969
ENSMUSG00000030301	0.44264736	3.77036512	0.22402578	0.41275466
ENSMUSG00000034636	-0.4314751	7.32466015	0.2241702	0.41295456
ENSMUSG00000032621	-0.4326055	6.32018712	0.22421939	0.41297899
ENSMUSG00000029552	0.43350503	5.94544896	0.22448272	0.41339777
ENSMUSG00000047832	0.43626759	4.98065387	0.2245953	0.41348851
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ENSMUSG00000042063	-0.4364698	4.91417534	0.22464233	0.41349296
ENSMUSG00000059689	0.45058724	3.20962585	0.22471647	0.41356321
ENSMUSG00000024319	0.43334125	5.79325648	0.22492584	0.41388227
ENSMUSG00000038489	0.48752907	1.69671212	0.22497038	0.41389798
ENSMUSG00000035764	-0.4363233	4.98108539	0.2250694	0.41401389
ENSMUSG00000097101	0.51119865	1.11432393	0.22517552	0.41414282
ENSMUSG00000030123	0.44062201	4.38082563	0.22531194	0.41426788
ENSMUSG00000035311	-0.4307052	6.90994445	0.2253156	0.41426788
ENSMUSG00000032280	0.43025003	7.2987797	0.22547265	0.41449035
ENSMUSG00000061731	0.45165874	3.49892656	0.22559777	0.41461688
ENSMUSG00000023216	-0.4335235	5.80315059	0.22561362	0.41461688
ENSMUSG00000000088	-0.4322808	6.10217368	0.22569926	0.41466505
ENSMUSG00000018415	-0.4333373	5.69513404	0.22571198	0.41466505
ENSMUSG00000033793	-0.4321158	5.99567179	0.22582661	0.41480935
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ENSMUSG00000020752	0.43181884	6.00396805	0.2261772	0.41532059
ENSMUSG00000046404	-0.4332576	5.38138203	0.22639762	0.41565894
ENSMUSG00000031425	-0.4554276	2.84768106	0.22644783	0.41568474
ENSMUSG00000036430	0.47414459	2.093591	0.22656237	0.41582858
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ENSMUSG00000031529	-0.4306407	6.16909949	0.22675526	0.41600259
ENSMUSG00000020453	0.43150935	5.59425661	0.22679812	0.41600259
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ENSMUSG00000005674	0.41909538	4.50993334	0.24496413	0.43663556
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ENSMUSG00000003849	-0.4906968	1.58301214	0.24522539	0.43673318
ENSMUSG00000048106	0.49746336	1.46468137	0.24524759	0.43673318
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ENSMUSG00000053453	-0.4163238	5.40175612	0.24551699	0.43694346
ENSMUSG00000034801	-0.413603	6.27416599	0.24555651	0.43694615
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ENSMUSG00000096715	-0.4215289	4.31582095	0.2461372	0.43777613
ENSMUSG00000017707	-0.4098345	11.2436527	0.24675138	0.4388006
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ENSMUSG00000026374	-0.4107934	6.99513088	0.24753723	0.43978987
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ENSMUSG00000035351	-0.4314748	3.03303389	0.24909163	0.44169247
ENSMUSG00000047215	-0.4079332	9.92905677	0.24910764	0.44169247
ENSMUSG00000032121	-0.4915999	1.36799252	0.24947515	0.44227588
ENSMUSG00000026142	-0.4144732	4.92720093	0.24951908	0.44228555
ENSMUSG00000057531	0.42219455	3.88498575	0.24961312	0.44232924
ENSMUSG00000021222	0.42747422	3.40206153	0.24962068	0.44232924

ENSMUSG00000030782	-0.4784606	1.27280517	0.24969421	0.44237054
ENSMUSG00000027942	-0.4088622	6.97858082	0.24972096	0.44237054
ENSMUSG00000001228	0.41307499	5.09356399	0.24998026	0.44276164
ENSMUSG00000025967	-0.4072721	9.18884052	0.25004482	0.44280777
ENSMUSG00000097059	-0.4799155	0.97205629	0.25009589	0.44282998
ENSMUSG00000006315	0.41840565	4.11283497	0.25042559	0.44334547
ENSMUSG00000028070	0.41626146	4.28833189	0.25056085	0.44349693
ENSMUSG00000027184	-0.4068708	8.95679091	0.2505883	0.44349693
ENSMUSG00000063253	-0.4179968	4.44207729	0.25066605	0.44356624
ENSMUSG00000060038	0.41550056	4.65017997	0.25080374	0.44374158
ENSMUSG00000015355	-0.4073785	7.44454248	0.25092059	0.44388
ENSMUSG00000015133	0.40978342	5.82828597	0.25105899	0.44405648
ENSMUSG00000024991	-0.4063498	9.19145954	0.25110315	0.44406626
ENSMUSG00000062647	0.41055168	5.50052631	0.25135017	0.44443034
ENSMUSG00000006398	0.42999753	3.12543213	0.25138635	0.44443034
ENSMUSG00000021704	-0.4119249	4.83162913	0.25145793	0.44447316
ENSMUSG00000041852	-0.4065011	7.75629058	0.25152317	0.44447316
ENSMUSG00000002885	0.40613338	8.98358299	0.25155873	0.44447316
ENSMUSG00000027206	-0.4081752	6.34815584	0.25156524	0.44447316
ENSMUSG00000076655	-0.4175478	4.30009896	0.25167459	0.44459804
ENSMUSG00000059981	0.40730155	6.79096764	0.25181265	0.44477357
ENSMUSG00000014592	-0.4231956	3.51956761	0.25203932	0.44510554
ENSMUSG00000069910	-0.4216895	3.50885257	0.25212339	0.44518561
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ENSMUSG00000021816	-0.40611	7.24407302	0.25248161	0.44568123
ENSMUSG00000026456	0.41130495	5.20029256	0.25259096	0.44580578
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ENSMUSG00000041351	-0.4856531	1.57813312	0.25276149	0.44596982
ENSMUSG00000037280	0.40784794	6.04477516	0.25285951	0.44607428
ENSMUSG00000001441	-0.4065829	6.65164617	0.25290999	0.44609488
ENSMUSG00000020721	-0.4060107	6.87083191	0.25298818	0.44616433
ENSMUSG00000021116	-0.4067016	6.52459403	0.25309648	0.44628687
ENSMUSG00000047719	0.41570375	3.94781748	0.25316034	0.446331
ENSMUSG00000032673	-0.4161394	4.1032104	0.25328031	0.44647402
ENSMUSG00000058503	-0.4098384	5.37310591	0.25338963	0.44658823
ENSMUSG00000025903	-0.4073337	5.95851129	0.25342279	0.44658823
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ENSMUSG00000055371	-0.4053866	5.55821054	0.25674067	0.44995182
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ENSMUSG00000021607	-0.413088	4.21194342	0.25764849	0.45099275
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ENSMUSG00000018377	-0.4013614	7.26846619	0.25829158	0.45170696
ENSMUSG00000044763	-0.4057159	5.31923276	0.25829568	0.45170696

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ENSMUSG00000023206	0.42328189	3.47673558	0.25894658	0.45210111
ENSMUSG00000063564	0.42461871	2.27883269	0.2589503	0.45210111
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ENSMUSG00000026134	-0.4086335	4.22384611	0.25947781	0.45281577
ENSMUSG00000048965	0.40707372	4.45492717	0.25954635	0.45286662
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ENSMUSG00000035726	-0.3994759	7.76523182	0.25992518	0.45327742
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ENSMUSG00000084803	-0.4158832	2.23520406	0.26165572	0.45482815
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ENSMUSG00000036225	0.44917509	2.1264694	0.26353807	0.45651207
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ENSMUSG00000002748	-0.3959675	8.58149343	0.26358161	0.45651207
ENSMUSG00000049764	-0.3997184	5.60721981	0.26363771	0.45654044
ENSMUSG00000052763	0.40273983	4.7248992	0.26369358	0.45656842
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ENSMUSG00000038485	-0.3987203	5.86246486	0.26397396	0.45690117
ENSMUSG00000000902	0.39767801	6.31426423	0.26400501	0.45690117
ENSMUSG00000030861	-0.4041432	4.57094823	0.26432887	0.4573928
ENSMUSG00000048175	0.4075638	4.11792777	0.26455364	0.45771285
ENSMUSG00000025781	-0.3958489	7.37777113	0.26465038	0.45781131
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ENSMUSG00000024213	0.39913875	5.08716162	0.26616948	0.45974728
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ENSMUSG00000027598	-0.3925123	7.93069516	0.26813883	0.46217662
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ENSMUSG00000087266	-0.4207285	2.5059122	0.26922205	0.46349226
ENSMUSG00000029475	-0.3932691	6.16785693	0.26922469	0.46349226
ENSMUSG00000016831	-0.3919575	7.4260467	0.26928385	0.46352046
ENSMUSG00000032615	0.41964932	2.90147065	0.26932172	0.46352046
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ENSMUSG00000026187	-0.3939679	5.6338665	0.27043769	0.46488429
ENSMUSG00000039457	-0.4078968	3.5534671	0.27060042	0.46509447
ENSMUSG00000025237	-0.392455	6.27375298	0.27065735	0.46512278
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ENSMUSG00000029048	-0.3916258	6.67810104	0.27079173	0.4652146
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ENSMUSG00000014748	0.39265807	5.92483824	0.2709319	0.4653057
ENSMUSG00000025264	-0.3960216	4.92538581	0.27096619	0.4653057
ENSMUSG00000032212	-0.3901381	7.76366632	0.2711669	0.4655808
ENSMUSG00000034863	0.41512576	3.17250243	0.27146502	0.46602305
ENSMUSG00000020677	-0.3909573	6.63829993	0.27151388	0.46603733
ENSMUSG00000024081	-0.3899413	7.42885371	0.2718008	0.46640587
ENSMUSG00000027673	-0.3930661	5.661264	0.27180974	0.46640587
ENSMUSG00000024844	0.39265079	5.35411985	0.27190456	0.46649895
ENSMUSG00000031782	0.39825375	4.47511628	0.27231125	0.46712697
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ENSMUSG00000029390	-0.3891629	7.52840451	0.27262308	0.46752234
ENSMUSG00000021711	-0.3932343	5.31225113	0.27272473	0.46756345
ENSMUSG00000062190	-0.3994685	4.13905356	0.27273722	0.46756345
ENSMUSG00000034723	-0.3915286	5.86533801	0.27276908	0.46756345
ENSMUSG00000033653	-0.391332	5.74380153	0.27284675	0.46762686
ENSMUSG00000047617	0.40059339	4.15186408	0.27324884	0.46824618
ENSMUSG00000027884	-0.3914354	5.54613759	0.27351815	0.46863783
ENSMUSG00000022962	0.39006916	6.09879436	0.27356121	0.46864175
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ENSMUSG00000054455	0.3927135	5.39222911	0.2736732	0.4686939
ENSMUSG00000087396	-0.4065235	3.12529452	0.27373541	0.4687306
ENSMUSG00000024127	-0.3913502	5.56346913	0.27378614	0.46874764
ENSMUSG00000019578	0.39450556	4.96367456	0.27387447	0.46882904
ENSMUSG00000018736	-0.3895461	6.11289871	0.2740776	0.46892713
ENSMUSG00000051427	0.41397569	3.39933029	0.27410704	0.46892713
ENSMUSG00000028271	-0.3909148	5.63872092	0.27414494	0.46892713
ENSMUSG00000020917	0.3876011	7.87091618	0.27417285	0.46892713
ENSMUSG00000025287	-0.3912103	5.42481008	0.27418039	0.46892713
ENSMUSG00000039308	0.39145105	5.56856675	0.27418717	0.46892713
ENSMUSG00000028013	-0.3961349	4.36451739	0.27421732	0.46892713
ENSMUSG00000040102	-0.3912181	5.5446378	0.2743262	0.46904354
ENSMUSG00000020089	-0.3992319	4.16049697	0.27442353	0.46907993
ENSMUSG00000042625	0.38783024	7.47902008	0.2744291	0.46907993
ENSMUSG00000021774	-0.39056	5.68283343	0.27468291	0.46940171
ENSMUSG00000038369	-0.3878599	6.84596673	0.27469902	0.46940171
ENSMUSG00000069565	0.39085967	5.40791525	0.27480661	0.46950239
ENSMUSG00000048076	0.38735249	7.43388607	0.27483963	0.46950239
ENSMUSG00000032215	-0.3932101	5.07610802	0.27489363	0.46952486
ENSMUSG00000078622	-0.3878123	6.92110615	0.27503233	0.46969198
ENSMUSG00000020893	0.38759366	7.25351405	0.27515218	0.46978811
ENSMUSG00000047804	-0.3876317	6.87419362	0.27517037	0.46978811
ENSMUSG00000023965	-0.390813	5.47349773	0.27524677	0.46980013
ENSMUSG00000095565	0.42016235	2.70555503	0.27525915	0.46980013
ENSMUSG00000038024	-0.3883339	6.24762057	0.27532832	0.46984843
ENSMUSG00000034135	0.38949119	5.60793179	0.27545512	0.46999505
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ENSMUSG00000066175	0.51892393	0.81494003	0.27563466	0.47016181
ENSMUSG00000040532	0.39668233	4.22608487	0.27568771	0.47018253
ENSMUSG00000028447	0.39979688	3.65325134	0.27577342	0.47025894
ENSMUSG00000039117	-0.3888381	5.69242465	0.27614239	0.47081827
ENSMUSG00000025223	0.38620458	7.44807286	0.27629238	0.47100414
ENSMUSG00000039176	0.386869	6.81262419	0.27638197	0.471087
ENSMUSG00000054920	0.39204506	5.06110305	0.27650388	0.47112234

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ENSMUSG00000087128	-0.4486065	1.55076653	0.27654627	0.47112234
ENSMUSG00000030612	0.39667202	3.44681061	0.27656664	0.47112234
ENSMUSG00000042660	0.39441531	4.2155833	0.27667448	0.47123621
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ENSMUSG00000039031	-0.39057	5.05994083	0.27703503	0.47171051
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ENSMUSG00000028683	-0.391965	4.61556258	0.27761076	0.47241091
ENSMUSG00000033970	-0.3914101	4.89587654	0.27770395	0.47249297
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ENSMUSG00000058704	-0.390079	4.8800213	0.27792959	0.47254346
ENSMUSG00000051335	-0.4063202	3.18456477	0.27798212	0.47254346
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ENSMUSG00000040359	-0.386057	6.42217219	0.27801753	0.47254346
ENSMUSG00000026872	0.38581141	6.88637049	0.27806775	0.47254739
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ENSMUSG00000024251	-0.3855098	6.43147645	0.27838562	0.47295931
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ENSMUSG00000047462	0.43293473	2.28506885	0.27889525	0.47336759
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ENSMUSG00000076587	-0.4043703	3.25106439	0.27908475	0.4734815
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ENSMUSG00000019188	0.38494947	6.36830889	0.27956004	0.4738576
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ENSMUSG00000086236	-0.426755	1.73924588	0.28004634	0.47449329
ENSMUSG00000017286	-0.3866651	5.55994244	0.28008567	0.47449329
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ENSMUSG00000025872	0.38860808	4.65974543	0.28015537	0.47449329
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ENSMUSG00000070407	-0.3968988	3.46729248	0.28058497	0.47493546
ENSMUSG00000020541	-0.4152788	2.71838616	0.28061109	0.47493546
ENSMUSG00000065954	-0.3825082	7.74329035	0.28062302	0.47493546
ENSMUSG00000033450	-0.382232	8.27364373	0.28069838	0.4749648
ENSMUSG00000038002	-0.3832058	6.9424804	0.28072299	0.4749648
ENSMUSG00000030421	-0.385252	5.60595918	0.28096061	0.47529686
ENSMUSG00000026248	0.39756878	3.71227011	0.28121745	0.47560535
ENSMUSG00000027709	-0.3854767	5.38888291	0.28122571	0.47560535
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ENSMUSG00000073155	0.38959584	4.75567638	0.28163322	0.4759444
ENSMUSG00000036822	-0.3823955	6.95688302	0.28171993	0.47595559
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ENSMUSG00000020075	-0.381198	8.38077688	0.28189279	0.47595559
ENSMUSG00000002870	0.38391743	5.8563138	0.28192608	0.47595559
ENSMUSG00000031781	0.38924237	4.71366789	0.28194088	0.47595559
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ENSMUSG00000021275	0.39583239	3.92896395	0.28221737	0.47623146
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ENSMUSG00000026743	-0.3812262	7.08332669	0.28288532	0.47689438
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ENSMUSG00000020248	-0.382649	5.89805753	0.28401332	0.47820904
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ENSMUSG00000015522	-0.3772523	6.89962317	0.28812306	0.4824435
ENSMUSG00000071669	0.37956416	6.01258392	0.28819585	0.4824777
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ENSMUSG00000055334	-0.3933801	3.51476488	0.28834065	0.48259694
ENSMUSG00000029730	0.37759278	6.27229847	0.28870039	0.4831287
ENSMUSG00000025135	0.3954851	3.69277093	0.2888751	0.48335069
ENSMUSG00000037124	0.43374628	1.82701035	0.28896273	0.48338522
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ENSMUSG00000030527	0.38548911	4.70860712	0.28937905	0.48391216

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ENSMUSG00000038861	0.3765145	6.6089432	0.28949302	0.48396193
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ENSMUSG00000022685	-0.3774212	5.74329534	0.29036923	0.48493306
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ENSMUSG00000038312	0.37723628	5.56007994	0.29152553	0.4858141
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ENSMUSG00000027227	0.38924719	3.72460413	0.29275143	0.4869489
ENSMUSG00000018909	0.37350543	7.4079347	0.2927624	0.4869489
ENSMUSG00000021982	-0.379113	4.73384261	0.29281175	0.48696051
ENSMUSG00000029501	-0.3730451	7.55755215	0.29287612	0.4869971
ENSMUSG00000031928	-0.3747884	6.11678835	0.29300216	0.48707704
ENSMUSG00000022704	-0.3767304	5.34089342	0.29300894	0.48707704
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ENSMUSG00000031629	-0.4099323	2.0788073	0.29323049	0.48723481

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ENSMUSG00000090213	0.37821316	5.00308304	0.2933437	0.48729097
ENSMUSG00000026837	0.46152029	1.42685206	0.29334959	0.48729097
ENSMUSG00000027203	-0.3783647	5.08582749	0.29375047	0.48788638
ENSMUSG00000022372	-0.3717457	8.75511988	0.29384099	0.48790338
ENSMUSG00000041740	0.372401	7.26256194	0.29386549	0.48790338
ENSMUSG00000070315	0.39413526	3.45964002	0.29396925	0.48790338
ENSMUSG00000037754	-0.3718863	8.06315365	0.29401277	0.48790338
ENSMUSG00000026348	-0.4823988	1.06121771	0.29401537	0.48790338
ENSMUSG00000037216	0.45058565	1.07965759	0.29401537	0.48790338
ENSMUSG00000009863	0.3756813	5.40277124	0.29414164	0.48804246
ENSMUSG00000039697	-0.3738144	6.07753602	0.29444406	0.48847373
ENSMUSG00000034544	-0.3800746	4.46333592	0.29450173	0.48849889
ENSMUSG00000047867	-0.370824	10.0637548	0.29460251	0.48859556
ENSMUSG00000039556	0.43066402	2.12101116	0.29486391	0.48895855
ENSMUSG00000027828	-0.3713384	7.53929099	0.29512333	0.48924787
ENSMUSG00000024145	-0.3976959	2.58733839	0.29512351	0.48924787
ENSMUSG00000008683	-0.3704276	9.72711209	0.2952075	0.48925438
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ENSMUSG00000019806	-0.3772432	4.36730283	0.29577568	0.49004633
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ENSMUSG00000059208	-0.3699197	8.18935628	0.29644967	0.49088683
ENSMUSG00000044221	-0.3715904	6.41314478	0.29650405	0.49088683
ENSMUSG00000031447	0.3700226	7.98402343	0.29652027	0.49088683
ENSMUSG00000030884	-0.3703438	7.42605214	0.2965392	0.49088683
ENSMUSG00000026469	-0.3706997	6.81514761	0.29663348	0.49097219
ENSMUSG00000018654	-0.3692948	9.48062305	0.29670983	0.49097627
ENSMUSG00000020876	0.3738015	5.48555173	0.29675188	0.49097627
ENSMUSG00000074093	0.39864051	2.54683879	0.29676409	0.49097627
ENSMUSG00000029790	-0.3861418	3.5035851	0.29689926	0.49112923
ENSMUSG00000022364	-0.380852	4.22002986	0.29698272	0.49116847
ENSMUSG00000057858	-0.3742316	5.26992259	0.29700844	0.49116847
ENSMUSG00000022370	-0.3755371	4.80370918	0.29719287	0.49122786
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ENSMUSG00000022403	-0.3699679	7.71995135	0.29721529	0.49122786
ENSMUSG00000022702	0.39065106	3.58138403	0.29731995	0.4913302
ENSMUSG00000032637	0.36923876	8.24254707	0.29737006	0.49134236
ENSMUSG00000041912	0.41823342	2.34065488	0.2976008	0.49165294
ENSMUSG00000033949	-0.3742477	4.35243681	0.29770357	0.49175206
ENSMUSG00000067931	-0.4036211	2.38359364	0.29792802	0.4920521

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ENSMUSG00000097154	-0.3974227	2.2508373	0.29826944	0.49237509
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ENSMUSG00000014195	-0.3678411	8.93600071	0.29882488	0.49303746
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ENSMUSG00000013593	0.36791428	6.57418792	0.30033675	0.49446733
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ENSMUSG00000047205	0.37908456	3.8858022	0.31263987	0.50559866
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ENSMUSG00000021253	0.40060261	2.62962142	0.31530044	0.50874876
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ENSMUSG00000059772	0.39555186	2.40378519	0.31565696	0.50904556
ENSMUSG00000036104	-0.3560538	7.09960635	0.31578943	0.50918723
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ENSMUSG00000030724	0.35350202	10.9108745	0.31755353	0.51052837
ENSMUSG00000035929	0.35406396	8.25234065	0.31760227	0.51053533
ENSMUSG00000029623	0.35815361	5.16729091	0.31779824	0.51077891
ENSMUSG00000027170	-0.3547951	6.90443575	0.31789372	0.51078978
ENSMUSG00000019978	-0.354328	7.24163641	0.31789387	0.51078978
ENSMUSG00000026578	-0.3670422	3.73258861	0.31802712	0.51093246
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ENSMUSG00000032705	-0.3554334	5.47428112	0.3205278	0.51370109
ENSMUSG00000050621	-0.3516984	8.86321012	0.32056151	0.51370109
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ENSMUSG00000045464	-0.3751918	3.20769262	0.32079019	0.51370109
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ENSMUSG00000042472	-0.3548989	5.62639967	0.32085991	0.51370109
ENSMUSG00000015671	-0.3527064	6.85124678	0.32086767	0.51370109
ENSMUSG00000015087	0.35396676	5.99133035	0.32092953	0.51372858
ENSMUSG00000033356	-0.3640921	3.52669865	0.32101417	0.51379252
ENSMUSG00000021451	0.35165957	7.95540016	0.32115083	0.51393969
ENSMUSG00000033623	-0.3547758	5.4768369	0.32134876	0.51415486
ENSMUSG00000059552	0.35202985	6.93709557	0.32137475	0.51415486
ENSMUSG00000053768	-0.3540153	5.96090091	0.32142912	0.5141703
ENSMUSG00000030279	-0.3528373	6.13565059	0.32161773	0.51434214
ENSMUSG00000056121	0.36517849	3.86467653	0.32162604	0.51434214
ENSMUSG00000027263	-0.3519067	6.84410948	0.32177965	0.51444809
ENSMUSG00000036403	-0.3529798	6.14239791	0.3217818	0.51444809
ENSMUSG00000040463	0.35105731	7.6674985	0.32190038	0.51454413
ENSMUSG00000039478	-0.360491	3.75360399	0.32193695	0.51454413
ENSMUSG00000091264	-0.362186	4.01143502	0.32197616	0.51454413
ENSMUSG00000092558	-0.3526582	6.13960406	0.32202707	0.51455396
ENSMUSG00000023460	-0.3561696	4.69711548	0.32216967	0.51471026
ENSMUSG00000034083	-0.3539765	5.50061871	0.32221506	0.51471124
ENSMUSG00000030788	-0.3530397	5.8252594	0.32226091	0.51471296
ENSMUSG00000008373	0.35402363	5.37533459	0.3224873	0.51488197
ENSMUSG00000003752	0.36184845	3.75191686	0.32250568	0.51488197
ENSMUSG00000027610	0.36893923	3.23397142	0.32253298	0.51488197
ENSMUSG00000033009	-0.3546525	5.29053512	0.32254589	0.51488197
ENSMUSG00000074826	-0.4527762	1.09636174	0.32262054	0.51488887
ENSMUSG00000029017	-0.3527851	5.96226627	0.3226398	0.51488887
ENSMUSG00000026632	-0.3625959	3.31853131	0.32271685	0.51494034
ENSMUSG00000035299	-0.3562271	3.85057588	0.32298163	0.5152913
ENSMUSG00000070427	0.38179539	2.79133207	0.32311797	0.51543729
ENSMUSG00000034235	-0.3599004	3.97534545	0.32316315	0.51543782
ENSMUSG00000012123	0.39512194	2.21294147	0.32326938	0.51553572
ENSMUSG00000033773	-0.3551772	4.91175259	0.32343484	0.51572805
ENSMUSG00000035227	-0.3509688	6.72623309	0.32364061	0.51598458
ENSMUSG00000024969	0.35043457	7.11300638	0.3237923	0.51615483
ENSMUSG00000028017	-0.4046159	1.70568983	0.32391749	0.51620184
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ENSMUSG00000073647	0.37814133	2.15543065	0.32397556	0.51620184
ENSMUSG00000020368	-0.3490697	9.20705572	0.32405064	0.51620184
ENSMUSG00000025270	-0.350034	7.3155913	0.32407145	0.51620184
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ENSMUSG00000029190	-0.3505549	6.45625372	0.32426508	0.51633566
ENSMUSG00000087174	-0.3542454	4.96234611	0.32431322	0.51634078
ENSMUSG00000076501	-0.3548517	5.12753758	0.32437664	0.51634667
ENSMUSG00000021737	-0.3514657	6.08390343	0.3244319	0.51634667
ENSMUSG00000001569	-0.3516544	5.930624	0.32445167	0.51634667
ENSMUSG00000027366	-0.3492625	7.47461446	0.32455259	0.51638338
ENSMUSG00000033075	-0.3495595	7.2507776	0.32456778	0.51638338
ENSMUSG00000026245	-0.3507205	6.34171047	0.32460951	0.51638338
ENSMUSG00000033060	-0.4096461	1.15073347	0.32467885	0.51642221
ENSMUSG00000026201	0.35160249	5.57070858	0.32486837	0.51663956
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ENSMUSG00000017119	-0.3488835	7.7046937	0.32507447	0.51683693
ENSMUSG00000037791	0.34955913	6.84847079	0.32514983	0.51688526
ENSMUSG00000025337	-0.3495662	6.67740284	0.32529561	0.5170455
ENSMUSG00000021555	-0.3506993	6.00244457	0.32549164	0.51728555
ENSMUSG00000021608	0.34845475	7.75809883	0.32557122	0.5173405
ENSMUSG00000033184	-0.3491547	6.88575703	0.32562776	0.51735882
ENSMUSG00000028121	0.34886804	7.03940086	0.3257094	0.51736049
ENSMUSG00000038280	-0.3501309	6.01956318	0.32571882	0.51736049
ENSMUSG00000076543	-0.3751207	2.63113139	0.32594115	0.51757307
ENSMUSG00000029456	0.37693815	2.96539107	0.32594271	0.51757307
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ENSMUSG00000028869	-0.3488167	6.52759425	0.32648978	0.51794819
ENSMUSG00000038225	-0.3499883	5.76385284	0.3265304	0.51794819
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ENSMUSG00000095519	-0.3825595	2.15533529	0.32658447	0.51794819
ENSMUSG00000034110	0.36743032	3.26180362	0.32672128	0.51809368
ENSMUSG00000064302	-0.3479686	7.19432349	0.32682657	0.51818917
ENSMUSG00000078546	-0.393176	1.40818195	0.32698347	0.51824482
ENSMUSG00000063694	-0.3526989	5.0125827	0.32706547	0.51824482
ENSMUSG00000023330	-0.3780614	2.75168464	0.32711335	0.51824482
ENSMUSG00000035575	-0.3491401	6.36842522	0.32712136	0.51824482
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ENSMUSG00000020610	-0.3524259	4.91202585	0.32713218	0.51824482
ENSMUSG00000029777	-0.3482698	6.82618021	0.32719056	0.51826587
ENSMUSG00000022969	0.34866535	6.40459607	0.32740155	0.51852864
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ENSMUSG00000035885	0.34942948	5.65796265	0.3277494	0.51886509

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ENSMUSG00000075419	0.37849189	2.44163998	0.32877027	0.51995445
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ENSMUSG00000021548	-0.3524615	4.72591885	0.32879938	0.51995445
ENSMUSG00000028322	-0.3537273	4.59935287	0.32903948	0.52026256
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ENSMUSG00000097141	0.41144333	1.82381248	0.32959371	0.52056605
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ENSMUSG00000048118	-0.3454185	7.55814479	0.32995081	0.52105847
ENSMUSG00000042453	0.37106263	3.25101899	0.33006685	0.52110264
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ENSMUSG00000060679	-0.3481454	4.70046181	0.33156781	0.52247091
ENSMUSG00000045382	-0.3434637	10.2744176	0.33157245	0.52247091
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ENSMUSG00000028243	-0.3485472	4.88770761	0.33260187	0.52363923
ENSMUSG00000039826	0.35016369	4.69370686	0.33271715	0.52363923
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ENSMUSG00000020376	-0.343735	6.80331712	0.33316303	0.52397168
ENSMUSG00000027739	-0.3465075	5.36065185	0.33326426	0.52405918
ENSMUSG00000015776	0.34742484	4.94651974	0.33341375	0.52422256
ENSMUSG00000031730	0.36009609	3.75956944	0.33349461	0.52427798
ENSMUSG00000040433	-0.3443818	5.89910373	0.3335856	0.5243493
ENSMUSG00000026463	-0.3466279	5.44472039	0.33372696	0.52447449
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ENSMUSG00000044352	-0.3704472	2.86235447	0.33411347	0.52470959
ENSMUSG00000021264	-0.3435943	6.57243944	0.33413434	0.52470959
ENSMUSG00000015247	-0.3463353	5.05838365	0.33477657	0.52564632
ENSMUSG00000051397	0.37043415	2.98818752	0.33496384	0.52586852
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ENSMUSG00000063882	-0.3419095	7.23746895	0.33550191	0.52656943
ENSMUSG00000026637	0.34333196	5.82397779	0.33574954	0.52688613
ENSMUSG00000042564	0.43886657	1.2619794	0.3358899	0.52703446
ENSMUSG00000027865	-0.345266	5.35926948	0.33594676	0.52705173
ENSMUSG00000038085	0.36039688	3.67247345	0.33621248	0.52727555
ENSMUSG00000003948	-0.3471822	4.80300545	0.33621689	0.52727555
ENSMUSG00000028982	-0.3649193	2.14362103	0.33622704	0.52727555
ENSMUSG00000047180	0.34057799	8.20149412	0.33627893	0.527285
ENSMUSG00000070336	-0.4478042	1.07252987	0.33643018	0.5274502
ENSMUSG00000026604	-0.343825	5.58081527	0.33655768	0.52757815
ENSMUSG00000030245	-0.3473408	4.5845971	0.3367398	0.52779166
ENSMUSG00000030493	0.35569573	3.30810749	0.33683023	0.52786142
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ENSMUSG00000000276	-0.3427169	5.47151177	0.3375314	0.52867195
ENSMUSG00000023032	0.35249729	4.33615268	0.33769036	0.52884887
ENSMUSG00000055707	0.37062105	2.81396876	0.3378355	0.5289088
ENSMUSG00000048490	-0.3414391	5.71897734	0.33785435	0.5289088
ENSMUSG00000027714	-0.3432493	5.37953984	0.33790176	0.5289088
ENSMUSG00000038803	0.34451076	5.13712476	0.33791268	0.5289088
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ENSMUSG00000000085	-0.3445192	4.62099305	0.33829368	0.52928895



ENSMUSG00000038663	0.39829498	1.62527562	0.33846015	0.52947647
ENSMUSG00000037376	-0.3416714	5.58159754	0.33850566	0.52947647
ENSMUSG00000038205	-0.3417243	5.7093431	0.33862227	0.52954787
ENSMUSG00000025728	0.33998464	6.96309238	0.33866972	0.52954787
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ENSMUSG00000025724	-0.3406716	6.19066057	0.3389793	0.52989746
ENSMUSG00000021665	-0.3392131	7.34016796	0.3390053	0.52989746
ENSMUSG00000026511	-0.3414529	5.67599474	0.33923236	0.53018028
ENSMUSG00000071415	-0.3378966	10.3027567	0.33944877	0.53044639
ENSMUSG00000094561	0.34207399	5.17848099	0.33954185	0.53051972
ENSMUSG00000066442	-0.3623288	2.71803761	0.33974944	0.53077193
ENSMUSG00000031631	-0.3405557	5.89331972	0.33979654	0.53077337
ENSMUSG00000035725	-0.3395303	6.24524261	0.34018248	0.53130402
ENSMUSG00000018102	-0.3543195	3.53261154	0.34047236	0.53168453
ENSMUSG00000018765	0.33905359	6.18395202	0.34083074	0.53217188
ENSMUSG00000019773	-0.3470246	4.24053549	0.3409201	0.53223911
ENSMUSG00000026229	-0.3384818	6.60038762	0.34115215	0.53239647
ENSMUSG00000029603	0.33907145	6.02984262	0.3411707	0.53239647
ENSMUSG00000005374	-0.3423972	4.93330357	0.34120494	0.53239647
ENSMUSG00000024592	-0.3442698	4.38287897	0.34123311	0.53239647
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ENSMUSG00000016552	0.34484079	4.69420889	0.34144579	0.53260614
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ENSMUSG00000039774	0.34279743	4.38110509	0.34227737	0.53327205
ENSMUSG00000025147	0.34840803	4.16346081	0.34228308	0.53327205
ENSMUSG00000032567	-0.3440217	4.53511297	0.34230965	0.53327205
ENSMUSG00000043131	-0.3360611	9.19584499	0.34233356	0.53327205
ENSMUSG00000041654	0.3676498	3.01253354	0.34234522	0.53327205
ENSMUSG00000031431	-0.3359649	9.35820427	0.34241435	0.53327205
ENSMUSG00000041915	-0.3376597	6.59261096	0.34247389	0.53327205
ENSMUSG00000020257	-0.3366375	7.64465607	0.34253684	0.53327205
ENSMUSG00000020078	-0.3379695	6.27473451	0.34254386	0.53327205
ENSMUSG00000028687	0.36394514	2.69104135	0.34261529	0.53327205
ENSMUSG00000012429	-0.3504758	3.74959921	0.34263818	0.53327205
ENSMUSG00000035376	-0.3455273	4.08972091	0.34264875	0.53327205
ENSMUSG00000060862	0.34075111	5.15878255	0.34297384	0.53370574
ENSMUSG00000020648	-0.3544095	3.44311421	0.343298	0.53413785
ENSMUSG00000040459	-0.336613	6.84685494	0.34334986	0.53414624
ENSMUSG00000021660	-0.3357116	8.0446738	0.34340348	0.53415737

ENSMUSG00000021965	-0.382675	1.93897275	0.34359047	0.53435793
ENSMUSG00000045404	0.39914251	1.74271556	0.34362539	0.53435793
ENSMUSG00000021619	-0.3536046	3.01018211	0.34380672	0.53449733
ENSMUSG00000023923	0.33624314	7.02095506	0.34383435	0.53449733
ENSMUSG00000024993	-0.3398878	5.00071531	0.34385453	0.53449733
ENSMUSG00000078143	-0.5048528	0.58078308	0.34401553	0.53467162
ENSMUSG00000086324	-0.3609669	3.03659632	0.34405967	0.53467162
ENSMUSG00000028470	0.36428477	2.67178208	0.34411071	0.53467281
ENSMUSG00000026925	0.33825296	5.62128794	0.34415347	0.53467281
ENSMUSG00000036377	0.41028633	1.78102305	0.34429168	0.53481525
ENSMUSG00000074269	0.45241451	0.93757734	0.34439689	0.53485528
ENSMUSG00000074582	-0.3355123	7.01868316	0.34444475	0.53485528
ENSMUSG00000023075	-0.3360058	6.84226376	0.34445703	0.53485528
ENSMUSG00000026659	-0.3419849	4.18381819	0.34450993	0.53486516
ENSMUSG00000059883	0.33983774	4.90362089	0.3446446	0.53487852
ENSMUSG00000001844	0.34424772	4.39622599	0.34467523	0.53487852
ENSMUSG00000037548	0.33439792	9.24045347	0.34467953	0.53487852
ENSMUSG00000002010	0.33550394	6.89067267	0.34470912	0.53487852
ENSMUSG00000047514	-0.3353143	7.18458096	0.34475119	0.53487852
ENSMUSG00000001767	-0.3368217	6.11535341	0.3448321	0.53493184
ENSMUSG00000067995	-0.3406994	4.60261427	0.34511978	0.53530587
ENSMUSG00000030417	-0.3398886	4.91539188	0.34531894	0.53554253
ENSMUSG00000037470	-0.3341727	7.98009625	0.34555187	0.53583148
ENSMUSG00000090625	0.41632698	1.03014976	0.34570006	0.53598897
ENSMUSG00000038718	0.34945788	3.08227092	0.34594511	0.53629657
ENSMUSG00000044795	-0.3439191	4.10015244	0.34615126	0.53649871
ENSMUSG00000025505	0.34668117	3.76566724	0.34616885	0.53649871
ENSMUSG00000030536	-0.3329528	10.1758207	0.34654133	0.53700359
ENSMUSG00000051154	-0.3359385	5.56829328	0.34693399	0.53753958
ENSMUSG00000018965	-0.3336747	7.53022254	0.34705809	0.5376594
ENSMUSG00000037313	-0.3374503	5.10344349	0.347208	0.53778879
ENSMUSG00000001542	-0.3348802	6.18202137	0.34723518	0.53778879
ENSMUSG00000058546	-0.3327899	8.33642051	0.34738472	0.53794791
ENSMUSG00000040282	-0.3534465	3.22363674	0.34752471	0.5380922
ENSMUSG00000046861	0.33474014	6.05522019	0.34757805	0.53810231
ENSMUSG00000018848	-0.3340759	6.45362324	0.34792095	0.538551
ENSMUSG00000022018	0.35974331	3.00855392	0.34796157	0.538551
ENSMUSG00000028643	0.35439778	3.16050713	0.34810044	0.53869339
ENSMUSG00000025439	-0.3346064	5.89034722	0.34870196	0.53948548
ENSMUSG00000027860	0.44199813	1.24935797	0.3487498	0.53948548
ENSMUSG00000027939	-0.342251	3.57030816	0.34875307	0.53948548
ENSMUSG00000082454	-0.3883305	1.59419827	0.34882588	0.5395255
ENSMUSG00000004394	0.33640983	5.12892746	0.3491498	0.53983446

ENSMUSG00000027496	0.34669393	3.52277001	0.34925632	0.53983446
ENSMUSG00000027746	-0.3352581	5.56707075	0.3492767	0.53983446
ENSMUSG00000022386	0.3452117	3.91819629	0.34931707	0.53983446
ENSMUSG00000030515	0.34234144	3.91658923	0.34931707	0.53983446
ENSMUSG00000034210	-0.333174	6.33026888	0.34931961	0.53983446
ENSMUSG00000038612	-0.331036	10.1366952	0.34935437	0.53983446
ENSMUSG00000020358	-0.3314598	8.23510423	0.34940631	0.53984214
ENSMUSG00000054381	0.34640147	3.55080186	0.34950878	0.53992789
ENSMUSG00000090115	-0.3497874	3.0264586	0.34960366	0.53998317
ENSMUSG00000042851	-0.334275	5.12159621	0.34968311	0.53998317
ENSMUSG00000034292	0.34612842	3.67977742	0.34970972	0.53998317
ENSMUSG00000021057	-0.3668453	2.24943434	0.34973247	0.53998317
ENSMUSG00000021120	-0.342248	4.2447881	0.35012381	0.5405148
ENSMUSG00000003778	-0.3310396	7.7293474	0.35023781	0.54061819
ENSMUSG00000030657	0.33691118	4.84076587	0.35052409	0.54098743
ENSMUSG00000058794	0.33715482	4.63482779	0.35063801	0.54107114
ENSMUSG00000005813	-0.3332054	5.86321522	0.35067246	0.54107114
ENSMUSG00000087305	-0.3483467	3.16332026	0.35074004	0.54110277
ENSMUSG00000023873	0.39713813	1.44877054	0.35092174	0.54131045
ENSMUSG00000045795	0.33565502	4.92815421	0.35112293	0.54154811
ENSMUSG00000021890	-0.3317491	6.50183636	0.35122303	0.54162983
ENSMUSG00000027706	-0.3310503	6.96383178	0.35129239	0.54166412
ENSMUSG00000028247	-0.3559483	2.68522164	0.35141552	0.54171975
ENSMUSG00000022749	-0.3323799	5.74132284	0.35142272	0.54171975
ENSMUSG00000051984	0.3981769	1.51575787	0.35151091	0.54177657
ENSMUSG00000026516	-0.3316461	6.26443601	0.35155385	0.54177657
ENSMUSG00000028986	-0.3386001	4.55030105	0.35195917	0.54228721
ENSMUSG00000026353	-0.3308417	6.82741837	0.35197955	0.54228721
ENSMUSG00000008475	-0.3293788	8.46484198	0.35224941	0.54257683
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ENSMUSG00000037601	-0.3353645	5.00436181	0.35247951	0.54272861
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ENSMUSG00000027427	-0.331745	5.73965005	0.35308052	0.54342185
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ENSMUSG00000021569	-0.3623991	2.45319216	0.3535202	0.54385904
ENSMUSG00000027628	0.33470404	4.6319283	0.35393892	0.54443034
ENSMUSG00000028309	-0.3283127	7.91050083	0.35422384	0.54479569
ENSMUSG00000073139	-0.3326397	5.15642879	0.35503915	0.54587158
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ENSMUSG00000044201	-0.3752472	1.9778827	0.35530656	0.54601198
ENSMUSG00000021938	-0.3295385	5.7309098	0.35534716	0.54601198
ENSMUSG00000036819	-0.3336333	4.85744463	0.35547956	0.54614242
ENSMUSG00000043872	-0.3335083	4.74453986	0.35569861	0.54640593
ENSMUSG00000029465	0.32758648	7.25602509	0.35583379	0.54654055
ENSMUSG00000022827	-0.338623	3.82400812	0.35589274	0.54655806
ENSMUSG00000044340	-0.3305426	5.46363032	0.35596191	0.54659126
ENSMUSG00000035139	0.33021969	5.74042132	0.35603385	0.5466287
ENSMUSG00000038417	-0.3293719	5.85132628	0.35609367	0.54664753
ENSMUSG00000024622	0.32927349	5.75954281	0.35625641	0.54677613
ENSMUSG00000037815	0.32895923	6.05631282	0.35627257	0.54677613
ENSMUSG00000046157	0.3274864	6.82427604	0.35653979	0.54704037
ENSMUSG00000085609	-0.3708346	1.65802206	0.35653992	0.54704037
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ENSMUSG00000020227	-0.3279465	6.48985169	0.35669224	0.547128
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ENSMUSG00000078941	-0.3468315	3.09253983	0.35690135	0.5472297
ENSMUSG00000000751	-0.3267332	7.36256737	0.35701702	0.54732452
ENSMUSG00000044827	-0.326308	7.96632428	0.35705842	0.54732452
ENSMUSG00000034848	-0.3376603	4.13509594	0.35717001	0.54742257
ENSMUSG00000026709	-0.330773	5.03189769	0.35732925	0.54759362
ENSMUSG00000033688	0.34567177	3.25734171	0.35752799	0.54782515
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ENSMUSG00000042502	0.32674596	6.61846838	0.35793728	0.54830611
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ENSMUSG00000040331	-0.325835	6.54256578	0.35947619	0.54985746
ENSMUSG00000005470	-0.3340642	4.34830534	0.35964995	0.54995347
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ENSMUSG00000030751	-0.3247144	6.95854457	0.36066674	0.55101862
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ENSMUSG00000038628	-0.3302482	4.72778507	0.36146678	0.55187417
ENSMUSG00000032383	0.32361644	7.23885109	0.36158962	0.5519884
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ENSMUSG00000025486	0.34853699	2.57538015	0.3619917	0.55223552
ENSMUSG00000000420	-0.3226694	8.39770865	0.36218245	0.55245319
ENSMUSG00000001416	-0.3228762	8.03070357	0.36243051	0.55275822
ENSMUSG00000025364	-0.3229087	7.5068909	0.36256872	0.5528235
ENSMUSG00000033952	-0.3323709	4.08370502	0.3625695	0.5528235
ENSMUSG00000027593	0.32313652	6.6946578	0.36291176	0.55323163
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ENSMUSG00000054733	0.33441283	3.84034268	0.36338324	0.55364838
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ENSMUSG00000031776	0.32402322	5.86140986	0.36363909	0.55371988
ENSMUSG00000028455	0.32710727	4.86611409	0.36369381	0.55372985
ENSMUSG00000023036	0.37805974	1.92842508	0.36382368	0.55385422
ENSMUSG00000029144	-0.3230544	6.38305465	0.36399256	0.55403793
ENSMUSG00000078153	-0.3275338	4.7141785	0.36408949	0.5541121
ENSMUSG00000056770	-0.3226235	6.45805651	0.36424548	0.55426353
ENSMUSG00000033713	-0.3229605	6.01225613	0.36428543	0.55426353
ENSMUSG00000025173	-0.3239538	5.64995698	0.36445445	0.55444731
ENSMUSG00000029518	0.32268103	6.19275293	0.3647325	0.55466138
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ENSMUSG00000038642	0.32056858	9.64814188	0.36484093	0.55466822
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ENSMUSG00000029670	-0.3236562	5.62717486	0.36556123	0.55554289
ENSMUSG00000096580	-0.4605265	0.72938635	0.36565511	0.55561209
ENSMUSG00000032498	-0.3231449	5.58548646	0.36583074	0.55571647
ENSMUSG00000035696	-0.3207501	7.14065217	0.36592367	0.55571647
ENSMUSG00000035266	-0.3244588	5.01689369	0.36592374	0.55571647
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ENSMUSG00000030347	-0.3259159	4.89561386	0.36602979	0.55571647
ENSMUSG00000050029	-0.3212801	6.78802641	0.36603663	0.55571647
ENSMUSG0000003779	-0.3316888	4.09521816	0.36606221	0.55571647
ENSMUSG00000031959	-0.3250543	4.60244187	0.36653259	0.55635708
ENSMUSG00000028362	0.37275654	2.10914032	0.36659837	0.55638345
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ENSMUSG00000024442	0.32335498	4.99482981	0.36714115	0.55677803
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ENSMUSG00000031976	-0.3225648	5.40097334	0.36736589	0.55682358
ENSMUSG00000030556	-0.334036	3.61682964	0.36737278	0.55682358
ENSMUSG00000021476	0.33473528	3.57838595	0.36750097	0.55689118
ENSMUSG00000049680	0.32711148	4.08405639	0.36751427	0.55689118
ENSMUSG00000038028	-0.3274549	4.26361801	0.36756552	0.55689543
ENSMUSG00000004110	-0.3187467	8.05005295	0.36785015	0.55713812
ENSMUSG00000040511	0.32686194	4.73460058	0.3678701	0.55713812
ENSMUSG00000022701	-0.3269178	4.17493434	0.3678711	0.55713812
ENSMUSG00000066838	-0.3420431	2.52702534	0.36798234	0.55723317
ENSMUSG00000021578	-0.322035	5.62050461	0.36804922	0.55726103
ENSMUSG00000026377	-0.3222098	5.51661303	0.36823399	0.55746736
ENSMUSG00000029110	-0.3188994	7.57931616	0.36839282	0.55763438
ENSMUSG00000031007	-0.3201258	6.21215715	0.36847756	0.55768921
ENSMUSG00000024277	-0.3200887	6.15506803	0.36861321	0.55780245
ENSMUSG00000034729	-0.3238123	4.5602018	0.36869297	0.55780245
ENSMUSG00000021365	-0.3182615	8.45536778	0.36873341	0.55780245
ENSMUSG00000029708	0.32217366	5.1892596	0.36874648	0.55780245
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ENSMUSG00000019320	0.37024388	1.86275061	0.37002447	0.55914701
ENSMUSG00000048218	-0.3229543	4.79686021	0.3701525	0.55923542
ENSMUSG00000027508	-0.3174448	7.63762434	0.37018028	0.55923542
ENSMUSG00000075054	-0.3385189	3.150649	0.37036882	0.55944673
ENSMUSG00000029283	-0.3197555	5.72993603	0.37047849	0.55953886
ENSMUSG00000011158	0.31946786	6.02673255	0.3706731	0.55968916
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ENSMUSG00000040385	0.31698813	8.12795784	0.37073608	0.55968916
ENSMUSG00000020448	-0.321605	5.13542506	0.37077276	0.55968916
ENSMUSG00000019854	-0.3193268	5.75034542	0.37084807	0.55972934
ENSMUSG00000029613	-0.3173979	7.23323217	0.37106462	0.55998265
ENSMUSG00000020340	-0.3164839	9.06970596	0.37113139	0.56000989
ENSMUSG00000020720	-0.3185735	6.21338585	0.37141214	0.56035996
ENSMUSG00000029111	0.32131593	4.88757325	0.3714709	0.56037507
ENSMUSG00000010054	0.32129619	4.78166567	0.37164059	0.56055315
ENSMUSG00000091625	-0.3252616	3.97121277	0.37172374	0.56055315
ENSMUSG00000029763	-0.3181138	6.28722762	0.37173525	0.56055315
ENSMUSG00000063849	0.3186763	6.01506757	0.37194425	0.56073768
ENSMUSG00000017631	0.31792271	6.26521455	0.37195518	0.56073768
ENSMUSG00000024096	0.31815773	6.18626734	0.37204942	0.5608062
ENSMUSG00000032640	-0.3169555	6.89044923	0.37227901	0.5610787
ENSMUSG00000001517	0.32527852	4.0786492	0.37252915	0.56127025
ENSMUSG00000027881	-0.3156564	8.55455586	0.3725589	0.56127025
ENSMUSG00000030225	0.32726858	4.06980354	0.37259514	0.56127025
ENSMUSG00000026009	0.34688854	2.43139285	0.37263227	0.56127025
ENSMUSG00000032067	-0.3185742	5.48237973	0.37265024	0.56127025
ENSMUSG00000037896	-0.3164587	6.80241826	0.37292844	0.56146038
ENSMUSG00000019864	-0.3197448	5.19453503	0.37294255	0.56146038
ENSMUSG00000033985	-0.325775	4.1182171	0.37295778	0.56146038
ENSMUSG00000043895	0.3450123	2.37233366	0.37300015	0.56146038
ENSMUSG00000063172	-0.3410697	2.93647939	0.37303861	0.56146038
ENSMUSG00000036046	0.31592761	7.28938187	0.37310242	0.56146038
ENSMUSG00000041231	-0.3162382	6.83053574	0.37311839	0.56146038
ENSMUSG00000027073	0.35358441	2.33038316	0.37319406	0.56150074
ENSMUSG00000036181	0.31835637	5.42988472	0.37356032	0.56197826
ENSMUSG00000052337	-0.315169	7.3525139	0.37427419	0.56286589
ENSMUSG00000024194	0.32304495	3.94096009	0.3743123	0.56286589
ENSMUSG00000028688	0.32025815	4.7034334	0.37433515	0.56286589
ENSMUSG00000025010	0.32040071	4.95882495	0.37439394	0.56286589
ENSMUSG00000021238	-0.3230388	3.82427849	0.37439518	0.56286589
ENSMUSG00000020910	-0.3203754	4.81274613	0.37476699	0.56335119
ENSMUSG00000058900	-0.3255485	3.86046895	0.37493879	0.56353575

ENSMUSG00000039233	-0.3154896	6.40006973	0.37506907	0.56360861
ENSMUSG00000027293	0.31594362	6.07437333	0.37508533	0.56360861
ENSMUSG00000054302	-0.3165554	5.91579226	0.37515913	0.56361379
ENSMUSG00000029311	0.31626655	5.90717117	0.37518684	0.56361379
ENSMUSG00000050350	-0.3148715	6.92384726	0.37534387	0.56376118
ENSMUSG00000029635	-0.3170704	5.21806019	0.37538304	0.56376118
ENSMUSG00000026754	-0.3165162	5.75136866	0.37548808	0.56384526
ENSMUSG00000064145	-0.3150322	6.57145293	0.37555615	0.56387381
ENSMUSG00000062248	-0.3257084	4.10634981	0.37585273	0.56424541
ENSMUSG00000041263	0.32166125	4.50454781	0.37590489	0.56425002
ENSMUSG00000030780	0.32014456	4.90010226	0.37595883	0.56425731
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ENSMUSG00000042390	-0.3152253	6.14486579	0.37641762	0.5647984
ENSMUSG00000052593	-0.3134946	7.43668888	0.37664532	0.56506629
ENSMUSG00000022151	-0.3187115	4.78047535	0.37684898	0.56529631
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ENSMUSG00000036940	-0.3137024	6.86098978	0.37721881	0.56563139
ENSMUSG00000026355	-0.3133816	6.9657271	0.37758336	0.56608136
ENSMUSG00000027615	-0.3125395	7.83441511	0.37761739	0.56608136
ENSMUSG00000038943	-0.3177148	4.99549398	0.37775177	0.56620898
ENSMUSG00000034024	-0.3122521	8.51248761	0.3779205	0.56638803
ENSMUSG00000002949	0.31581592	5.46062966	0.37798676	0.56641348
ENSMUSG00000001995	0.31615553	5.15039078	0.37828808	0.56679112
ENSMUSG00000030560	-0.3116868	8.92468017	0.3784211	0.56686211
ENSMUSG00000040464	-0.3218971	3.99144539	0.37845937	0.56686211
ENSMUSG00000022657	0.33093629	3.38844387	0.3784834	0.56686211
ENSMUSG00000037242	-0.3122977	7.41366041	0.37858621	0.56694223
ENSMUSG00000087259	0.32243976	3.95357125	0.37891793	0.56735157
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ENSMUSG00000047067	-0.3583744	1.79766123	0.38011719	0.56866901
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ENSMUSG00000022899	-0.311758	6.26715583	0.38080403	0.56952151
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ENSMUSG00000037851	-0.3109561	6.90223512	0.38113528	0.56975195
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ENSMUSG00000033186	-0.313438	4.88273256	0.38301798	0.57127179
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ENSMUSG00000055541	0.31419745	4.57666219	0.38977978	0.57746083
ENSMUSG00000028717	-0.3096308	5.29521992	0.39002599	0.57770812
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ENSMUSG00000019302	0.30555809	6.99235456	0.39030956	0.5777989
ENSMUSG00000037722	-0.3121864	4.33279814	0.39044222	0.57792086
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ENSMUSG00000041769	-0.306952	5.51307865	0.3908722	0.57827763
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ENSMUSG00000015869	0.30590252	5.58453151	0.39196701	0.57955513
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ENSMUSG00000007815	-0.3028233	9.19186815	0.39210201	0.57955672

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ENSMUSG00000038884	0.30764187	5.25477259	0.39235149	0.57976962
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ENSMUSG00000044068	-0.3057471	5.62955783	0.39269338	0.57998335
ENSMUSG00000048000	-0.3031719	7.05254543	0.39278896	0.58004998
ENSMUSG00000085112	0.37598804	1.3960053	0.39301085	0.58022928
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ENSMUSG00000010290	-0.3083128	4.81720511	0.3930618	0.58022928
ENSMUSG00000029414	-0.3116786	4.34969285	0.39318076	0.58033036
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ENSMUSG00000039168	0.30778637	4.71778197	0.39349999	0.58065242
ENSMUSG00000028098	-0.3034411	6.39587741	0.3940574	0.58140031
ENSMUSG00000042082	0.30636345	5.12662523	0.39411799	0.58141508
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ENSMUSG00000032575	-0.3035265	6.23009109	0.39473674	0.58217845
ENSMUSG00000025997	0.34442225	2.52934354	0.39488505	0.58232125
ENSMUSG00000034518	-0.3039267	5.62377147	0.39493488	0.58232125
ENSMUSG00000053931	-0.3017308	7.44690078	0.39503405	0.58239276
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ENSMUSG00000027933	0.3023636	6.36061254	0.39518859	0.58243661
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ENSMUSG00000001017	-0.3013426	7.59371202	0.39528047	0.58243661
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ENSMUSG00000021131	-0.3069244	4.80183629	0.39551448	0.58264211
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ENSMUSG00000036167	-0.3028422	5.86743176	0.39572803	0.58274323
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ENSMUSG00000046962	-0.3031215	5.3756474	0.39605934	0.58308173
ENSMUSG00000084915	-0.3263875	2.55658986	0.39623463	0.58326508
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ENSMUSG00000048720	-0.3138532	3.44070404	0.39708505	0.58400683
ENSMUSG00000051671	-0.3449539	1.94581751	0.39709416	0.58400683
ENSMUSG00000042709	0.30534549	4.39063149	0.39718945	0.58407224
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ENSMUSG00000002957	0.30100598	6.17455977	0.3989122	0.58586643
ENSMUSG00000029632	-0.3012086	5.79997599	0.39891923	0.58586643
ENSMUSG00000008429	-0.3012104	5.86791239	0.39897606	0.58587504
ENSMUSG00000101452	-0.387161	1.04481951	0.39913251	0.58602991
ENSMUSG00000043419	0.32353878	2.76499419	0.39923101	0.58609968
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ENSMUSG00000042046	-0.3003991	5.48382597	0.39981408	0.58673086
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ENSMUSG00000027341	-0.3015035	5.24189129	0.40010144	0.586748
ENSMUSG00000023861	-0.3005608	5.72159756	0.40013202	0.586748
ENSMUSG00000028906	-0.2976346	8.13202744	0.40061581	0.58734791
ENSMUSG00000029217	-0.2979819	7.52291944	0.40064332	0.58734791
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ENSMUSG00000039633	-0.3090276	3.18957731	0.40088221	0.58752292
ENSMUSG00000038383	-0.301982	4.94554497	0.40091603	0.58752292
ENSMUSG00000034042	-0.2978574	7.5240138	0.40098636	0.58755108
ENSMUSG00000070044	-0.3480101	1.21524637	0.40113548	0.58769466
ENSMUSG00000049739	0.29764753	7.09922481	0.40120105	0.58771582
ENSMUSG00000024097	-0.2973671	7.84361716	0.40146542	0.58802816
ENSMUSG00000026035	-0.3026952	4.64548908	0.40152902	0.5880428
ENSMUSG00000027692	0.30266032	5.10892515	0.40157772	0.5880428
ENSMUSG00000041498	-0.3161923	3.44183604	0.40173155	0.58813288
ENSMUSG00000058298	-0.3010167	5.10343541	0.40174157	0.58813288
ENSMUSG00000022197	0.31097582	3.80148312	0.4021107	0.58853966
ENSMUSG00000032840	0.30250897	4.57051949	0.40212184	0.58853966
ENSMUSG00000006464	0.41016177	0.88077734	0.40228804	0.58870796
ENSMUSG00000026946	-0.2992636	5.70040296	0.40235833	0.58873587
ENSMUSG00000028525	-0.2964826	8.55919282	0.40241804	0.5887483
ENSMUSG00000033530	0.30619019	4.02732401	0.4025792	0.58890912
ENSMUSG00000015755	-0.2963976	8.09819306	0.40271137	0.5890275
ENSMUSG00000072772	0.32472233	3.01375426	0.40278293	0.58905723
ENSMUSG00000008604	0.29862651	5.82423384	0.40289364	0.58907834
ENSMUSG00000021113	-0.3018672	4.7664403	0.40289986	0.58907834
ENSMUSG00000027194	-0.2973841	6.54390305	0.4030584	0.58923519

ENSMUSG00000038569	-0.304763	3.65691019	0.40325917	0.58945374
ENSMUSG00000060441	-0.2972622	5.82473377	0.40373795	0.59004547
ENSMUSG00000036712	-0.2956954	8.18523984	0.40376665	0.59004547
ENSMUSG00000040663	0.29656092	6.79335873	0.40382992	0.59004988
ENSMUSG00000054191	0.31198769	3.36575531	0.40387233	0.59004988
ENSMUSG00000082163	0.39803028	0.79519843	0.40406346	0.59009732
ENSMUSG00000060147	0.30213521	4.72396055	0.4041127	0.59009732
ENSMUSG00000056131	-0.3028009	4.10225722	0.40411278	0.59009732
ENSMUSG00000050017	-0.2972758	6.05410496	0.40415029	0.59009732
ENSMUSG00000035900	0.29751822	5.99526157	0.40416148	0.59009732
ENSMUSG00000046139	-0.2964593	6.69782772	0.40430956	0.59023856
ENSMUSG00000028333	-0.295287	8.31964751	0.40439771	0.59029227
ENSMUSG00000040620	-0.2968698	6.07639948	0.40497914	0.59106081
ENSMUSG00000021710	-0.3010736	4.32583165	0.40505428	0.59106081
ENSMUSG00000044982	-0.3140645	2.92547434	0.4051263	0.59106081
ENSMUSG00000019845	-0.325133	2.29144385	0.4051299	0.59106081
ENSMUSG00000020523	-0.295838	6.73889059	0.4052283	0.59110643
ENSMUSG00000021258	-0.2964422	6.1368268	0.40526401	0.59110643
ENSMUSG00000024099	-0.2978212	5.53034792	0.40540684	0.59123974
ENSMUSG00000040548	0.30332164	4.31103071	0.40554633	0.59136814
ENSMUSG00000031971	-0.3123585	3.1685574	0.40569965	0.59151668
ENSMUSG00000030603	0.2955428	6.22595664	0.40575477	0.59152201
ENSMUSG00000045671	0.31771854	3.21007766	0.40589688	0.5915982
ENSMUSG00000027907	0.29547817	6.3897125	0.40594975	0.5915982
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ENSMUSG00000035472	-0.347639	2.14120875	0.4066681	0.5925529
ENSMUSG00000020455	0.29497735	6.35211204	0.40680224	0.59264777
ENSMUSG00000042622	0.29976792	4.84670436	0.40683633	0.59264777
ENSMUSG00000057982	-0.2997993	4.73433191	0.40699853	0.59277511
ENSMUSG00000054484	-0.2976471	5.09983122	0.40702688	0.59277511
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ENSMUSG00000042682	-0.2950215	6.23327075	0.4074454	0.59315918
ENSMUSG00000049723	0.373326	1.16901494	0.40753336	0.5932121
ENSMUSG00000048895	-0.3040258	3.74006994	0.40762894	0.59327611
ENSMUSG00000070923	-0.2965587	5.3741187	0.40777825	0.59341828
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ENSMUSG00000023169	-0.2923372	7.95779943	0.40925652	0.59454747
ENSMUSG00000026112	-0.2929723	6.9401178	0.40927953	0.59454747
ENSMUSG00000046836	-0.292966	6.87558385	0.40933281	0.59454747
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ENSMUSG00000037890	0.33657691	1.85804073	0.40939546	0.59454747
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ENSMUSG00000007610	0.31227793	3.261411	0.40970306	0.59471356
ENSMUSG00000047649	0.34142028	1.95051909	0.40975908	0.59471978
ENSMUSG00000021884	0.31461589	3.03766455	0.40982515	0.59474058
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ENSMUSG00000055835	-0.2860319	4.64957826	0.42782759	0.60891232
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ENSMUSG00000063410	-0.2795637	7.99506639	0.43006529	0.61168035
ENSMUSG00000027349	-0.2826192	5.38870465	0.43028395	0.61181938
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ENSMUSG00000027014	-0.2809106	6.03915871	0.43033048	0.61181938
ENSMUSG00000034430	0.28380013	5.03711605	0.43037595	0.61181938
ENSMUSG00000029094	0.29985881	2.81472805	0.43044431	0.6118409
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ENSMUSG00000030282	-0.2813453	5.61641858	0.43063032	0.61187861
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ENSMUSG00000025184	-0.2808762	6.12167335	0.43073699	0.61187861
ENSMUSG00000026600	-0.2793754	7.36406224	0.43079699	0.61188823
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ENSMUSG00000034906	-0.2873188	4.00166163	0.43145897	0.61232062
ENSMUSG00000071203	0.28167082	5.67199681	0.43147429	0.61232062
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ENSMUSG00000008206	-0.2794719	6.37704056	0.43177964	0.61260269
ENSMUSG00000029176	-0.2799088	6.04501989	0.43183778	0.61260956
ENSMUSG00000030002	-0.278141	8.67090862	0.43193683	0.61267447
ENSMUSG00000028837	0.2813287	5.36778686	0.43228726	0.61304451
ENSMUSG00000029467	-0.2782941	7.71606984	0.43230438	0.61304451
ENSMUSG00000026181	0.28015425	5.5162213	0.43262236	0.61341976
ENSMUSG00000035790	0.28967096	3.11076577	0.43275342	0.61352991
ENSMUSG00000021978	0.27953204	5.9058909	0.43294066	0.61371967
ENSMUSG00000050240	0.30810453	1.93322174	0.43316996	0.61396901
ENSMUSG00000004768	0.29374505	3.37047746	0.43353154	0.61440575
ENSMUSG00000044477	0.28019877	5.26073519	0.43396228	0.61494039
ENSMUSG00000014313	-0.2792768	5.39949027	0.43451462	0.6156306
ENSMUSG00000026283	-0.2779968	6.3289018	0.43460956	0.6156306
ENSMUSG00000020495	-0.2806272	5.2535651	0.43464335	0.6156306
ENSMUSG00000019338	0.28177159	5.12095331	0.43473689	0.6156306
ENSMUSG00000022664	-0.2794986	5.48335163	0.43474254	0.6156306
ENSMUSG00000050471	-0.2817799	4.8800998	0.4347707	0.6156306
ENSMUSG00000004945	0.28522688	3.73296746	0.43528767	0.61628671
ENSMUSG00000028873	0.29156558	3.43250105	0.43544962	0.61631997
ENSMUSG00000026024	-0.2791993	5.3826805	0.43547176	0.61631997

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ENSMUSG00000027247	0.27756255	6.26834758	0.43585066	0.61674576
ENSMUSG00000005087	0.27612768	7.78668713	0.43590428	0.61674576
ENSMUSG00000051853	0.27618253	7.35766803	0.43593383	0.61674576
ENSMUSG00000045576	-0.2847703	4.05117214	0.43621281	0.61706451
ENSMUSG00000019984	-0.2769247	6.22494469	0.43639071	0.61724021
ENSMUSG00000096687	0.29696488	3.11879216	0.43664222	0.61751997
ENSMUSG00000021076	-0.2769458	6.14450562	0.43676272	0.61761441
ENSMUSG00000053841	0.27644017	6.45248286	0.43685178	0.61765425
ENSMUSG00000027642	0.2756512	7.42804375	0.43689837	0.61765425
ENSMUSG00000028018	-0.281288	4.5623157	0.43710959	0.61787687
ENSMUSG00000068105	-0.2753427	7.99687889	0.43724605	0.61799377
ENSMUSG00000046441	-0.2849792	4.04460359	0.43742346	0.61816851
ENSMUSG00000046324	-0.2758465	6.72894909	0.43754595	0.61826561
ENSMUSG00000034820	-0.2748511	8.27370065	0.43763841	0.61827529
ENSMUSG00000070934	-0.2757263	6.62414827	0.43766038	0.61827529
ENSMUSG00000070034	-0.2747446	8.02667787	0.43779939	0.61833645
ENSMUSG00000037466	0.28639519	3.6060276	0.43781126	0.61833645
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ENSMUSG00000021096	-0.276075	6.23330484	0.43846457	0.6188503
ENSMUSG00000051391	0.27518347	6.71297043	0.43848828	0.6188503
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ENSMUSG00000032777	0.27568163	6.40623469	0.43884003	0.61911912
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ENSMUSG00000031355	-0.2862554	3.38434191	0.43894535	0.61917743
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ENSMUSG00000024493	-0.2724021	6.713657	0.44311966	0.62260256
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ENSMUSG00000041645	0.2718654	7.13461922	0.44346448	0.62287686
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ENSMUSG00000044348	-0.2743141	5.4727051	0.44408559	0.6233684
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ENSMUSG00000038784	-0.2709924	6.42273185	0.44621657	0.62551945
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ENSMUSG00000063235	-0.2886534	2.56664149	0.44716969	0.62593954
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ENSMUSG00000016481	-0.2685038	6.97319657	0.4494543	0.6279141
ENSMUSG00000038871	-0.270318	5.60174167	0.44956193	0.62798813
ENSMUSG00000029627	-0.2722978	4.9425012	0.44968562	0.6280846
ENSMUSG00000021134	-0.2671774	9.47177933	0.44993756	0.62828843
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ENSMUSG00000032329	-0.268536	6.30307141	0.45044589	0.62876449
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ENSMUSG00000070583	-0.2855383	3.35270057	0.45129341	0.62956447
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ENSMUSG00000028692	0.26664962	7.17417509	0.45238441	0.63029071

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ENSMUSG00000002064	0.26819486	5.7010885	0.45327288	0.63093269
ENSMUSG00000029439	0.26845832	5.58318873	0.4533165	0.63093269
ENSMUSG00000035069	0.27054922	4.57440527	0.45349435	0.63110382
ENSMUSG00000043411	-0.2652922	7.98342892	0.45377772	0.63142172
ENSMUSG00000023089	-0.2754364	4.03832946	0.45406478	0.6317447
ENSMUSG00000019794	-0.2672885	5.90206116	0.45412173	0.63174746
ENSMUSG00000026781	-0.2663228	6.18074374	0.45427081	0.63187839
ENSMUSG00000043998	-0.2670656	5.87870441	0.45437353	0.63194479
ENSMUSG00000027331	-0.2721472	3.90072535	0.45453331	0.63209054
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ENSMUSG00000024675	0.26459689	7.58118583	0.45558766	0.63308215
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ENSMUSG00000021901	0.26541422	6.31660481	0.45563189	0.63308215
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ENSMUSG00000053604	0.26609212	5.70958774	0.45588241	0.63327713
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ENSMUSG00000026750	-0.2654856	6.22508979	0.45616832	0.63347937
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ENSMUSG00000025817	-0.2661599	5.46675662	0.45732766	0.63467119
ENSMUSG00000020268	-0.2967218	1.54294604	0.45744288	0.6346983
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ENSMUSG00000021958	0.27352687	3.7738584	0.45756357	0.63476867
ENSMUSG00000079614	-0.2644084	6.27071035	0.45786137	0.63503905
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ENSMUSG00000100975	-0.2919884	2.1404622	0.45806334	0.63503905
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ENSMUSG00000060733	-0.265231	5.34730539	0.4589382	0.63582052
ENSMUSG00000031295	-0.2642416	5.47190684	0.45897394	0.63582052
ENSMUSG00000025358	0.26359914	6.30694241	0.45898553	0.63582052
ENSMUSG00000078651	0.28360192	3.15229456	0.45909323	0.63589308
ENSMUSG00000030407	0.2829972	2.98443065	0.45931294	0.63612076
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ENSMUSG00000021814	0.26285752	6.65849205	0.45958824	0.6363317
ENSMUSG00000006288	0.26417533	5.78536763	0.4597238	0.6363317
ENSMUSG00000063179	-0.2733289	3.45235149	0.45973062	0.6363317
ENSMUSG00000068206	0.26950283	4.21947471	0.45978466	0.6363317
ENSMUSG00000026311	-0.2634598	5.91323903	0.4597974	0.6363317
ENSMUSG00000060904	-0.2635919	5.94245157	0.45995244	0.63646964
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ENSMUSG00000001366	-0.2641032	5.62935199	0.46054321	0.63706897
ENSMUSG00000023008	-0.2620562	6.85928908	0.46055182	0.63706897
ENSMUSG00000042507	-0.2613458	7.57916321	0.46074859	0.63726447
ENSMUSG00000028991	0.26288677	6.05794291	0.46124716	0.63776389
ENSMUSG00000033885	-0.2607681	8.58739204	0.46126648	0.63776389
ENSMUSG00000027006	-0.2616188	6.63059586	0.46127612	0.63776389
ENSMUSG00000021767	-0.2628296	5.57870835	0.46159297	0.63789175
ENSMUSG00000029672	-0.2619646	6.32934163	0.46159558	0.63789175
ENSMUSG00000033883	-0.2710996	3.78523404	0.46159659	0.63789175
ENSMUSG00000050174	0.2940673	2.61875908	0.46160072	0.63789175
ENSMUSG00000031657	-0.2631298	5.35848859	0.46165288	0.63789175
ENSMUSG00000026553	-0.2604569	8.86071354	0.46170156	0.63789175
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ENSMUSG00000007411	-0.2609142	6.68077494	0.46268852	0.63848794
ENSMUSG00000020697	-0.2621756	5.683752	0.46281828	0.63855251
ENSMUSG00000021482	-0.2672469	4.47350841	0.46284641	0.63855251
ENSMUSG00000020444	0.26959289	3.80756762	0.46313399	0.63882905
ENSMUSG00000039804	0.2616056	5.88873459	0.46315801	0.63882905
ENSMUSG00000030094	0.26384499	4.99881378	0.46345282	0.63915899
ENSMUSG00000092607	0.26425531	4.68970442	0.46353254	0.63919225

ENSMUSG00000020932	-0.3042854	1.87169222	0.4637145	0.63936646
ENSMUSG00000033540	0.26258311	5.54072635	0.46400841	0.63969497
ENSMUSG00000036646	0.25960067	6.89111465	0.46420642	0.63989121
ENSMUSG00000029265	-0.2607523	6.11160748	0.46452822	0.64015981
ENSMUSG00000043004	-0.2595604	7.06019678	0.46458074	0.64015981
ENSMUSG00000023505	0.26510606	4.32810945	0.46461459	0.64015981
ENSMUSG00000022673	-0.2597109	6.88616907	0.46462404	0.64015981
ENSMUSG00000010721	-0.3022528	1.48691211	0.46472759	0.64022575
ENSMUSG00000021411	0.26039068	6.57802681	0.46491709	0.64036812
ENSMUSG00000046605	0.27338448	3.7700119	0.46494235	0.64036812
ENSMUSG00000028264	0.32157383	1.26608465	0.4652367	0.64069676
ENSMUSG00000042729	0.26292912	4.74158985	0.46565718	0.64117365
ENSMUSG00000038302	-0.2689096	4.02784166	0.46569454	0.64117365
ENSMUSG00000024782	-0.2607611	5.73424925	0.46580923	0.64125475
ENSMUSG00000028889	-0.2614593	5.43821071	0.46612454	0.64156725
ENSMUSG00000021892	-0.2582396	7.68368501	0.46614786	0.64156725
ENSMUSG00000017264	0.25881285	6.55513896	0.46656913	0.64207017
ENSMUSG00000055932	0.25989029	5.76689972	0.46666163	0.6421206
ENSMUSG00000019579	0.26554546	4.26339542	0.46674009	0.64215169
ENSMUSG00000029924	-0.2601829	5.31647178	0.46705844	0.64251278
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ENSMUSG00000075701	-0.2602806	5.40943238	0.46767641	0.64320027
ENSMUSG00000091649	-0.2606255	5.18953848	0.46772606	0.64320027
ENSMUSG00000060121	-0.2649365	4.15457964	0.46812138	0.6436669
ENSMUSG00000031917	-0.2600934	5.4275698	0.46823509	0.64374624
ENSMUSG00000029866	-0.2588334	6.12499389	0.468356	0.64383547
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ENSMUSG00000026279	0.26357235	3.41512202	0.46924096	0.64474359
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ENSMUSG00000030677	0.26592373	3.72304628	0.46945547	0.6448071
ENSMUSG00000001942	-0.2603704	4.929837	0.46961911	0.6449548
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ENSMUSG00000047419	-0.2892339	1.83011316	0.46980018	0.6450418
ENSMUSG00000022387	0.25711874	6.5178199	0.46998082	0.6450418
ENSMUSG00000023883	-0.2578804	5.86466464	0.46999474	0.6450418
ENSMUSG00000031134	-0.2570259	6.24202351	0.46999866	0.6450418
ENSMUSG00000071660	-0.2577895	6.1469669	0.47003223	0.6450418
ENSMUSG00000004880	-0.2558159	8.19130394	0.47007526	0.6450418
ENSMUSG00000038349	0.2884468	2.64974246	0.47028734	0.64525578
ENSMUSG00000052738	-0.2576882	5.9112189	0.4705752	0.64544776



ENSMUSG00000024174	-0.2562483	6.43924042	0.47059227	0.64544776
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ENSMUSG00000076532	-0.2604138	4.80211792	0.47065186	0.64544776
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ENSMUSG00000028218	-0.269961	2.4055434	0.47447571	0.64891116
ENSMUSG00000020018	-0.2575261	5.10872155	0.47453573	0.64891604
ENSMUSG00000040731	0.25377204	6.99316476	0.47473788	0.64911525
ENSMUSG00000030987	0.25434995	6.10336039	0.47484466	0.6491726
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ENSMUSG00000007656	-0.2550316	5.77471366	0.47531665	0.6493867
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ENSMUSG00000037997	-0.2540024	5.80976153	0.47594343	0.64975887
ENSMUSG00000044066	-0.2533652	6.50704563	0.47601647	0.64978142
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ENSMUSG00000020990	-0.2674936	2.99413406	0.47878837	0.65170779
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ENSMUSG00000005299	0.25277718	5.82989014	0.4791939	0.65171957
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ENSMUSG00000021686	-0.2512337	6.69352768	0.47967309	0.65216233
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ENSMUSG00000018433	-0.2516409	5.92241019	0.48072518	0.65318391
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ENSMUSG00000021754	-0.2483161	8.52224897	0.48282678	0.65486833
ENSMUSG00000035891	0.24857328	7.6514244	0.48284836	0.65486833
ENSMUSG00000021065	-0.2518709	5.1702044	0.48287638	0.65486833
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ENSMUSG00000029387	0.25191146	4.75083566	0.48398376	0.65581329
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ENSMUSG00000004865	-0.2475801	7.31794594	0.48508037	0.65649076
ENSMUSG00000028811	0.24978853	5.40684098	0.4851007	0.65649076
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ENSMUSG00000041779	-0.2498367	4.98855675	0.48615373	0.65712641
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ENSMUSG00000020091	0.24706494	6.27522387	0.48688928	0.65759515
ENSMUSG00000083844	0.25656388	3.31423272	0.48722899	0.65797665
ENSMUSG00000066900	0.24723461	6.03729152	0.48736816	0.65808728
ENSMUSG00000024853	0.24560163	8.25917966	0.48773877	0.65851035
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ENSMUSG00000019795	-0.2469782	6.08600934	0.48864969	0.65935299
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ENSMUSG00000038416	-0.2468732	5.87508019	0.48916328	0.65989108
ENSMUSG00000020801	-0.2571982	2.29774996	0.48924902	0.6599293
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ENSMUSG00000038683	-0.2455792	6.17854097	0.49029387	0.66110592
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ENSMUSG00000035629	0.24383394	7.920469	0.49114959	0.66171643
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ENSMUSG00000021036	-0.2445635	6.72076557	0.4914309	0.66194026
ENSMUSG00000028407	0.30651778	1.00734581	0.49159475	0.66208338
ENSMUSG00000057835	-0.2690842	2.46650824	0.49188193	0.66236948
ENSMUSG00000035378	-0.2599797	2.78471642	0.49192242	0.66236948
ENSMUSG00000018293	0.24300423	9.19784217	0.4919996	0.6623958
ENSMUSG00000051351	0.2471052	3.97645467	0.49222833	0.66262615
ENSMUSG00000061898	-0.247239	4.54376455	0.49253827	0.66296202
ENSMUSG00000034602	-0.2432673	7.27085906	0.49259318	0.66296202
ENSMUSG00000041096	-0.2437801	6.78831864	0.49275774	0.66310585
ENSMUSG00000026088	-0.2472092	4.91381971	0.4929463	0.66328195
ENSMUSG00000026504	-0.2464186	5.03837066	0.4931987	0.66348346
ENSMUSG00000030319	0.29592717	1.74406251	0.4932115	0.66348346
ENSMUSG00000069895	-0.2433839	6.33009025	0.49341406	0.66355949
ENSMUSG00000036352	0.2444758	5.84445008	0.49344081	0.66355949
ENSMUSG00000032261	0.27321731	2.32440329	0.49344119	0.66355949
ENSMUSG00000039458	-0.2434087	6.23024745	0.49391956	0.66412509
ENSMUSG00000029430	-0.242758	7.02225132	0.49418801	0.66437358
ENSMUSG00000022353	-0.2428632	6.62289276	0.49421997	0.66437358

ENSMUSG00000029919	0.25513103	4.23164608	0.49443502	0.66458496
ENSMUSG00000020132	-0.2429599	6.49664263	0.49473059	0.66490449
ENSMUSG00000018809	-0.2497225	3.98250853	0.49494131	0.66510993
ENSMUSG00000048878	0.24583688	5.18551535	0.49515075	0.6653136
ENSMUSG00000031387	0.25427947	3.73038405	0.49525742	0.66537916
ENSMUSG00000097519	-0.3199717	0.75466334	0.49539472	0.66548583
ENSMUSG00000001016	-0.2425019	6.46640016	0.49549781	0.66554654
ENSMUSG00000022639	-0.2461807	4.64783502	0.49564193	0.66560242
ENSMUSG00000071757	0.24370079	5.64472813	0.49570826	0.66560242
ENSMUSG00000053178	-0.2888264	1.45161415	0.49575147	0.66560242
ENSMUSG00000021752	-0.2464621	4.4786534	0.49577103	0.66560242
ENSMUSG00000057329	0.24170277	7.28640889	0.49593175	0.66574045
ENSMUSG00000100615	-0.2663342	1.60451428	0.4960483	0.66581915
ENSMUSG00000048371	0.24723015	4.19227712	0.49616529	0.66589843
ENSMUSG00000005936	-0.2412271	7.32553869	0.49654279	0.66632727
ENSMUSG00000056216	-0.2419252	6.11986614	0.49700081	0.66686405
ENSMUSG00000029804	-0.2409481	6.94309956	0.49721589	0.66707478
ENSMUSG00000021993	-0.2478859	4.31961463	0.49743431	0.66728992
ENSMUSG00000018347	0.24466694	4.82923588	0.49755349	0.66736048
ENSMUSG00000054199	0.2421231	6.05805533	0.49760302	0.66736048
ENSMUSG00000036814	0.26974459	2.14802174	0.49767776	0.66738286
ENSMUSG00000036737	-0.241187	6.33928089	0.49788815	0.66753886
ENSMUSG00000027601	-0.2423179	5.76727959	0.49791024	0.66753886
ENSMUSG00000029020	0.24134019	6.09529232	0.49812728	0.66775197
ENSMUSG00000017188	0.24899139	3.77489573	0.49838039	0.66801337
ENSMUSG00000037933	0.24192041	5.58665169	0.49844848	0.66802673
ENSMUSG00000053080	-0.2690356	2.71441194	0.49887319	0.66851799
ENSMUSG00000056130	0.27073558	2.6473346	0.49900284	0.66861378
ENSMUSG00000022555	-0.2417563	4.99774783	0.49908443	0.66864517
ENSMUSG00000040697	0.24244393	5.29038752	0.49928945	0.66884189
ENSMUSG00000037503	-0.2389515	8.50113598	0.49959752	0.66913119
ENSMUSG00000027822	-0.2456842	3.99677229	0.49962665	0.66913119
ENSMUSG00000053012	-0.2406956	5.88486117	0.49973764	0.66913119
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ENSMUSG00000075289	-0.2402214	5.51525795	0.49986754	0.66915159
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ENSMUSG00000063488	-0.2488522	3.49430373	0.49992813	0.66915159
ENSMUSG00000027663	-0.2448199	4.22648637	0.50014971	0.66937023
ENSMUSG00000021786	0.25396836	3.64580761	0.50035173	0.66954575
ENSMUSG00000048852	0.28971274	1.94500155	0.50039735	0.66954575
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ENSMUSG00000031729	-0.2386991	7.50566328	0.50077976	0.66983219
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ENSMUSG00000029536	-0.2456283	4.08449608	0.50128186	0.67026114
ENSMUSG00000093483	0.2902774	1.22483687	0.50135675	0.6702833
ENSMUSG00000023921	-0.2415222	5.05653045	0.50160493	0.67053712
ENSMUSG00000074578	-0.2389892	6.36785286	0.50175775	0.67066342
ENSMUSG00000021177	0.24420403	4.35874976	0.50210011	0.67104298
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ENSMUSG00000063785	-0.2385205	6.61073638	0.50247706	0.67120763
ENSMUSG00000006021	0.25069884	3.88128097	0.50253551	0.67120763
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ENSMUSG00000031392	0.23769563	7.51976973	0.50264938	0.67123079
ENSMUSG00000036873	-0.2440456	3.96662201	0.50280334	0.67134946
ENSMUSG00000048578	-0.2372719	8.15894314	0.50285506	0.67134946
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ENSMUSG00000034525	-0.2324569	7.435548	0.51179365	0.67855456
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ENSMUSG00000037474	-0.2407135	4.11055104	0.513354	0.68015263
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ENSMUSG00000007050	-0.2348998	4.27177762	0.51654747	0.68241732
ENSMUSG00000040506	0.23099566	6.34680535	0.51668844	0.68244149
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ENSMUSG00000097579	-0.2589766	2.11039441	0.51684331	0.68249441
ENSMUSG00000003824	-0.2543877	2.34782544	0.5169463	0.682552
ENSMUSG00000015176	0.23035281	6.36155481	0.51723352	0.68285279
ENSMUSG00000032058	-0.2309543	5.92835015	0.51730917	0.68287425
ENSMUSG00000085603	-0.232784	4.74460494	0.51747421	0.68301366
ENSMUSG00000024533	-0.234111	4.61211291	0.51791061	0.6833372
ENSMUSG00000057375	-0.2307245	5.59793597	0.51793858	0.6833372
ENSMUSG00000032053	0.22868283	9.21522969	0.51796028	0.6833372
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ENSMUSG00000076435	0.22969288	6.74516843	0.51803793	0.6833372
ENSMUSG00000006412	0.23315249	4.65165851	0.51807601	0.6833372
ENSMUSG00000006304	-0.2285903	8.88334358	0.51820188	0.68336385
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ENSMUSG00000023026	-0.2290413	7.20225718	0.51839235	0.68344076
ENSMUSG00000021585	-0.2286132	7.63702182	0.51893114	0.6840327
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ENSMUSG00000024667	0.26429834	2.11998316	0.51914028	0.68406952
ENSMUSG00000022185	0.22816019	8.54029757	0.51915424	0.68406952



ENSMUSG0000004040	0.22844469	7.54929857	0.51916681	0.68406952
ENSMUSG0000008200	-0.2278708	8.62720385	0.51954003	0.68448282
ENSMUSG00000038214	0.24775443	3.11287984	0.51974011	0.6845792
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ENSMUSG00000032249	-0.2280466	7.9813703	0.5198514	0.6845792
ENSMUSG00000038909	-0.228006	7.51055008	0.52018864	0.68485835
ENSMUSG00000029097	0.24906242	2.79050967	0.52020361	0.68485835
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ENSMUSG00000027255	0.2275301	6.55140839	0.52200445	0.68670647
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ENSMUSG00000030894	0.22598416	6.92578801	0.52462236	0.68928266
ENSMUSG00000025241	-0.2257511	6.39806452	0.52477601	0.68940575
ENSMUSG00000005804	-0.2281718	5.34248333	0.52517591	0.68981166
ENSMUSG00000023977	-0.2250203	7.76542936	0.52520501	0.68981166
ENSMUSG00000056234	-0.2274802	5.54609097	0.52526588	0.68981278
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ENSMUSG00000087231	-0.2619246	1.48181413	0.52629957	0.69069683
ENSMUSG00000032412	-0.2246745	6.99227288	0.52637094	0.69071164
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ENSMUSG00000026339	-0.2248574	6.86029548	0.52663097	0.69089511
ENSMUSG00000074918	-0.2284788	4.65580845	0.52689567	0.69116349
ENSMUSG00000045983	0.22378433	8.6687453	0.52709999	0.69123362
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ENSMUSG00000018322	0.2247396	6.52825331	0.5271604	0.69123362

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ENSMUSG00000028479	0.22917938	4.86285877	0.52738935	0.69138483
ENSMUSG00000086111	-0.2328708	3.591234	0.52742528	0.69138483
ENSMUSG00000037913	-0.2281557	4.19907108	0.52748596	0.69138553
ENSMUSG00000021339	-0.2280772	4.56115117	0.52785183	0.6917862
ENSMUSG00000035007	0.22646562	4.75807874	0.52809583	0.69202708
ENSMUSG00000021697	0.25777171	2.21035762	0.52821533	0.6920367
ENSMUSG00000035953	-0.2236221	7.44680259	0.52822358	0.6920367
ENSMUSG00000044148	-0.2248561	6.01695832	0.52855574	0.69226779
ENSMUSG00000020612	-0.2231186	8.27082233	0.52859906	0.69226779
ENSMUSG00000004896	0.2256853	5.51792601	0.52860263	0.69226779
ENSMUSG00000029415	-0.2239315	6.59004148	0.52867012	0.69226779
ENSMUSG00000024413	-0.2241753	6.1832582	0.52872695	0.69226779
ENSMUSG00000020585	-0.2233345	7.23766181	0.52876131	0.69226779
ENSMUSG00000097403	0.27046688	1.23543581	0.5289645	0.69245495
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ENSMUSG00000054469	-0.225249	5.20811967	0.52963569	0.69317572
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ENSMUSG00000005951	0.25021737	2.7910703	0.53026748	0.69381962
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ENSMUSG00000022248	-0.2292447	4.28522559	0.53072215	0.69428146
ENSMUSG00000021645	-0.2278671	4.51066041	0.53094923	0.69449948
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ENSMUSG00000029802	-0.2272506	4.75934859	0.53134413	0.69469981
ENSMUSG00000041684	-0.2315765	3.69780392	0.53146107	0.69477368
ENSMUSG00000033732	-0.2213678	8.5646779	0.53171407	0.6949975
ENSMUSG00000037266	-0.2210863	9.43900908	0.5317532	0.6949975
ENSMUSG00000071253	-0.2259463	4.51281913	0.5318429	0.69503571
ENSMUSG00000025130	-0.2211642	8.33671686	0.5320627	0.69524392
ENSMUSG00000078765	0.22569727	4.80475033	0.5321826	0.69532155
ENSMUSG00000050014	0.32098007	0.91704622	0.53238414	0.69550581
ENSMUSG00000031256	-0.2219285	6.44723096	0.5324876	0.69553957
ENSMUSG00000054400	-0.227729	3.90501689	0.53253099	0.69553957
ENSMUSG00000032435	-0.222709	6.08582301	0.53269936	0.69560154
ENSMUSG00000033669	0.22471542	4.79737875	0.53269947	0.69560154
ENSMUSG00000072919	-0.2308599	3.40244998	0.53289337	0.6957757
ENSMUSG00000029408	0.28152661	1.5261974	0.5330366	0.69586253
ENSMUSG00000034826	-0.2233365	5.58196996	0.53308094	0.69586253
ENSMUSG00000031938	0.23579365	3.63161432	0.53320365	0.69589542
ENSMUSG00000030726	-0.2219979	6.24615628	0.53331742	0.69589542
ENSMUSG00000035181	0.22489732	5.2660073	0.53343367	0.69589542

ENSMUSG00000057421	-0.2210562	6.72222307	0.53344727	0.69589542
ENSMUSG00000031684	-0.2249424	4.81845811	0.53345355	0.69589542
ENSMUSG00000026577	-0.224339	4.92250685	0.53346938	0.69589542
ENSMUSG00000021496	0.24189768	2.58495606	0.53364156	0.69604104
ENSMUSG00000030315	-0.2237949	5.0173683	0.533915	0.69631869
ENSMUSG00000021124	-0.2221727	5.71632465	0.53399145	0.69633938
ENSMUSG00000040236	0.22213877	5.35657367	0.53437768	0.69676399
ENSMUSG00000029461	-0.2209127	6.27360225	0.53463223	0.69699013
ENSMUSG00000032641	0.25786868	2.17535617	0.53467238	0.69699013
ENSMUSG00000008435	0.22790926	4.00822397	0.53485605	0.69715051
ENSMUSG00000022401	-0.2225652	5.13708719	0.53501982	0.6972849
ENSMUSG00000086894	0.26316791	1.61282116	0.53614965	0.69859466
ENSMUSG00000020451	0.22029372	6.22555671	0.53618146	0.69859466
ENSMUSG00000022450	-0.2220257	5.38672385	0.53620711	0.69859466
ENSMUSG00000036764	0.25954584	1.53741753	0.53633866	0.69868682
ENSMUSG00000078515	-0.2195976	6.67983107	0.53644493	0.69868682
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ENSMUSG00000024754	-0.2219426	4.45587636	0.53663078	0.69870054
ENSMUSG00000035770	-0.2197169	6.51645683	0.5367042	0.69870054
ENSMUSG00000035439	0.22501361	4.24775986	0.53670815	0.69870054
ENSMUSG00000020027	0.30417884	1.35823258	0.53671386	0.69870054
ENSMUSG00000024480	-0.2321377	2.91068782	0.53688787	0.69884793
ENSMUSG00000028967	0.22368237	4.39166475	0.53697572	0.69888315
ENSMUSG00000055923	-0.22047	5.12986587	0.53742005	0.69938225
ENSMUSG00000024548	-0.2189764	6.33809345	0.53765885	0.69956083
ENSMUSG00000066148	-0.2200441	5.96259142	0.53768597	0.69956083
ENSMUSG00000026880	0.21914933	6.57336667	0.53773985	0.69956083
ENSMUSG00000005968	-0.2495814	2.38853267	0.53792631	0.69972422
ENSMUSG00000001120	0.25899026	1.90803593	0.53801822	0.69976459
ENSMUSG00000014959	-0.2187367	6.74262738	0.53835377	0.7000938
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ENSMUSG00000060802	-0.2173424	10.9792328	0.53860934	0.70029571
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ENSMUSG00000040213	-0.236831	2.98144499	0.53910622	0.70078322
ENSMUSG00000025231	0.2198505	5.65096586	0.53920852	0.70083694
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ENSMUSG00000005510	-0.2184325	5.47105771	0.54247447	0.7029469
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ENSMUSG00000053094	-0.2168794	6.21766073	0.54254414	0.7029469
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ENSMUSG00000031666	-0.2144449	7.16699426	0.54548498	0.70580255
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ENSMUSG00000028622	-0.213962	5.80916307	0.54847264	0.70786811
ENSMUSG00000027852	-0.2128473	7.20786681	0.54849351	0.70786811
ENSMUSG00000005973	0.22325089	3.526897	0.54858635	0.70786811
ENSMUSG00000022787	0.226538	3.13848087	0.54860282	0.70786811
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ENSMUSG00000027998	-0.2127857	6.00738759	0.55114642	0.71001099
ENSMUSG00000026627	0.21438236	5.195998	0.55123173	0.71004132
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ENSMUSG00000030592	0.23523927	3.04078655	0.55482344	0.71336177
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ENSMUSG00000020321	-0.2091345	7.40987577	0.55553442	0.71382385
ENSMUSG00000030871	0.21177161	4.50779225	0.55606128	0.71430366
ENSMUSG00000030934	-0.2089818	6.99979385	0.55613448	0.71430366
ENSMUSG00000032458	-0.2086338	7.64618875	0.55618228	0.71430366
ENSMUSG00000035666	-0.2109899	5.49166026	0.55625616	0.71430366
ENSMUSG00000027131	-0.216046	4.39081908	0.55628044	0.71430366
ENSMUSG00000032556	0.2169281	3.81000134	0.55628067	0.71430366
ENSMUSG00000024683	-0.2155464	4.43861431	0.55636953	0.71433797
ENSMUSG00000022718	-0.2095623	5.90592918	0.55682813	0.71484692
ENSMUSG00000034116	0.20790082	8.04371735	0.55690609	0.71486717
ENSMUSG00000043290	-0.2329533	1.68390937	0.5570431	0.71496321
ENSMUSG00000021000	-0.207973	7.54838892	0.5572469	0.71511915
ENSMUSG00000015804	-0.2103849	5.05482588	0.557293	0.71511915
ENSMUSG00000019699	-0.2080879	7.21719765	0.55735124	0.71511915
ENSMUSG00000022500	0.21249816	4.94730548	0.55770163	0.71548284
ENSMUSG00000041540	0.23815291	1.44726877	0.55778659	0.71548284
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ENSMUSG00000045409	-0.207871	7.19655716	0.55789251	0.71549419
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ENSMUSG00000050822	0.26035368	1.15333235	0.55855136	0.71617936
ENSMUSG00000013160	0.20813701	6.3441115	0.55880847	0.71642911
ENSMUSG00000034453	-0.2077541	6.35149264	0.55928451	0.71693383
ENSMUSG00000036160	0.20868507	5.57576663	0.55936879	0.71693383
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ENSMUSG00000038388	-0.2091933	5.43592437	0.55958548	0.71694551
ENSMUSG00000033486	-0.2392302	1.97835854	0.56012388	0.71755534
ENSMUSG00000033769	-0.2091739	5.15331216	0.56020976	0.71758537
ENSMUSG00000039087	-0.2070057	5.97537844	0.56045065	0.71781395
ENSMUSG00000039680	-0.2292172	2.94015155	0.56070349	0.71794875
ENSMUSG00000035202	-0.2057073	10.0539223	0.56073566	0.71794875
ENSMUSG00000020883	-0.2062987	6.95143547	0.56075662	0.71794875
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ENSMUSG00000028634	0.21598449	3.96474496	0.56092218	0.71795286
ENSMUSG00000027374	0.21097487	4.38554658	0.56093385	0.71795286

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ENSMUSG00000095595	-0.2095886	4.66965732	0.56184532	0.71879933
ENSMUSG00000081400	-0.3189208	0.92310079	0.56212486	0.71893499
ENSMUSG00000023052	0.29392822	0.91020026	0.56212486	0.71893499
ENSMUSG00000027774	-0.2075952	5.70479145	0.56213899	0.71893499
ENSMUSG00000025791	0.21215628	4.43770294	0.56222158	0.71896063
ENSMUSG00000072620	0.20508638	7.84987042	0.56239312	0.71909999
ENSMUSG00000039130	0.21010053	4.66957856	0.56245908	0.71910434
ENSMUSG00000004099	0.2055461	6.90234264	0.56266098	0.71926971
ENSMUSG00000098488	0.25914332	1.36345601	0.56276072	0.71926971
ENSMUSG00000035392	0.20998847	4.95026114	0.56277615	0.71926971
ENSMUSG00000013846	0.20476293	8.11407582	0.56299191	0.71946548
ENSMUSG00000019143	-0.2061661	6.08933582	0.56305965	0.71947206
ENSMUSG00000029610	0.21639949	3.47077165	0.56335669	0.71977161
ENSMUSG00000097574	-0.2384471	2.0541664	0.56350562	0.71988187
ENSMUSG00000033430	-0.2092852	4.84836503	0.5635847	0.71990289
ENSMUSG00000029513	0.20670275	5.6439533	0.56378337	0.72000891
ENSMUSG00000020680	-0.2045326	7.55617009	0.56379297	0.72000891
ENSMUSG00000029016	0.20718369	5.47089102	0.56385717	0.7200109
ENSMUSG00000022106	-0.2078215	4.62349375	0.56398521	0.72009441
ENSMUSG00000022174	0.20696701	5.89061142	0.56407628	0.7201307
ENSMUSG00000026012	0.22158827	3.56614548	0.56473945	0.72089728
ENSMUSG00000050945	-0.2162102	3.35460669	0.56509806	0.72120905
ENSMUSG00000004568	0.20378148	8.11431994	0.56510917	0.72120905
ENSMUSG00000010025	-0.2045882	6.54715205	0.56518166	0.72122149
ENSMUSG00000044906	-0.2075539	4.6446468	0.56535999	0.72123999
ENSMUSG00000031101	0.20341646	8.36198022	0.5653773	0.72123999
ENSMUSG00000016510	0.20925036	4.14983361	0.56538439	0.72123999
ENSMUSG00000005682	0.20371313	7.09347056	0.56604612	0.72200401
ENSMUSG00000034445	0.20350637	6.96104643	0.56619708	0.72211643
ENSMUSG00000031672	0.20426164	5.9933336	0.56659444	0.72252645
ENSMUSG00000027424	0.21452936	3.59514674	0.56664427	0.72252645
ENSMUSG00000020375	-0.2041399	6.08826519	0.56675995	0.72259379
ENSMUSG00000025077	0.2225096	3.14747239	0.56705574	0.72289074
ENSMUSG00000078676	0.20304005	6.95465973	0.56725135	0.72293472
ENSMUSG00000058793	-0.2025342	8.05987786	0.56728347	0.72293472
ENSMUSG00000021018	-0.2119115	4.09693795	0.56732643	0.72293472
ENSMUSG00000040771	-0.204758	5.73304839	0.56734181	0.72293472
ENSMUSG00000059866	0.20680991	4.86124414	0.5676899	0.7232981
ENSMUSG00000031698	-0.218799	3.36592673	0.56787264	0.72345073
ENSMUSG00000006720	0.23943682	2.40158667	0.56822313	0.72373683

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ENSMUSG00000034333	-0.2049306	5.14695035	0.56853097	0.72404869
ENSMUSG00000030879	0.21125473	3.92671736	0.56866915	0.7240678
ENSMUSG00000015702	-0.2189019	2.1405214	0.56867196	0.7240678
ENSMUSG00000021636	-0.2100323	4.38970822	0.56887441	0.72418646
ENSMUSG00000022842	0.24470918	1.58417857	0.56889114	0.72418646
ENSMUSG00000030189	0.20516722	5.1622037	0.56904463	0.72421652
ENSMUSG00000034832	0.20282115	6.75339766	0.56923309	0.72421652
ENSMUSG00000031984	-0.2068826	4.53215304	0.56923314	0.72421652
ENSMUSG00000039842	-0.2043689	4.53212916	0.56923314	0.72421652
ENSMUSG00000020423	0.20121887	9.70372053	0.56926056	0.72421652
ENSMUSG00000085208	-0.2035126	5.86745465	0.56929277	0.72421652
ENSMUSG00000021224	0.20529884	4.92895457	0.56956041	0.72440076
ENSMUSG00000022003	0.20682853	4.25024963	0.56960686	0.72440076
ENSMUSG00000036435	-0.202246	6.085557	0.56962666	0.72440076
ENSMUSG00000024118	0.22481774	2.90539976	0.56969275	0.72440467
ENSMUSG00000045767	-0.201794	6.78193622	0.56992598	0.72462108
ENSMUSG00000068394	-0.2033718	5.30227194	0.57007954	0.72473615
ENSMUSG00000020732	0.21407927	3.7718194	0.57080112	0.72557324
ENSMUSG00000040652	0.20498291	4.54170194	0.57129644	0.72612258
ENSMUSG00000090210	0.21413728	2.56373902	0.57147697	0.72627172
ENSMUSG00000067341	-0.2004554	7.50016122	0.57165172	0.7264135
ENSMUSG00000058444	-0.2041762	4.5191846	0.5718991	0.72664753
ENSMUSG00000030697	0.20067801	6.50376452	0.57233329	0.72711883
ENSMUSG00000052298	-0.199919	7.94302176	0.57246856	0.7272103
ENSMUSG00000001100	0.20316906	4.77921485	0.5725739	0.72726375
ENSMUSG00000025134	-0.2017407	5.54723683	0.5727315	0.72738356
ENSMUSG00000033790	-0.2010891	5.79858906	0.57292393	0.72754757
ENSMUSG00000086914	-0.2565911	1.07567143	0.57301765	0.7275862
ENSMUSG00000091405	-0.2386066	1.9744998	0.57318027	0.7277123
ENSMUSG00000062352	-0.2038796	4.9171	0.57329516	0.72771341
ENSMUSG00000055897	-0.2012586	4.76813125	0.57340358	0.72771341
ENSMUSG00000031146	0.20152436	5.31900283	0.57342313	0.72771341
ENSMUSG00000059363	0.21521643	2.77403065	0.57343437	0.72771341
ENSMUSG00000062054	0.20369841	4.59377802	0.57371751	0.72799235
ENSMUSG00000055991	0.20832847	3.89435463	0.5738303	0.72805511
ENSMUSG00000020415	-0.201032	5.54113483	0.57399175	0.72812512
ENSMUSG00000076570	-0.2492636	1.49745847	0.57401216	0.72812512
ENSMUSG00000060261	0.19979647	6.65762384	0.57412443	0.72817877
ENSMUSG00000044442	-0.2060443	3.85657632	0.57418115	0.72817877
ENSMUSG00000043243	-0.201051	5.45495116	0.57446559	0.72841873
ENSMUSG00000021371	-0.200161	5.88807313	0.5744971	0.72841873
ENSMUSG00000036099	-0.2025073	4.44658966	0.57458639	0.72845159



ENSMUSG0000001166	0.20485882	4.46058515	0.5746791	0.72845747
ENSMUSG00000029136	0.22496516	2.38395971	0.57472698	0.72845747
ENSMUSG00000062590	0.21468257	2.77788572	0.57478907	0.72845747
ENSMUSG00000026826	-0.19904	6.57021778	0.57491362	0.72845747
ENSMUSG00000095682	-0.2314292	1.91024394	0.57492079	0.72845747
ENSMUSG00000028953	0.20029586	5.75262712	0.57497126	0.72845747
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ENSMUSG00000026281	-0.2007365	5.59348652	0.57538793	0.72864811
ENSMUSG00000058064	0.24523441	1.31803014	0.57543867	0.72864811
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ENSMUSG00000037526	0.20379503	4.08618207	0.57636428	0.72957905
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ENSMUSG00000021248	-0.1979398	7.26344978	0.57658402	0.72962721
ENSMUSG00000040018	0.20083324	5.16621379	0.57665008	0.72962721
ENSMUSG00000039523	0.2004286	5.15622382	0.57665621	0.72962721
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ENSMUSG00000070282	-0.2148256	1.0991005	0.5771204	0.72997348
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ENSMUSG00000020137	-0.2066004	4.18145242	0.57797271	0.73048358
ENSMUSG00000041977	0.1987813	5.89794001	0.5780761	0.73048358
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ENSMUSG00000086725	-0.2061404	2.67128289	0.57817345	0.73050095
ENSMUSG00000030966	0.19822108	5.8958767	0.57823647	0.73050095
ENSMUSG00000024982	-0.1995471	5.3687039	0.57831032	0.73051397
ENSMUSG00000020737	0.1979566	6.41075505	0.57838157	0.7305237
ENSMUSG00000025782	-0.1998381	5.10635195	0.57865043	0.73078298
ENSMUSG00000030138	-0.1969308	7.3691823	0.57873194	0.73080563
ENSMUSG00000022179	0.21194218	2.24872484	0.5791723	0.73124558
ENSMUSG00000020413	-0.1988891	5.37754603	0.57920757	0.73124558
ENSMUSG00000021998	-0.1957974	11.4694376	0.57954196	0.73151341
ENSMUSG00000038671	-0.1969909	6.69600074	0.57957426	0.73151341
ENSMUSG00000065037	0.22584855	2.67405649	0.57961062	0.73151341
ENSMUSG00000030979	-0.1983004	5.41233107	0.57996029	0.73187436
ENSMUSG00000029204	0.19646192	7.16726073	0.58011376	0.73198767

ENSMUSG00000063281	-0.1982845	5.62839762	0.58025002	0.73207924
ENSMUSG00000027082	-0.2111249	2.11914063	0.58060272	0.73244384
ENSMUSG00000001786	-0.1971909	5.69915188	0.58085042	0.73267591
ENSMUSG00000039067	0.19680922	5.83264263	0.5809144	0.73267622
ENSMUSG00000016664	0.19678516	6.05442456	0.58101157	0.73271837
ENSMUSG00000078502	-0.2060671	3.10938923	0.58125402	0.73294372
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ENSMUSG00000005907	-0.1980011	4.91440453	0.58229069	0.73404977
ENSMUSG00000101892	0.21795301	2.64284676	0.58234638	0.73404977
ENSMUSG00000028617	-0.2014445	4.39205277	0.58252339	0.73404977
ENSMUSG00000030647	0.21812686	2.76754016	0.58265873	0.73404977
ENSMUSG00000061758	0.19871986	4.99632888	0.58266407	0.73404977
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ENSMUSG00000005899	0.19774236	5.29022377	0.58271176	0.73404977
ENSMUSG00000032392	0.20676037	3.2941772	0.58272067	0.73404977
ENSMUSG00000030649	-0.1974405	4.68915962	0.58276974	0.73404977
ENSMUSG00000045231	0.22177226	2.84445683	0.58283617	0.734053
ENSMUSG00000031145	0.20301435	4.31546735	0.58328902	0.73454286
ENSMUSG00000030986	0.19734997	4.60039215	0.58370063	0.73498069
ENSMUSG00000079197	0.1941948	7.22180882	0.58378733	0.73500935
ENSMUSG00000021918	-0.2044871	3.59257082	0.58405408	0.73526466
ENSMUSG00000024067	-0.1988723	4.42329827	0.58432206	0.73552147
ENSMUSG00000062861	-0.1989967	3.98517236	0.58444319	0.73557314
ENSMUSG00000090262	-0.1998876	4.14706488	0.58457134	0.73557314
ENSMUSG00000018001	0.20169978	4.23788548	0.58463508	0.73557314
ENSMUSG00000038072	0.19649824	5.57357141	0.58464929	0.73557314
ENSMUSG00000053581	-0.1942782	6.94096599	0.58468306	0.73557314
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ENSMUSG00000035759	-0.2695156	1.11544736	0.58510366	0.7359412
ENSMUSG00000028619	-0.1957661	5.18386568	0.58540353	0.73623781
ENSMUSG00000025470	0.19726303	4.24137429	0.58561974	0.73642916
ENSMUSG00000027495	-0.1964401	4.86668801	0.58613919	0.73697955
ENSMUSG00000031877	0.19718601	4.61461797	0.58618565	0.73697955
ENSMUSG00000003429	-0.1920596	9.90252281	0.58698757	0.73790706
ENSMUSG00000028907	-0.1943487	5.50710008	0.58710964	0.7379798
ENSMUSG00000021880	0.19297632	6.78080589	0.58747925	0.73836366
ENSMUSG00000025612	0.19452106	5.76988898	0.58762909	0.73837947
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ENSMUSG00000021461	-0.1960634	4.805626	0.58768454	0.73837947
ENSMUSG00000023147	0.20431193	3.6104327	0.58784544	0.73843629
ENSMUSG00000028124	-0.1946488	5.25053795	0.58794131	0.73843629
ENSMUSG00000031107	-0.2054355	3.51661211	0.58797789	0.73843629
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ENSMUSG00000022828	-0.194826	5.16861627	0.58808646	0.73848087
ENSMUSG00000035824	0.19258287	6.65411098	0.58853517	0.73892901
ENSMUSG00000075033	-0.1922969	6.84418105	0.5885719	0.73892901
ENSMUSG00000027324	0.20655291	3.08231636	0.58870304	0.7389509
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ENSMUSG00000022451	-0.1929988	5.76503285	0.58887194	0.73906354
ENSMUSG00000021975	-0.1938743	5.46079648	0.5890563	0.73916915
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ENSMUSG00000031604	0.19399953	5.3049483	0.58938039	0.73937876
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ENSMUSG00000073436	0.19807368	4.22774025	0.58959143	0.7394542
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ENSMUSG00000028673	0.19095357	6.95724621	0.5906912	0.74061904
ENSMUSG00000026174	-0.1921233	5.75857778	0.5908793	0.7407183
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ENSMUSG00000061778	-0.191756	5.26397508	0.59208081	0.74131468
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ENSMUSG00000065147	0.24918645	1.48833577	0.59224832	0.74131468
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ENSMUSG00000021905	-0.1932978	4.69757007	0.59227786	0.74131468
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ENSMUSG00000057841	0.18890989	9.47272288	0.59310399	0.74194476
ENSMUSG00000027244	0.19149577	5.52984455	0.59317055	0.74194728
ENSMUSG00000048696	0.22759067	1.98654573	0.5933467	0.74202302
ENSMUSG00000031536	-0.1931425	4.92059739	0.59336021	0.74202302
ENSMUSG00000035234	-0.1937474	4.05305825	0.5934433	0.7420462
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ENSMUSG00000038393	-0.1885192	9.70660605	0.59392248	0.74241195
ENSMUSG00000032425	-0.1939192	4.31594895	0.59404499	0.74241195

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ENSMUSG00000057134	-0.1917791	4.92766292	0.59423069	0.74246541
ENSMUSG00000049687	-0.2082956	2.81526446	0.59438453	0.74257691
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ENSMUSG00000020513	-0.1952197	3.91965145	0.59480549	0.74294133
ENSMUSG00000028580	-0.1887568	7.06023978	0.59488567	0.74296076
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ENSMUSG00000034379	-0.192198	4.2184794	0.59512276	0.74309538
ENSMUSG00000032952	-0.1890814	5.98835472	0.59524057	0.74316177
ENSMUSG00000040112	-0.1924046	4.46711991	0.59533589	0.74320005
ENSMUSG00000086360	0.21746238	1.42094387	0.59569159	0.7434335
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ENSMUSG00000024601	-0.190054	5.3802883	0.59584073	0.7435073
ENSMUSG00000040592	0.18729442	9.93164676	0.59622854	0.74391046
ENSMUSG00000052906	-0.1921857	4.17759817	0.5964211	0.74405893
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ENSMUSG00000076437	0.19906103	3.32149367	0.59658888	0.74411775
ENSMUSG00000085148	-0.1896448	4.63203793	0.59676173	0.74425258
ENSMUSG00000032254	-0.1905427	4.85832321	0.59694573	0.74440129
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ENSMUSG00000039414	-0.1876449	5.84694922	0.5988259	0.746422
ENSMUSG00000093930	0.18724883	6.25668308	0.59898315	0.74650845
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ENSMUSG00000002329	0.18731583	5.98629872	0.59910939	0.74650845
ENSMUSG00000062070	-0.1881217	5.89018624	0.59915502	0.74650845
ENSMUSG00000001289	0.18619227	6.78618355	0.59960995	0.7469943
ENSMUSG00000035529	-0.1868222	6.21504443	0.59982646	0.74718305
ENSMUSG00000052749	-0.1857347	7.25865387	0.60045285	0.74783189
ENSMUSG00000037315	-0.190606	4.28293174	0.60047746	0.74783189
ENSMUSG00000019873	0.18674654	6.38616427	0.60070331	0.74798585
ENSMUSG00000034152	-0.1860232	6.57668858	0.60077335	0.74798585
ENSMUSG00000023156	-0.1914037	3.74684051	0.60079629	0.74798585
ENSMUSG00000021103	-0.1954877	3.63933974	0.60119527	0.74836524
ENSMUSG00000022668	-0.1940182	3.1257156	0.60123123	0.74836524
ENSMUSG00000097944	-0.2084782	2.08415674	0.60138054	0.74847005
ENSMUSG00000021725	0.18569485	6.63148755	0.60182492	0.74894202
ENSMUSG00000021234	-0.2222751	1.41635688	0.60203759	0.74912558
ENSMUSG00000052459	-0.185433	6.37493027	0.60228755	0.74929702

ENSMUSG00000037514	-0.1856506	6.40928607	0.60230574	0.74929702
ENSMUSG00000031907	0.18958386	4.4451495	0.60240032	0.74933359
ENSMUSG00000089993	-0.2233888	1.71410425	0.60248086	0.74935268
ENSMUSG00000032518	0.18381623	9.45303164	0.60313424	0.75008418
ENSMUSG00000096401	-0.2042023	2.28266755	0.60335908	0.75028263
ENSMUSG00000010277	-0.1834625	8.72409661	0.6040686	0.75101788
ENSMUSG00000038544	-0.1851932	5.71031042	0.60408102	0.75101788
ENSMUSG00000025047	0.1847089	6.37645469	0.60417048	0.75104787
ENSMUSG00000028629	0.19258101	3.90311206	0.60429542	0.75106157
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ENSMUSG00000007035	-0.1881041	2.93318936	0.60571769	0.75260249
ENSMUSG00000071662	-0.1845635	5.86867432	0.60573204	0.75260249
ENSMUSG00000042487	0.18824323	4.48316563	0.60574843	0.75260249
ENSMUSG00000031393	-0.1829829	6.62843146	0.60599412	0.75275537
ENSMUSG00000022802	0.22141274	1.64609478	0.60600245	0.75275537
ENSMUSG00000029993	0.18707208	4.74219884	0.60669292	0.75353162
ENSMUSG00000030990	-0.18515	4.86443587	0.60689664	0.75365591
ENSMUSG00000027752	-0.1837032	5.8135839	0.60692412	0.75365591
ENSMUSG00000030058	0.18221485	7.43652893	0.60732581	0.75407325
ENSMUSG00000041775	-0.1836579	5.51481276	0.60752451	0.754107
ENSMUSG00000028234	-0.1815755	9.54801543	0.60756201	0.754107
ENSMUSG00000071866	-0.1817183	8.55765494	0.6076057	0.754107
ENSMUSG00000024217	-0.1856525	4.55268821	0.6076154	0.754107
ENSMUSG00000039449	-0.1826808	6.47822971	0.60782375	0.75428415
ENSMUSG00000023572	-0.1826816	6.37623284	0.60814115	0.75459656
ENSMUSG00000021385	-0.1887302	4.04560348	0.60824033	0.75463817
ENSMUSG00000050973	0.20117475	2.83670295	0.60845156	0.75481877
ENSMUSG00000024556	-0.1823468	6.34192072	0.60858765	0.75490612
ENSMUSG00000021326	-0.1823984	6.4444414	0.60879103	0.75501616
ENSMUSG00000031916	0.18282076	5.23212986	0.60880773	0.75501616
ENSMUSG00000079426	-0.1817023	6.83740992	0.60909602	0.75526926
ENSMUSG00000051346	-0.1904785	3.02553046	0.60914322	0.75526926
ENSMUSG00000003166	0.18240386	5.76728311	0.60956254	0.75570766
ENSMUSG00000032077	0.18337344	4.89099462	0.60965697	0.75574321
ENSMUSG00000028088	-0.1836564	4.42005682	0.60973186	0.75575455
ENSMUSG00000015488	0.18286533	5.58350707	0.61005021	0.75585899
ENSMUSG00000031360	-0.1809429	7.21445775	0.61012816	0.75585899
ENSMUSG00000034290	-0.1806026	7.84509698	0.61013168	0.75585899
ENSMUSG00000007415	-0.1837663	5.29547612	0.61017676	0.75585899
ENSMUSG00000017802	-0.18071	7.65809992	0.61017899	0.75585899
ENSMUSG00000071068	0.18032063	7.95159584	0.61021065	0.75585899
ENSMUSG00000025453	-0.1812763	5.15886958	0.61031143	0.75589761
ENSMUSG00000030522	-0.1837138	3.58169311	0.61037334	0.75589761

ENSMUSG00000045757	0.19067847	3.40833407	0.6108998	0.75643939
ENSMUSG00000037296	-0.1876065	4.02199849	0.61094243	0.75643939
ENSMUSG00000074802	-0.1980572	2.12428406	0.61130347	0.75677829
ENSMUSG00000044894	0.19491116	2.96527577	0.61134782	0.75677829
ENSMUSG00000025873	0.18080861	6.37335848	0.61158393	0.75692649
ENSMUSG00000037029	-0.1814455	5.74715028	0.61159924	0.75692649
ENSMUSG00000001521	0.18998658	3.00322863	0.61184961	0.75715484
ENSMUSG00000027637	-0.1815782	5.60173484	0.61206676	0.75734202
ENSMUSG00000030188	-0.1858947	3.10432072	0.61220591	0.75743267
ENSMUSG00000007880	-0.179246	8.81522068	0.61230326	0.75747158
ENSMUSG00000028565	0.21952493	1.75578704	0.61259213	0.757637
ENSMUSG00000028060	-0.1797749	6.94329248	0.61261356	0.757637
ENSMUSG00000027075	-0.1811869	5.74097259	0.6126347	0.757637
ENSMUSG00000005982	0.18014021	6.44795301	0.61292168	0.75791036
ENSMUSG00000020228	-0.1803698	5.6390125	0.61329318	0.75828817
ENSMUSG00000018858	0.18623274	3.62378956	0.61357098	0.75855006
ENSMUSG00000041629	0.18283722	4.3428607	0.61435724	0.75944042
ENSMUSG00000031591	0.17945472	6.62080342	0.61443159	0.75945066
ENSMUSG00000021902	-0.1830245	4.41277532	0.61474123	0.75975168
ENSMUSG00000032078	0.17894518	6.38117624	0.61488997	0.75985381
ENSMUSG00000021595	-0.1782462	7.23848581	0.61543202	0.76044191
ENSMUSG00000037957	-0.1807148	4.68002353	0.61576511	0.7607717
ENSMUSG00000025646	0.18377105	4.19672936	0.61585756	0.76079264
ENSMUSG00000068299	-0.1892889	2.78352718	0.61595891	0.76079264
ENSMUSG00000004270	0.18155966	4.96159386	0.61598061	0.76079264
ENSMUSG00000021102	-0.1870019	4.04293326	0.61629467	0.76107184
ENSMUSG00000029534	-0.1862953	3.48141543	0.61633908	0.76107184
ENSMUSG00000022849	0.18852557	3.76992382	0.61641821	0.76108779
ENSMUSG00000026675	-0.1825523	4.24560311	0.61680509	0.76148368
ENSMUSG00000062169	-0.1831402	4.52906286	0.61703235	0.76167574
ENSMUSG00000040761	0.17899367	6.0121884	0.61709319	0.76167574
ENSMUSG00000072568	-0.1774397	6.43421337	0.61791093	0.76257413
ENSMUSG00000029538	0.17898354	4.9556103	0.61798895	0.76257413
ENSMUSG00000046032	-0.1785941	5.45343566	0.61802006	0.76257413
ENSMUSG00000074797	0.18095158	4.34368768	0.6180889	0.76257721
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ENSMUSG00000074748	-0.1767302	7.16274081	0.61866254	0.76297819
ENSMUSG00000041491	0.18394259	3.96222508	0.61869098	0.76297819
ENSMUSG00000020485	0.17733287	5.78059717	0.61874578	0.76297819
ENSMUSG00000047187	-0.1777843	5.92138606	0.6188403	0.76298792
ENSMUSG00000022312	-0.1762681	7.8642413	0.61888641	0.76298792
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ENSMUSG00000034177	0.19255693	2.66729649	0.61987298	0.76371274
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ENSMUSG00000095200	-0.1900699	3.03823149	0.62031684	0.76401964
ENSMUSG00000051232	-0.1804773	4.47714408	0.62032147	0.76401964
ENSMUSG00000070493	-0.1764668	6.54736423	0.62042165	0.76406116
ENSMUSG00000049354	-0.1752595	7.73393271	0.62078363	0.76442505
ENSMUSG00000024654	0.17817913	5.10700191	0.6210957	0.7647274
ENSMUSG00000037742	-0.1745263	13.1645848	0.6213119	0.76483138
ENSMUSG00000033557	-0.1757704	6.43723226	0.62131322	0.76483138
ENSMUSG00000035539	0.21641892	1.70821703	0.6215833	0.76508192
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ENSMUSG00000027509	0.17572336	6.01104479	0.62219228	0.76543947
ENSMUSG00000021007	-0.2185995	1.00983376	0.62223575	0.76543947
ENSMUSG00000026608	-0.1761615	5.80705198	0.62227332	0.76543947
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ENSMUSG00000027397	-0.1741572	7.97088688	0.62267888	0.76573338
ENSMUSG00000021823	0.17746948	5.28378067	0.6227121	0.76573338
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ENSMUSG00000029836	-0.1750055	6.5867867	0.62330914	0.76630359
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ENSMUSG00000001924	0.17322796	8.54006434	0.62429996	0.7672621
ENSMUSG00000034522	-0.1764936	4.66909688	0.62435578	0.7672621
ENSMUSG00000040855	0.25514371	0.27953315	0.62443712	0.76728003
ENSMUSG00000030609	0.17569716	5.09429078	0.62487075	0.76773078
ENSMUSG00000052395	0.1781873	4.57630086	0.62523726	0.768099
ENSMUSG00000020402	-0.1739829	6.41443877	0.6254017	0.76821891
ENSMUSG00000037885	0.17613298	4.88816205	0.62564984	0.76837778
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ENSMUSG00000022194	0.17540719	5.23372636	0.62604593	0.76848036
ENSMUSG00000031835	0.1730346	7.00496394	0.62608252	0.76848036
ENSMUSG00000053617	0.17316906	6.84834396	0.62633408	0.76867184
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ENSMUSG00000074884	-0.1724603	7.03974991	0.62693264	0.7691132
ENSMUSG00000026790	0.17261125	6.74686076	0.62703406	0.76915553
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ENSMUSG00000025008	0.17746754	4.01900688	0.62743259	0.76934911
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ENSMUSG00000024486	0.23115002	0.90819284	0.62918268	0.77106988
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ENSMUSG00000057101	-0.1717287	6.09140584	0.63004398	0.77161256
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ENSMUSG00000038368	-0.1755213	4.12044154	0.63056005	0.77193823
ENSMUSG00000022876	0.17149118	6.40893148	0.63057851	0.77193823
ENSMUSG00000030722	-0.1720631	5.74196273	0.63076572	0.77206901
ENSMUSG00000037805	0.17024862	7.66932684	0.63081968	0.77206901
ENSMUSG00000041720	-0.1701623	7.85685287	0.6309448	0.77213994
ENSMUSG00000070305	0.17603368	4.07001422	0.63106135	0.77220036
ENSMUSG00000024646	0.1717773	5.75852036	0.63121964	0.77224053
ENSMUSG00000030888	-0.1730701	5.36516441	0.63125961	0.77224053
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ENSMUSG00000040354	0.17085284	6.13876819	0.63160177	0.77241457
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ENSMUSG00000046179	0.17419469	4.47292094	0.63209298	0.77286136
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ENSMUSG00000027078	0.17139873	5.46368375	0.63235674	0.77286576
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ENSMUSG00000029146	0.17040915	6.07427458	0.63241195	0.77286576
ENSMUSG00000038102	-0.1701865	6.43348327	0.63252592	0.77292287
ENSMUSG00000034285	-0.1732749	4.26609848	0.63276385	0.77310613
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ENSMUSG00000040429	-0.1891139	2.5179756	0.63297608	0.77314419
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ENSMUSG0000000976	0.17004571	6.28953437	0.63333816	0.77350426
ENSMUSG0000002898	0.17241953	4.60464155	0.63344211	0.77354904
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ENSMUSG00000030263	0.16838198	7.62946833	0.63508409	0.77503314
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ENSMUSG00000028332	-0.1696226	6.15363155	0.63526422	0.77503314
ENSMUSG00000067367	-0.1717887	4.80221847	0.6354968	0.77523461
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ENSMUSG00000054309	-0.1679572	7.40984911	0.6358289	0.77539647
ENSMUSG00000044968	-0.2029192	1.86319415	0.63583185	0.77539647
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ENSMUSG00000039159	-0.1681951	6.27511197	0.63687833	0.77580134
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ENSMUSG00000029416	0.16730472	7.21425976	0.63715931	0.77580134
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ENSMUSG00000006585	-0.1694076	5.30191174	0.63729411	0.77580134
ENSMUSG00000020755	0.168471	5.8055027	0.63731119	0.77580134
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ENSMUSG00000032698	-0.1667829	7.74288886	0.63785178	0.77613065
ENSMUSG00000030468	0.16630665	9.63920278	0.63805103	0.77629091
ENSMUSG00000029038	0.16824524	5.71821108	0.63811918	0.77629167
ENSMUSG00000025921	-0.1731163	3.905714	0.63844334	0.77652701
ENSMUSG00000028882	0.16772794	5.46596583	0.63847413	0.77652701
ENSMUSG00000021708	0.17653337	3.88534129	0.63855416	0.77652701
ENSMUSG00000032939	-0.1679791	5.87690605	0.63865854	0.77652701
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ENSMUSG00000031700	0.17172242	1.60677969	0.63902795	0.77673958
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ENSMUSG00000026812	-0.166406	6.57767	0.63941573	0.77701342
ENSMUSG00000040725	0.16599254	7.77064093	0.63945602	0.77701342
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ENSMUSG00000076934	0.16623756	7.16389729	0.63982035	0.77712752
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ENSMUSG00000026634	-0.1656126	6.90848344	0.64080957	0.7776734
ENSMUSG00000096910	-0.1820726	2.37936442	0.64096863	0.7776734
ENSMUSG00000038212	-0.1659347	6.52882094	0.64099868	0.7776734
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ENSMUSG00000100033	-0.2270771	1.71048942	0.64107795	0.7776734
ENSMUSG00000033416	-0.1655463	6.84598217	0.64108162	0.7776734
ENSMUSG00000090626	0.17256083	4.41054073	0.64135247	0.77791987
ENSMUSG00000056851	-0.1647564	9.01330013	0.64142187	0.77792197
ENSMUSG00000046688	0.16728214	5.49981635	0.64156267	0.77793221
ENSMUSG00000036632	-0.1677519	4.97949099	0.64156567	0.77793221
ENSMUSG00000057135	0.168582	4.71200417	0.64185732	0.7781981
ENSMUSG00000029056	0.16627376	5.79299407	0.64192035	0.7781981
ENSMUSG00000036006	-0.1643223	8.90258098	0.64223384	0.77849604
ENSMUSG00000052962	-0.170531	4.04407508	0.64237525	0.77858535
ENSMUSG00000030082	0.16489014	7.14283955	0.64246689	0.77861433
ENSMUSG00000014763	-0.1651301	6.30516615	0.64272606	0.77882284
ENSMUSG00000003039	0.16500633	6.4280608	0.64277444	0.77882284
ENSMUSG00000043091	0.16851757	4.60160993	0.64305005	0.77907466
ENSMUSG00000028936	-0.1640585	8.26238726	0.64312587	0.7790844
ENSMUSG00000052997	-0.1644704	7.1325639	0.64325183	0.77910319
ENSMUSG00000021990	-0.164792	6.34874363	0.64327694	0.77910319
ENSMUSG00000030750	-0.1659776	5.40714341	0.64345978	0.77921347
ENSMUSG00000022412	0.16594603	5.70196613	0.64350356	0.77921347
ENSMUSG00000003235	0.16444067	6.13969668	0.64370638	0.77937695
ENSMUSG00000026851	0.16474655	5.96672239	0.64386589	0.77948799
ENSMUSG00000020818	0.16911584	4.42523711	0.64405142	0.77963048
ENSMUSG00000094840	0.19296246	2.9442288	0.64439291	0.77996173

ENSMUSG00000068184	-0.1883994	2.13514928	0.64448449	0.77999044
ENSMUSG00000019734	0.1728508	3.58421784	0.64531505	0.78082728
ENSMUSG00000037251	0.16879109	4.15112481	0.64538522	0.78082728
ENSMUSG00000019977	-0.1638983	6.17397453	0.64548474	0.78082728
ENSMUSG00000037434	-0.1651948	5.16236497	0.64551229	0.78082728
ENSMUSG00000028223	-0.1659615	4.73471012	0.64551558	0.78082728
ENSMUSG00000033918	-0.164409	5.24279205	0.64567699	0.7808992
ENSMUSG00000047003	0.16957049	2.68624848	0.64571091	0.7808992
ENSMUSG00000036781	-0.1683791	4.2233843	0.6460293	0.78120206
ENSMUSG00000025571	-0.1622638	6.819659	0.64681191	0.78200794
ENSMUSG00000013701	-0.1667326	4.1924185	0.6468318	0.78200794
ENSMUSG00000032381	-0.1640778	5.4170556	0.64706264	0.78220476
ENSMUSG00000048307	0.16611366	4.7396333	0.64727785	0.78238263
ENSMUSG00000063535	-0.1779621	2.64061919	0.64746839	0.78253067
ENSMUSG00000030532	0.21942155	1.1461244	0.64764817	0.78266565
ENSMUSG00000032565	0.16569161	4.30168451	0.64826843	0.78333287
ENSMUSG00000026563	-0.1636442	5.13913001	0.64855854	0.78360106
ENSMUSG00000021928	-0.1774964	2.64230298	0.64873616	0.78373329
ENSMUSG00000016181	-0.1633723	5.32135741	0.6489616	0.78386798
ENSMUSG00000064210	-0.1614865	6.77329287	0.64900811	0.78386798
ENSMUSG00000029196	0.16289372	5.4546102	0.64905223	0.78386798
ENSMUSG00000004096	-0.1620789	6.60837285	0.6492335	0.78400453
ENSMUSG00000045466	-0.1627603	4.99768422	0.64951618	0.78426349
ENSMUSG00000034274	0.16221437	5.71676413	0.64968238	0.78438178
ENSMUSG00000001674	-0.1624158	5.79583757	0.6499061	0.78456948
ENSMUSG00000033016	-0.1606368	7.20637079	0.65033825	0.78500873
ENSMUSG00000066643	-0.1907458	1.74219297	0.65043099	0.78502972
ENSMUSG00000010110	-0.1607827	6.82529174	0.65049222	0.78502972
ENSMUSG00000044475	0.16544792	4.11987231	0.65063146	0.78511533
ENSMUSG00000030983	-0.1612057	6.11850064	0.65126628	0.78579888
ENSMUSG00000042213	-0.165979	1.6398968	0.6515409	0.78604771
ENSMUSG00000096780	0.17347412	3.17729482	0.6517966	0.78627368
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ENSMUSG00000020185	-0.1905162	1.54963121	0.65278036	0.78725673
ENSMUSG00000038046	0.1725313	2.44296462	0.65281698	0.78725673
ENSMUSG00000007338	0.16187496	5.01965039	0.65307649	0.78745399
ENSMUSG00000022125	-0.1601854	5.95987367	0.65311756	0.78745399
ENSMUSG00000023947	0.15934758	7.29017925	0.65318694	0.78745505
ENSMUSG00000028911	0.16139612	5.63643631	0.65365478	0.78785042
ENSMUSG00000021815	-0.1708198	2.37256851	0.65365502	0.78785042
ENSMUSG00000037617	-0.1780258	2.66719832	0.65372051	0.78785042
ENSMUSG00000087060	-0.2156611	0.85989119	0.65413434	0.78826651
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ENSMUSG00000039253	-0.1626408	4.69028689	0.65593905	0.78969621
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ENSMUSG00000040430	-0.1583098	5.80874998	0.65704062	0.79069116
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ENSMUSG00000029502	-0.1572299	6.70670363	0.65829358	0.79142705
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ENSMUSG00000018442	-0.1581167	5.55375673	0.65854324	0.79158784
ENSMUSG00000035212	0.15803227	5.81544528	0.65884202	0.79186418
ENSMUSG00000068917	0.15678372	6.89198169	0.65892424	0.7918802
ENSMUSG00000032788	-0.1571358	5.868405	0.65936139	0.79230741
ENSMUSG00000041777	-0.1589343	4.95196759	0.65943632	0.79230741
ENSMUSG00000038128	0.20386955	2.13301553	0.6594865	0.79230741
ENSMUSG00000019494	0.15777289	5.46513443	0.65961047	0.79237353
ENSMUSG00000046010	-0.1596275	4.47890569	0.65973345	0.79243846
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ENSMUSG00000087538	-0.1781865	1.69172639	0.6609605	0.79291807
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ENSMUSG00000029209	-0.1593062	4.32752591	0.66163408	0.79341849
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ENSMUSG00000020700	0.15507074	7.15878478	0.6618185	0.79345053
ENSMUSG00000068742	-0.1579883	4.29532058	0.66190501	0.79347149
ENSMUSG00000028545	0.15906776	4.86043713	0.66222382	0.79377089
ENSMUSG00000064037	-0.1569928	5.38977252	0.66254071	0.79402092
ENSMUSG00000025402	0.15435694	4.38662857	0.66257057	0.79402092
ENSMUSG00000059708	-0.1584463	4.13642787	0.6630711	0.79453792
ENSMUSG00000016487	0.16155408	3.99525058	0.66315024	0.79454993
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ENSMUSG00000057193	-0.1539514	8.70380665	0.66348472	0.79455163
ENSMUSG00000030844	-0.1580506	4.46544722	0.66351821	0.79455163
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ENSMUSG00000024357	0.16208036	3.74319285	0.66355639	0.79455163
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ENSMUSG00000032044	0.15577521	4.86145576	0.66521047	0.79536035
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ENSMUSG00000029434	0.15401589	6.17389016	0.66616854	0.79625739
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ENSMUSG00000016946	0.15515613	4.7894875	0.66656796	0.79648635
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ENSMUSG00000003660	-0.1514366	8.48049978	0.66867059	0.7977549
ENSMUSG00000028096	-0.154059	4.85296288	0.66896598	0.79802448
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ENSMUSG00000018401	-0.1514384	7.21797818	0.66968067	0.79827283
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ENSMUSG00000027522	-0.151104	7.11184774	0.66988405	0.79827283
ENSMUSG00000027309	-0.1524936	5.32429702	0.66996371	0.79827283
ENSMUSG00000036299	-0.1529811	5.33134106	0.6700157	0.79827283
ENSMUSG00000036285	-0.1556268	4.64821278	0.67007695	0.79827283
ENSMUSG00000021497	-0.1548524	4.02926276	0.67033323	0.79849538
ENSMUSG00000028851	0.15127601	6.09771822	0.6705767	0.79870264
ENSMUSG00000053460	0.15618355	3.80282527	0.67087724	0.79896035
ENSMUSG00000006418	0.15054903	7.26158906	0.67093208	0.79896035
ENSMUSG00000100493	0.16180792	2.03950984	0.67150543	0.79956027
ENSMUSG00000041849	-0.1504418	7.53860825	0.67157588	0.79956134
ENSMUSG00000029027	-0.1528734	4.17783397	0.67173209	0.7995846
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ENSMUSG00000024687	-0.1503839	6.95129261	0.67190203	0.7995846
ENSMUSG00000079469	-0.1525266	4.4728843	0.67192081	0.7995846
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ENSMUSG00000018567	-0.1494153	8.08814527	0.67310278	0.800712
ENSMUSG00000001999	0.15347353	4.43306122	0.67314567	0.800712
ENSMUSG00000028847	0.15209382	4.98701316	0.67317398	0.800712
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ENSMUSG00000079477	0.14933451	7.83588433	0.67335125	0.80076273
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ENSMUSG00000030706	-0.1538608	4.36819773	0.6737938	0.8010781
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ENSMUSG00000085823	0.15691622	3.54573386	0.67423329	0.80148001
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ENSMUSG00000039652	-0.161971	2.12415533	0.67470602	0.80187611
ENSMUSG00000038848	-0.1494248	6.43546943	0.67512167	0.80228715
ENSMUSG00000019843	0.14915363	6.37115359	0.67540645	0.8025426
ENSMUSG00000036941	0.15139388	5.05751975	0.67551799	0.80259218
ENSMUSG00000014426	0.14975754	5.44342547	0.67572523	0.80275543
ENSMUSG00000042229	-0.1503227	5.37347412	0.67604811	0.80295063
ENSMUSG00000029458	0.14865061	6.31951906	0.67606028	0.80295063
ENSMUSG00000014668	-0.1484921	6.70528823	0.6761507	0.80295063
ENSMUSG00000020894	-0.1477939	7.99650738	0.67625219	0.80295063
ENSMUSG00000073422	0.18460324	1.1410948	0.6762541	0.80295063
ENSMUSG00000061544	-0.1637717	2.42730899	0.67630865	0.80295063
ENSMUSG00000037370	-0.1488076	5.99001729	0.67639416	0.80296921
ENSMUSG00000002055	-0.1515897	4.60512468	0.67675111	0.80331
ENSMUSG00000021910	0.14772869	8.01236867	0.67686765	0.80332524
ENSMUSG00000020571	0.14763055	7.46339893	0.67690372	0.80332524
ENSMUSG00000000278	0.14775646	6.94755176	0.67719802	0.80354006
ENSMUSG00000024350	-0.1501064	4.83940529	0.67722455	0.80354006
ENSMUSG00000032415	-0.1945298	1.55758825	0.67735817	0.80361567
ENSMUSG00000014633	0.15743296	2.23077302	0.67752625	0.80373212
ENSMUSG00000039509	-0.1483836	5.73162153	0.67781595	0.80399281
ENSMUSG00000035239	0.18384743	2.14343567	0.67800512	0.80410932
ENSMUSG00000022681	-0.1483472	5.49243672	0.67805408	0.80410932
ENSMUSG00000027671	-0.1482683	5.98438208	0.67825136	0.80418377
ENSMUSG00000035208	-0.14716	7.17807821	0.67827075	0.80418377
ENSMUSG00000034189	0.14823442	5.7699479	0.67832674	0.80418377
ENSMUSG00000025340	-0.147856	5.43887815	0.67862449	0.80439621
ENSMUSG00000039055	0.17629311	1.31421308	0.67864588	0.80439621
ENSMUSG00000094951	0.15047754	4.03219444	0.67981769	0.80570207
ENSMUSG00000025332	0.14663039	7.36760783	0.68004918	0.80582499
ENSMUSG00000025809	0.14646295	7.16056499	0.68009315	0.80582499
ENSMUSG00000030868	-0.1465888	6.92860232	0.68019239	0.80582499
ENSMUSG00000076589	-0.2377859	0.98030378	0.68021185	0.80582499
ENSMUSG00000001175	-0.1457434	9.22103689	0.68027192	0.80582499
ENSMUSG00000076665	-0.15716	3.89717442	0.68052124	0.80591755
ENSMUSG00000025428	0.14563752	8.73057233	0.6806005	0.80591755
ENSMUSG00000027650	-0.1469055	6.01869115	0.68060176	0.80591755
ENSMUSG00000020454	-0.1461732	7.06176589	0.68067796	0.80591755
ENSMUSG00000079363	-0.1459964	7.1699194	0.68070061	0.80591755
ENSMUSG00000073400	-0.147993	5.52485123	0.68092521	0.80610044
ENSMUSG00000028771	-0.1469407	5.42507372	0.68198437	0.80727117
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ENSMUSG00000028431	-0.1456819	6.17400141	0.68215549	0.80730746
ENSMUSG00000001700	-0.1452059	7.46958646	0.68242442	0.80737812
ENSMUSG00000028974	0.1467808	5.01935715	0.68254202	0.80737812
ENSMUSG00000040669	0.14815019	4.82211618	0.68260788	0.80737812
ENSMUSG00000032235	-0.1457803	6.14626713	0.68266639	0.80737812
ENSMUSG00000044948	0.14503621	6.54399031	0.68270533	0.80737812
ENSMUSG00000033272	0.14605284	5.70502804	0.68285034	0.80737812
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ENSMUSG00000039145	0.14524563	6.98511758	0.68297658	0.80737812
ENSMUSG00000027890	0.16013113	2.5853717	0.68301592	0.80737812
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ENSMUSG00000055817	0.14566349	6.18821276	0.68325466	0.80750965
ENSMUSG00000037461	-0.1450717	6.45816415	0.68330982	0.80750965
ENSMUSG00000074272	-0.1453359	6.57031703	0.6835546	0.80763135
ENSMUSG00000046897	0.14434606	7.93826181	0.68356887	0.80763135
ENSMUSG00000098022	-0.218592	1.01035078	0.68362357	0.80763135
ENSMUSG00000095253	-0.1484047	4.19656975	0.68397496	0.80796344
ENSMUSG00000033444	-0.1442029	7.35460037	0.68438011	0.80835896
ENSMUSG00000050957	0.15856422	2.76447006	0.68464831	0.80856505
ENSMUSG00000076523	-0.1481399	5.23777348	0.68469528	0.80856505
ENSMUSG00000030738	-0.1437242	8.38973471	0.68481594	0.80862447
ENSMUSG00000062202	0.14558773	5.37024389	0.68506767	0.80883863
ENSMUSG00000066647	-0.1663939	2.47198626	0.68557288	0.80931643
ENSMUSG00000048668	0.14653917	4.86093498	0.6856158	0.80931643
ENSMUSG00000028163	0.14325228	8.29732016	0.68568358	0.80931643
ENSMUSG00000056091	0.14658292	4.86118704	0.68600914	0.80961756
ENSMUSG00000054715	-0.1493061	3.85126442	0.68633477	0.80984224
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ENSMUSG00000057649	-0.1439694	6.19660936	0.68655803	0.81001586
ENSMUSG00000017176	0.14590417	4.7939999	0.68668117	0.810078
ENSMUSG00000022972	0.15918167	2.77535678	0.6867585	0.81008609
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ENSMUSG00000024104	-0.1424454	7.64412836	0.68777445	0.81078529
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ENSMUSG00000021891	-0.1449583	4.81545308	0.68866526	0.81150253



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ENSMUSG00000028797	0.13999989	6.7332191	0.69389028	0.81498608
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ENSMUSG00000073236	-0.1983907	1.24592419	0.69422841	0.81513336
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ENSMUSG00000091512	0.14354282	4.23344315	0.69484672	0.81552614
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ENSMUSG00000070705	0.1935096	1.3962114	0.69733828	0.81749948
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ENSMUSG00000019842	-0.1333692	5.2908202	0.71050554	0.82664587
ENSMUSG00000031861	0.13297127	4.5719593	0.71069858	0.82672444
ENSMUSG00000029385	-0.13173	6.9910368	0.71071692	0.82672444
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ENSMUSG00000039599	0.13656889	4.29804168	0.71130989	0.82707942
ENSMUSG00000038014	-0.1309466	7.49550843	0.71166812	0.82737921
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ENSMUSG00000044715	-0.1354145	4.37874284	0.71191228	0.82744506
ENSMUSG00000020903	-0.1341054	4.92489854	0.71208214	0.82755881
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ENSMUSG00000037174	-0.1301366	7.002897	0.71395926	0.8289023
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ENSMUSG00000062761	-0.1304871	5.53170445	0.71466598	0.82947148
ENSMUSG00000029213	-0.130239	6.3044236	0.71479294	0.82953507
ENSMUSG00000040613	0.13023806	6.29064941	0.71504875	0.82968404
ENSMUSG00000029772	-0.1298892	6.55488184	0.71506566	0.82968404
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ENSMUSG00000030930	-0.1294166	7.27059786	0.71547055	0.82998627
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ENSMUSG00000061118	-0.1411686	3.13507189	0.71782714	0.83125455
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ENSMUSG00000056888	-0.1292456	5.56858309	0.71783204	0.83125455
ENSMUSG00000033107	-0.1457134	2.2758998	0.71788388	0.83125455

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ENSMUSG00000034300	-0.1281995	6.10987208	0.71907838	0.83240745
ENSMUSG00000056899	-0.1545042	2.28348165	0.71920975	0.83247569
ENSMUSG00000038991	-0.1272154	7.36379202	0.71970715	0.83296755
ENSMUSG00000036513	-0.1315266	4.26036298	0.72028087	0.83354763
ENSMUSG00000043831	0.14484763	2.84086094	0.72035748	0.83355236
ENSMUSG00000032305	0.12866545	4.97836325	0.72065819	0.83381639
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ENSMUSG00000026470	-0.1284229	4.82022545	0.72115307	0.83400418
ENSMUSG00000003437	-0.1267779	6.91861906	0.72120881	0.83400418
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ENSMUSG00000043190	-0.1299735	3.62491819	0.72125581	0.83400418
ENSMUSG00000015932	-0.1280892	5.01744812	0.72149277	0.83419427
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ENSMUSG00000043153	0.16431158	1.23789751	0.72221205	0.834774
ENSMUSG00000020843	0.13016512	3.85441546	0.72278171	0.83531678
ENSMUSG00000027012	-0.1259369	7.00823241	0.72290771	0.83531678
ENSMUSG00000049624	0.13870761	3.25669029	0.72294412	0.83531678
ENSMUSG00000045867	0.16874728	1.80586641	0.72297231	0.83531678
ENSMUSG00000024045	-0.1253591	8.25593533	0.72317259	0.83539751
ENSMUSG00000096464	0.13196574	3.93755017	0.72318753	0.83539751
ENSMUSG00000031386	0.12535275	7.74052939	0.72374543	0.83595797
ENSMUSG00000033916	0.12599429	6.04657435	0.72399353	0.8360834
ENSMUSG00000015766	0.13095417	3.50365461	0.72402755	0.8360834
ENSMUSG00000032026	0.12771882	4.96742959	0.72407223	0.8360834
ENSMUSG00000041037	-0.1269115	5.46302463	0.72423766	0.83619043
ENSMUSG00000048215	-0.13924	2.13878541	0.72453503	0.83644976
ENSMUSG00000020831	-0.1568694	1.68244206	0.72480359	0.83667577
ENSMUSG00000061950	-0.1252298	6.57612542	0.72500267	0.83682154
ENSMUSG00000031570	0.14416399	2.61789369	0.72517772	0.83693955
ENSMUSG00000021468	0.12614116	5.70344514	0.72556645	0.83720283
ENSMUSG00000015536	-0.1285857	4.45294867	0.72565493	0.83720283
ENSMUSG00000038888	0.14350832	2.3196538	0.72565981	0.83720283
ENSMUSG00000031231	-0.1255924	5.6286495	0.72569718	0.83720283
ENSMUSG00000062691	0.14237297	2.62382593	0.72620806	0.83762272
ENSMUSG00000032536	0.12592193	5.74851022	0.72624407	0.83762272
ENSMUSG00000029326	0.13278267	2.99052879	0.72627974	0.83762272
ENSMUSG00000030614	0.12998827	3.84445727	0.72643759	0.83772071
ENSMUSG00000030126	0.12578514	5.4446242	0.7266794	0.83791551
ENSMUSG00000026639	0.15506598	1.26981554	0.72733574	0.8385882

ENSMUSG00000041733	0.12822177	4.5388118	0.72745944	0.8386467
ENSMUSG00000034574	0.13048687	4.21219621	0.72766711	0.83880199
ENSMUSG00000031641	-0.1252747	2.93827804	0.72807152	0.83918401
ENSMUSG00000022350	-0.123444	6.59587946	0.72826144	0.83931876
ENSMUSG00000096145	0.13444731	2.16356893	0.72876385	0.83981357
ENSMUSG00000037408	0.12663159	4.4747199	0.729183	0.84013907
ENSMUSG00000026618	-0.1229711	6.61054958	0.72919248	0.84013907
ENSMUSG00000045679	0.12515204	5.32712179	0.72935534	0.8402425
ENSMUSG00000031539	0.12419217	5.82848808	0.7294677	0.84028773
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ENSMUSG00000022983	-0.1229994	6.21958199	0.72997774	0.84070676
ENSMUSG00000089901	0.1821872	1.1023266	0.73030939	0.84092021
ENSMUSG00000062638	0.16247305	1.08908369	0.73030939	0.84092021
ENSMUSG00000028608	-0.1242567	5.44828544	0.73055105	0.84111422
ENSMUSG00000092591	-0.1216159	3.05658098	0.73074882	0.84125766
ENSMUSG00000052833	-0.122654	6.42475251	0.73087385	0.84131733
ENSMUSG00000015165	-0.1215527	8.67947169	0.73126861	0.84168747
ENSMUSG00000068663	0.12397298	5.29011284	0.73143059	0.84178961
ENSMUSG00000038692	0.16643659	1.45520669	0.73158024	0.84187755
ENSMUSG00000056952	-0.1216903	7.21597205	0.73197742	0.84225029
ENSMUSG00000031949	-0.13022	3.55000103	0.73236232	0.84260883
ENSMUSG00000033909	0.12226603	5.90506402	0.73273477	0.84295299
ENSMUSG00000034709	0.12232467	6.09062893	0.73285872	0.8430112
ENSMUSG00000015314	-0.1208804	7.61390299	0.73296454	0.84304857
ENSMUSG00000079834	-0.1532506	1.10246125	0.73305855	0.84307234
ENSMUSG00000020389	-0.1246371	2.65988534	0.73321347	0.84316615
ENSMUSG00000061894	0.12317849	5.17016989	0.73350284	0.84340774
ENSMUSG00000025154	0.1250068	4.79334386	0.7335703	0.84340774
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ENSMUSG00000063659	-0.1205862	7.42078849	0.73393924	0.8435788
ENSMUSG00000025017	0.12068293	7.1896944	0.73403389	0.84360323
ENSMUSG00000020183	-0.1205092	6.84255193	0.73417024	0.84367559
ENSMUSG00000055850	0.12111848	6.29612287	0.73426623	0.84370155
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ENSMUSG00000000827	0.12176305	5.37940279	0.73457653	0.84388939
ENSMUSG00000044712	-0.1216084	3.59607188	0.73473842	0.84391403
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ENSMUSG00000020936	0.12008758	6.8467988	0.73531535	0.84413471

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ENSMUSG00000038679	-0.1201121	5.9378958	0.73545099	0.84413471
ENSMUSG00000050930	0.13609842	2.19577697	0.73553507	0.84414693
ENSMUSG00000028641	0.1693148	1.47969178	0.73588903	0.84446884
ENSMUSG00000038503	0.12038066	5.27246816	0.73613986	0.84467236
ENSMUSG00000036333	-0.1192821	7.49418487	0.73637377	0.84485642
ENSMUSG00000005983	0.17113385	1.32702085	0.73704058	0.84549709
ENSMUSG00000026975	0.1210076	4.5184206	0.73707928	0.84549709
ENSMUSG00000036568	-0.1190706	6.99637384	0.73715863	0.84550374
ENSMUSG00000055128	-0.1279871	3.24763039	0.7373471	0.84560149
ENSMUSG00000035960	0.12022052	5.11170516	0.73739098	0.84560149
ENSMUSG00000022742	-0.1197755	6.38310408	0.73753989	0.84568789
ENSMUSG00000030752	0.12201354	3.00309379	0.73762716	0.84570359
ENSMUSG00000009291	0.11965266	6.14408865	0.73790507	0.84589119
ENSMUSG00000028089	-0.1203842	5.58581741	0.73793796	0.84589119
ENSMUSG00000035772	0.12265949	4.5260502	0.73844206	0.84638463
ENSMUSG00000052253	-0.11919	6.15708535	0.73865021	0.8465388
ENSMUSG00000021408	-0.1193561	5.88166635	0.73890814	0.84674998
ENSMUSG00000047959	-0.1200796	4.78797115	0.73909924	0.8468651
ENSMUSG00000016257	0.11949807	5.11019019	0.73915594	0.8468651
ENSMUSG00000028069	0.12088957	4.25917252	0.73928202	0.84692513
ENSMUSG00000021681	-0.1188563	6.01108271	0.73946358	0.84704871
ENSMUSG00000039033	-0.1213082	3.73351024	0.74008938	0.84764828
ENSMUSG00000028443	0.14754792	2.01810401	0.74013447	0.84764828
ENSMUSG00000087260	-0.119546	5.07497225	0.74084102	0.84813038
ENSMUSG00000027845	-0.1197268	4.66667949	0.74088594	0.84813038
ENSMUSG00000038816	-0.1266402	3.1206221	0.74090031	0.84813038
ENSMUSG00000006941	-0.1196471	5.07428116	0.74092283	0.84813038
ENSMUSG00000028745	0.11702482	8.09842499	0.74092434	0.84813038
ENSMUSG00000020929	0.11734278	6.91456362	0.74146528	0.84866508
ENSMUSG00000042305	-0.1175571	6.07061409	0.74157894	0.84871066
ENSMUSG00000042350	-0.1169521	7.0625825	0.74177555	0.84885117
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ENSMUSG00000028878	-0.1169482	5.24279457	0.74338145	0.85038668
ENSMUSG00000093661	0.12122062	4.159075	0.74341329	0.85038668
ENSMUSG00000030763	-0.1236335	3.33277597	0.74369826	0.850628
ENSMUSG00000039166	-0.1187901	4.2363537	0.74408029	0.85098029
ENSMUSG00000024457	-0.1155795	7.82350052	0.74425328	0.85107512
ENSMUSG00000074088	0.11659366	5.74014701	0.74431129	0.85107512
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ENSMUSG00000027452	-0.1154414	7.24180227	0.74496279	0.85165065
ENSMUSG00000025133	-0.1154681	6.97480865	0.74514942	0.8517793

ENSMUSG00000035601	-0.1244335	3.51011396	0.74531606	0.85188507
ENSMUSG00000052794	0.11482396	5.17408429	0.74575257	0.85229925
ENSMUSG00000030101	0.11709734	5.23391208	0.74583481	0.85230849
ENSMUSG00000079487	0.11471499	8.32006157	0.74601659	0.85242228
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ENSMUSG00000056708	0.11450871	8.50850611	0.74635721	0.85248173
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ENSMUSG00000039210	-0.1159949	4.83179603	0.74683067	0.85285303
ENSMUSG00000032526	-0.1164285	2.67445954	0.74723678	0.85309273
ENSMUSG00000031149	0.11654476	4.10664766	0.74730426	0.85309273
ENSMUSG00000040174	-0.1139003	3.93440991	0.74733514	0.85309273
ENSMUSG00000022404	-0.1158426	5.31252056	0.74733743	0.85309273
ENSMUSG00000000028	0.12181147	3.48158608	0.74751144	0.85314924
ENSMUSG00000059436	0.11457213	6.32946458	0.74753538	0.85314924
ENSMUSG00000001052	-0.11419	6.97783741	0.7476294	0.85317184
ENSMUSG00000048174	-0.121835	3.74648612	0.74781862	0.85323081
ENSMUSG00000024581	0.11584907	5.59134271	0.74784077	0.85323081
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ENSMUSG00000062867	0.11395633	6.68394022	0.7480386	0.85329996
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ENSMUSG00000025937	-0.1173716	4.1883818	0.74844788	0.85359742
ENSMUSG00000026926	-0.114036	6.64379183	0.74852828	0.85360442
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ENSMUSG00000030330	0.11400401	6.30581928	0.74916449	0.85407576
ENSMUSG00000062908	0.11459711	5.72675324	0.74930391	0.85414998
ENSMUSG00000053333	-0.1143941	4.86203505	0.74971104	0.85452934
ENSMUSG00000033396	-0.1133544	6.27152973	0.74981078	0.85455828
ENSMUSG00000032399	-0.1125847	11.0294471	0.75002981	0.8546309
ENSMUSG00000024580	-0.1140565	5.81742577	0.75007419	0.8546309
ENSMUSG00000040229	0.14326699	2.37799152	0.75015679	0.8546309
ENSMUSG00000039356	0.11454356	5.06550501	0.75017188	0.8546309
ENSMUSG00000018541	-0.1140018	5.24130791	0.75026296	0.85464996
ENSMUSG00000026199	0.114257	5.76529212	0.75049487	0.8547542
ENSMUSG00000046909	0.14980669	2.28868889	0.75050319	0.8547542
ENSMUSG00000033739	0.16434876	1.22209625	0.75084401	0.85505765
ENSMUSG00000036450	-0.1128024	6.73152778	0.75102816	0.85509007
ENSMUSG00000006920	-0.1126672	6.97758402	0.75109525	0.85509007
ENSMUSG00000021481	0.11420545	5.37974354	0.75109564	0.85509007
ENSMUSG00000071451	0.12715053	2.38615366	0.75126302	0.85511384
ENSMUSG00000021694	-0.1159953	3.93043788	0.75135636	0.85511384



ENSMUSG00000056394	0.11360577	5.43889415	0.75139026	0.85511384
ENSMUSG00000016534	-0.1123348	6.73854411	0.75141409	0.85511384
ENSMUSG00000054405	-0.1124351	6.89156435	0.75163095	0.85527596
ENSMUSG00000048799	-0.1122856	7.04866082	0.75174983	0.85532657
ENSMUSG00000026773	0.11244478	6.52195873	0.7519128	0.85542732
ENSMUSG00000043885	0.1189836	4.023611	0.75202073	0.85546544
ENSMUSG00000001127	-0.111716	7.42174912	0.75219238	0.85557603
ENSMUSG00000022957	0.11350718	5.68970719	0.75239291	0.85571945
ENSMUSG00000031166	0.11380624	5.49406475	0.75256752	0.85583336
ENSMUSG00000078317	0.13670998	2.10177677	0.75265054	0.85584311
ENSMUSG00000020265	0.11212149	6.27973699	0.7527796	0.85590519
ENSMUSG00000092203	0.11781344	4.16612092	0.75296265	0.85602865
ENSMUSG00000001105	0.11848382	4.0025401	0.75328749	0.8562892
ENSMUSG00000027984	-0.1137468	4.38710565	0.75343455	0.8562892
ENSMUSG00000073096	0.11422284	4.97121519	0.75347583	0.8562892
ENSMUSG00000029587	0.11215987	5.4800382	0.75350895	0.8562892
ENSMUSG00000022808	-0.1118928	5.98096369	0.75359328	0.8562892
ENSMUSG00000003731	-0.1117441	6.65992523	0.75368935	0.8562892
ENSMUSG00000073771	0.11767421	3.74840233	0.75371327	0.8562892
ENSMUSG00000031660	-0.1115809	6.67580271	0.75384698	0.85635646
ENSMUSG00000044147	-0.111022	7.95712393	0.75408288	0.85647596
ENSMUSG00000028960	-0.111481	6.49828093	0.75411232	0.85647596
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ENSMUSG00000019923	-0.1116091	5.57679692	0.75482124	0.85687045
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ENSMUSG00000042680	-0.1421569	1.59955922	0.75552865	0.85750413
ENSMUSG00000005667	0.11195501	4.58296483	0.75565072	0.857558
ENSMUSG00000036893	-0.1108245	6.14720962	0.75572847	0.85756128
ENSMUSG00000097353	-0.1400646	2.22739075	0.75580281	0.85756128
ENSMUSG00000040822	0.11268663	4.69220865	0.75596449	0.85766007
ENSMUSG00000034587	0.15149347	1.44489507	0.75655335	0.85822153
ENSMUSG00000068114	0.11074195	5.22123725	0.75661089	0.85822153
ENSMUSG00000040528	0.11278437	4.78134784	0.75668336	0.85822153
ENSMUSG00000042605	-0.110913	4.90639139	0.75678859	0.85825448
ENSMUSG00000042520	-0.1096214	8.18923116	0.75686173	0.85825448
ENSMUSG00000021666	-0.1100501	6.05268597	0.75755974	0.85896125
ENSMUSG00000096199	0.13291445	2.13575563	0.75783902	0.85919317
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ENSMUSG00000024346	-0.1152995	4.19950505	0.75843396	0.85952858
ENSMUSG00000029175	0.11394781	4.12415915	0.75888328	0.85995301
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ENSMUSG00000056025	0.13330684	1.62149749	0.75911406	0.86004495
ENSMUSG00000031015	0.10831633	9.31025479	0.75943525	0.86032405
ENSMUSG00000022426	-0.1096376	5.85064335	0.75969196	0.86046506
ENSMUSG00000042901	-0.1088137	6.93103848	0.75970943	0.86046506
ENSMUSG00000078762	-0.1184916	3.2898778	0.7597927	0.86047459
ENSMUSG00000026154	-0.1191735	3.01977774	0.75997237	0.86054589
ENSMUSG00000032557	-0.1091848	5.82177795	0.76000539	0.86054589
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ENSMUSG00000020897	0.11188552	3.60509844	0.76026684	0.86067238
ENSMUSG00000002325	0.10779594	7.47754424	0.76115735	0.86159565
ENSMUSG00000076431	-0.1179955	3.44588386	0.76159521	0.8620064
ENSMUSG00000031767	-0.1126842	3.762159	0.7617227	0.86204099
ENSMUSG00000057130	-0.1152986	3.93206677	0.76177576	0.86204099
ENSMUSG00000015290	0.11037493	4.54840529	0.76191138	0.86210959
ENSMUSG00000046079	0.10917822	5.77123921	0.76213299	0.86227547
ENSMUSG00000021959	0.10781984	6.50592824	0.76225957	0.8623338
ENSMUSG00000031562	0.1207819	1.48947155	0.76243352	0.86244571
ENSMUSG00000076621	0.10923034	1.6579681	0.76259665	0.86254535
ENSMUSG00000093327	0.12574796	1.93272854	0.76275983	0.86264505
ENSMUSG00000078517	0.10856997	5.82764734	0.7629159	0.86273668
ENSMUSG00000024026	-0.1082921	5.30746286	0.76392946	0.86379787
ENSMUSG00000034563	-0.1116055	3.10404884	0.76401939	0.86381459
ENSMUSG00000037022	0.11272016	3.50151912	0.76411611	0.86383898
ENSMUSG00000000339	-0.1093481	4.60194568	0.76425945	0.8638892
ENSMUSG00000024524	0.16402223	1.31361207	0.76431084	0.8638892
ENSMUSG00000094796	0.11789832	2.79219876	0.76519156	0.86479963
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ENSMUSG00000034075	-0.1059994	7.09577217	0.76551609	0.86492311
ENSMUSG00000074030	-0.1083508	4.21803239	0.76552655	0.86492311
ENSMUSG00000054517	-0.1071198	6.34961052	0.76564291	0.86496956
ENSMUSG00000020263	0.10744527	5.64460396	0.76627066	0.86559368
ENSMUSG00000094087	-0.1347885	1.12294041	0.76660161	0.86588244
ENSMUSG00000022033	-0.115666	3.06438002	0.76740639	0.86665781
ENSMUSG00000020528	-0.1060312	5.88742638	0.76745198	0.86665781
ENSMUSG00000034617	-0.1076079	4.83739052	0.76751427	0.86665781
ENSMUSG00000099137	-0.1365422	1.52845418	0.76803794	0.86710341
ENSMUSG00000086859	0.11207016	3.07718741	0.76805976	0.86710341
ENSMUSG00000025036	-0.1066875	4.38762226	0.768169	0.86714158
ENSMUSG00000038371	0.10966952	4.41329207	0.76859816	0.86754083
ENSMUSG00000026203	0.10498503	5.80760839	0.76878759	0.86766945

ENSMUSG00000085829	-0.1462384	1.12871041	0.76896582	0.8677854
ENSMUSG00000022964	0.10487331	6.02050635	0.76908917	0.8678394
ENSMUSG00000096802	-0.1679926	0.86930495	0.76945546	0.8681675
ENSMUSG00000031148	-0.1043727	6.41223546	0.76971096	0.86837055
ENSMUSG00000010376	0.10430798	5.96214055	0.7698937	0.86849147
ENSMUSG00000025421	0.10624603	4.35196216	0.77000646	0.86851107
ENSMUSG00000025035	0.11954392	2.4186093	0.77006219	0.86851107
ENSMUSG00000006050	-0.1041794	6.21972238	0.77034028	0.86865741
ENSMUSG00000064090	-0.1050205	5.37141287	0.77034308	0.86865741
ENSMUSG00000093955	0.11514661	2.22978942	0.77105776	0.86937802
ENSMUSG00000027997	0.111909	3.71175503	0.77123156	0.86948082
ENSMUSG00000014402	-0.1040798	5.73243033	0.77134539	0.86948082
ENSMUSG00000038776	-0.1035507	6.5005918	0.77144658	0.86948082
ENSMUSG00000034028	0.11313622	2.69061383	0.77145149	0.86948082
ENSMUSG00000029775	-0.1046057	5.16171103	0.77174735	0.869729
ENSMUSG00000037318	-0.1027195	7.73536274	0.772049	0.86998366
ENSMUSG00000097906	0.11532246	0.93256086	0.77215602	0.87001897
ENSMUSG00000057554	-0.10247	7.36087643	0.77271735	0.8705661
ENSMUSG00000018983	0.10277371	6.43142788	0.77280944	0.87056803
ENSMUSG00000031628	-0.1062457	4.41773546	0.77287053	0.87056803
ENSMUSG00000021650	0.10369915	5.26334715	0.7730012	0.8706299
ENSMUSG00000079610	-0.1123249	2.84972051	0.77362741	0.87124899
ENSMUSG00000073702	-0.1018445	8.5021921	0.77370246	0.87124899
ENSMUSG00000075122	0.11212641	2.70270432	0.77392507	0.8713846
ENSMUSG00000030045	-0.1041987	4.66637026	0.77404141	0.8713846
ENSMUSG00000049672	0.10343594	4.96783624	0.77405029	0.8713846
ENSMUSG00000025487	0.10287207	5.9592106	0.774188	0.87141143
ENSMUSG00000022757	0.10427717	4.84023884	0.77422574	0.87141143
ENSMUSG00000030980	-0.102999	5.63643448	0.77471343	0.87168829
ENSMUSG00000005897	0.10846164	4.10901167	0.77472268	0.87168829
ENSMUSG00000020589	-0.1014939	6.88588511	0.77472308	0.87168829
ENSMUSG00000089736	-0.1243705	0.91575106	0.77479375	0.87168829
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ENSMUSG00000030204	-0.1016718	6.79851047	0.77507838	0.87168829
ENSMUSG00000047459	0.10228157	5.12174837	0.77536632	0.87192681
ENSMUSG00000020717	-0.1008185	8.30233634	0.77591497	0.87234561
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ENSMUSG00000061436	-0.1009573	5.39280942	0.77743823	0.87331696
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ENSMUSG00000020107	-0.10076	5.48335666	0.7787631	0.87437799
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ENSMUSG00000011752	-0.0994041	6.254753	0.78066525	0.87565837
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ENSMUSG00000037353	0.09773425	5.38064536	0.7861222	0.87856913
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ENSMUSG00000020978	-0.0960514	4.9319669	0.78989292	0.8806929
ENSMUSG00000049502	0.09454084	7.13135959	0.78990376	0.8806929
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ENSMUSG00000020526	0.10382042	3.05112803	0.79201198	0.88252983
ENSMUSG00000018986	-0.1091378	2.66432624	0.79267295	0.88318072
ENSMUSG00000034612	0.09759278	4.32204249	0.79285905	0.88318443
ENSMUSG00000076940	-0.0948769	5.67723011	0.79298451	0.88318443
ENSMUSG00000051950	0.09870123	3.41304031	0.79299893	0.88318443
ENSMUSG00000079111	0.09548328	4.67359869	0.79304782	0.88318443
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ENSMUSG00000031671	-0.096511	4.53472311	0.7934087	0.8834011
ENSMUSG00000062526	0.09396711	5.95368332	0.79367143	0.88358668
ENSMUSG00000025195	-0.0955009	4.11759105	0.79383692	0.88358668
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ENSMUSG00000049676	0.14038498	1.526043	0.79401869	0.88358668
ENSMUSG00000020706	-0.0929641	6.99200146	0.794044	0.88358668
ENSMUSG00000028603	-0.0928334	6.83375584	0.79418904	0.88358668
ENSMUSG00000005505	-0.0959447	4.87126988	0.79422988	0.88358668
ENSMUSG00000037275	-0.0935585	5.48969417	0.79426718	0.88358668
ENSMUSG00000053119	-0.0928821	6.50124654	0.79442468	0.88367638
ENSMUSG00000025477	0.09485918	4.44390995	0.79465006	0.88384155
ENSMUSG0000002052	-0.0919826	7.77327924	0.7952446	0.88441725
ENSMUSG00000029299	-0.0917457	6.67907543	0.79554915	0.88452444
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ENSMUSG00000031154	-0.0918438	7.72004453	0.79564878	0.88452444
ENSMUSG00000027425	0.09302384	5.29466048	0.79583725	0.88464841
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ENSMUSG00000038151	-0.0938014	4.00125942	0.79648458	0.88502563
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ENSMUSG00000042694	0.09535081	4.23582189	0.7969092	0.88532631
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ENSMUSG00000044783	-0.0912364	7.36730958	0.7972075	0.88548655
ENSMUSG00000015790	0.09223996	4.78353643	0.7972938	0.88549683
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ENSMUSG00000031574	0.11958823	1.58213438	0.8018283	0.88881546
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ENSMUSG00000069520	-0.0902632	4.9045001	0.80234717	0.88898852
ENSMUSG00000043065	-0.0906201	5.29774506	0.80244641	0.88898852
ENSMUSG00000030079	0.08953004	5.30004609	0.80244845	0.88898852
ENSMUSG00000031516	0.09198055	4.63189622	0.80268938	0.88911735
ENSMUSG00000035847	-0.0890962	6.36028249	0.80273192	0.88911735
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ENSMUSG00000020038	-0.0917447	4.50755127	0.80319503	0.88937968
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ENSMUSG00000019087	-0.0881601	8.35539596	0.80341227	0.88937968
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ENSMUSG00000024403	-0.1012031	2.09629768	0.80498863	0.89060099
ENSMUSG00000032204	0.09442671	3.27870593	0.80535897	0.8909162
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ENSMUSG00000057143	-0.0872479	6.97130089	0.80603949	0.89116322
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ENSMUSG00000024566	-0.0868007	6.46683222	0.80718806	0.89177939
ENSMUSG00000044636	-0.0954215	3.02325096	0.80721745	0.89177939
ENSMUSG00000022472	-0.0884435	5.26424568	0.80798756	0.89240318
ENSMUSG00000028436	0.08618041	7.45253628	0.8080664	0.89240318
ENSMUSG00000026554	0.08641274	7.07299309	0.80806652	0.89240318
ENSMUSG00000081453	-0.1417848	1.1931815	0.80809262	0.89240318
ENSMUSG00000021576	-0.0873442	5.79323433	0.80829299	0.89247189
ENSMUSG00000045078	-0.0862319	7.02444842	0.80837484	0.89247189
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ENSMUSG00000031948	0.08608474	6.64563091	0.80853377	0.89254737
ENSMUSG00000097287	0.1088946	2.26724046	0.8087912	0.8926994
ENSMUSG00000025880	0.08808132	5.35252503	0.80882681	0.8926994
ENSMUSG00000059119	-0.0858048	7.18955751	0.80928444	0.89311872
ENSMUSG00000032239	-0.0874809	5.26354146	0.80937857	0.89313686
ENSMUSG00000006527	-0.0857167	5.99596042	0.81033882	0.89411065
ENSMUSG00000070426	-0.0872532	5.16663218	0.81054556	0.89418841
ENSMUSG00000033405	-0.0892494	4.27662127	0.81056488	0.89418841
ENSMUSG00000027950	-0.0943837	2.80942839	0.81091215	0.89448567
ENSMUSG00000042185	0.08518319	6.88322488	0.81121699	0.89473607
ENSMUSG00000059439	0.08824237	4.77116559	0.81149016	0.8949515
ENSMUSG00000028948	0.08532029	6.09722856	0.81169265	0.89508893
ENSMUSG00000022913	-0.091306	3.45142504	0.81214298	0.89549963
ENSMUSG00000091679	-0.0775707	0.92265707	0.81266278	0.89598683
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ENSMUSG00000074604	-0.0835811	4.62372406	0.81299476	0.89618094
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ENSMUSG00000056167	-0.0843488	6.19018365	0.81335984	0.8963255
ENSMUSG00000042744	0.08460157	6.86043272	0.81346885	0.89635971
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ENSMUSG00000026172	-0.0764309	3.76693404	0.84204288	0.91400217
ENSMUSG00000022898	0.07125056	5.52133502	0.84241534	0.91429764
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ENSMUSG00000002814	-0.072934	4.89358956	0.84265939	0.91441232
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ENSMUSG00000028899	-0.0717448	5.23512927	0.84420755	0.91562786
ENSMUSG00000035086	-0.0696602	7.66791454	0.84438125	0.91562786
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ENSMUSG00000091549	0.07311484	4.22406809	0.84576628	0.91663193
ENSMUSG00000076617	-0.0687045	12.6705553	0.84578729	0.91663193
ENSMUSG00000017009	-0.0693233	6.93762388	0.84582122	0.91663193
ENSMUSG00000030766	-0.0687491	7.89974291	0.84618738	0.91685679
ENSMUSG00000022978	0.07463496	3.69174537	0.84618823	0.91685679
ENSMUSG00000020657	-0.0696732	4.83591176	0.84636376	0.91692994
ENSMUSG00000063808	0.07250698	4.34758916	0.84641528	0.91692994
ENSMUSG00000029076	0.06860306	7.60283713	0.84661883	0.91700507
ENSMUSG00000024725	0.06912168	6.65483377	0.84666927	0.91700507
ENSMUSG00000031371	-0.0732675	3.96515702	0.84672395	0.91700507
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ENSMUSG00000038563	0.06957114	5.21452265	0.84758232	0.91741233
ENSMUSG00000025260	-0.0694959	4.58313869	0.84759153	0.91741233
ENSMUSG00000037710	0.06746553	3.2231443	0.8477095	0.91741233
ENSMUSG00000029233	0.06913479	5.5503101	0.84771166	0.91741233
ENSMUSG00000008682	0.06794118	8.84273676	0.84782439	0.91741233
ENSMUSG00000028944	0.07072281	4.89486938	0.84786043	0.91741233
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ENSMUSG00000030269	-0.0689964	5.83895993	0.84793386	0.91741233
ENSMUSG00000037257	0.06877515	5.8764694	0.8479779	0.91741233
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ENSMUSG00000029068	-0.0674125	8.43596223	0.84895739	0.91814105
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ENSMUSG00000031864	-0.0689406	5.05851533	0.8504034	0.91931346
ENSMUSG00000100658	0.06649573	7.42811965	0.85053023	0.91931346
ENSMUSG00000070354	0.08041286	3.0730027	0.8505349	0.91931346
ENSMUSG00000032040	0.06802658	5.10227147	0.85071162	0.91941104
ENSMUSG00000042594	0.06663896	7.87649598	0.85090022	0.91941104
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ENSMUSG00000030051	-0.0701373	3.7378867	0.85094511	0.91941104
ENSMUSG00000037573	-0.0683472	5.36835821	0.85107187	0.91946157
ENSMUSG00000033458	-0.0658598	3.08445814	0.85138285	0.9197111
ENSMUSG00000002625	0.0663493	7.13945715	0.85186276	0.9200939
ENSMUSG00000024696	-0.0665507	6.89279386	0.85189729	0.9200939
ENSMUSG00000034308	0.08490796	2.22413939	0.85200991	0.92012908
ENSMUSG00000041773	0.06806355	4.69305946	0.85214321	0.92018658
ENSMUSG00000051124	-0.0664882	6.71899859	0.85234327	0.92026657
ENSMUSG00000022848	-0.069009	3.56469225	0.8523774	0.92026657
ENSMUSG00000024436	-0.0678054	4.75728102	0.85249088	0.92030265
ENSMUSG00000029389	-0.0670625	5.46204953	0.85274298	0.92048836
ENSMUSG00000061313	-0.0661716	5.39660487	0.85284476	0.92051178
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ENSMUSG00000029142	-0.0665765	4.98124019	0.85328498	0.92064115
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ENSMUSG00000032352	-0.0628101	3.28010628	0.87777047	0.9356379
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ENSMUSG00000001150	0.05452801	6.76872206	0.87873638	0.93637127



ENSMUSG00000039316	0.05455859	6.57973188	0.87877975	0.93637127
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ENSMUSG00000040859	0.05437162	6.73033028	0.87914935	0.93651104
ENSMUSG00000070462	-0.0568415	4.26860857	0.87921345	0.93651104
ENSMUSG00000031453	-0.0537955	8.69303868	0.87923681	0.93651104
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ENSMUSG00000006058	0.05454298	5.32683966	0.88060039	0.93684506
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ENSMUSG00000003545	-0.0528732	9.88471082	0.88105956	0.93684506
ENSMUSG00000024785	0.05506497	4.1324622	0.88109343	0.93684506
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ENSMUSG00000097194	-0.0577275	3.82104842	0.8813018	0.93688747
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ENSMUSG00000017288	-0.0539367	5.28073177	0.88174619	0.93701326
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ENSMUSG00000030801	0.05324713	5.1610092	0.88268656	0.9377525
ENSMUSG00000038975	-0.0529302	6.02277406	0.88328275	0.93829916
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ENSMUSG00000041132	-0.0518903	6.03988581	0.88526381	0.9393619
ENSMUSG00000040746	0.05112453	7.56883694	0.88553817	0.9395663
ENSMUSG00000004637	-0.0523868	3.04620575	0.88565106	0.93959934
ENSMUSG00000032018	-0.0511636	5.61320569	0.88638474	0.94029093
ENSMUSG00000032750	-0.0538648	4.36025681	0.88658047	0.94036086
ENSMUSG00000002455	0.05072354	6.83741103	0.8868295	0.94036086
ENSMUSG00000040253	0.0514627	5.87952209	0.88684463	0.94036086
ENSMUSG00000036023	-0.0509077	6.39852095	0.88697221	0.94036086
ENSMUSG00000044502	0.05079453	3.4943637	0.88700229	0.94036086
ENSMUSG00000037112	-0.0505956	5.3536195	0.88701479	0.94036086
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ENSMUSG00000021532	-0.0522628	3.96262682	0.88710511	0.94036086
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ENSMUSG00000027207	0.05446103	4.47425265	0.88780146	0.94083479
ENSMUSG00000007777	-0.0628922	2.2629814	0.88803657	0.94083479
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ENSMUSG00000049313	-0.0496978	9.5307077	0.88820697	0.94083479
ENSMUSG00000062040	-0.0539226	3.31427667	0.88850549	0.94106428
ENSMUSG00000036273	-0.0494347	10.0806439	0.8887313	0.94115029
ENSMUSG00000026417	0.06514949	2.47830276	0.88878479	0.94115029
ENSMUSG00000005949	-0.0513871	4.95351475	0.8888658	0.94115029
ENSMUSG00000028273	-0.0501483	6.12858917	0.8889142	0.94115029
ENSMUSG00000044641	-0.0692858	1.41978617	0.88903666	0.94119325
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ENSMUSG00000026917	-0.0498522	6.21911325	0.88970144	0.94163687
ENSMUSG00000021792	-0.050049	5.5610377	0.8899183	0.94177958
ENSMUSG00000032388	-0.0494762	6.19601404	0.89000013	0.94177958
ENSMUSG00000016619	-0.0495606	6.40377504	0.89022107	0.94192665
ENSMUSG00000021794	-0.0488749	7.88484878	0.89039651	0.94202558
ENSMUSG00000022906	-0.0490455	6.91115899	0.89062289	0.94209879
ENSMUSG00000030534	-0.0493669	5.59353354	0.89071818	0.94209879
ENSMUSG00000021286	0.10954806	0.99379158	0.89078584	0.94209879
ENSMUSG00000019808	0.06085171	2.08122233	0.89079354	0.94209879
ENSMUSG00000029798	0.04975067	6.06164713	0.89094684	0.94217423
ENSMUSG00000024594	0.05082661	4.84743475	0.89108848	0.94223734
ENSMUSG00000003382	-0.0484626	7.17489422	0.89135176	0.94242904
ENSMUSG00000063801	0.04972244	5.35697679	0.89146223	0.94245915

ENSMUSG00000032553	0.0507855	4.47734959	0.89157858	0.94249547
ENSMUSG00000052155	-0.0503863	3.36003072	0.89193027	0.94278055
ENSMUSG00000021646	0.05204969	3.56131715	0.89213129	0.94280413
ENSMUSG00000033047	0.0481809	7.04083497	0.89218452	0.94280413
ENSMUSG00000022416	-0.0482948	6.99903125	0.89219863	0.94280413
ENSMUSG00000066441	-0.0496531	5.54035193	0.89235076	0.9428782
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ENSMUSG00000025190	-0.0499531	5.43042758	0.89281699	0.94319743
ENSMUSG00000025545	-0.0553864	3.14964552	0.89313407	0.94337666
ENSMUSG00000024732	0.05095821	4.49961234	0.8932313	0.94337666
ENSMUSG00000026669	0.05283347	3.57454925	0.89323285	0.94337666
ENSMUSG00000054499	0.04581413	5.34401816	0.89345114	0.94352052
ENSMUSG00000070939	0.04845025	5.81470824	0.8938265	0.94383021
ENSMUSG00000023755	-0.0491041	3.67861989	0.89406323	0.94399346
ENSMUSG00000026409	-0.0482373	4.51157547	0.89415335	0.94400191
ENSMUSG00000026575	-0.0677561	2.13005482	0.89433814	0.94411029
ENSMUSG00000019947	-0.0475349	5.99202425	0.89450811	0.94418072
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ENSMUSG00000032966	-0.0476237	5.97510218	0.89498032	0.94452798
ENSMUSG00000020869	-0.0474986	6.21791135	0.89506912	0.94453498
ENSMUSG00000022014	0.04734185	6.37020548	0.8952207	0.94460822
ENSMUSG00000023764	0.04822857	6.1223296	0.89555311	0.94486011
ENSMUSG00000024082	0.04850763	4.14485671	0.89567996	0.94486011
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ENSMUSG00000020544	-0.0508669	3.30499636	0.89578821	0.94486011
ENSMUSG00000059456	0.04621594	9.14073862	0.89613052	0.94511073
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ENSMUSG00000071646	-0.0460262	8.23758352	0.89689706	0.94550768
ENSMUSG00000041477	0.04931609	4.56902605	0.89699158	0.94550768
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ENSMUSG00000011427	-0.0478153	5.06987798	0.89749481	0.94561896
ENSMUSG00000053134	0.05138931	4.03884139	0.89759437	0.94563718
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ENSMUSG00000022992	-0.0464158	5.93638124	0.89806873	0.94592346
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ENSMUSG00000061723	-0.0342811	1.40497497	0.91630259	0.95605866
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ENSMUSG00000085227	0.05780976	1.89067204	0.91785018	0.95679664
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ENSMUSG00000029649	0.03614903	5.91356112	0.91933527	0.95739798
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ENSMUSG00000031913	-0.0368157	6.0135652	0.92036343	0.95820829
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ENSMUSG00000031751	0.03516572	7.29025185	0.92136451	0.95864275
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ENSMUSG00000023994	-0.0326324	7.34926406	0.92698403	0.9624622
ENSMUSG00000038175	-0.0325336	7.40939772	0.92704493	0.9624622
ENSMUSG00000016252	0.03310998	5.50535025	0.9274369	0.96278219
ENSMUSG00000029530	0.06406654	1.63864457	0.92754687	0.9628094
ENSMUSG00000026662	-0.0335429	5.12871425	0.92774061	0.96292355
ENSMUSG00000040848	-0.0322778	7.09193392	0.92810314	0.96318383
ENSMUSG00000003559	-0.0340635	4.84739009	0.92819799	0.96318383
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ENSMUSG00000034354	0.03131629	7.9102246	0.9297102	0.9637986

ENSMUSG00000024527	0.03181808	6.1551394	0.92975752	0.9637986
ENSMUSG00000032733	-0.0313656	3.89826951	0.9301174	0.96408472
ENSMUSG00000032456	-0.0293689	2.49634603	0.9310928	0.96489365
ENSMUSG00000055150	0.05654172	1.71535183	0.93113988	0.96489365
ENSMUSG00000035842	-0.0324476	4.76793248	0.93114966	0.96489365
ENSMUSG00000091337	0.0312485	5.68545066	0.93125242	0.96491316
ENSMUSG00000029462	0.03204062	5.05111899	0.93175012	0.96529151
ENSMUSG00000024604	0.03073765	6.73355518	0.93178552	0.96529151
ENSMUSG00000024778	0.03435456	3.39345595	0.93193747	0.96536192
ENSMUSG00000037339	0.03240658	5.34897231	0.9320813	0.96542391
ENSMUSG00000042015	-0.0303199	4.90025748	0.93233906	0.96560388
ENSMUSG00000001123	-0.0303816	7.02905178	0.93274648	0.96589635
ENSMUSG00000096751	-0.0219879	1.11298512	0.9327895	0.96589635
ENSMUSG00000085399	-0.0461198	1.77105699	0.93349448	0.9665337
ENSMUSG00000023110	-0.0307519	5.80571036	0.93363801	0.9665337
ENSMUSG00000021196	0.03022477	6.37775077	0.93371793	0.9665337
ENSMUSG00000039795	0.03241725	4.59804071	0.93374135	0.9665337
ENSMUSG00000033931	-0.0309674	4.88441466	0.93407868	0.96672566
ENSMUSG00000036304	-0.0351219	2.22934259	0.93409499	0.96672566
ENSMUSG00000032330	0.03006828	5.35126705	0.93437701	0.96678278
ENSMUSG00000048581	0.05785283	1.79651356	0.93439162	0.96678278
ENSMUSG00000022109	0.03030338	5.06938797	0.93440249	0.96678278
ENSMUSG00000029426	0.02954296	6.26180148	0.93469667	0.96700011
ENSMUSG00000095761	-0.0516989	1.17319275	0.9348318	0.96705288
ENSMUSG00000000120	-0.0563458	1.81482006	0.93526475	0.96741369
ENSMUSG00000063888	0.02883485	6.33827601	0.93552343	0.96759419
ENSMUSG00000059923	-0.0287267	8.01265792	0.93569082	0.9676555
ENSMUSG00000052040	0.02870869	7.82903661	0.93575107	0.9676555
ENSMUSG00000028085	-0.0299705	3.7845515	0.93610661	0.96793608
ENSMUSG00000048833	-0.0289927	6.18887102	0.93627843	0.96802667
ENSMUSG00000044730	0.03014927	4.70326052	0.93650138	0.96814374
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ENSMUSG00000023015	-0.0290394	4.78022738	0.93666658	0.96814374
ENSMUSG00000043866	-0.0291742	5.89474464	0.93672855	0.96814374
ENSMUSG00000031132	0.05302604	1.86007285	0.93694278	0.9682781
ENSMUSG00000042312	-0.0327812	3.93882128	0.93718944	0.96844594
ENSMUSG00000070697	-0.0286236	5.88508458	0.93728329	0.96845585
ENSMUSG00000035245	-0.0286663	4.97867186	0.93756273	0.96863335
ENSMUSG00000074151	0.02814553	7.49874675	0.9376236	0.96863335
ENSMUSG00000037375	-0.0425157	1.88402958	0.93814505	0.9690212
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ENSMUSG00000034931	-0.0276788	6.86495275	0.93886402	0.9694998



ENSMUSG00000024766	0.03665931	3.18253195	0.93896108	0.9694998
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ENSMUSG00000063383	-0.0468285	1.26716506	0.93914151	0.96959149
ENSMUSG00000022234	0.02688657	8.35780379	0.93925833	0.96962501
ENSMUSG00000074102	-0.0278158	5.61380243	0.93957442	0.96986422
ENSMUSG00000039048	0.02740542	5.86105557	0.93983765	0.97004883
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ENSMUSG00000022779	-0.0260492	6.74001757	0.94163538	0.97127675
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ENSMUSG00000032126	0.02500358	6.77863376	0.94417077	0.97243852
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ENSMUSG00000031723	0.02296775	3.12142078	0.95442773	0.97733566
ENSMUSG00000002221	0.02104312	5.55281779	0.95446456	0.97733566
ENSMUSG00000040264	0.02026668	6.38959604	0.95481087	0.97760319
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ENSMUSG00000001962	-0.0199016	6.135928	0.9569252	0.97876654
ENSMUSG00000045730	0.01941338	7.005868	0.95701356	0.97876654
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ENSMUSG00000079260	0.01934294	5.27729023	0.9591727	0.97960382
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ENSMUSG00000037949	-0.0168101	4.86398933	0.96507442	0.98226194
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ENSMUSG00000027639	-0.015111	9.98781393	0.96595754	0.98297467
ENSMUSG00000025404	-0.0152847	6.88017452	0.96607327	0.98300513
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ENSMUSG00000022956	0.01517353	6.0298057	0.96634959	0.98300513
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ENSMUSG00000091537	-0.0146523	5.93671951	0.96814143	0.98415155
ENSMUSG00000035849	0.01935018	3.65579619	0.96833489	0.98426117
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ENSMUSG00000028668	-0.0143405	7.14797248	0.96853188	0.98428733
ENSMUSG00000028657	0.01419198	7.46864224	0.9687431	0.98441495
ENSMUSG00000036327	0.0190697	3.68388624	0.96887924	0.98443134
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ENSMUSG00000003814	-0.0136305	9.73569831	0.96940117	0.98452159
ENSMUSG00000036223	-0.023093	1.26540277	0.96940448	0.98452159
ENSMUSG00000074646	0.00777181	1.26920735	0.96940448	0.98452159
ENSMUSG00000039065	0.01580699	4.58062846	0.96943534	0.98452159
ENSMUSG00000037944	-0.0136268	8.99656776	0.96944758	0.98452159
ENSMUSG00000052397	-0.0135702	8.77369288	0.96957165	0.98456061
ENSMUSG00000039016	0.01572731	3.74504319	0.97013424	0.98504488
ENSMUSG00000028998	-0.0143206	4.89282015	0.97024908	0.98507447
ENSMUSG00000054226	-0.0145297	4.84159858	0.97051929	0.98526179
ENSMUSG00000059939	0.01330264	6.14041972	0.97068983	0.9853479
ENSMUSG00000005103	0.01298233	8.33285442	0.97079446	0.98536709
ENSMUSG00000019942	-0.0153967	4.06160783	0.97112353	0.98561407
ENSMUSG00000047583	-0.0238563	2.43701288	0.97125015	0.98565555
ENSMUSG00000035704	0.014166	4.30396799	0.97143726	0.98575841
ENSMUSG00000029535	0.01479182	4.31906223	0.97172048	0.98595877
ENSMUSG00000068856	0.01408265	4.32396713	0.97182524	0.98597804
ENSMUSG00000051504	0.04042173	1.40291626	0.97205627	0.98607732
ENSMUSG00000062944	0.02806688	2.48638068	0.97223222	0.98607732
ENSMUSG00000098923	-0.0138287	4.67487243	0.9722623	0.98607732
ENSMUSG00000023968	0.04763714	1.43434339	0.97229614	0.98607732
ENSMUSG00000038685	-0.0125349	6.43843066	0.97235202	0.98607732
ENSMUSG00000020946	0.01227184	7.05790932	0.97270074	0.98634395
ENSMUSG00000034345	0.01295504	4.77557466	0.97316286	0.98672551
ENSMUSG00000078713	-0.0144748	4.18671012	0.97347378	0.9869537
ENSMUSG00000048497	-0.0159837	3.92607248	0.97357341	0.98696766
ENSMUSG00000028158	-0.0104615	1.51832389	0.97386553	0.98717675
ENSMUSG00000035325	0.01188488	7.06608746	0.97398553	0.98721133
ENSMUSG00000034795	0.03393905	1.55030217	0.97448455	0.98755935
ENSMUSG00000027573	-0.0120154	6.1902558	0.97450071	0.98755935
ENSMUSG00000026127	-0.0119162	6.16704757	0.97474143	0.98761421
ENSMUSG00000070520	-0.014364	3.99484811	0.97479954	0.98761421
ENSMUSG00000019975	-0.0223363	2.63585825	0.9748126	0.98761421

ENSMUSG00000032285	0.01056663	5.31260081	0.97639441	0.98912962
ENSMUSG00000025157	0.01225444	4.6361961	0.97655994	0.98918376
ENSMUSG00000035235	0.03314784	1.6971064	0.97669091	0.98918376
ENSMUSG00000026770	-0.0175131	2.75330034	0.97670602	0.98918376
ENSMUSG00000011257	0.0106708	6.15846205	0.97737753	0.98977665
ENSMUSG00000002308	0.0235077	1.76104669	0.97765606	0.98997149
ENSMUSG00000032479	0.0099355	7.30783235	0.97822447	0.99040452
ENSMUSG00000097184	0.01191807	1.80554627	0.97825602	0.99040452
ENSMUSG00000028709	0.01084763	5.21542385	0.97834755	0.99040996
ENSMUSG00000011114	0.00949498	6.45686484	0.97857027	0.99046737
ENSMUSG00000036533	-0.0122602	4.23280258	0.97857659	0.99046737
ENSMUSG00000016637	-0.0117827	3.48764007	0.97867611	0.99048089
ENSMUSG00000019437	0.0147172	3.51317053	0.97904194	0.9907639
ENSMUSG00000026123	-0.0093053	5.97049702	0.97936038	0.99080165
ENSMUSG00000072946	0.01011441	5.51094159	0.97938313	0.99080165
ENSMUSG00000030652	0.02700163	1.89704592	0.97949424	0.99080165
ENSMUSG00000040054	0.0092349	8.50728205	0.97956685	0.99080165
ENSMUSG00000031137	-0.0195153	1.90628972	0.97962313	0.99080165
ENSMUSG00000020873	-0.0105233	5.4986075	0.97966645	0.99080165
ENSMUSG00000024983	-0.0097659	4.70505018	0.9796928	0.99080165
ENSMUSG00000038495	-0.0092791	6.70477265	0.9797688	0.99080165
ENSMUSG00000046020	-0.0088196	6.06903364	0.97996236	0.99088258
ENSMUSG00000020491	0.01025023	4.33331161	0.98002123	0.99088258
ENSMUSG00000002741	0.00886471	6.33285958	0.98022166	0.99099807
ENSMUSG00000055866	0.01457801	4.03795283	0.98042875	0.99112026
ENSMUSG00000026192	0.00870347	6.46814263	0.98066769	0.99127464
ENSMUSG00000058267	0.00972447	4.53156725	0.98088719	0.99140933
ENSMUSG00000018239	0.0111418	3.67511641	0.98121692	0.99154356
ENSMUSG00000042496	-0.0064232	4.1040027	0.98129917	0.99154356
ENSMUSG00000036339	-0.0088636	5.21158863	0.98140861	0.99154356
ENSMUSG00000021610	0.00831305	7.3065249	0.98150214	0.99154356
ENSMUSG00000041959	-0.0089669	6.44253334	0.98152885	0.99154356
ENSMUSG00000053317	0.01254467	4.12283906	0.98153755	0.99154356
ENSMUSG00000024232	-0.0086332	4.14602509	0.98182078	0.99174252
ENSMUSG00000094088	-0.0103591	4.15973755	0.98197164	0.99180775
ENSMUSG00000060152	-0.011158	4.66868397	0.98209734	0.99184756
ENSMUSG00000020077	-0.0077292	8.26769434	0.98253375	0.99217576
ENSMUSG00000035268	0.00918777	5.39843101	0.98263665	0.99217576
ENSMUSG00000057469	-0.0092702	3.79465117	0.98268126	0.99217576
ENSMUSG00000035596	0.00809376	6.62347458	0.9829727	0.99232544
ENSMUSG00000030591	-0.0079834	6.84111825	0.98307627	0.99232544
ENSMUSG00000056962	0.00764429	6.25189089	0.9830906	0.99232544
ENSMUSG00000034126	0.01195924	3.84183755	0.98321651	0.99232544

ENSMUSG00000039105	0.00776432	5.4280415	0.98326114	0.99232544
ENSMUSG00000033429	0.01530503	2.22604925	0.98346456	0.99239719
ENSMUSG00000030220	-0.0073595	9.80443866	0.98356755	0.99239719
ENSMUSG00000038965	0.0074505	6.25343172	0.98359123	0.99239719
ENSMUSG00000040105	0.01074781	3.90001853	0.98388074	0.99260217
ENSMUSG00000078779	0.02083035	2.28353084	0.98411157	0.99274792
ENSMUSG00000028411	0.01072928	4.37706911	0.98448254	0.99290959
ENSMUSG00000022706	-0.0082803	4.37915561	0.98450099	0.99290959
ENSMUSG00000036315	0.00772161	5.04042365	0.98453097	0.99290959
ENSMUSG00000027698	-0.0072802	4.64453239	0.98473706	0.99303031
ENSMUSG00000037787	-0.0085868	4.01172868	0.985063	0.99327186
ENSMUSG00000014245	0.01120279	3.43821177	0.98528543	0.99340901
ENSMUSG00000026011	-0.0067836	3.49889355	0.98589092	0.9939323
ENSMUSG00000024896	0.00648261	5.31166157	0.9863026	0.99426014
ENSMUSG00000028744	0.00989115	4.15172925	0.98641246	0.99428369
ENSMUSG00000062421	0.00711172	5.06704649	0.98679176	0.99449973
ENSMUSG00000040010	-0.0065991	5.16727702	0.98687148	0.99449973
ENSMUSG00000039828	-0.006788	4.20297991	0.98688634	0.99449973
ENSMUSG00000022607	0.00801647	4.76984251	0.98716824	0.9946489
ENSMUSG00000011254	0.01049877	3.64983971	0.98726934	0.9946489
ENSMUSG00000015889	-0.0063494	6.48252941	0.98729395	0.9946489
ENSMUSG00000055148	0.00559643	8.93496292	0.98750893	0.99477829
ENSMUSG00000018583	-0.0055856	7.63247202	0.98775207	0.99493604
ENSMUSG00000026274	0.01346175	2.72729738	0.98816107	0.9952608
ENSMUSG00000026924	0.00554951	7.59831172	0.98835797	0.9953719
ENSMUSG00000018449	-0.0073039	4.70509034	0.98855938	0.99548752
ENSMUSG00000062328	-0.0052039	8.47064739	0.98868225	0.99552404
ENSMUSG00000022400	0.00521077	5.52481387	0.98891608	0.99567227
ENSMUSG00000079505	0.00693871	4.49880754	0.98928624	0.99595772
ENSMUSG00000031066	0.00530309	6.55129898	0.98957193	0.99603466
ENSMUSG00000059336	-0.0041707	5.71331051	0.98964042	0.99603466
ENSMUSG00000031982	0.00393161	2.94331901	0.98973021	0.99603466
ENSMUSG00000047881	-0.0055827	5.23295928	0.98977153	0.99603466
ENSMUSG00000027185	0.0051984	6.10153531	0.9897959	0.99603466
ENSMUSG00000029199	0.006083	4.72799266	0.99036869	0.99639594
ENSMUSG00000036594	-0.0042606	11.8786403	0.99039288	0.99639594
ENSMUSG00000030509	-0.005866	4.64280539	0.99047366	0.99639594
ENSMUSG00000004798	-0.0044078	6.36985942	0.99050164	0.99639594
ENSMUSG00000041220	-0.0071599	3.09036259	0.99069853	0.99650679
ENSMUSG00000001855	0.004734	6.55087104	0.99112513	0.99684866
ENSMUSG00000072582	-0.0072198	4.24021483	0.99148021	0.99702516
ENSMUSG00000034035	-0.001581	3.22155897	0.99149983	0.99702516
ENSMUSG00000009549	-0.0046777	5.89404014	0.99156082	0.99702516

ENSMUSG0000006273	0.00386437	7.38060068	0.99190568	0.99728468
ENSMUSG00000027387	0.00804956	3.40917921	0.99249837	0.99779332
ENSMUSG00000028809	-0.0032121	8.05495328	0.99276695	0.99797604
ENSMUSG00000006463	-0.0056474	3.55014649	0.9931886	0.9983126
ENSMUSG00000025175	-0.0073839	3.59216498	0.99336885	0.99840648
ENSMUSG00000067713	-0.0034015	6.16405902	0.993492	0.99844296
ENSMUSG00000021460	0.00492442	4.79748788	0.99406219	0.99892865
ENSMUSG00000000881	0.00586783	3.90450102	0.99464426	0.99942215
ENSMUSG00000050312	-0.0014773	4.58159107	0.99472717	0.99942215
ENSMUSG00000091971	0.00213888	10.1214337	0.99513847	0.99958726
ENSMUSG00000027487	0.00059721	4.0477864	0.99514682	0.99958726
ENSMUSG00000021822	-0.0045699	4.94796124	0.99517695	0.99958726
ENSMUSG00000045827	0.0052453	4.10709549	0.99533444	0.99958726
ENSMUSG00000024165	-0.0031843	5.57654273	0.99539581	0.99958726
ENSMUSG00000079227	-0.0033328	4.13157972	0.99541325	0.99958726
ENSMUSG00000032216	0.00200136	7.87776868	0.99554044	0.99962765
ENSMUSG00000029922	-0.0022177	7.16889306	0.9957449	0.99974562
ENSMUSG00000023944	0.00177068	12.2500134	0.99597678	0.9998911
ENSMUSG00000042541	-0.0020929	5.76809308	0.99690713	1
ENSMUSG00000076534	0.00436691	4.74650971	0.99739651	1
ENSMUSG00000022587	-0.0009885	10.8710837	0.99785091	1
ENSMUSG00000022160	0.00131253	6.21903106	0.99793326	1
ENSMUSG00000047388	0.00132312	5.09786506	0.99835392	1
ENSMUSG00000030663	0.00120121	5.53188213	0.99854812	1
ENSMUSG00000028639	0.00064345	7.88709985	0.99872297	1
ENSMUSG00000021192	-0.0008388	6.29820941	0.99876202	1
ENSMUSG00000027472	0.00094331	5.67943007	0.99922929	1
ENSMUSG00000044627	-0.000944	5.8171873	0.99931794	1
ENSMUSG00000026260	-0.0010427	5.8840525	0.99938734	1
ENSMUSG00000035133	0.00366115	4.76813595	0.99963479	1
ENSMUSG00000073557	1.59E-05	5.11781688	0.99994961	1
ENSMUSG00000019917	0.03566077	1.37991757	1	1
ENSMUSG00000059482	0.00852345	2.97132492	1	1
ENSMUSG00000059554	0.00023079	3.10064182	1	1
ENSMUSG00000030345	0.02949574	1.30601143	1	1
ENSMUSG00000078521	-0.0152175	0.84539789	1	1
ENSMUSG00000033902	0.00021442	4.47017271	1	1
ENSMUSG00000021079	0.00679274	3.39981301	1	1
ENSMUSG00000047557	0.02309582	0.9661468	1	1
ENSMUSG00000087403	0.02174866	1.08273988	1	1
ENSMUSG00000079222	0.01956202	1.94476091	1	1
ENSMUSG00000038702	0.01817272	1.87733058	1	1
ENSMUSG00000090881	0.01525147	1.27428676	1	1



ENSMUSG00000038217	0.01465642	1.45295658	1	1
ENSMUSG00000019992	-0.0132536	1.91537088	1	1
ENSMUSG00000014243	0.0126971	1.80032577	1	1
ENSMUSG00000024352	0.01093087	1.76458166	1	1
ENSMUSG00000094940	-0.0104269	1.46606651	1	1
ENSMUSG00000078716	0.01033284	1.94948987	1	1
ENSMUSG00000097162	0.00957456	1.03675756	1	1
ENSMUSG00000028199	0.0089707	2.02671972	1	1
ENSMUSG00000026189	-0.0083592	1.55033844	1	1
ENSMUSG00000025006	0.00696087	2.4531275	1	1
ENSMUSG00000026383	-0.0046936	2.26236297	1	1
ENSMUSG00000037703	-0.0042237	0.98774273	1	1
ENSMUSG00000050323	0.00261072	1.82706684	1	1
ENSMUSG00000020140	-0.0023052	1.16221884	1	1
ENSMUSG00000069793	0.00194484	3.63628543	1	1
ENSMUSG00000030316	0.00160557	3.62451303	1	1
ENSMUSG00000022094	0.00151118	4.07374789	1	1
ENSMUSG00000035078	-0.0003747	4.93620362	1	1
ENSMUSG00000084786	0.00034593	6.30396694	1	1
ENSMUSG00000076541	-0.0002893	1.07128761	1	1

Activated B cells

Negative logFC indicates that a gene is down in DOT1L-KO

Postive logFC indicates that a gene is up in DOT1L-KO

Gene with FDR < 0.05 is considered significant

ID	logFC	logCPM	PValue	FDR
ENSMUSG00000028005	8.18461252	0.5136603	7.21E-18	1.14E-15
ENSMUSG00000033542	6.39567164	1.99491419	4.02E-29	4.81E-26
ENSMUSG00000044033	6.23879957	0.638926	1.29E-17	1.96E-15
ENSMUSG00000099391	6.1845375	0.57877359	3.44E-17	4.76E-15
ENSMUSG00000040254	6.14332033	2.8687399	5.52E-35	5.95E-31
ENSMUSG00000020092	6.07810387	0.4924649	2.60E-16	3.12E-14
ENSMUSG00000040964	5.95686134	0.39687424	2.84E-15	2.92E-13
ENSMUSG00000064043	5.82191812	0.9842993	5.55E-20	1.33E-17
ENSMUSG00000029279	5.38780549	3.0834202	2.29E-33	6.17E-30
ENSMUSG00000027204	5.34805046	1.04860524	7.09E-19	1.34E-16
ENSMUSG00000021806	5.28919223	1.85476332	5.46E-25	3.68E-22
ENSMUSG00000029330	5.20822139	2.58974176	3.59E-29	4.81E-26
ENSMUSG00000022438	5.20342863	1.52506333	3.96E-22	1.43E-19
ENSMUSG00000074743	5.17031989	0.42244239	1.40E-14	1.22E-12
ENSMUSG00000040616	5.12633639	0.39794657	1.54E-13	1.06E-11
ENSMUSG00000054640	5.10886202	0.34339596	5.36E-14	4.16E-12
ENSMUSG00000024669	5.05791966	0.8044948	2.60E-16	3.12E-14
ENSMUSG00000036381	4.99333471	1.79446674	2.03E-22	8.11E-20
ENSMUSG00000094025	4.86900809	0.13098736	2.79E-13	1.82E-11
ENSMUSG00000025555	4.8328413	1.22246011	3.29E-18	5.62E-16
ENSMUSG00000036334	4.75874751	2.47657691	2.75E-26	2.47E-23
ENSMUSG00000024897	4.72906334	0.47229623	4.91E-15	4.74E-13
ENSMUSG00000017002	4.6099768	4.32087207	9.10E-34	3.61E-30
ENSMUSG00000000058	4.54883211	0.32446757	5.83E-13	3.61E-11
ENSMUSG00000023328	4.51615929	0.92598616	5.06E-16	5.69E-14
ENSMUSG00000021876	4.51220019	0.6416821	3.73E-14	3.05E-12
ENSMUSG00000022861	4.47372983	0.25585565	3.76E-13	2.37E-11
ENSMUSG00000004891	4.46415446	2.00203114	2.47E-22	9.17E-20
ENSMUSG00000027072	4.4401419	0.82529545	2.09E-16	2.57E-14
ENSMUSG00000066705	4.43093988	0.59427323	1.20E-13	8.49E-12
ENSMUSG00000028037	4.40146151	5.4258615	1.01E-33	3.61E-30
ENSMUSG00000073489	4.29385148	3.6619855	7.91E-29	8.53E-26
ENSMUSG00000043940	4.28758633	2.91142319	5.78E-26	4.46E-23
ENSMUSG00000052512	4.22654635	1.79858266	1.31E-19	2.81E-17
ENSMUSG00000023959	4.18443945	0.60791443	7.48E-14	5.52E-12
ENSMUSG00000030772	4.1780048	1.77868722	1.48E-20	3.80E-18
ENSMUSG00000057182	4.14213019	1.87228866	1.73E-20	4.33E-18

ENSMUSG00000045672	4.13782146	0.79195194	1.13E-14	1.02E-12
ENSMUSG00000029810	4.11052179	7.22372121	7.24E-32	1.56E-28
ENSMUSG00000066861	4.09967181	1.16783582	1.33E-15	1.42E-13
ENSMUSG00000042759	4.09373576	2.43622695	5.14E-23	2.22E-20
ENSMUSG00000048899	4.07791174	0.27033369	1.16E-11	5.44E-10
ENSMUSG00000028184	4.07223579	5.23360913	8.44E-30	1.46E-26
ENSMUSG00000032363	4.04240009	1.35521981	1.49E-17	2.17E-15
ENSMUSG00000026883	4.04178263	1.93626036	6.12E-21	1.89E-18
ENSMUSG00000026463	4.02563414	2.71671874	2.39E-23	1.07E-20
ENSMUSG00000032718	4.02415207	0.70815033	6.51E-14	4.91E-12
ENSMUSG00000059498	4.02110141	2.77101335	1.25E-23	6.75E-21
ENSMUSG00000073226	4.01833416	0.85393706	2.59E-15	2.69E-13
ENSMUSG00000039835	4.01303754	0.45126433	3.77E-13	2.37E-11
ENSMUSG00000057135	4.00101367	1.23353004	1.98E-15	2.07E-13
ENSMUSG00000000530	3.98640577	1.69457754	5.60E-18	9.29E-16
ENSMUSG00000043391	3.96931851	2.30952378	7.03E-21	2.00E-18
ENSMUSG00000026548	3.94673022	2.60167787	2.34E-22	9.03E-20
ENSMUSG00000076613	3.93922511	6.79552903	9.48E-30	1.46E-26
ENSMUSG00000022844	3.90177633	0.62301879	1.51E-12	8.47E-11
ENSMUSG00000028207	3.90007228	2.44441419	1.32E-21	4.46E-19
ENSMUSG00000045039	3.88763678	0.59962651	2.38E-12	1.27E-10
ENSMUSG00000005672	3.88587237	3.1659211	3.93E-24	2.23E-21
ENSMUSG00000061356	3.86882134	2.649526	7.43E-22	2.58E-19
ENSMUSG00000041488	3.85678003	1.4634043	1.35E-16	1.71E-14
ENSMUSG00000046152	3.85305586	0.61065108	8.12E-12	3.96E-10
ENSMUSG00000025491	3.82960611	0.32454711	2.24E-11	1.00E-09
ENSMUSG00000046058	3.82450841	0.89571258	7.28E-14	5.41E-12
ENSMUSG00000020900	3.8156365	1.78291674	5.76E-18	9.42E-16
ENSMUSG00000027071	3.78807146	1.96594835	3.38E-18	5.70E-16
ENSMUSG00000038235	3.78632247	1.6871324	2.15E-17	3.05E-15
ENSMUSG00000039943	3.75460621	2.77523472	3.03E-21	9.61E-19
ENSMUSG00000062545	3.73890519	2.32922933	3.14E-19	6.27E-17
ENSMUSG00000023367	3.72015829	5.7284357	1.32E-26	1.29E-23
ENSMUSG00000022505	3.70611759	1.34060804	6.19E-15	5.75E-13
ENSMUSG00000068220	3.70555481	5.14106396	5.41E-26	4.46E-23
ENSMUSG00000053158	3.70545257	1.8765303	1.37E-17	2.05E-15
ENSMUSG00000026833	3.69405541	1.59502008	1.34E-16	1.71E-14
ENSMUSG00000038894	3.6869124	1.30145882	2.97E-15	3.03E-13
ENSMUSG00000025492	3.65961547	4.72126294	5.29E-25	3.68E-22
ENSMUSG00000026814	3.65481034	1.99942917	2.33E-17	3.27E-15
ENSMUSG00000086291	3.65187384	0.38559469	3.09E-11	1.34E-09
ENSMUSG00000047842	3.6507567	1.45832785	4.91E-16	5.57E-14
ENSMUSG00000053025	3.65066058	0.3957093	1.08E-10	4.18E-09

ENSMUSG00000022584	3.64807138	4.41995192	1.81E-24	1.09E-21
ENSMUSG00000001247	3.64545126	0.75721645	2.34E-12	1.26E-10
ENSMUSG00000028859	3.63522776	1.67565176	6.97E-17	9.39E-15
ENSMUSG00000020121	3.62507245	0.75444357	7.10E-12	3.51E-10
ENSMUSG00000015968	3.61757012	2.07801308	2.68E-18	4.67E-16
ENSMUSG00000073490	3.60040761	5.09501066	7.36E-25	4.67E-22
ENSMUSG00000095079	3.58834816	3.70633768	2.27E-23	1.06E-20
ENSMUSG00000047747	3.56568911	0.49463571	1.97E-11	8.99E-10
ENSMUSG00000022469	3.56001238	1.29164717	1.12E-14	1.02E-12
ENSMUSG00000049191	3.55871676	1.31718231	2.90E-14	2.40E-12
ENSMUSG00000018398	3.53665669	3.00854865	1.46E-20	3.80E-18
ENSMUSG00000026932	3.53400011	1.38753926	1.83E-14	1.57E-12
ENSMUSG00000040152	3.52960622	3.78210063	1.55E-22	6.44E-20
ENSMUSG00000022440	3.52521721	2.38085935	1.60E-18	2.87E-16
ENSMUSG00000024659	3.52359333	2.29243146	1.48E-18	2.71E-16
ENSMUSG00000029304	3.51158373	3.36147914	6.39E-21	1.91E-18
ENSMUSG00000002324	3.49814787	0.93112107	1.92E-12	1.06E-10
ENSMUSG00000048388	3.49698765	0.77877842	3.81E-12	1.98E-10
ENSMUSG00000058297	3.49219253	1.12696285	1.16E-13	8.30E-12
ENSMUSG00000024664	3.49167324	2.91434131	1.07E-19	2.41E-17
ENSMUSG00000026012	3.48699573	4.98867021	1.69E-23	8.68E-21
ENSMUSG00000027073	3.48131455	1.90654021	8.54E-17	1.12E-14
ENSMUSG00000038963	3.45089658	5.15170632	1.81E-23	8.87E-21
ENSMUSG00000043895	3.43707271	2.44943359	7.42E-18	1.16E-15
ENSMUSG00000038463	3.42607606	3.03658825	1.45E-19	3.06E-17
ENSMUSG00000027848	3.42390161	1.11347514	1.29E-12	7.39E-11
ENSMUSG00000048440	3.40421377	3.68709442	6.78E-21	1.98E-18
ENSMUSG00000062960	3.37170762	1.5282985	1.18E-14	1.05E-12
ENSMUSG00000020886	3.37092013	0.9225341	2.81E-12	1.48E-10
ENSMUSG00000017417	3.3600382	0.52986053	1.96E-10	6.99E-09
ENSMUSG00000022010	3.35793681	3.64967201	1.79E-20	4.38E-18
ENSMUSG00000049807	3.35667574	0.65819835	3.88E-11	1.65E-09
ENSMUSG00000019852	3.35183418	0.77293419	1.64E-11	7.61E-10
ENSMUSG00000026437	3.35163561	0.91478433	8.94E-12	4.32E-10
ENSMUSG00000061411	3.34538199	1.31498425	3.02E-13	1.95E-11
ENSMUSG00000041729	3.3393746	1.66921115	9.00E-15	8.30E-13
ENSMUSG00000012428	3.33331277	3.13425237	4.54E-19	8.75E-17
ENSMUSG00000052821	3.3247182	1.41516137	1.91E-13	1.30E-11
ENSMUSG00000033470	3.3171353	1.3675806	1.78E-13	1.22E-11
ENSMUSG00000076612	3.30765929	4.13271415	8.51E-21	2.35E-18
ENSMUSG00000026475	3.30152764	1.77056708	5.54E-15	5.20E-13
ENSMUSG00000032092	3.29961004	0.62111896	2.03E-10	7.18E-09
ENSMUSG00000070942	3.29722894	0.57760456	4.99E-11	2.09E-09

ENSMUSG00000033590	3.29296605	1.1944889	1.38E-12	7.82E-11
ENSMUSG00000066952	3.28816697	1.03646698	2.09E-12	1.15E-10
ENSMUSG00000030789	3.28439424	1.46303035	6.15E-14	4.67E-12
ENSMUSG00000005883	3.27489916	0.58845592	1.80E-10	6.53E-09
ENSMUSG00000034485	3.26429284	1.70504284	2.34E-14	1.97E-12
ENSMUSG00000045790	3.26301744	0.41215102	3.46E-10	1.17E-08
ENSMUSG00000040183	3.25532914	0.46135115	1.75E-09	4.96E-08
ENSMUSG00000062995	3.25214278	2.05774361	9.99E-16	1.09E-13
ENSMUSG00000010830	3.24711758	0.39792167	5.65E-10	1.83E-08
ENSMUSG00000019944	3.23833891	2.27487593	1.75E-16	2.17E-14
ENSMUSG00000030208	3.23185061	2.56563238	1.44E-17	2.13E-15
ENSMUSG00000059901	3.23054943	0.89548388	1.58E-11	7.39E-10
ENSMUSG00000039616	3.21750321	0.64729613	5.98E-11	2.42E-09
ENSMUSG00000009654	3.2143486	1.55640182	5.61E-14	4.32E-12
ENSMUSG00000032231	3.21389519	3.52621369	3.61E-19	7.08E-17
ENSMUSG00000019970	3.21085877	1.70521283	4.68E-14	3.71E-12
ENSMUSG00000026014	3.20896216	4.87060244	8.97E-21	2.42E-18
ENSMUSG00000035105	3.2059457	2.36530784	3.57E-16	4.10E-14
ENSMUSG00000037202	3.19326917	1.40694337	2.55E-13	1.70E-11
ENSMUSG00000071714	3.19180806	3.78207251	1.56E-19	3.24E-17
ENSMUSG00000055980	3.18497103	1.04192621	6.08E-11	2.45E-09
ENSMUSG00000029913	3.17086535	1.76082762	2.48E-14	2.08E-12
ENSMUSG00000050394	3.16506633	1.48187453	5.87E-13	3.61E-11
ENSMUSG00000025151	3.15432494	4.55419816	6.31E-20	1.48E-17
ENSMUSG00000028927	3.13958725	3.13072778	1.01E-17	1.56E-15
ENSMUSG00000027611	3.13601811	0.33023745	4.36E-09	1.14E-07
ENSMUSG00000005397	3.13582491	4.40351415	1.07E-19	2.41E-17
ENSMUSG00000001663	3.1324478	0.87986801	7.37E-12	3.63E-10
ENSMUSG00000025867	3.11704621	1.23327651	1.07E-11	5.08E-10
ENSMUSG00000027175	3.11541109	2.10392407	4.92E-15	4.74E-13
ENSMUSG00000006930	3.11331461	1.36751152	2.77E-13	1.82E-11
ENSMUSG00000036036	3.10988916	1.18306508	9.47E-12	4.52E-10
ENSMUSG00000030124	3.08860488	0.88873497	5.74E-11	2.36E-09
ENSMUSG00000038507	3.08008189	5.01200635	1.29E-19	2.81E-17
ENSMUSG00000021678	3.07895149	1.22034499	5.89E-12	2.97E-10
ENSMUSG00000087598	3.05824421	1.93525864	1.92E-14	1.64E-12
ENSMUSG00000037306	3.04627133	1.14236668	2.92E-11	1.28E-09
ENSMUSG00000095918	3.0437154	0.20566632	3.04E-09	8.19E-08
ENSMUSG00000052364	3.04228989	0.28075413	3.06E-08	6.63E-07
ENSMUSG00000002602	3.04052188	3.95458222	2.67E-18	4.67E-16
ENSMUSG00000033855	3.03660758	1.48069775	1.35E-12	7.67E-11
ENSMUSG00000044345	3.02441406	1.8279231	6.14E-14	4.67E-12
ENSMUSG00000036053	3.0180279	5.5995224	2.87E-19	5.84E-17

ENSMUSG00000024140	3.01050136	2.16727377	4.67E-14	3.71E-12
ENSMUSG00000022421	3.01018187	1.74420155	2.05E-13	1.38E-11
ENSMUSG00000069920	3.00841895	0.82830109	1.50E-10	5.61E-09
ENSMUSG00000047712	3.00423126	1.34409283	2.33E-12	1.26E-10
ENSMUSG00000018906	3.00250337	0.448456	8.02E-10	2.46E-08
ENSMUSG00000049985	2.99773003	1.45103436	3.07E-12	1.61E-10
ENSMUSG00000020061	2.99402353	0.51366541	5.66E-09	1.43E-07
ENSMUSG00000032194	2.98321166	0.69134911	5.59E-10	1.82E-08
ENSMUSG00000074923	2.97458386	0.55496749	1.17E-09	3.44E-08
ENSMUSG00000053965	2.97359593	1.6033002	9.43E-13	5.56E-11
ENSMUSG00000026796	2.97281416	2.19611817	2.99E-14	2.46E-12
ENSMUSG00000018930	2.9677659	1.97950755	5.32E-14	4.16E-12
ENSMUSG00000032281	2.95382961	0.34258661	1.88E-08	4.26E-07
ENSMUSG00000033906	2.95369616	0.71193342	2.44E-09	6.70E-08
ENSMUSG00000035385	2.93410171	1.61962897	1.08E-12	6.26E-11
ENSMUSG00000047250	2.93378267	2.54733352	1.31E-14	1.16E-12
ENSMUSG00000026131	2.9163397	3.62854132	8.34E-17	1.11E-14
ENSMUSG00000060063	2.90603883	2.46878974	2.19E-14	1.86E-12
ENSMUSG00000038732	2.89529203	1.2234252	5.22E-11	2.16E-09
ENSMUSG00000034714	2.89498486	0.98415019	1.59E-10	5.87E-09
ENSMUSG00000028378	2.89319675	3.7615066	1.21E-16	1.57E-14
ENSMUSG00000050953	2.88661725	0.71064188	1.32E-09	3.85E-08
ENSMUSG00000021477	2.88620836	3.31894889	5.14E-16	5.71E-14
ENSMUSG00000039735	2.88348498	3.15794451	1.13E-15	1.22E-13
ENSMUSG00000021069	2.88096351	1.45726336	5.97E-12	3.00E-10
ENSMUSG00000012350	2.87214668	0.49319551	7.06E-09	1.77E-07
ENSMUSG00000049866	2.86761478	4.16421428	6.10E-17	8.33E-15
ENSMUSG00000024899	2.8655612	2.07405595	6.24E-13	3.80E-11
ENSMUSG00000000555	2.84909658	2.33398451	1.36E-13	9.48E-12
ENSMUSG00000058325	2.84590522	0.95454204	4.84E-10	1.59E-08
ENSMUSG00000033174	2.84062984	3.01873629	5.15E-15	4.89E-13
ENSMUSG00000076615	2.83745858	6.6463899	6.45E-18	1.04E-15
ENSMUSG00000054072	2.82874678	4.36110175	1.45E-16	1.81E-14
ENSMUSG00000029153	2.82472055	1.43027585	2.24E-11	1.00E-09
ENSMUSG00000069830	2.81234771	2.22775801	2.95E-13	1.91E-11
ENSMUSG00000055172	2.80635504	0.91553319	5.58E-10	1.82E-08
ENSMUSG00000030786	2.80577836	4.01693176	2.69E-16	3.18E-14
ENSMUSG00000018339	2.80511248	0.74541052	2.00E-09	5.59E-08
ENSMUSG00000010307	2.80132821	0.96379158	2.27E-10	7.96E-09
ENSMUSG00000034271	2.79943091	1.12285051	3.25E-10	1.10E-08
ENSMUSG00000033880	2.79453764	6.49621968	1.85E-17	2.66E-15
ENSMUSG00000000903	2.78429008	3.06195821	1.39E-14	1.22E-12
ENSMUSG00000050989	2.78366422	2.37934581	1.99E-13	1.34E-11

ENSMUSG00000026073	2.76658026	4.58465915	3.17E-16	3.71E-14
ENSMUSG00000039963	2.7652525	0.63797756	6.78E-09	1.71E-07
ENSMUSG00000059327	2.75304626	0.46611462	8.69E-08	1.70E-06
ENSMUSG00000026589	2.75009435	0.46528269	1.08E-07	2.08E-06
ENSMUSG00000042453	2.74757882	1.33708273	5.88E-10	1.89E-08
ENSMUSG00000024935	2.74722225	1.72194213	5.43E-12	2.76E-10
ENSMUSG00000005533	2.74155653	0.79042742	5.16E-09	1.32E-07
ENSMUSG00000034462	2.73965291	2.00199899	2.38E-12	1.27E-10
ENSMUSG00000052270	2.73754547	2.53978585	7.67E-14	5.59E-12
ENSMUSG00000042156	2.73191896	2.72698233	1.36E-13	9.48E-12
ENSMUSG00000061186	2.72641095	4.12587002	1.42E-15	1.50E-13
ENSMUSG00000094502	2.72375655	2.0000355	7.98E-12	3.91E-10
ENSMUSG00000009092	2.72254667	3.63281621	3.58E-15	3.61E-13
ENSMUSG00000033460	2.72089062	0.7788579	5.16E-09	1.32E-07
ENSMUSG00000060716	2.71786056	0.55904432	8.60E-09	2.11E-07
ENSMUSG00000024424	2.71754755	2.04045394	1.60E-12	8.94E-11
ENSMUSG00000038740	2.71298809	2.2177338	1.27E-12	7.30E-11
ENSMUSG00000024459	2.69392593	2.63174913	3.16E-13	2.03E-11
ENSMUSG00000022836	2.69295975	1.47823062	6.96E-11	2.78E-09
ENSMUSG00000029223	2.69216704	4.11750986	3.72E-15	3.68E-13
ENSMUSG00000021200	2.6892607	3.01241192	3.97E-14	3.22E-12
ENSMUSG00000027199	2.68902769	5.07883024	7.10E-16	7.81E-14
ENSMUSG00000020828	2.68884684	2.18684334	2.31E-12	1.26E-10
ENSMUSG00000033066	2.67606982	3.10309903	4.50E-14	3.62E-12
ENSMUSG00000050708	2.66170253	7.44435532	3.30E-16	3.82E-14
ENSMUSG00000041460	2.66123775	0.98633785	3.89E-09	1.03E-07
ENSMUSG00000024968	2.6556788	0.9394132	1.08E-08	2.59E-07
ENSMUSG00000027399	2.653934	4.37476798	3.63E-15	3.63E-13
ENSMUSG00000017057	2.65087826	2.93746733	1.32E-13	9.28E-12
ENSMUSG00000038502	2.64832349	1.04524328	1.98E-09	5.55E-08
ENSMUSG00000068551	2.64134485	1.98379678	2.56E-11	1.13E-09
ENSMUSG00000041444	2.63091622	1.46659557	1.59E-10	5.87E-09
ENSMUSG00000025804	2.63038768	1.61571296	2.07E-11	9.44E-10
ENSMUSG00000030579	2.62818958	1.78278757	5.90E-11	2.40E-09
ENSMUSG00000027398	2.61863882	4.56949617	5.17E-15	4.89E-13
ENSMUSG00000050578	2.61629762	1.19043111	2.97E-10	1.01E-08
ENSMUSG00000038775	2.6142553	1.91885023	1.73E-11	8.01E-10
ENSMUSG00000036611	2.61126018	0.8862236	1.14E-08	2.72E-07
ENSMUSG00000020297	2.60836372	1.25674575	1.19E-09	3.50E-08
ENSMUSG00000026576	2.60713861	3.66459543	5.22E-14	4.11E-12
ENSMUSG00000039787	2.60021352	1.49806806	1.86E-10	6.70E-09
ENSMUSG00000049988	2.59914945	1.36485649	5.12E-10	1.68E-08
ENSMUSG00000032501	2.59688118	3.31388033	1.07E-13	7.67E-12

ENSMUSG0000002190	2.59574634	1.60433002	2.31E-10	8.10E-09
ENSMUSG00000035042	2.58691167	4.54776508	1.09E-14	9.98E-13
ENSMUSG00000015474	2.58610594	0.59109789	4.17E-08	8.76E-07
ENSMUSG00000026070	2.58236422	1.89816702	5.72E-11	2.36E-09
ENSMUSG00000076666	2.57939858	3.15328323	3.57E-13	2.28E-11
ENSMUSG00000042476	2.57707701	2.62464964	2.33E-12	1.26E-10
ENSMUSG00000095923	2.57578179	0.71844362	1.62E-08	3.73E-07
ENSMUSG00000020937	2.57418804	1.001718	8.69E-09	2.13E-07
ENSMUSG00000028885	2.56273232	1.47968528	2.74E-10	9.48E-09
ENSMUSG00000033287	2.55462067	1.92169829	3.01E-11	1.31E-09
ENSMUSG00000006611	2.55365837	1.61791815	4.81E-10	1.59E-08
ENSMUSG00000049001	2.55023762	2.06143869	3.29E-11	1.41E-09
ENSMUSG00000022102	2.54692054	1.07364291	4.33E-09	1.14E-07
ENSMUSG00000097471	2.54018989	0.95213774	9.12E-09	2.22E-07
ENSMUSG00000022994	2.53839923	0.67635409	2.10E-08	4.72E-07
ENSMUSG00000011148	2.53818114	2.31503888	2.75E-11	1.20E-09
ENSMUSG00000024164	2.53711385	1.78815948	8.44E-11	3.31E-09
ENSMUSG00000032262	2.53694108	0.48259369	2.25E-07	4.05E-06
ENSMUSG00000037638	2.52705688	0.8360894	1.73E-08	3.97E-07
ENSMUSG00000031444	2.52315065	0.88031291	5.84E-09	1.48E-07
ENSMUSG00000040809	2.52275876	2.1835473	2.64E-11	1.16E-09
ENSMUSG0000002006	2.52095799	1.32158538	3.04E-09	8.19E-08
ENSMUSG00000041845	2.52028314	0.60464056	7.04E-08	1.41E-06
ENSMUSG00000049103	2.5194121	0.65160684	1.25E-07	2.38E-06
ENSMUSG00000029287	2.51829358	1.85606222	1.02E-10	3.98E-09
ENSMUSG00000005803	2.51719928	0.98889678	1.36E-08	3.19E-07
ENSMUSG00000022098	2.51690284	1.17019881	9.32E-09	2.25E-07
ENSMUSG00000035829	2.51320257	0.92114103	1.53E-08	3.55E-07
ENSMUSG00000028041	2.50927194	2.07949311	3.29E-11	1.41E-09
ENSMUSG00000058715	2.50720479	3.41299484	3.78E-13	2.37E-11
ENSMUSG00000027993	2.5024955	1.46446572	1.87E-09	5.28E-08
ENSMUSG00000058099	2.49578554	3.39226345	7.93E-13	4.70E-11
ENSMUSG00000095115	2.49549402	3.2741246	5.88E-13	3.61E-11
ENSMUSG00000039831	2.49206905	1.78598631	6.71E-10	2.09E-08
ENSMUSG00000037902	2.48493228	4.50982184	9.52E-14	6.89E-12
ENSMUSG00000051439	2.47894092	0.57577187	1.06E-07	2.05E-06
ENSMUSG00000021596	2.47860159	2.04256709	9.23E-11	3.61E-09
ENSMUSG00000058672	2.47615353	3.14923086	2.11E-12	1.16E-10
ENSMUSG00000078670	2.47545593	1.58240124	6.86E-10	2.12E-08
ENSMUSG00000017144	2.47095189	1.80803338	1.68E-10	6.15E-09
ENSMUSG00000039497	2.46609547	4.50153172	1.60E-13	1.10E-11
ENSMUSG00000020176	2.46575558	0.84680217	6.22E-08	1.26E-06
ENSMUSG00000021779	2.46533568	1.48632934	2.36E-09	6.52E-08



ENSMUSG00000027995	2.46459273	3.56430398	7.52E-13	4.48E-11
ENSMUSG00000094102	2.46363108	2.537497	1.93E-11	8.86E-10
ENSMUSG00000071311	2.45367846	0.41436014	1.02E-06	1.61E-05
ENSMUSG00000022332	2.45217998	1.68686196	2.02E-09	5.63E-08
ENSMUSG00000046207	2.44931928	3.76451594	6.29E-13	3.81E-11
ENSMUSG00000024544	2.44890512	1.48598699	8.84E-10	2.68E-08
ENSMUSG00000039234	2.44772307	5.53680406	7.66E-14	5.59E-12
ENSMUSG00000050538	2.44693492	1.81463333	6.03E-10	1.92E-08
ENSMUSG00000005413	2.43683974	6.07419192	6.96E-14	5.21E-12
ENSMUSG00000036206	2.43505866	0.89922291	8.54E-08	1.67E-06
ENSMUSG00000003526	2.43390377	0.81050577	6.87E-08	1.38E-06
ENSMUSG00000024885	2.4329281	3.6371537	1.06E-12	6.16E-11
ENSMUSG00000041362	2.42934531	2.12230017	5.82E-11	2.38E-09
ENSMUSG00000025993	2.42848426	0.74334091	5.24E-08	1.07E-06
ENSMUSG00000030259	2.42777496	1.81846114	3.98E-10	1.34E-08
ENSMUSG00000004359	2.42594031	1.91389789	1.34E-10	5.02E-09
ENSMUSG00000053469	2.4180194	1.12348947	7.56E-09	1.88E-07
ENSMUSG00000032841	2.41508959	1.65419798	1.68E-09	4.79E-08
ENSMUSG00000048905	2.41354361	1.29267744	7.00E-09	1.76E-07
ENSMUSG00000015243	2.41062929	3.11346087	3.73E-12	1.94E-10
ENSMUSG00000003283	2.40753149	3.17608989	4.09E-12	2.10E-10
ENSMUSG00000004032	2.39868926	1.9933529	2.80E-10	9.60E-09
ENSMUSG00000044788	2.39722567	0.39530734	4.05E-07	6.95E-06
ENSMUSG00000034586	2.39243232	2.27910424	8.22E-11	3.24E-09
ENSMUSG00000030494	2.39100921	0.87168942	4.37E-08	9.13E-07
ENSMUSG00000017754	2.39055631	4.32132047	9.54E-13	5.59E-11
ENSMUSG00000026068	2.38988868	3.04685709	9.55E-12	4.54E-10
ENSMUSG00000071723	2.38971878	1.53433186	2.54E-09	6.91E-08
ENSMUSG00000068874	2.38744956	1.14238869	1.98E-08	4.45E-07
ENSMUSG00000074417	2.38285943	0.80063795	1.06E-07	2.05E-06
ENSMUSG00000063354	2.38194148	3.14228685	9.23E-12	4.42E-10
ENSMUSG00000044072	2.37938106	1.80605486	7.42E-10	2.29E-08
ENSMUSG00000020658	2.37840699	1.75850941	9.29E-10	2.78E-08
ENSMUSG00000024538	2.37603433	1.59977818	4.20E-09	1.10E-07
ENSMUSG00000022246	2.36970372	3.12661887	1.91E-11	8.80E-10
ENSMUSG00000019539	2.36948676	0.74653322	2.07E-07	3.76E-06
ENSMUSG00000030792	2.36353621	1.2235578	1.74E-08	3.97E-07
ENSMUSG00000026317	2.36170361	1.68581301	1.47E-09	4.27E-08
ENSMUSG00000020101	2.35946822	4.99966231	6.48E-13	3.91E-11
ENSMUSG00000021589	2.35531153	1.24587413	1.41E-08	3.32E-07
ENSMUSG00000079339	2.35455922	2.44873027	1.64E-10	6.01E-09
ENSMUSG00000028354	2.35164657	1.74785582	3.86E-09	1.03E-07
ENSMUSG00000038807	2.34977342	4.32884932	1.31E-12	7.50E-11

ENSMUSG0000005800	2.34884306	2.6927455	3.66E-11	1.56E-09
ENSMUSG00000068566	2.34702058	5.67835176	5.88E-13	3.61E-11
ENSMUSG00000006179	2.34577316	1.42349958	1.49E-08	3.48E-07
ENSMUSG00000041115	2.34302012	2.00652304	8.44E-10	2.57E-08
ENSMUSG00000034738	2.34140474	1.66247363	4.75E-09	1.23E-07
ENSMUSG00000009376	2.3376239	2.07132562	5.80E-10	1.87E-08
ENSMUSG00000068227	2.33647869	3.89938297	3.61E-12	1.89E-10
ENSMUSG00000023349	2.33416903	3.47431786	8.60E-12	4.18E-10
ENSMUSG00000060131	2.33393585	3.6381851	6.12E-12	3.06E-10
ENSMUSG00000033213	2.33264421	1.24356851	2.68E-08	5.89E-07
ENSMUSG00000059149	2.33250321	2.28684069	2.78E-10	9.58E-09
ENSMUSG00000076548	2.33114798	2.3222282	3.52E-10	1.19E-08
ENSMUSG00000076688	2.32660387	2.73401341	1.03E-10	4.00E-09
ENSMUSG00000029468	2.32381685	2.60372278	1.28E-10	4.83E-09
ENSMUSG00000029822	2.32305368	3.1805058	2.43E-11	1.08E-09
ENSMUSG00000005986	2.3226799	1.38435327	1.29E-08	3.04E-07
ENSMUSG00000033705	2.31885095	2.22195425	4.81E-10	1.59E-08
ENSMUSG00000076441	2.31821933	6.60525362	6.60E-13	3.96E-11
ENSMUSG00000039629	2.31116667	2.11654097	4.46E-10	1.49E-08
ENSMUSG00000051579	2.30968736	2.07649309	6.33E-10	1.99E-08
ENSMUSG00000055435	2.30697101	0.99112398	5.93E-08	1.20E-06
ENSMUSG00000053216	2.30618574	0.4812258	1.32E-06	2.01E-05
ENSMUSG00000018417	2.30565182	0.94164445	1.33E-07	2.50E-06
ENSMUSG00000018920	2.30539179	0.94430121	3.68E-08	7.83E-07
ENSMUSG00000051790	2.30532002	1.55436123	5.07E-09	1.30E-07
ENSMUSG00000037239	2.30493079	1.85546948	1.76E-09	4.97E-08
ENSMUSG00000015222	2.30364165	3.06685631	4.89E-11	2.05E-09
ENSMUSG00000028064	2.30255501	2.41293772	3.29E-10	1.12E-08
ENSMUSG00000036295	2.29932615	2.30232916	5.97E-10	1.90E-08
ENSMUSG00000034171	2.29675363	2.64661517	1.91E-10	6.84E-09
ENSMUSG00000049422	2.29181683	1.90176766	3.94E-09	1.04E-07
ENSMUSG00000032802	2.28973189	2.56949122	1.52E-10	5.67E-09
ENSMUSG00000021453	2.28387193	1.51306752	1.18E-08	2.81E-07
ENSMUSG00000028278	2.28088435	2.52127714	2.90E-10	9.94E-09
ENSMUSG00000070476	2.27846803	0.71869376	3.76E-07	6.54E-06
ENSMUSG00000028494	2.27648255	3.58041646	2.20E-11	9.91E-10
ENSMUSG00000038141	2.27604319	1.42859779	2.32E-08	5.14E-07
ENSMUSG00000018341	2.26592424	0.67139221	9.41E-07	1.49E-05
ENSMUSG00000026879	2.26295939	3.51804706	3.18E-11	1.37E-09
ENSMUSG00000060044	2.26221012	4.78850333	6.27E-12	3.12E-10
ENSMUSG00000051339	2.25267567	1.85666489	4.94E-09	1.27E-07
ENSMUSG00000026836	2.25064164	2.0368823	2.55E-09	6.93E-08
ENSMUSG00000019066	2.24862788	2.41719462	6.19E-10	1.95E-08

ENSMUSG00000024679	2.2484053	3.27851821	5.10E-11	2.12E-09
ENSMUSG00000029026	2.24772269	2.0979054	1.73E-09	4.92E-08
ENSMUSG00000002997	2.24372921	2.65870331	2.46E-10	8.55E-09
ENSMUSG000000051457	2.2368712	5.57974398	5.88E-12	2.97E-10
ENSMUSG00000001348	2.23531025	1.9085289	4.62E-09	1.20E-07
ENSMUSG000000053063	2.2320609	1.40049506	2.18E-08	4.89E-07
ENSMUSG000000040711	2.2219338	0.98248352	1.64E-07	3.03E-06
ENSMUSG000000028556	2.21958262	4.21607654	2.17E-11	9.82E-10
ENSMUSG000000026177	2.2183602	2.02054955	2.18E-09	6.06E-08
ENSMUSG000000045763	2.21738339	3.07653683	1.58E-10	5.86E-09
ENSMUSG000000095642	2.21495893	4.22455104	2.30E-11	1.03E-09
ENSMUSG000000049625	2.21476282	1.75240446	1.80E-08	4.11E-07
ENSMUSG000000005640	2.21296407	0.36090909	2.47E-06	3.54E-05
ENSMUSG000000038764	2.21154995	2.32510644	1.14E-09	3.37E-08
ENSMUSG000000095429	2.20855835	3.97362344	4.01E-11	1.70E-09
ENSMUSG000000074813	2.20777545	2.70064629	4.46E-10	1.49E-08
ENSMUSG000000094051	2.20726776	3.02039644	1.77E-10	6.47E-09
ENSMUSG000000056888	2.20670756	7.92147634	5.31E-12	2.71E-10
ENSMUSG000000055305	2.20073246	0.51570409	2.00E-06	2.93E-05
ENSMUSG000000038034	2.19979372	1.58781652	5.25E-08	1.07E-06
ENSMUSG000000041895	2.19913661	1.45291297	4.78E-08	9.86E-07
ENSMUSG000000068129	2.1966903	3.93863474	5.95E-11	2.41E-09
ENSMUSG000000095442	2.19520443	2.73297675	6.58E-10	2.05E-08
ENSMUSG000000033777	2.192755	1.23454497	3.08E-08	6.68E-07
ENSMUSG000000060703	2.19144002	1.61792878	3.50E-08	7.51E-07
ENSMUSG000000026411	2.19084345	2.49724661	1.49E-09	4.30E-08
ENSMUSG000000029530	2.19006633	2.34602943	1.39E-09	4.04E-08
ENSMUSG000000042155	2.1869803	1.66978286	1.91E-08	4.31E-07
ENSMUSG000000035493	2.18529072	0.64333082	1.12E-06	1.74E-05
ENSMUSG000000024066	2.18132962	4.2781373	4.71E-11	1.99E-09
ENSMUSG000000029322	2.18000731	8.00183415	9.06E-12	4.36E-10
ENSMUSG000000034413	2.17642189	1.50612252	1.81E-08	4.13E-07
ENSMUSG000000030410	2.16695365	0.27099402	9.40E-06	0.00011978
ENSMUSG000000006800	2.16511327	2.26765502	3.79E-09	1.01E-07
ENSMUSG000000026981	2.163906	2.82942508	7.76E-10	2.38E-08
ENSMUSG000000094509	2.16290021	2.52479297	1.65E-09	4.71E-08
ENSMUSG000000034613	2.15939696	2.76436265	8.97E-10	2.71E-08
ENSMUSG000000040265	2.1564134	1.47494635	8.40E-08	1.65E-06
ENSMUSG000000034947	2.15536115	2.12908764	3.99E-09	1.05E-07
ENSMUSG000000062488	2.15370686	1.06089638	4.00E-07	6.89E-06
ENSMUSG000000049037	2.15272403	2.18085058	3.14E-09	8.42E-08
ENSMUSG000000094796	2.14864466	2.86984074	9.29E-10	2.78E-08
ENSMUSG000000096499	2.14661139	4.02200881	1.05E-10	4.07E-09

ENSMUSG00000048534	2.14520003	3.87971695	1.22E-10	4.65E-09
ENSMUSG00000096805	2.14470559	4.11289904	1.09E-10	4.20E-09
ENSMUSG00000022148	2.14455816	3.47118376	2.36E-10	8.23E-09
ENSMUSG00000042331	2.14127537	4.48742329	7.67E-11	3.04E-09
ENSMUSG00000024621	2.14033281	1.28715329	1.28E-07	2.43E-06
ENSMUSG00000028597	2.13602987	1.40470519	8.52E-08	1.67E-06
ENSMUSG00000042272	2.13569168	2.32230196	7.75E-09	1.93E-07
ENSMUSG00000015143	2.13331038	2.52827471	2.51E-09	6.88E-08
ENSMUSG00000044534	2.13101268	1.9886855	2.28E-08	5.07E-07
ENSMUSG00000022297	2.12890145	2.62169609	1.50E-09	4.30E-08
ENSMUSG00000020032	2.1274207	1.8026727	2.53E-08	5.57E-07
ENSMUSG00000003484	2.12675922	3.30347239	5.86E-10	1.89E-08
ENSMUSG00000025351	2.12615592	0.64259315	1.64E-06	2.44E-05
ENSMUSG00000092060	2.12406868	3.75907715	2.12E-10	7.45E-09
ENSMUSG00000076535	2.1225192	4.77431588	8.09E-11	3.20E-09
ENSMUSG00000074896	2.12233731	3.31322051	6.05E-10	1.92E-08
ENSMUSG00000033581	2.12147781	0.5657425	1.35E-06	2.04E-05
ENSMUSG00000062345	2.12138659	3.66058201	1.95E-10	6.95E-09
ENSMUSG00000076540	2.12058346	3.97116448	1.99E-10	7.06E-09
ENSMUSG00000002289	2.11991141	1.31300956	1.51E-07	2.81E-06
ENSMUSG00000003380	2.11229333	1.33096936	2.30E-07	4.11E-06
ENSMUSG00000076695	2.1104385	5.21304448	6.82E-11	2.73E-09
ENSMUSG00000030342	2.10873764	5.30611583	7.30E-11	2.91E-09
ENSMUSG00000021708	2.10634154	1.57450706	9.55E-08	1.85E-06
ENSMUSG00000040209	2.10542398	2.97525643	1.89E-09	5.33E-08
ENSMUSG00000043953	2.10386967	2.39273638	3.87E-09	1.03E-07
ENSMUSG00000019558	2.10305958	1.09738521	8.50E-07	1.37E-05
ENSMUSG00000027636	2.10122391	1.07493928	4.00E-07	6.89E-06
ENSMUSG00000094561	2.09884385	6.06488148	5.81E-11	2.38E-09
ENSMUSG00000025810	2.09595799	0.81839665	1.36E-06	2.06E-05
ENSMUSG00000052271	2.09575675	4.35354188	1.84E-10	6.65E-09
ENSMUSG00000041420	2.08803854	1.48564579	1.39E-07	2.60E-06
ENSMUSG00000035158	2.08737697	1.27554329	1.47E-07	2.73E-06
ENSMUSG00000015305	2.08153515	1.93080947	3.03E-08	6.58E-07
ENSMUSG00000022126	2.07930804	4.84451895	1.64E-10	6.01E-09
ENSMUSG00000036622	2.07887178	3.75067337	6.52E-10	2.04E-08
ENSMUSG00000097101	2.07413343	0.38882821	1.54E-05	0.00018781
ENSMUSG00000021281	2.06966984	2.27051572	9.91E-09	2.39E-07
ENSMUSG00000032661	2.06937286	5.76813045	1.27E-10	4.81E-09
ENSMUSG00000025780	2.06883915	2.23592164	1.50E-08	3.49E-07
ENSMUSG00000033083	2.06839417	3.81723838	5.95E-10	1.90E-08
ENSMUSG00000036362	2.06645419	2.92908092	2.64E-09	7.15E-08
ENSMUSG00000003573	2.06456451	0.77346693	3.18E-06	4.46E-05

ENSMUSG00000024617	2.06408189	2.20981412	1.96E-08	4.43E-07
ENSMUSG00000032690	2.06256941	6.27214983	1.15E-10	4.41E-09
ENSMUSG00000055733	2.05903878	1.50474989	1.27E-07	2.41E-06
ENSMUSG00000076541	2.05513961	1.39583911	1.64E-07	3.03E-06
ENSMUSG00000042842	2.05286609	6.70350482	1.28E-10	4.83E-09
ENSMUSG00000029392	2.04456158	1.61404077	1.26E-07	2.39E-06
ENSMUSG00000026011	2.04219106	3.7436656	9.15E-10	2.76E-08
ENSMUSG00000022468	2.04197414	3.80940685	8.50E-10	2.58E-08
ENSMUSG00000000957	2.04173478	1.82566398	4.06E-08	8.58E-07
ENSMUSG00000068747	2.04123143	1.63572431	1.16E-07	2.22E-06
ENSMUSG00000020439	2.03550111	1.4908855	2.57E-07	4.56E-06
ENSMUSG00000096580	2.03198392	1.45297801	2.24E-07	4.03E-06
ENSMUSG00000049307	2.0282949	2.77385214	9.29E-09	2.25E-07
ENSMUSG00000020057	2.02769633	1.23612333	6.50E-07	1.07E-05
ENSMUSG00000063146	2.02729204	2.4596176	1.28E-08	3.02E-07
ENSMUSG00000076934	2.02614248	8.22618418	1.82E-10	6.58E-09
ENSMUSG00000095200	2.02528812	3.9293147	1.05E-09	3.13E-08
ENSMUSG00000036019	2.02324706	1.67532111	1.88E-07	3.44E-06
ENSMUSG00000050737	2.02267628	1.62974314	1.16E-07	2.22E-06
ENSMUSG00000017493	2.02060578	0.63573407	8.15E-06	0.00010488
ENSMUSG00000029379	2.01911645	4.37657272	6.11E-10	1.93E-08
ENSMUSG00000026358	2.01852622	2.71040852	1.00E-08	2.41E-07
ENSMUSG00000045658	2.01427673	1.12299555	8.50E-07	1.37E-05
ENSMUSG00000034993	2.01333256	2.96017688	4.79E-09	1.24E-07
ENSMUSG00000032691	2.00586838	1.19638237	4.25E-07	7.23E-06
ENSMUSG00000037995	2.00463333	0.83339228	3.11E-06	4.38E-05
ENSMUSG00000026700	2.00239897	2.82564979	8.41E-09	2.08E-07
ENSMUSG00000061175	1.99847479	1.3575747	2.06E-07	3.75E-06
ENSMUSG00000021108	1.99501176	1.4018177	5.19E-07	8.68E-06
ENSMUSG00000000552	1.99407761	2.12888931	7.82E-08	1.55E-06
ENSMUSG00000000982	1.99306851	4.13174478	1.42E-09	4.13E-08
ENSMUSG00000032122	1.99271635	5.67395645	5.77E-10	1.87E-08
ENSMUSG00000020641	1.99226069	5.27572175	6.51E-10	2.04E-08
ENSMUSG00000059248	1.99209546	5.92855543	4.73E-10	1.57E-08
ENSMUSG00000056124	1.99157911	0.90772646	2.16E-06	3.15E-05
ENSMUSG00000026764	1.98909545	2.81946853	9.82E-09	2.37E-07
ENSMUSG00000007987	1.98605955	2.49859773	2.88E-08	6.29E-07
ENSMUSG00000030256	1.98330148	6.14233936	5.23E-10	1.71E-08
ENSMUSG00000036353	1.9802126	2.2855928	6.08E-08	1.23E-06
ENSMUSG00000020279	1.97950975	4.74793122	1.11E-09	3.28E-08
ENSMUSG00000034361	1.97710914	3.12758998	8.57E-09	2.11E-07
ENSMUSG00000035936	1.97551692	1.30344097	8.47E-07	1.37E-05
ENSMUSG00000030144	1.97426708	3.64237461	2.74E-09	7.40E-08

ENSMUSG0000000753	1.97268625	2.20646614	7.39E-08	1.48E-06
ENSMUSG00000052776	1.96996155	4.62234253	1.50E-09	4.30E-08
ENSMUSG00000028926	1.96567146	2.34277867	2.86E-08	6.25E-07
ENSMUSG00000028082	1.96433548	3.51144815	4.56E-09	1.19E-07
ENSMUSG00000025092	1.96401774	2.79017967	1.84E-08	4.19E-07
ENSMUSG0000002250	1.96367978	2.40203819	3.62E-08	7.75E-07
ENSMUSG00000096410	1.96335019	5.43667658	1.02E-09	3.04E-08
ENSMUSG00000066677	1.96258904	4.23647466	3.16E-09	8.47E-08
ENSMUSG00000035273	1.96164956	5.37941593	1.16E-09	3.40E-08
ENSMUSG00000029602	1.95960827	2.83662449	1.91E-08	4.31E-07
ENSMUSG00000021703	1.95670863	6.32909008	8.29E-10	2.53E-08
ENSMUSG00000019990	1.95507805	2.29837603	7.81E-08	1.55E-06
ENSMUSG00000005447	1.95294801	1.69511202	5.38E-07	8.97E-06
ENSMUSG00000035547	1.95178943	2.52489714	3.72E-08	7.91E-07
ENSMUSG00000038545	1.94753271	1.792859	2.74E-07	4.86E-06
ENSMUSG00000022305	1.9404644	1.39320942	1.20E-06	1.85E-05
ENSMUSG00000101581	1.94031619	2.14067848	1.32E-07	2.48E-06
ENSMUSG00000022528	1.93893912	1.29214987	4.40E-07	7.48E-06
ENSMUSG00000046245	1.93594242	0.68138627	6.55E-06	8.61E-05
ENSMUSG00000066755	1.93342018	0.55731619	2.42E-05	0.00028248
ENSMUSG00000025498	1.92908411	5.96984556	1.49E-09	4.30E-08
ENSMUSG00000026179	1.92822161	3.56577522	8.65E-09	2.12E-07
ENSMUSG00000020901	1.92461547	4.1711911	4.64E-09	1.20E-07
ENSMUSG00000073802	1.91713027	2.59234815	5.41E-08	1.10E-06
ENSMUSG00000021822	1.91670087	1.23856989	1.11E-06	1.72E-05
ENSMUSG00000035711	1.91617051	1.6331585	9.04E-07	1.45E-05
ENSMUSG00000040552	1.91126782	1.78286866	4.07E-07	6.97E-06
ENSMUSG00000029759	1.91125943	4.14966848	5.30E-09	1.35E-07
ENSMUSG00000032298	1.91121889	3.44094424	1.25E-08	2.96E-07
ENSMUSG00000020205	1.90806265	1.89158486	3.45E-07	6.06E-06
ENSMUSG00000025433	1.90805212	2.82592221	5.12E-08	1.05E-06
ENSMUSG00000035713	1.90769204	1.04674529	4.12E-06	5.63E-05
ENSMUSG00000025473	1.90524635	2.632519	5.06E-08	1.04E-06
ENSMUSG00000025743	1.90436502	4.36918399	5.10E-09	1.31E-07
ENSMUSG00000021591	1.90364003	5.91899461	2.37E-09	6.53E-08
ENSMUSG00000046841	1.90188578	6.34201615	2.23E-09	6.19E-08
ENSMUSG00000023132	1.9006048	1.27505912	2.92E-06	4.14E-05
ENSMUSG00000004730	1.90043603	5.99431899	2.53E-09	6.91E-08
ENSMUSG00000030064	1.89698498	1.81113542	4.49E-07	7.60E-06
ENSMUSG00000076940	1.89649695	6.26793912	2.52E-09	6.90E-08
ENSMUSG00000079445	1.89287934	3.65923757	1.42E-08	3.32E-07
ENSMUSG00000036502	1.89201357	1.13790886	3.30E-06	4.61E-05
ENSMUSG00000030142	1.88436309	4.25162834	7.87E-09	1.95E-07

ENSMUSG00000003363	1.88409293	3.42112159	2.35E-08	5.20E-07
ENSMUSG00000004508	1.88298814	2.65504351	8.00E-08	1.58E-06
ENSMUSG00000076562	1.88279955	3.71726703	1.54E-08	3.57E-07
ENSMUSG00000041736	1.87991121	2.36169213	1.36E-07	2.55E-06
ENSMUSG00000094164	1.87983187	3.08644727	3.20E-08	6.91E-07
ENSMUSG00000024529	1.87914961	0.62736261	9.76E-06	0.00012416
ENSMUSG00000082088	1.87615648	0.96422619	1.03E-05	0.00013068
ENSMUSG00000094694	1.87472461	5.25773061	5.37E-09	1.36E-07
ENSMUSG00000035776	1.87316532	4.99714813	6.44E-09	1.62E-07
ENSMUSG00000046329	1.87257424	3.00500773	4.71E-08	9.74E-07
ENSMUSG00000038352	1.86626496	4.90783216	7.57E-09	1.88E-07
ENSMUSG00000032561	1.86242986	2.53974778	6.95E-08	1.39E-06
ENSMUSG00000031216	1.86111881	1.28686572	3.31E-06	4.62E-05
ENSMUSG00000059316	1.86108947	2.67593218	9.17E-08	1.78E-06
ENSMUSG00000025044	1.85911681	2.45853939	8.80E-08	1.72E-06
ENSMUSG00000020573	1.85774036	6.82680402	4.58E-09	1.19E-07
ENSMUSG00000032207	1.85681189	1.25819487	2.36E-06	3.41E-05
ENSMUSG00000076598	1.85202923	3.55752785	3.10E-08	6.69E-07
ENSMUSG00000029380	1.85062908	1.90948953	4.55E-07	7.68E-06
ENSMUSG00000030847	1.84708871	2.06419502	3.62E-07	6.32E-06
ENSMUSG00000022132	1.84657112	1.17989379	4.66E-06	6.32E-05
ENSMUSG00000024913	1.84298127	1.02642527	1.09E-05	0.00013651
ENSMUSG00000044037	1.84110489	1.87422311	8.44E-07	1.36E-05
ENSMUSG00000078816	1.84007092	0.97290685	1.53E-05	0.00018619
ENSMUSG00000028476	1.8399059	1.56468158	1.26E-06	1.93E-05
ENSMUSG0000002885	1.83982747	5.47615839	8.88E-09	2.17E-07
ENSMUSG00000056529	1.83654227	1.33028008	3.16E-06	4.44E-05
ENSMUSG00000039007	1.83474997	1.00772086	1.58E-05	0.00019164
ENSMUSG00000073494	1.8347371	0.5350884	4.19E-05	0.00046046
ENSMUSG00000022180	1.82897285	0.84579364	1.40E-05	0.00017308
ENSMUSG00000070780	1.82890663	2.726205	1.21E-07	2.32E-06
ENSMUSG00000031803	1.82727472	0.91958732	1.88E-05	0.00022409
ENSMUSG00000095565	1.82460116	3.49884252	4.55E-08	9.46E-07
ENSMUSG00000079017	1.82425785	6.08734608	9.31E-09	2.25E-07
ENSMUSG00000040009	1.82306433	0.53063608	6.04E-05	0.00063502
ENSMUSG00000022799	1.82177506	3.59598102	4.78E-08	9.86E-07
ENSMUSG00000039236	1.82151054	4.33159109	2.19E-08	4.89E-07
ENSMUSG00000026811	1.81813966	2.24440826	4.03E-07	6.94E-06
ENSMUSG00000029275	1.81599873	1.76187762	1.66E-06	2.47E-05
ENSMUSG00000020085	1.81520002	1.57348545	1.55E-06	2.31E-05
ENSMUSG00000046794	1.81322694	1.92543225	9.07E-07	1.45E-05
ENSMUSG00000024677	1.81234644	6.08206393	1.14E-08	2.72E-07
ENSMUSG00000050315	1.81090023	0.74552187	2.85E-05	0.0003275

ENSMUSG00000013236	1.81071877	2.50774733	2.23E-07	4.03E-06
ENSMUSG00000076668	1.81016656	1.39559719	4.17E-06	5.69E-05
ENSMUSG00000002985	1.80892098	1.94911798	1.16E-06	1.80E-05
ENSMUSG00000046718	1.80623633	6.24383244	1.25E-08	2.96E-07
ENSMUSG00000036606	1.80533752	4.6352891	2.48E-08	5.48E-07
ENSMUSG00000054619	1.80472933	2.2609627	5.00E-07	8.39E-06
ENSMUSG00000030793	1.80152273	4.27193839	3.41E-08	7.32E-07
ENSMUSG00000016756	1.79806712	5.94627285	1.51E-08	3.51E-07
ENSMUSG00000056413	1.79797352	4.06983586	4.18E-08	8.76E-07
ENSMUSG00000009687	1.79392461	6.31131465	1.54E-08	3.56E-07
ENSMUSG00000018507	1.79349749	6.00132544	1.62E-08	3.73E-07
ENSMUSG00000032333	1.79161495	3.47382006	8.70E-08	1.70E-06
ENSMUSG00000022892	1.79142548	3.987754	4.93E-08	1.01E-06
ENSMUSG00000044162	1.79137888	3.2949956	1.32E-07	2.48E-06
ENSMUSG00000030474	1.7905276	0.93678646	1.20E-05	0.00014941
ENSMUSG00000052609	1.78945982	2.63374836	2.24E-07	4.03E-06
ENSMUSG00000054065	1.78891924	2.65191257	3.54E-07	6.20E-06
ENSMUSG00000023913	1.78720926	3.63604909	6.56E-08	1.32E-06
ENSMUSG00000095285	1.78684398	3.94484782	4.61E-08	9.59E-07
ENSMUSG00000029207	1.7861948	1.71061531	2.98E-06	4.21E-05
ENSMUSG00000095612	1.78573202	5.46330088	2.30E-08	5.11E-07
ENSMUSG00000024777	1.78425937	2.40341547	5.31E-07	8.87E-06
ENSMUSG00000022895	1.78335527	4.41986149	3.64E-08	7.77E-07
ENSMUSG00000096150	1.78203887	4.21453387	4.42E-08	9.22E-07
ENSMUSG00000095351	1.78095933	4.87822213	3.23E-08	6.95E-07
ENSMUSG00000019055	1.77932248	2.38482745	4.99E-07	8.39E-06
ENSMUSG00000013033	1.77835584	3.05524722	1.57E-07	2.92E-06
ENSMUSG00000049577	1.77718483	1.61482816	4.52E-06	6.14E-05
ENSMUSG00000021687	1.77646884	2.38850228	5.31E-07	8.87E-06
ENSMUSG00000095583	1.77549282	4.5158485	4.13E-08	8.71E-07
ENSMUSG00000031379	1.77195656	2.05217257	1.72E-06	2.55E-05
ENSMUSG00000096459	1.77040075	6.26180734	2.32E-08	5.14E-07
ENSMUSG00000029816	1.76775039	3.08193807	1.61E-07	2.98E-06
ENSMUSG00000061666	1.7677139	2.25267862	9.33E-07	1.48E-05
ENSMUSG00000072966	1.76766351	3.44824289	1.25E-07	2.38E-06
ENSMUSG00000076545	1.76553405	4.70553365	4.21E-08	8.82E-07
ENSMUSG00000022838	1.76497528	5.0255979	3.88E-08	8.22E-07
ENSMUSG00000023050	1.76470556	2.600129	3.94E-07	6.83E-06
ENSMUSG00000041000	1.76394573	1.88942058	1.97E-06	2.89E-05
ENSMUSG00000094194	1.76329268	4.92554431	4.13E-08	8.71E-07
ENSMUSG00000059089	1.76255144	2.03399051	1.20E-06	1.85E-05
ENSMUSG00000047281	1.76162415	2.35294981	9.58E-07	1.51E-05
ENSMUSG00000020601	1.76157106	5.11332463	3.85E-08	8.18E-07



ENSMUSG00000027078	1.76103703	4.682192	4.88E-08	1.00E-06
ENSMUSG00000067377	1.75748879	2.39386798	7.77E-07	1.26E-05
ENSMUSG00000041954	1.7573269	0.63044128	0.000138	0.00132163
ENSMUSG00000023495	1.75547469	0.91552354	4.28E-05	0.00046886
ENSMUSG00000079293	1.75442917	1.52754746	3.57E-06	4.94E-05
ENSMUSG00000072623	1.7516615	1.97040509	1.14E-06	1.77E-05
ENSMUSG00000018774	1.75162385	3.05444777	2.54E-07	4.53E-06
ENSMUSG00000040322	1.75110492	3.92122696	9.86E-08	1.91E-06
ENSMUSG00000023079	1.74978109	2.78856223	4.00E-07	6.89E-06
ENSMUSG00000095197	1.74905679	1.98649562	1.84E-06	2.70E-05
ENSMUSG00000029650	1.74890669	2.82528311	2.84E-07	5.02E-06
ENSMUSG00000056592	1.748454	2.57826476	5.86E-07	9.74E-06
ENSMUSG00000058427	1.74831672	4.06558762	7.69E-08	1.53E-06
ENSMUSG00000075602	1.74650755	10.1780251	2.78E-08	6.08E-07
ENSMUSG00000058163	1.74604325	3.7396302	1.20E-07	2.31E-06
ENSMUSG00000034616	1.74237086	2.59308136	6.19E-07	1.03E-05
ENSMUSG00000064373	1.74229882	4.34939527	8.15E-08	1.61E-06
ENSMUSG00000051236	1.74026832	2.57497391	7.34E-07	1.20E-05
ENSMUSG00000050957	1.74020078	2.42743409	9.25E-07	1.47E-05
ENSMUSG00000041688	1.73770352	2.02879799	1.30E-06	1.98E-05
ENSMUSG00000079227	1.73723484	4.75214939	6.65E-08	1.34E-06
ENSMUSG00000030774	1.73698567	2.55231852	7.39E-07	1.20E-05
ENSMUSG00000030060	1.73585245	3.26718488	2.26E-07	4.06E-06
ENSMUSG00000052928	1.73573675	1.25234184	1.55E-05	0.00018811
ENSMUSG00000045551	1.73426246	2.70329798	4.42E-07	7.49E-06
ENSMUSG00000031995	1.7323234	3.87049153	1.27E-07	2.41E-06
ENSMUSG00000031239	1.7307723	3.29540127	2.56E-07	4.55E-06
ENSMUSG00000054342	1.73044643	2.7154897	5.74E-07	9.55E-06
ENSMUSG00000042249	1.72892156	2.45044252	1.09E-06	1.71E-05
ENSMUSG0000003032	1.72784544	0.53293496	0.00014458	0.00137369
ENSMUSG00000007891	1.72675466	6.56648984	4.67E-08	9.69E-07
ENSMUSG00000027173	1.72544247	0.90876836	4.60E-05	0.00049786
ENSMUSG00000031596	1.7248646	3.05007774	2.54E-07	4.53E-06
ENSMUSG00000025268	1.72328218	1.22581397	1.44E-05	0.00017672
ENSMUSG00000047371	1.72028336	1.13131733	3.04E-05	0.00034782
ENSMUSG00000030917	1.71997788	0.86132936	3.98E-05	0.00044246
ENSMUSG00000029860	1.71915709	2.27425408	1.69E-06	2.51E-05
ENSMUSG00000056220	1.71905093	2.98335085	4.23E-07	7.20E-06
ENSMUSG00000029053	1.71820182	1.85936823	2.03E-06	2.97E-05
ENSMUSG00000021485	1.71742205	1.48704605	1.04E-05	0.00013138
ENSMUSG00000017631	1.71589327	5.33748011	7.55E-08	1.51E-06
ENSMUSG00000032769	1.71368329	2.09666277	3.17E-06	4.46E-05
ENSMUSG00000039959	1.71309931	4.34434819	1.27E-07	2.41E-06

ENSMUSG00000020882	1.71283352	1.03452408	2.61E-05	0.00030308
ENSMUSG00000093955	1.70894759	2.84969572	6.46E-07	1.06E-05
ENSMUSG00000076543	1.70724755	3.11895358	4.07E-07	6.97E-06
ENSMUSG00000096672	1.70239087	2.09066676	3.97E-06	5.45E-05
ENSMUSG00000022793	1.70102624	2.1546648	3.42E-06	4.76E-05
ENSMUSG00000001020	1.69861351	2.15997274	2.60E-06	3.72E-05
ENSMUSG00000095210	1.69772051	4.30076872	1.63E-07	3.01E-06
ENSMUSG00000070390	1.69529137	1.40465565	1.05E-05	0.00013258
ENSMUSG00000032418	1.69177259	2.34157181	1.69E-06	2.51E-05
ENSMUSG00000045827	1.69115429	6.78455984	8.22E-08	1.62E-06
ENSMUSG00000096210	1.69098822	4.16562431	1.87E-07	3.43E-06
ENSMUSG00000069833	1.68775006	5.03792105	1.30E-07	2.45E-06
ENSMUSG00000029925	1.68755776	4.42488834	2.13E-07	3.85E-06
ENSMUSG00000057914	1.68726556	0.69436025	0.00016336	0.00152918
ENSMUSG00000038151	1.68168595	6.96884721	9.24E-08	1.80E-06
ENSMUSG00000031832	1.67988619	1.86465494	7.52E-06	9.77E-05
ENSMUSG00000040026	1.67981062	1.61256639	4.87E-06	6.55E-05
ENSMUSG00000076536	1.67885854	2.64378488	1.10E-06	1.71E-05
ENSMUSG00000079362	1.67787411	5.34244845	1.43E-07	2.68E-06
ENSMUSG00000033644	1.67784436	3.04069765	6.43E-07	1.06E-05
ENSMUSG00000035722	1.67703661	4.2861471	2.31E-07	4.14E-06
ENSMUSG00000021375	1.67508095	2.88612225	8.04E-07	1.30E-05
ENSMUSG00000094930	1.67481982	4.07155249	2.92E-07	5.17E-06
ENSMUSG00000039976	1.6740756	1.77079839	7.32E-06	9.54E-05
ENSMUSG00000038936	1.67377656	3.77160989	3.71E-07	6.47E-06
ENSMUSG00000040584	1.671396	2.70469808	9.60E-07	1.51E-05
ENSMUSG00000076552	1.67136814	2.8116385	1.05E-06	1.64E-05
ENSMUSG00000051314	1.67048939	2.41717614	2.87E-06	4.08E-05
ENSMUSG00000020785	1.66992103	1.33952153	2.74E-05	0.00031613
ENSMUSG00000024300	1.66990887	2.9723308	9.62E-07	1.51E-05
ENSMUSG00000095519	1.6694591	2.89981137	9.16E-07	1.46E-05
ENSMUSG00000057606	1.6691674	1.20406273	3.25E-05	0.00036887
ENSMUSG00000050335	1.66431966	3.11342094	9.30E-07	1.48E-05
ENSMUSG00000019122	1.66373463	1.25592159	1.67E-05	0.00020021
ENSMUSG00000022657	1.66314558	4.2597278	3.41E-07	5.99E-06
ENSMUSG00000048163	1.66185768	5.70874101	1.57E-07	2.92E-06
ENSMUSG00000076586	1.66162329	5.12258713	1.98E-07	3.62E-06
ENSMUSG00000020841	1.66160969	4.85122648	2.04E-07	3.72E-06
ENSMUSG00000030589	1.65943569	2.04215991	8.02E-06	0.00010337
ENSMUSG00000041779	1.65868147	5.70291377	1.65E-07	3.03E-06
ENSMUSG00000076655	1.65635606	3.78206128	4.22E-07	7.20E-06
ENSMUSG00000003123	1.65496686	2.04760104	4.93E-06	6.62E-05
ENSMUSG00000022479	1.65496197	0.63982194	0.00017261	0.00160439

ENSMUSG00000026335	1.65111546	1.79183295	1.04E-05	0.00013138
ENSMUSG00000076709	1.64903725	2.16235524	5.05E-06	6.75E-05
ENSMUSG00000039304	1.64508498	3.48041964	6.34E-07	1.05E-05
ENSMUSG00000028456	1.64468617	1.99092293	5.59E-06	7.43E-05
ENSMUSG00000073755	1.64434567	1.40685794	1.96E-05	0.00023384
ENSMUSG00000054752	1.64348512	2.43372005	2.51E-06	3.59E-05
ENSMUSG00000000037	1.64024639	1.58523395	1.52E-05	0.00018514
ENSMUSG00000046688	1.63901194	3.27994181	9.19E-07	1.46E-05
ENSMUSG00000042632	1.6380925	1.98012677	5.87E-06	7.80E-05
ENSMUSG00000094951	1.6367047	5.0522781	2.98E-07	5.25E-06
ENSMUSG00000095889	1.63540251	2.55905925	2.22E-06	3.22E-05
ENSMUSG00000022540	1.63471616	2.94719338	1.43E-06	2.16E-05
ENSMUSG00000045659	1.63395229	0.62246147	0.00023989	0.00213977
ENSMUSG00000041836	1.63349494	4.25904219	4.59E-07	7.75E-06
ENSMUSG00000025938	1.63217447	2.45610387	3.06E-06	4.31E-05
ENSMUSG00000096464	1.62771033	4.80658441	3.74E-07	6.52E-06
ENSMUSG00000101389	1.62676611	1.64260086	1.34E-05	0.00016615
ENSMUSG00000001473	1.62626075	3.88065794	6.46E-07	1.06E-05
ENSMUSG00000058755	1.62588459	2.66207815	2.33E-06	3.37E-05
ENSMUSG00000035239	1.6256287	1.74331793	1.05E-05	0.00013279
ENSMUSG00000078452	1.62545635	1.27644788	4.61E-05	0.00049914
ENSMUSG00000001750	1.62385799	4.89200653	3.99E-07	6.89E-06
ENSMUSG00000003346	1.62350605	1.77265018	1.54E-05	0.00018735
ENSMUSG00000048120	1.62199564	4.94761927	3.90E-07	6.78E-06
ENSMUSG00000040212	1.62128775	4.19151936	6.28E-07	1.04E-05
ENSMUSG00000044469	1.62075233	1.88794525	1.30E-05	0.0001612
ENSMUSG00000006445	1.61885465	1.52589595	3.56E-05	0.00040054
ENSMUSG00000030516	1.61857067	0.74664664	0.00017183	0.00160294
ENSMUSG00000030255	1.61844063	1.1075378	8.39E-05	0.00085047
ENSMUSG00000031373	1.61824508	2.59147551	3.56E-06	4.94E-05
ENSMUSG00000061046	1.61755884	1.251066	5.55E-05	0.00058804
ENSMUSG00000027776	1.61654211	2.84507878	2.30E-06	3.33E-05
ENSMUSG00000042826	1.61579584	2.05177631	8.42E-06	0.00010798
ENSMUSG00000041757	1.61502122	1.1617825	5.06E-05	0.00054261
ENSMUSG00000076533	1.61431498	1.84507279	1.03E-05	0.00013017
ENSMUSG00000068245	1.61382503	3.44415628	1.06E-06	1.65E-05
ENSMUSG00000015027	1.61195479	5.29089392	4.19E-07	7.16E-06
ENSMUSG00000025854	1.61105996	1.60865572	2.06E-05	0.00024398
ENSMUSG00000042616	1.61089074	1.33752346	4.07E-05	0.00045233
ENSMUSG00000032204	1.61035144	1.39364488	3.81E-05	0.00042575
ENSMUSG00000026778	1.60864686	2.6171149	3.60E-06	4.98E-05
ENSMUSG00000029101	1.60688683	2.10365035	7.77E-06	0.00010062
ENSMUSG00000018381	1.60356734	3.40510656	1.43E-06	2.16E-05

ENSMUSG00000079037	1.59880636	2.5083305	5.17E-06	6.91E-05
ENSMUSG00000024030	1.59811404	4.49846648	7.18E-07	1.17E-05
ENSMUSG00000044447	1.59729628	1.85340306	1.28E-05	0.00015916
ENSMUSG00000033147	1.59533381	1.73900782	2.01E-05	0.00023896
ENSMUSG00000020020	1.59431692	0.88705416	0.00021388	0.00193496
ENSMUSG00000030217	1.59365929	0.56964552	0.00022853	0.00205198
ENSMUSG00000029119	1.59348693	3.73883037	1.21E-06	1.86E-05
ENSMUSG00000095633	1.59034848	2.51497316	4.19E-06	5.72E-05
ENSMUSG00000049723	1.58975617	2.1276781	1.07E-05	0.00013521
ENSMUSG00000024087	1.58974711	1.24973857	5.83E-05	0.00061584
ENSMUSG00000033735	1.58572097	1.80664468	2.42E-05	0.00028248
ENSMUSG00000029561	1.58571618	6.61170824	4.64E-07	7.82E-06
ENSMUSG00000026715	1.58425728	1.05188424	0.00013364	0.00128332
ENSMUSG00000040093	1.58344345	3.91403952	1.26E-06	1.92E-05
ENSMUSG00000035004	1.58223375	1.84284952	8.20E-06	0.00010535
ENSMUSG00000032487	1.58190294	4.97513847	7.16E-07	1.17E-05
ENSMUSG00000016382	1.57980919	3.28416549	1.69E-06	2.50E-05
ENSMUSG00000026519	1.57961293	3.86386738	1.53E-06	2.29E-05
ENSMUSG00000031391	1.57793161	2.47366958	7.16E-06	9.36E-05
ENSMUSG00000051517	1.57786998	2.95727997	2.97E-06	4.21E-05
ENSMUSG00000076571	1.57529278	1.30418041	5.73E-05	0.00060567
ENSMUSG00000022257	1.57478863	2.5087041	6.37E-06	8.40E-05
ENSMUSG00000020432	1.57304524	2.8900261	3.67E-06	5.07E-05
ENSMUSG00000027200	1.57244938	5.87924058	6.47E-07	1.06E-05
ENSMUSG00000024672	1.57213257	3.12862579	3.46E-06	4.81E-05
ENSMUSG00000029713	1.57211559	4.88971211	9.04E-07	1.45E-05
ENSMUSG00000034855	1.57179127	3.17782499	2.66E-06	3.80E-05
ENSMUSG00000057897	1.57149022	0.87009963	0.00012729	0.00122998
ENSMUSG00000060591	1.57059808	2.98896653	4.06E-06	5.57E-05
ENSMUSG0000006378	1.56974053	3.08695072	3.31E-06	4.62E-05
ENSMUSG00000049804	1.56964807	4.54160919	1.02E-06	1.60E-05
ENSMUSG00000035513	1.56902572	0.97729191	9.70E-05	0.00096761
ENSMUSG00000020395	1.56867153	2.82394917	4.49E-06	6.11E-05
ENSMUSG00000022564	1.56657981	3.6638996	1.94E-06	2.84E-05
ENSMUSG00000020592	1.56493988	2.93079807	3.94E-06	5.42E-05
ENSMUSG00000033307	1.56386165	3.83512901	1.81E-06	2.67E-05
ENSMUSG00000094117	1.56383679	4.11715052	1.54E-06	2.31E-05
ENSMUSG00000060147	1.5636585	3.42520935	2.35E-06	3.39E-05
ENSMUSG00000001418	1.56062139	5.44233066	8.42E-07	1.36E-05
ENSMUSG00000024095	1.55893683	4.05271993	1.48E-06	2.22E-05
ENSMUSG00000026921	1.55882528	1.1576214	0.0001384	0.00132432
ENSMUSG00000027227	1.55834363	4.48049509	1.37E-06	2.07E-05
ENSMUSG00000034457	1.55801752	1.02048537	9.38E-05	0.00094019

ENSMUSG0000000386	1.55792966	5.91543958	7.83E-07	1.27E-05
ENSMUSG00000004110	1.55760493	5.58509813	8.05E-07	1.30E-05
ENSMUSG000000095682	1.55572944	2.56202621	6.84E-06	8.98E-05
ENSMUSG000000046410	1.5532102	4.19387431	1.61E-06	2.40E-05
ENSMUSG000000094006	1.55189605	4.54893787	1.30E-06	1.98E-05
ENSMUSG000000093896	1.55079098	3.70001006	2.17E-06	3.16E-05
ENSMUSG000000045136	1.54795271	2.72780947	7.56E-06	9.81E-05
ENSMUSG000000095130	1.54563242	5.21737167	1.13E-06	1.76E-05
ENSMUSG000000028434	1.54524479	0.49123984	0.00062712	0.0050356
ENSMUSG000000048521	1.54517157	1.05056514	0.00013926	0.00133022
ENSMUSG000000003541	1.54377925	1.10231664	0.00010806	0.00105846
ENSMUSG000000072244	1.54316032	2.62096705	5.92E-06	7.85E-05
ENSMUSG000000000791	1.54169327	3.67217736	2.81E-06	4.00E-05
ENSMUSG000000022018	1.54071815	1.17447386	8.15E-05	0.00082729
ENSMUSG000000024253	1.54001175	0.59608747	0.00079166	0.00615516
ENSMUSG000000068735	1.53769645	4.58971371	1.71E-06	2.53E-05
ENSMUSG000000013698	1.53677856	5.48040305	1.21E-06	1.86E-05
ENSMUSG000000053297	1.53579935	0.71389059	0.00027329	0.00241969
ENSMUSG000000028789	1.53501285	0.80682127	0.00030548	0.00268044
ENSMUSG000000002379	1.5335447	2.2229801	2.06E-05	0.00024398
ENSMUSG000000022747	1.5324564	6.32629469	1.11E-06	1.73E-05
ENSMUSG000000027298	1.53223034	1.67635798	4.18E-05	0.00046032
ENSMUSG000000094689	1.53131783	4.01238716	2.40E-06	3.45E-05
ENSMUSG000000044229	1.53108956	1.41440231	4.96E-05	0.00053378
ENSMUSG000000063568	1.53060621	1.42584406	7.44E-05	0.00076258
ENSMUSG000000034634	1.5278669	6.05665606	1.23E-06	1.89E-05
ENSMUSG000000025579	1.52759591	3.90214546	2.85E-06	4.06E-05
ENSMUSG000000020422	1.52707866	4.3066372	2.14E-06	3.12E-05
ENSMUSG000000042129	1.5264915	6.49366887	1.19E-06	1.84E-05
ENSMUSG000000032666	1.52571122	2.60836986	1.16E-05	0.00014497
ENSMUSG000000028565	1.52557181	0.6342716	0.00069127	0.00547333
ENSMUSG000000076549	1.52478952	4.16089819	2.39E-06	3.44E-05
ENSMUSG000000081534	1.52440166	5.94256399	1.33E-06	2.02E-05
ENSMUSG000000030844	1.52402513	4.62327758	1.97E-06	2.89E-05
ENSMUSG000000008855	1.52359052	3.15621166	6.04E-06	7.98E-05
ENSMUSG000000076547	1.52334443	2.80220245	6.91E-06	9.07E-05
ENSMUSG000000062593	1.5229003	5.44709908	1.48E-06	2.22E-05
ENSMUSG000000056476	1.52192731	2.41093016	1.42E-05	0.00017522
ENSMUSG000000032245	1.52093971	4.03238851	2.90E-06	4.11E-05
ENSMUSG000000027737	1.51790087	4.45201024	2.13E-06	3.12E-05
ENSMUSG000000041189	1.51662149	2.31915114	1.72E-05	0.00020688
ENSMUSG000000094134	1.51639001	1.20223472	0.0001005	0.00099797
ENSMUSG000000019872	1.5155935	2.74345866	9.85E-06	0.00012508

ENSMUSG00000060314	1.51304405	1.57051038	4.09E-05	0.00045323
ENSMUSG00000015568	1.51232359	2.11253626	1.77E-05	0.00021188
ENSMUSG00000005580	1.51225706	1.01370802	0.00018975	0.00175047
ENSMUSG00000073405	1.51032512	2.02111118	3.04E-05	0.00034782
ENSMUSG00000076939	1.50950571	4.76339518	2.46E-06	3.53E-05
ENSMUSG00000039747	1.50781	3.79304093	4.10E-06	5.61E-05
ENSMUSG00000041351	1.50732377	0.76151296	0.00033071	0.00287379
ENSMUSG00000035671	1.50398603	2.20982382	1.99E-05	0.0002362
ENSMUSG00000068335	1.50333975	3.12212266	7.12E-06	9.33E-05
ENSMUSG00000003546	1.50327859	0.64216094	0.00057752	0.00467568
ENSMUSG00000030530	1.50204278	3.03378176	8.34E-06	0.00010704
ENSMUSG00000030122	1.50191088	3.46798793	6.03E-06	7.97E-05
ENSMUSG00000015437	1.50184868	2.0875265	2.35E-05	0.0002747
ENSMUSG00000071713	1.4995963	6.61487203	1.75E-06	2.59E-05
ENSMUSG00000040594	1.49360507	1.36480411	9.46E-05	0.00094676
ENSMUSG00000037235	1.49355683	4.4454018	3.46E-06	4.81E-05
ENSMUSG00000033577	1.49352129	2.26875209	2.14E-05	0.00025249
ENSMUSG00000026944	1.49215882	3.78088993	4.90E-06	6.59E-05
ENSMUSG00000095761	1.49113991	2.14919149	2.52E-05	0.00029296
ENSMUSG00000069516	1.48944099	3.9060982	3.95E-06	5.43E-05
ENSMUSG00000033255	1.48936085	1.75489672	5.73E-05	0.00060567
ENSMUSG00000020099	1.48924066	0.88594213	0.00020554	0.00187012
ENSMUSG00000052151	1.48814319	2.09618756	4.12E-05	0.00045515
ENSMUSG00000030605	1.48522458	1.84198395	7.55E-05	0.00077137
ENSMUSG00000030824	1.48308802	6.2963222	2.36E-06	3.41E-05
ENSMUSG00000047409	1.48262843	2.18738571	2.60E-05	0.00030224
ENSMUSG00000032420	1.47885812	2.44803467	1.98E-05	0.00023541
ENSMUSG00000022995	1.47669933	0.96815265	0.00032073	0.00279611
ENSMUSG00000020027	1.47530479	5.60603343	2.99E-06	4.22E-05
ENSMUSG00000029009	1.47472709	4.10021475	5.09E-06	6.80E-05
ENSMUSG00000096715	1.47374685	4.42104341	4.73E-06	6.40E-05
ENSMUSG00000026360	1.47285496	3.18651319	1.13E-05	0.00014095
ENSMUSG00000036764	1.46923753	1.955886	6.26E-05	0.00065587
ENSMUSG00000032344	1.46883657	2.41255865	2.87E-05	0.00033032
ENSMUSG00000028042	1.46871095	2.93651644	1.34E-05	0.00016615
ENSMUSG00000029370	1.4673593	1.79040813	6.33E-05	0.00066186
ENSMUSG00000096833	1.46673938	4.58129096	4.83E-06	6.51E-05
ENSMUSG00000048911	1.4650829	5.80815746	3.26E-06	4.57E-05
ENSMUSG00000074604	1.46503914	3.38813501	8.89E-06	0.00011343
ENSMUSG00000032583	1.46432877	1.36600423	0.00011329	0.00110865
ENSMUSG00000055541	1.46382893	1.98919468	4.11E-05	0.00045428
ENSMUSG00000059708	1.46257604	4.75244956	4.60E-06	6.25E-05
ENSMUSG00000024177	1.46256709	1.38237566	0.0001912	0.00176079

ENSMUSG00000095127	1.46256546	5.81856628	3.40E-06	4.74E-05
ENSMUSG00000076534	1.46218665	4.52765905	5.33E-06	7.10E-05
ENSMUSG00000020282	1.46214355	0.96894198	0.00035606	0.0030596
ENSMUSG00000026536	1.46160715	2.90918411	1.52E-05	0.00018514
ENSMUSG00000044551	1.46073146	1.0167405	0.00038451	0.00327271
ENSMUSG00000026566	1.46070129	3.33631072	1.10E-05	0.00013839
ENSMUSG00000026853	1.45951536	3.86403467	7.90E-06	0.00010206
ENSMUSG00000021725	1.45926774	4.92055768	4.74E-06	6.41E-05
ENSMUSG00000024084	1.45858916	0.9192445	0.00070444	0.00555314
ENSMUSG00000020102	1.4569789	2.32748348	3.38E-05	0.00038191
ENSMUSG00000062753	1.45579106	1.8609513	7.77E-05	0.00079346
ENSMUSG00000002279	1.45534639	2.39284211	2.97E-05	0.00034075
ENSMUSG00000094940	1.455322	1.87256609	5.20E-05	0.00055569
ENSMUSG00000059714	1.45402411	2.3593006	3.36E-05	0.00038048
ENSMUSG00000043587	1.45232043	2.04114326	5.95E-05	0.00062595
ENSMUSG00000048232	1.45080826	1.34764709	0.00018068	0.00167393
ENSMUSG00000044703	1.45065653	3.48833926	1.09E-05	0.00013747
ENSMUSG00000045374	1.44904314	3.9175568	7.81E-06	0.000101
ENSMUSG00000038648	1.44902106	5.04496729	4.95E-06	6.64E-05
ENSMUSG00000096844	1.44467647	3.19863832	1.51E-05	0.00018464
ENSMUSG00000025227	1.44418263	0.87266761	0.00068243	0.00542322
ENSMUSG00000017314	1.44402303	1.15775945	0.00038125	0.0032501
ENSMUSG00000004113	1.44367273	1.70807017	0.00011446	0.00111807
ENSMUSG00000044468	1.44110399	7.74100873	3.94E-06	5.42E-05
ENSMUSG00000061086	1.44030186	2.15603989	4.76E-05	0.00051435
ENSMUSG00000034981	1.43951814	2.85330401	2.22E-05	0.00026096
ENSMUSG00000001281	1.43949095	3.33487564	1.48E-05	0.00018151
ENSMUSG00000020230	1.43932431	1.6340024	0.0001467	0.00139135
ENSMUSG00000019139	1.43564056	4.40018064	7.93E-06	0.00010223
ENSMUSG00000099398	1.43397289	1.42065397	0.00022885	0.00205319
ENSMUSG00000096498	1.43337947	3.16511799	1.79E-05	0.00021434
ENSMUSG00000026389	1.43308004	1.81665334	0.00010445	0.00103056
ENSMUSG00000020163	1.43077168	2.03789995	7.93E-05	0.00080794
ENSMUSG00000024665	1.42896968	4.41789127	8.78E-06	0.00011234
ENSMUSG00000085148	1.42887852	2.83769874	2.43E-05	0.00028309
ENSMUSG00000036620	1.42777528	2.46634834	4.19E-05	0.00046046
ENSMUSG00000057137	1.42622771	3.08523433	2.14E-05	0.00025249
ENSMUSG00000027669	1.42579922	4.95616652	7.40E-06	9.64E-05
ENSMUSG00000038058	1.42540544	1.35772074	0.00018595	0.00171976
ENSMUSG00000030681	1.42488552	3.60284551	1.37E-05	0.00016928
ENSMUSG00000026922	1.42464291	1.95673215	0.00010356	0.00102269
ENSMUSG00000021900	1.42175303	3.35679082	1.66E-05	0.00020021
ENSMUSG00000053580	1.42161971	4.48319705	8.65E-06	0.00011079

ENSMUSG00000071649	1.42005104	2.36754977	5.48E-05	0.00058321
ENSMUSG00000069763	1.41901757	0.81569837	0.00048551	0.0040275
ENSMUSG00000048852	1.41836153	2.29158227	5.84E-05	0.00061637
ENSMUSG00000023272	1.41658985	6.91167206	5.95E-06	7.88E-05
ENSMUSG00000034216	1.41550798	2.57908212	4.33E-05	0.00047285
ENSMUSG00000009563	1.41444496	3.52438589	1.66E-05	0.00020021
ENSMUSG00000054277	1.41376934	3.93419612	1.27E-05	0.00015845
ENSMUSG00000026490	1.41356361	3.32217396	1.94E-05	0.00023159
ENSMUSG00000024220	1.40935855	0.74856147	0.00084796	0.00650848
ENSMUSG00000067149	1.40884998	6.94948267	6.54E-06	8.61E-05
ENSMUSG00000037613	1.40818289	2.17358849	8.57E-05	0.00086682
ENSMUSG00000037049	1.40816879	3.84241149	1.47E-05	0.00018006
ENSMUSG00000032845	1.40785922	2.83073717	3.22E-05	0.00036602
ENSMUSG00000003355	1.40721856	1.92663445	0.00011482	0.00112055
ENSMUSG00000035637	1.4023331	2.73609811	4.15E-05	0.00045806
ENSMUSG00000095416	1.40130265	2.83157578	3.22E-05	0.00036602
ENSMUSG00000041355	1.40057471	7.01961206	7.48E-06	9.74E-05
ENSMUSG00000033594	1.39992844	0.57544377	0.00126942	0.0093189
ENSMUSG00000032109	1.39964868	1.55196359	0.00023765	0.00212503
ENSMUSG00000022108	1.39958014	8.01546816	7.22E-06	9.43E-05
ENSMUSG00000029166	1.39657637	0.82505166	0.00088387	0.00676006
ENSMUSG00000029864	1.39423219	2.12717252	8.95E-05	0.00090241
ENSMUSG00000002944	1.39371267	8.87334082	7.68E-06	9.95E-05
ENSMUSG00000031712	1.39332188	1.26300194	0.00033805	0.00292581
ENSMUSG00000023805	1.3932926	3.14002107	2.84E-05	0.0003275
ENSMUSG00000039450	1.38479435	1.69100927	0.00023349	0.00209129
ENSMUSG00000048330	1.38436608	1.18683544	0.00039739	0.00336642
ENSMUSG00000021696	1.38412616	0.5799591	0.00174276	0.01231577
ENSMUSG00000057863	1.38276455	1.46541731	0.00035544	0.00305667
ENSMUSG00000028527	1.38051715	1.41967699	0.00039222	0.00333307
ENSMUSG00000074570	1.38008886	0.97016266	0.00082292	0.00635247
ENSMUSG00000076665	1.38000672	3.22536484	3.10E-05	0.00035292
ENSMUSG00000026821	1.37945319	4.6675137	1.55E-05	0.00018821
ENSMUSG00000030720	1.37940759	3.34934535	3.01E-05	0.00034449
ENSMUSG00000094652	1.37898756	4.6242204	1.52E-05	0.00018514
ENSMUSG00000032373	1.37830123	3.38650864	3.26E-05	0.0003693
ENSMUSG00000036565	1.37818557	3.45350584	3.16E-05	0.00035982
ENSMUSG00000036863	1.37795803	2.17226369	9.75E-05	0.00097135
ENSMUSG00000060675	1.37775098	4.22598313	1.85E-05	0.00022122
ENSMUSG00000001665	1.37755209	3.06629189	3.67E-05	0.00041095
ENSMUSG00000030588	1.37661748	2.70642128	5.92E-05	0.00062299
ENSMUSG00000056629	1.37559883	3.44346856	3.17E-05	0.00036047
ENSMUSG00000032177	1.37536663	2.55407738	6.54E-05	0.00067788



ENSMUSG00000014778	1.37106476	2.54477709	6.76E-05	0.0006978
ENSMUSG00000030107	1.37003888	5.47120398	1.35E-05	0.00016729
ENSMUSG00000024190	1.3694186	2.46775841	6.09E-05	0.00063909
ENSMUSG00000023067	1.36931587	5.98376799	1.28E-05	0.00015916
ENSMUSG00000029338	1.3691134	2.98220989	4.23E-05	0.00046393
ENSMUSG00000034438	1.36636808	2.7775411	5.18E-05	0.00055412
ENSMUSG00000035778	1.36578724	7.30705707	1.21E-05	0.0001502
ENSMUSG00000049670	1.36511984	0.67255956	0.00202613	0.01389054
ENSMUSG00000020868	1.36316367	2.03878946	0.0002187	0.00197176
ENSMUSG00000051817	1.36218377	2.13550179	0.00016119	0.00151027
ENSMUSG00000039934	1.36131879	4.38334915	2.19E-05	0.00025728
ENSMUSG00000026126	1.35876482	2.86328933	6.21E-05	0.00065173
ENSMUSG00000043832	1.35852415	1.09382421	0.0003646	0.00312297
ENSMUSG00000027533	1.35787892	6.00094223	1.51E-05	0.00018514
ENSMUSG00000030826	1.35720411	4.58049092	2.16E-05	0.00025461
ENSMUSG00000061143	1.35627712	2.25913678	0.00012129	0.00117626
ENSMUSG00000076538	1.35613724	5.6752735	1.62E-05	0.00019579
ENSMUSG00000063450	1.35559512	3.24235906	4.20E-05	0.00046169
ENSMUSG00000028412	1.3542195	5.57017423	1.66E-05	0.00020021
ENSMUSG00000058135	1.3540345	4.68698548	2.14E-05	0.00025293
ENSMUSG00000089715	1.35354892	4.52805084	2.23E-05	0.00026107
ENSMUSG00000085396	1.35148444	0.72835291	0.00201948	0.01386255
ENSMUSG00000032182	1.3471351	2.67501003	8.46E-05	0.00085702
ENSMUSG00000076564	1.34548693	5.72635937	1.83E-05	0.00021913
ENSMUSG00000032549	1.34518821	0.94066118	0.00081315	0.00629502
ENSMUSG00000027171	1.34370254	4.15097805	2.97E-05	0.00034069
ENSMUSG00000094062	1.34309644	3.43151585	4.29E-05	0.00046962
ENSMUSG00000030284	1.34143629	2.47758181	0.00010095	0.0010001
ENSMUSG00000029545	1.34018732	2.32571046	0.00014247	0.00135848
ENSMUSG00000036533	1.33943715	2.9648307	6.86E-05	0.0007068
ENSMUSG00000039474	1.33682632	2.65899779	8.60E-05	0.00086907
ENSMUSG00000023036	1.33587182	3.69338604	4.32E-05	0.00047222
ENSMUSG00000094124	1.33506917	3.02947827	6.57E-05	0.00068095
ENSMUSG00000094546	1.33370109	7.07272146	1.90E-05	0.00022688
ENSMUSG00000041959	1.33004919	5.30841347	2.45E-05	0.00028519
ENSMUSG00000056091	1.32944012	3.99631745	3.87E-05	0.00043157
ENSMUSG00000024187	1.32925312	2.35319018	0.0001604	0.0015041
ENSMUSG00000039953	1.32900319	3.13653659	6.52E-05	0.00067721
ENSMUSG00000057948	1.3281541	3.93277802	4.10E-05	0.00045367
ENSMUSG00000075122	1.32769595	4.78405586	2.93E-05	0.00033697
ENSMUSG00000036599	1.32752034	2.44254061	0.00011921	0.00115813
ENSMUSG00000034854	1.32598694	2.85444106	9.32E-05	0.00093517
ENSMUSG00000029616	1.32518878	6.92866606	2.18E-05	0.00025673

ENSMUSG00000060216	1.32435747	3.93004853	4.49E-05	0.00048749
ENSMUSG00000018648	1.3240028	1.59385983	0.00033713	0.00292017
ENSMUSG00000060376	1.32231267	1.11496129	0.00123574	0.00908398
ENSMUSG00000013089	1.32160019	4.32752727	3.76E-05	0.00042058
ENSMUSG00000039286	1.32060856	3.90800296	4.05E-05	0.00045059
ENSMUSG00000028076	1.32010352	3.08566915	7.49E-05	0.00076636
ENSMUSG00000048376	1.31992046	1.3874863	0.00052016	0.00426571
ENSMUSG00000041025	1.31935499	0.87088549	0.00118096	0.00873491
ENSMUSG00000003873	1.31909272	4.75074723	3.43E-05	0.00038642
ENSMUSG00000030083	1.31878459	0.76615168	0.00231091	0.01552703
ENSMUSG00000062661	1.31803414	2.85164323	9.32E-05	0.00093517
ENSMUSG00000057058	1.3166002	1.20482026	0.00057588	0.00466589
ENSMUSG00000019088	1.31574652	2.57300217	0.00011398	0.00111437
ENSMUSG00000041857	1.31526356	1.73223184	0.00038409	0.00327174
ENSMUSG00000059070	1.31523168	6.4951065	2.61E-05	0.00030244
ENSMUSG00000096020	1.3136904	3.72595835	5.54E-05	0.00058795
ENSMUSG00000093838	1.31257833	3.9005948	4.94E-05	0.00053237
ENSMUSG00000030257	1.31221071	1.27937437	0.00053879	0.00439511
ENSMUSG00000026153	1.31133424	2.12058766	0.00021256	0.00192467
ENSMUSG00000033955	1.31118024	3.42913531	7.20E-05	0.00073949
ENSMUSG00000024737	1.3110357	6.71191788	2.69E-05	0.0003117
ENSMUSG00000000631	1.31027872	4.29238459	4.40E-05	0.00047903
ENSMUSG00000043017	1.30987327	4.47380233	4.13E-05	0.00045547
ENSMUSG00000015363	1.30897064	4.10442102	4.95E-05	0.00053237
ENSMUSG00000026712	1.30884134	1.32734957	0.00093948	0.0071448
ENSMUSG00000058756	1.30761292	0.96888989	0.00175284	0.0123789
ENSMUSG00000033488	1.30646028	2.44006034	0.00017202	0.00160333
ENSMUSG00000055994	1.30640203	3.62203859	5.86E-05	0.00061814
ENSMUSG00000020689	1.30627145	5.08095227	3.64E-05	0.00040828
ENSMUSG00000054364	1.30587704	3.55770218	6.60E-05	0.00068341
ENSMUSG00000029185	1.30535278	2.16273782	0.00023957	0.0021387
ENSMUSG00000051998	1.30366071	6.09944844	3.09E-05	0.00035225
ENSMUSG00000024353	1.30341808	7.84265919	2.82E-05	0.00032516
ENSMUSG00000044734	1.30293561	4.8291269	4.10E-05	0.00045367
ENSMUSG00000063268	1.3020551	4.39938403	4.74E-05	0.00051205
ENSMUSG00000076587	1.30124906	3.54620963	7.27E-05	0.00074592
ENSMUSG00000022817	1.30068884	3.13486727	9.24E-05	0.00092988
ENSMUSG00000068264	1.30068567	1.35204958	0.00094485	0.00717195
ENSMUSG00000035478	1.30040045	3.76433749	6.78E-05	0.00069952
ENSMUSG00000024958	1.2999534	0.83558961	0.00200653	0.0137912
ENSMUSG00000001666	1.29952475	3.43364722	8.00E-05	0.00081377
ENSMUSG00000085415	1.29950062	2.23100662	0.00017222	0.00160381
ENSMUSG00000023277	1.29873556	3.68064546	6.66E-05	0.00068822

ENSMUSG0000008540	1.29766089	1.37168808	0.00070121	0.00553883
ENSMUSG00000027947	1.29738723	3.78134579	6.45E-05	0.00067291
ENSMUSG00000029001	1.29691968	1.40069603	0.00064145	0.00513924
ENSMUSG00000031532	1.29629229	4.33428283	5.10E-05	0.00054622
ENSMUSG00000027447	1.29622757	4.4883067	4.87E-05	0.00052525
ENSMUSG00000068115	1.29543271	0.77977039	0.00230044	0.0154663
ENSMUSG00000052160	1.29482697	6.01215985	3.59E-05	0.00040345
ENSMUSG00000038895	1.29429188	0.97790563	0.00120906	0.00893049
ENSMUSG00000096515	1.29417135	5.13448173	4.25E-05	0.00046525
ENSMUSG00000032012	1.2928757	2.66770677	0.00015442	0.00145307
ENSMUSG00000025815	1.29214585	2.10512644	0.00025489	0.00226609
ENSMUSG00000035246	1.28977018	2.00808748	0.00030854	0.00270508
ENSMUSG00000028671	1.28916703	2.35225485	0.00020123	0.00184057
ENSMUSG0000002227	1.28909989	4.57106467	5.17E-05	0.00055332
ENSMUSG00000095677	1.28857982	1.4432797	0.00087764	0.00671712
ENSMUSG0000003644	1.28838825	5.91759626	3.93E-05	0.00043848
ENSMUSG00000076633	1.28811136	2.19670895	0.00024902	0.00221572
ENSMUSG0000001249	1.28588307	0.87826289	0.00199648	0.01373086
ENSMUSG00000026223	1.28525076	4.13462145	6.52E-05	0.00067721
ENSMUSG00000027712	1.28509018	5.30249275	4.50E-05	0.00048828
ENSMUSG00000042106	1.28446406	2.54798012	0.00019689	0.00181015
ENSMUSG00000019461	1.28372496	2.58022883	0.00015754	0.00147993
ENSMUSG00000076617	1.2814629	13.22186	3.63E-05	0.00040747
ENSMUSG00000095571	1.28087052	5.6561642	4.45E-05	0.00048333
ENSMUSG00000024661	1.28075316	10.1786483	3.69E-05	0.00041364
ENSMUSG00000000958	1.27987316	3.08293641	0.00012886	0.00124296
ENSMUSG00000054452	1.27900834	5.08470352	5.27E-05	0.00056242
ENSMUSG00000078853	1.27567261	6.57795464	4.38E-05	0.00047718
ENSMUSG00000019832	1.27538809	2.80021344	0.00017254	0.00160439
ENSMUSG00000026956	1.27536727	3.67011536	9.27E-05	0.00093133
ENSMUSG00000033065	1.27444735	2.78056273	0.00019006	0.00175176
ENSMUSG00000034765	1.27316397	3.46656805	9.71E-05	0.00096761
ENSMUSG00000032741	1.27300934	2.80211272	0.00017077	0.00159448
ENSMUSG00000074219	1.27266379	0.6382983	0.00410064	0.02524045
ENSMUSG00000020638	1.2701148	5.33718439	5.39E-05	0.00057458
ENSMUSG00000051000	1.26881441	3.54303827	0.00011528	0.00112403
ENSMUSG00000028807	1.26879298	1.65408687	0.00061021	0.00491449
ENSMUSG00000001995	1.26870563	2.49265001	0.00020567	0.00187012
ENSMUSG00000024769	1.26816545	1.51634843	0.00089744	0.00685412
ENSMUSG00000005823	1.2679204	4.54088997	6.83E-05	0.00070395
ENSMUSG00000037295	1.26780936	2.87703392	0.00017387	0.00161358
ENSMUSG00000076609	1.26752439	11.2072169	4.39E-05	0.00047871
ENSMUSG00000071648	1.26650879	0.89088493	0.00255944	0.01697477

ENSMUSG00000044350	1.26617831	4.75878098	6.51E-05	0.00067689
ENSMUSG00000067370	1.26523787	1.26393752	0.00113669	0.0084364
ENSMUSG00000051435	1.2650212	1.99966669	0.00043932	0.00366974
ENSMUSG00000052062	1.26471078	3.00628173	0.00018433	0.00170625
ENSMUSG00000036181	1.26423324	1.7776579	0.00036377	0.00311836
ENSMUSG00000018585	1.26367105	3.03348979	0.00014937	0.00141055
ENSMUSG00000009035	1.26245803	5.00775209	6.50E-05	0.00067689
ENSMUSG00000039899	1.26146218	6.69301278	5.21E-05	0.00055657
ENSMUSG00000035441	1.25743165	1.82516091	0.00052468	0.00429622
ENSMUSG00000047721	1.25688104	1.65683236	0.00078452	0.00610847
ENSMUSG00000040276	1.25661981	2.23626493	0.00040033	0.00338813
ENSMUSG00000038618	1.25625011	1.06552001	0.00195646	0.01351596
ENSMUSG00000019564	1.2559692	6.60854046	5.63E-05	0.00059691
ENSMUSG00000015944	1.25562916	3.00440203	0.00014371	0.00136702
ENSMUSG00000045382	1.25400972	5.8281629	6.31E-05	0.00066036
ENSMUSG00000027422	1.25291921	8.05304949	5.53E-05	0.00058716
ENSMUSG00000022656	1.25152505	0.91325924	0.00252514	0.01678858
ENSMUSG00000095630	1.25130725	5.14779984	7.49E-05	0.00076636
ENSMUSG00000034853	1.25081187	3.00559169	0.00017614	0.00163329
ENSMUSG00000047146	1.25060592	2.56015008	0.00023573	0.00210967
ENSMUSG00000096461	1.24889945	2.21284327	0.00039689	0.0033648
ENSMUSG00000009739	1.24807624	3.23734062	0.00014273	0.00135971
ENSMUSG00000029311	1.24802537	4.31756419	9.87E-05	0.00098217
ENSMUSG00000029470	1.24580851	4.1579845	0.00010759	0.0010557
ENSMUSG00000004709	1.24507895	0.86772492	0.00226844	0.01527021
ENSMUSG00000038828	1.24366322	5.24881688	7.89E-05	0.00080521
ENSMUSG00000021242	1.24316529	7.23495182	6.49E-05	0.00067618
ENSMUSG00000053898	1.24256977	4.35639125	0.00010223	0.00101046
ENSMUSG00000042726	1.24185716	6.37144732	6.95E-05	0.00071563
ENSMUSG00000034974	1.24154933	1.86383934	0.00067186	0.00534316
ENSMUSG00000064105	1.24133732	1.74566271	0.00069277	0.0054812
ENSMUSG00000034265	1.24064976	2.1061566	0.0004709	0.0039153
ENSMUSG00000038208	1.23992647	1.10450531	0.00217318	0.01472556
ENSMUSG00000035561	1.23964995	2.58874994	0.00026974	0.00239018
ENSMUSG00000096670	1.23880635	2.35791726	0.00032902	0.00286376
ENSMUSG00000019975	1.23822922	2.68500531	0.00028548	0.00251727
ENSMUSG00000001025	1.23633916	4.01030895	0.00012812	0.00123689
ENSMUSG00000020238	1.23576073	3.78985394	0.00013901	0.00132894
ENSMUSG00000070283	1.23370134	1.5499557	0.00099021	0.00748067
ENSMUSG00000002007	1.23368556	4.14170735	0.00011902	0.00115731
ENSMUSG00000040767	1.23090354	3.95039633	0.00014375	0.00136702
ENSMUSG00000078771	1.22767815	5.33641244	9.48E-05	0.0009477
ENSMUSG00000021928	1.22748643	3.01804585	0.00024526	0.00218401

ENSMUSG00000055401	1.22724207	2.65782076	0.00031899	0.00278544
ENSMUSG00000037649	1.22652699	6.57325355	8.39E-05	0.00085047
ENSMUSG00000029802	1.22464199	4.17129784	0.00013494	0.00129468
ENSMUSG00000074227	1.22442419	2.19135628	0.00056394	0.00458292
ENSMUSG00000006362	1.22204067	3.17013381	0.00022649	0.00203542
ENSMUSG00000004267	1.22183679	2.45000883	0.00042164	0.00353576
ENSMUSG00000001156	1.22032605	3.88767256	0.00015225	0.0014352
ENSMUSG00000011008	1.2196013	4.38555153	0.00013334	0.00128162
ENSMUSG00000034795	1.21891939	1.52673964	0.00129109	0.00944577
ENSMUSG00000022436	1.21800692	4.11903688	0.00015241	0.00143542
ENSMUSG00000076570	1.217518	1.80729118	0.00112283	0.00835074
ENSMUSG00000039246	1.21543294	0.73516338	0.00303587	0.01959614
ENSMUSG00000096638	1.21510145	2.58842214	0.00034491	0.00297319
ENSMUSG00000017830	1.215007	6.20544324	9.96E-05	0.00098962
ENSMUSG00000028573	1.21424308	2.22663887	0.00051062	0.00420021
ENSMUSG00000024327	1.2140019	0.98929325	0.00315229	0.0202181
ENSMUSG00000021939	1.21326307	7.07932479	9.63E-05	0.00096204
ENSMUSG00000034101	1.2127147	2.51588233	0.00042057	0.00352948
ENSMUSG00000029674	1.21207942	3.47760738	0.00021823	0.001971
ENSMUSG00000063445	1.21196569	4.3304952	0.00014796	0.00140087
ENSMUSG00000031897	1.21185013	3.52860968	0.00021886	0.00197176
ENSMUSG00000045679	1.21103392	6.06379202	0.00010627	0.00104372
ENSMUSG00000040813	1.2106026	2.57759249	0.00041682	0.00350348
ENSMUSG00000076596	1.21050779	3.81671824	0.00019307	0.00177646
ENSMUSG00000024807	1.20933972	7.1454154	0.00010099	0.0010001
ENSMUSG00000055681	1.2081386	4.60962189	0.00014768	0.00139947
ENSMUSG00000030432	1.20776053	6.58110863	0.00010769	0.0010557
ENSMUSG00000054932	1.20732002	1.59833786	0.00152844	0.01095925
ENSMUSG00000032754	1.2069983	1.42284021	0.00128072	0.00939542
ENSMUSG00000026193	1.20655228	2.40123313	0.00042884	0.00358776
ENSMUSG00000025912	1.205914	5.63350689	0.00011849	0.00115324
ENSMUSG00000022885	1.20498059	8.90148491	0.00010203	0.00100941
ENSMUSG00000021190	1.20497142	7.69877322	0.00010496	0.00103464
ENSMUSG00000037938	1.2041237	1.19736673	0.00155536	0.01111531
ENSMUSG00000002332	1.20410853	3.7649151	0.00020205	0.00184493
ENSMUSG00000047878	1.20386057	1.85742944	0.0008416	0.00647345
ENSMUSG00000100287	1.20180151	0.95825003	0.00197999	0.01362617
ENSMUSG00000037366	1.20065834	2.79956457	0.00037861	0.00323416
ENSMUSG00000024910	1.20062114	0.77081119	0.00339871	0.02149659
ENSMUSG00000040997	1.19976345	3.7522929	0.00020357	0.00185574
ENSMUSG00000019188	1.19920337	7.00036037	0.00011613	0.00113125
ENSMUSG00000037731	1.19839636	5.98851456	0.00012562	0.00121495
ENSMUSG00000032010	1.19705115	1.86678586	0.0010518	0.00787681

ENSMUSG00000039031	1.19598369	4.0254705	0.00020141	0.00184067
ENSMUSG00000078429	1.19581658	5.52777043	0.00013744	0.00131748
ENSMUSG00000026880	1.19521672	3.20745548	0.00032062	0.00279611
ENSMUSG00000041827	1.19510062	6.67332153	0.00012411	0.00120252
ENSMUSG00000034708	1.19484883	7.53496969	0.00012007	0.00116542
ENSMUSG00000074916	1.19297692	1.94361678	0.00080411	0.00623404
ENSMUSG00000007379	1.19252746	1.93170809	0.00074667	0.00585181
ENSMUSG00000032374	1.19227665	3.10220793	0.00033378	0.00289578
ENSMUSG00000040466	1.19101544	1.35011807	0.00248959	0.01656243
ENSMUSG00000039652	1.19042103	2.27413382	0.00062495	0.00502197
ENSMUSG00000028757	1.18760195	7.58852141	0.00013121	0.00126339
ENSMUSG00000094088	1.18758002	4.78319573	0.00017273	0.00160439
ENSMUSG00000038604	1.18656729	3.0777785	0.00038921	0.00331015
ENSMUSG00000029455	1.18525738	4.26866264	0.00020899	0.0018971
ENSMUSG00000033436	1.18428178	5.47151392	0.00015855	0.00148807
ENSMUSG00000030086	1.18412161	1.36692297	0.00205915	0.01404545
ENSMUSG00000032198	1.18404843	2.08498616	0.00069043	0.00547071
ENSMUSG00000036073	1.18370025	1.6529578	0.00129686	0.00948155
ENSMUSG00000019433	1.18221514	2.39769579	0.00059196	0.0047782
ENSMUSG00000059013	1.18067742	2.88508963	0.00043746	0.00365704
ENSMUSG00000032724	1.1804261	2.61284412	0.00051942	0.00426288
ENSMUSG00000022594	1.17932805	5.00180966	0.00018823	0.00173943
ENSMUSG00000025408	1.17852093	3.00679661	0.00042662	0.00357195
ENSMUSG00000051483	1.17806388	2.67112637	0.00058866	0.00475873
ENSMUSG00000027514	1.17753761	7.16824729	0.00015106	0.0014252
ENSMUSG00000031227	1.17700292	2.38149065	0.00073284	0.00575596
ENSMUSG00000044952	1.17654345	1.2401607	0.00312038	0.02005375
ENSMUSG00000024044	1.17548538	2.40605887	0.00066575	0.00530243
ENSMUSG00000031556	1.17449847	4.54480293	0.00021846	0.00197147
ENSMUSG00000022475	1.17341195	4.04618737	0.00026957	0.00239018
ENSMUSG00000097993	1.17104356	1.60482863	0.00166287	0.01179765
ENSMUSG00000040327	1.17069671	1.83275275	0.00140101	0.0101467
ENSMUSG00000031129	1.17044796	1.63184962	0.00152679	0.0109547
ENSMUSG00000025702	1.17036922	3.39807979	0.00037878	0.00323416
ENSMUSG00000095753	1.17017452	4.70122094	0.00021812	0.001971
ENSMUSG00000047123	1.16992847	5.23443754	0.00019852	0.00182352
ENSMUSG00000021796	1.16884267	1.38895427	0.00224038	0.01510016
ENSMUSG00000068417	1.16844822	2.01663373	0.00094197	0.00715868
ENSMUSG00000026860	1.16823747	2.71036505	0.00065358	0.00521704
ENSMUSG00000094787	1.16793615	3.32834087	0.00036794	0.00314912
ENSMUSG00000096336	1.16782609	7.64920582	0.00016766	0.00156675
ENSMUSG00000040811	1.16708348	2.64648533	0.00050389	0.00416078
ENSMUSG00000095794	1.16645574	5.52629889	0.00020089	0.00183903

ENSMUSG00000072825	1.16366083	2.43954682	0.00082667	0.0063768
ENSMUSG00000020219	1.16354358	1.91214345	0.00160308	0.01141852
ENSMUSG00000020668	1.16341768	2.47973351	0.00075722	0.00591731
ENSMUSG00000054708	1.16147166	0.72595839	0.00398405	0.02464948
ENSMUSG00000000782	1.16114585	2.04393397	0.00101154	0.00761759
ENSMUSG00000031880	1.16102383	2.79679212	0.00055129	0.00448689
ENSMUSG00000036661	1.16007572	4.92846608	0.00023875	0.00213316
ENSMUSG00000024339	1.15993376	5.66228702	0.00021042	0.00190685
ENSMUSG00000040462	1.15938025	6.16547392	0.00020242	0.0018468
ENSMUSG00000094198	1.15910937	2.99947479	0.00047255	0.00392296
ENSMUSG00000004263	1.15876342	3.16843667	0.00046011	0.00383449
ENSMUSG00000048897	1.15871828	3.63965492	0.00037256	0.0031861
ENSMUSG00000022265	1.15861063	3.40876983	0.0004046	0.00341183
ENSMUSG00000074064	1.15814279	1.74677463	0.00151501	0.01087743
ENSMUSG00000024781	1.15775029	6.17575788	0.00020558	0.00187012
ENSMUSG00000003072	1.15581868	4.20849398	0.00031199	0.00273088
ENSMUSG00000023809	1.15355941	2.81774232	0.00060622	0.00488963
ENSMUSG00000067878	1.15256273	3.11127832	0.00051023	0.00420021
ENSMUSG00000019487	1.15229761	2.77020136	0.00059114	0.00477517
ENSMUSG00000041361	1.15076679	2.14614326	0.00115654	0.008566
ENSMUSG00000030207	1.15018922	4.17034503	0.00031721	0.00277208
ENSMUSG00000031662	1.14922756	5.03629818	0.00026959	0.00239018
ENSMUSG00000030035	1.14919334	2.11980418	0.00108538	0.00809457
ENSMUSG00000047810	1.14918365	4.30486615	0.00031575	0.00276158
ENSMUSG00000004552	1.14911016	2.59582382	0.00065265	0.00521704
ENSMUSG00000034041	1.14792376	2.92470727	0.00068487	0.00543462
ENSMUSG00000028843	1.14745364	6.99264118	0.00022179	0.00199645
ENSMUSG00000031842	1.1471406	1.08000199	0.00416308	0.02556755
ENSMUSG00000038349	1.14662593	1.03408165	0.00342373	0.0216168
ENSMUSG00000021759	1.14654025	4.89349468	0.00028444	0.00251018
ENSMUSG00000021701	1.14625779	4.10939624	0.00033988	0.0029393
ENSMUSG00000039168	1.14573989	4.54702478	0.0003036	0.00266618
ENSMUSG00000031770	1.14424478	7.09910264	0.00023046	0.00206591
ENSMUSG00000076555	1.14340751	3.7887783	0.0004107	0.00345743
ENSMUSG00000056204	1.14277119	4.34613468	0.00034424	0.0029722
ENSMUSG00000046731	1.14245041	1.23846206	0.00457035	0.02747307
ENSMUSG00000047264	1.14187243	1.42216289	0.00315345	0.0202181
ENSMUSG00000048832	1.14154382	3.14303125	0.00055347	0.00450123
ENSMUSG00000040328	1.13999342	2.31993815	0.00099546	0.00751097
ENSMUSG00000039621	1.13913359	5.68352142	0.00026942	0.00239018
ENSMUSG00000034487	1.13893025	2.685173	0.00077275	0.00602991
ENSMUSG00000076501	1.13852016	5.2962292	0.00028069	0.00247908
ENSMUSG00000040618	1.13796677	4.75345723	0.00032628	0.00284217

ENSMUSG00000027459	1.13788053	1.02404562	0.00478762	0.02856084
ENSMUSG00000087305	1.13728644	1.84417512	0.00172924	0.01225037
ENSMUSG00000032375	1.13715886	1.85281458	0.00185009	0.01294541
ENSMUSG00000023951	1.13625756	3.11570159	0.0006448	0.00516219
ENSMUSG00000033107	1.13478954	1.52076941	0.00299497	0.01939808
ENSMUSG00000024970	1.13359874	1.67325365	0.00224693	0.01513483
ENSMUSG00000076523	1.13322182	5.34206846	0.00029537	0.00259807
ENSMUSG00000091649	1.13298116	5.39331982	0.00030134	0.00264841
ENSMUSG00000039911	1.13281374	2.9664788	0.00075048	0.00586889
ENSMUSG00000027330	1.1321573	6.34677133	0.00027965	0.00247189
ENSMUSG00000030084	1.12988188	4.86513616	0.00034189	0.00295425
ENSMUSG00000029919	1.12901251	6.3228273	0.0002907	0.00256122
ENSMUSG00000078922	1.12820376	2.16865791	0.0012288	0.00906384
ENSMUSG00000055652	1.12711612	3.51855781	0.00056809	0.00461312
ENSMUSG00000001751	1.12532953	2.35738949	0.00123298	0.00908225
ENSMUSG00000048612	1.12470879	5.91678045	0.0003109	0.00272359
ENSMUSG00000028048	1.1237179	5.66490257	0.00033066	0.00287379
ENSMUSG00000097657	1.12283117	1.00520576	0.00597985	0.03431108
ENSMUSG00000045752	1.12185851	3.16873008	0.00074842	0.00586125
ENSMUSG00000076526	1.12164434	3.92461823	0.00046189	0.00384633
ENSMUSG00000028581	1.12101882	8.91666877	0.00029271	0.00257676
ENSMUSG00000022428	1.12081394	2.37964876	0.00136561	0.00992367
ENSMUSG00000022419	1.12048045	0.85723119	0.00469716	0.02810999
ENSMUSG00000036120	1.12015456	3.72146687	0.00053516	0.00437537
ENSMUSG00000031530	1.11966016	5.53019915	0.00034462	0.00297314
ENSMUSG00000038312	1.11924493	5.38470337	0.00035751	0.00306957
ENSMUSG00000029723	1.11807095	3.82622378	0.00054272	0.00442377
ENSMUSG00000038181	1.11667453	4.06177966	0.00049454	0.00409609
ENSMUSG00000016344	1.11636983	3.02251209	0.00081855	0.00633141
ENSMUSG00000025218	1.11619745	2.48425158	0.00123444	0.00908398
ENSMUSG00000096422	1.11563485	5.86028357	0.00035069	0.00301827
ENSMUSG00000001942	1.11505667	3.97140953	0.00052414	0.00429511
ENSMUSG00000047342	1.11437877	1.65137098	0.00262571	0.01731847
ENSMUSG00000066800	1.11262438	5.07760968	0.00040068	0.00338813
ENSMUSG00000030465	1.1124792	4.43446936	0.00046593	0.003877
ENSMUSG00000055200	1.11125803	1.63151528	0.00266057	0.01748419
ENSMUSG00000034792	1.11015412	4.29630073	0.00051636	0.00424103
ENSMUSG00000031355	1.1088523	2.83813932	0.00094504	0.00717195
ENSMUSG00000037204	1.1085917	1.9701738	0.00219037	0.01481867
ENSMUSG00000076733	1.10848309	0.71651726	0.00934479	0.0489433
ENSMUSG00000084796	1.10752536	0.66447164	0.01461694	0.06862389
ENSMUSG00000094075	1.10673647	5.2001319	0.00042465	0.00355823
ENSMUSG00000020178	1.10631914	2.07968838	0.00166665	0.01181669



ENSMUSG00000038387	1.10553839	1.77695302	0.00268767	0.01760866
ENSMUSG00000028347	1.10345102	1.62854916	0.0019424	0.01343607
ENSMUSG00000042622	1.10249341	1.10123475	0.0061722	0.03522855
ENSMUSG00000028062	1.10159954	2.79564562	0.00114178	0.00846832
ENSMUSG00000015837	1.10048379	6.84866455	0.00039588	0.00335887
ENSMUSG00000045639	1.10035395	2.55186669	0.00141406	0.01022064
ENSMUSG00000024399	1.09993993	2.59073052	0.00134969	0.00984463
ENSMUSG00000004846	1.09928216	3.51600686	0.00076851	0.00600118
ENSMUSG00000053977	1.09824365	2.57504477	0.00103166	0.0077583
ENSMUSG00000005881	1.09721376	4.88664771	0.00051165	0.00420552
ENSMUSG00000003970	1.09639332	7.61507857	0.0004048	0.00341183
ENSMUSG00000013707	1.09626073	2.78708425	0.00128362	0.00941028
ENSMUSG00000092274	1.09491421	7.0753152	0.00041948	0.00352308
ENSMUSG00000035697	1.09462634	5.92210934	0.00045124	0.00376349
ENSMUSG00000022558	1.09254195	3.5408445	0.00081302	0.00629502
ENSMUSG00000021665	1.09215901	6.69472294	0.00044089	0.00367997
ENSMUSG00000006301	1.09116386	3.9826549	0.00068465	0.00543462
ENSMUSG00000039782	1.09100728	4.05934946	0.00064569	0.00516549
ENSMUSG00000025169	1.09086366	2.26393501	0.00189611	0.01319202
ENSMUSG00000028362	1.09013965	4.92061573	0.00053833	0.00439465
ENSMUSG00000037966	1.09012394	2.01053652	0.00259897	0.0171732
ENSMUSG00000024334	1.08924026	3.72515399	0.00079784	0.00618989
ENSMUSG00000096490	1.08613241	5.31000855	0.00052688	0.00431099
ENSMUSG00000034902	1.08608976	5.80007222	0.00050468	0.00416409
ENSMUSG00000020346	1.08594331	6.08428882	0.00049316	0.00408782
ENSMUSG00000032737	1.08591395	3.21822376	0.00102984	0.00775004
ENSMUSG00000018909	1.08459977	3.74325986	0.00081995	0.00633405
ENSMUSG00000038486	1.08389683	2.35480849	0.00185226	0.01294541
ENSMUSG00000033124	1.08379363	3.01545738	0.00107667	0.00805185
ENSMUSG00000003299	1.08198524	3.62752347	0.00089057	0.00680643
ENSMUSG00000024818	1.08181665	4.1935396	0.00070352	0.00554992
ENSMUSG00000013858	1.08163297	4.03610766	0.00073603	0.00577265
ENSMUSG00000076937	1.08127646	8.93423822	0.00047198	0.00392128
ENSMUSG00000055053	1.08042348	2.13849835	0.00207495	0.01412642
ENSMUSG00000030427	1.08005243	0.98805472	0.00668045	0.03748282
ENSMUSG00000030852	1.07929289	1.35221117	0.00505724	0.02985072
ENSMUSG00000026728	1.07836947	8.03734943	0.00049548	0.00410069
ENSMUSG00000020808	1.07749236	3.31825384	0.00104052	0.00780863
ENSMUSG00000019823	1.07667063	4.67357929	0.00066452	0.00529652
ENSMUSG00000056938	1.0754669	2.26338593	0.00221932	0.01496755
ENSMUSG00000031342	1.07534746	0.93041175	0.00780971	0.04251381
ENSMUSG00000031563	1.07482363	1.92077865	0.00287168	0.0186668
ENSMUSG00000041912	1.07410363	3.46056937	0.00100255	0.00755524

ENSMUSG00000066363	1.0739575	4.59859583	0.00071021	0.0055864
ENSMUSG00000031378	1.07393836	4.67683308	0.00068896	0.00546307
ENSMUSG00000020260	1.07360662	2.79169315	0.00144175	0.01039293
ENSMUSG00000037499	1.07272249	1.28054906	0.00537452	0.03146514
ENSMUSG00000042613	1.07229104	5.12726119	0.00063713	0.00511219
ENSMUSG00000089832	1.07125579	2.45893683	0.00180934	0.01270304
ENSMUSG00000018427	1.07090072	2.57961187	0.0017542	0.01238044
ENSMUSG00000041598	1.06975767	0.63366152	0.01164936	0.05783917
ENSMUSG00000032641	1.06872795	1.71576251	0.00342196	0.0216168
ENSMUSG00000033684	1.06671721	3.40856446	0.00113484	0.00843428
ENSMUSG00000037221	1.06600175	1.84136382	0.00367606	0.02300788
ENSMUSG00000095589	1.06542354	4.27157802	0.00082801	0.00638225
ENSMUSG00000069792	1.06516579	1.85610599	0.00334974	0.02122417
ENSMUSG00000033021	1.06447095	4.21504336	0.00085494	0.0065574
ENSMUSG00000086316	1.06411353	1.69102811	0.00371927	0.02323792
ENSMUSG00000056501	1.06384229	0.68535308	0.01093013	0.05501577
ENSMUSG00000029598	1.06383874	4.14984468	0.00086943	0.00665906
ENSMUSG00000028028	1.05963815	1.93474291	0.00267381	0.01753915
ENSMUSG00000053334	1.05887081	1.93867117	0.00304443	0.01962413
ENSMUSG00000043740	1.05875221	1.54047387	0.00513787	0.03021087
ENSMUSG00000005125	1.05850783	1.73935897	0.00413597	0.02544341
ENSMUSG00000049047	1.05846398	5.0773724	0.00074971	0.0058671
ENSMUSG00000032285	1.05785073	1.9718521	0.0023255	0.01561533
ENSMUSG00000094420	1.05782254	7.33898658	0.00064063	0.00513644
ENSMUSG00000040483	1.05775033	5.76094384	0.0006962	0.00550426
ENSMUSG00000059810	1.05769496	1.80530694	0.00349058	0.02197458
ENSMUSG00000034731	1.05745287	2.71425116	0.00151247	0.0108664
ENSMUSG00000018509	1.05735044	1.00586238	0.0081366	0.04382277
ENSMUSG00000036199	1.05573124	3.62730496	0.00116938	0.00865518
ENSMUSG00000034748	1.05413723	1.11802324	0.00744598	0.04096806
ENSMUSG00000032180	1.05391577	2.66245711	0.00187152	0.01305467
ENSMUSG00000026797	1.05122619	2.48094987	0.00236209	0.0158118
ENSMUSG00000038967	1.05057423	1.07244452	0.01012621	0.05207238
ENSMUSG00000079419	1.04909621	7.56187216	0.00070514	0.00555457
ENSMUSG00000039137	1.04850924	1.48292269	0.00543304	0.0317045
ENSMUSG00000037849	1.04849471	6.51777578	0.00073563	0.00577265
ENSMUSG00000071042	1.04747999	8.72744296	0.0007016	0.00553883
ENSMUSG00000076563	1.04700905	5.67523938	0.00079586	0.0061834
ENSMUSG00000028952	1.04681312	1.9788046	0.00338523	0.02142393
ENSMUSG00000024856	1.04675969	4.10137145	0.00108406	0.00809028
ENSMUSG00000069743	1.04625769	1.27592276	0.00580944	0.03350212
ENSMUSG00000006589	1.04551354	4.02705183	0.00113569	0.00843475
ENSMUSG00000005057	1.04463421	0.75925875	0.01762876	0.07927794

ENSMUSG00000010045	1.04380985	2.43554545	0.00264747	0.01741932
ENSMUSG00000028634	1.04353342	6.47731224	0.00077974	0.00608004
ENSMUSG00000026641	1.04248208	3.99657423	0.00115458	0.00855742
ENSMUSG00000039891	1.04188895	2.76759611	0.00203754	0.01393015
ENSMUSG00000022272	1.03967289	1.96806491	0.00357684	0.02242593
ENSMUSG00000026209	1.03763183	3.87183232	0.00128953	0.00944079
ENSMUSG00000020484	1.03759429	9.30853137	0.00078234	0.00609591
ENSMUSG00000011831	1.03755022	4.63227395	0.00104164	0.00781155
ENSMUSG00000076556	1.03728012	4.89810296	0.00099598	0.00751097
ENSMUSG00000029923	1.03482574	2.58060429	0.0026805	0.01757231
ENSMUSG00000056665	1.0345178	2.13360294	0.00382513	0.02381649
ENSMUSG00000022614	1.03443085	3.89265131	0.00136163	0.00990234
ENSMUSG00000032353	1.03440743	4.60258475	0.00110087	0.00819873
ENSMUSG00000008090	1.03387772	0.76250714	0.01275009	0.06199803
ENSMUSG00000022750	1.03253829	3.38602652	0.00163083	0.01160848
ENSMUSG00000023345	1.03205006	3.07259041	0.00191906	0.01330877
ENSMUSG00000038886	1.0303624	5.52975835	0.00097854	0.00741048
ENSMUSG00000089672	1.02974388	5.07288611	0.00103775	0.00779326
ENSMUSG00000073430	1.02934315	1.48657023	0.00499776	0.02958061
ENSMUSG00000030055	1.02855907	5.64937648	0.00098949	0.00748067
ENSMUSG00000003882	1.02814527	2.01863203	0.00288895	0.01875646
ENSMUSG00000035372	1.02766998	2.2770352	0.00300127	0.0194272
ENSMUSG00000027163	1.02605449	2.61918317	0.0024335	0.01623936
ENSMUSG00000042814	1.02496099	1.19726748	0.00817015	0.04396551
ENSMUSG00000016256	1.02413981	7.91751124	0.00092981	0.00708624
ENSMUSG00000060803	1.02320141	5.14507261	0.00111016	0.00826221
ENSMUSG00000027805	1.02319173	3.08072453	0.0020318	0.01391173
ENSMUSG00000047037	1.02310212	1.33223043	0.00662739	0.03730157
ENSMUSG00000026657	1.02277352	1.03503472	0.01038692	0.05308651
ENSMUSG00000044199	1.02174661	3.38984555	0.00180367	0.0126715
ENSMUSG00000016028	1.02139142	1.25420181	0.00924389	0.04860367
ENSMUSG00000085795	1.02105011	2.6185699	0.00252878	0.01680243
ENSMUSG00000029994	1.02067606	4.5055481	0.00125386	0.00921093
ENSMUSG00000027890	1.0205434	3.25414901	0.00177161	0.01248692
ENSMUSG00000097908	1.01828159	3.80269819	0.001603	0.01141852
ENSMUSG00000050002	1.01710147	4.088436	0.00147478	0.01061682
ENSMUSG00000026347	1.01615928	1.8861253	0.0048361	0.02876586
ENSMUSG00000002014	1.01557964	6.40597385	0.00108018	0.00806697
ENSMUSG00000020235	1.01542842	3.97156457	0.00155437	0.01111531
ENSMUSG00000032383	1.01464042	7.9381614	0.00103545	0.00778135
ENSMUSG00000044456	1.01409426	3.44183482	0.00191344	0.01327832
ENSMUSG00000060166	1.0126732	2.35455084	0.00303646	0.01959614
ENSMUSG00000029094	1.01237989	1.70616602	0.00598889	0.03433504

ENSMUSG00000024160	1.01226141	2.89988915	0.00248942	0.01656243
ENSMUSG00000066621	1.01096323	3.1127061	0.00233848	0.0156732
ENSMUSG00000024835	1.01036788	5.84666727	0.00119499	0.00883263
ENSMUSG00000021880	1.00733718	4.86029536	0.00138972	0.01007849
ENSMUSG00000030761	1.00732728	3.99377947	0.00165616	0.01175774
ENSMUSG00000094322	1.00715639	3.34021377	0.0020253	0.01389054
ENSMUSG00000041199	1.0065594	1.09297942	0.01012621	0.05207238
ENSMUSG00000033313	1.00558421	1.25652359	0.01085117	0.05473294
ENSMUSG00000094749	1.00544823	4.74797306	0.00142188	0.01027033
ENSMUSG00000021213	1.00543505	1.3255552	0.00908472	0.04783673
ENSMUSG00000027956	1.00515564	0.73730644	0.01762876	0.07927794
ENSMUSG00000002393	1.00487113	0.96567549	0.01252834	0.06118912
ENSMUSG00000015092	1.00436892	3.76172793	0.00185708	0.01297071
ENSMUSG00000051615	1.00408562	2.920259	0.00254495	0.01688904
ENSMUSG00000057411	1.00362976	1.45086887	0.00709495	0.03934834
ENSMUSG00000095007	1.00347856	4.50697948	0.0015403	0.01103395
ENSMUSG00000010358	1.00301643	5.58367723	0.00131665	0.00961973
ENSMUSG00000025503	1.001801	5.51604687	0.00135017	0.00984463
ENSMUSG00000074811	1.00091871	1.5386848	0.00813781	0.04382277
ENSMUSG00000074283	1.00079467	1.47863483	0.00793119	0.04303299
ENSMUSG00000037326	1.00070441	1.56628563	0.007995	0.04328217
ENSMUSG00000029428	0.99885958	2.11320156	0.00478839	0.02856084
ENSMUSG00000018932	0.99707574	5.94338914	0.00135894	0.00990186
ENSMUSG00000026782	0.99682242	4.86531273	0.00154091	0.01103395
ENSMUSG00000054499	0.99621681	1.81736122	0.0058529	0.03369869
ENSMUSG00000061758	0.99490254	3.80796503	0.00208837	0.01420879
ENSMUSG00000038593	0.99433445	1.5212713	0.00880094	0.04668437
ENSMUSG00000020167	0.99312479	4.34157386	0.00179143	0.01260656
ENSMUSG00000095335	0.99295911	3.8577195	0.00205091	0.01400695
ENSMUSG00000029469	0.99294448	1.28530767	0.00885343	0.04691667
ENSMUSG00000061981	0.99280763	2.92616428	0.00289775	0.01880222
ENSMUSG00000059674	0.9913754	0.55079639	0.02899443	0.11541077
ENSMUSG00000044156	0.99114418	2.81047745	0.00298875	0.01936942
ENSMUSG00000056116	0.99076555	6.91226868	0.00138581	0.01005694
ENSMUSG00000027082	0.99066306	2.97777152	0.0030958	0.01991949
ENSMUSG00000024812	0.99054343	4.50692003	0.00177689	0.01251597
ENSMUSG00000045932	0.99042043	6.34187129	0.00142555	0.01028995
ENSMUSG00000076550	0.99039356	3.02660507	0.00266385	0.01749507
ENSMUSG00000003233	0.98971422	2.19747167	0.00522808	0.03070787
ENSMUSG00000051335	0.98823367	1.70764262	0.00680886	0.03812398
ENSMUSG00000039716	0.98814956	0.83577994	0.01774976	0.07958366
ENSMUSG00000036676	0.98727177	3.69366584	0.00218036	0.01476021
ENSMUSG00000061111	0.98703198	2.75441315	0.00369966	0.02314218

ENSMUSG00000062157	0.98530523	1.27804036	0.01060028	0.05379453
ENSMUSG00000073176	0.9851119	1.24488489	0.01085117	0.05473294
ENSMUSG00000033685	0.98436614	7.94858438	0.00144739	0.01042662
ENSMUSG00000043372	0.98405734	0.97811996	0.01503091	0.07010957
ENSMUSG00000003345	0.98208331	3.10694704	0.00305263	0.01965349
ENSMUSG00000028392	0.9808373	0.75901931	0.01762876	0.07927794
ENSMUSG00000021136	0.98067365	1.1741323	0.01282556	0.06225468
ENSMUSG00000022565	0.98051599	4.06855213	0.00207102	0.01410859
ENSMUSG00000034744	0.98045538	2.99867849	0.00325201	0.02072673
ENSMUSG00000003518	0.97960103	4.43161921	0.00202795	0.01389418
ENSMUSG00000034471	0.9776761	1.87827197	0.00702697	0.03904112
ENSMUSG00000026955	0.97456494	3.17278674	0.00318609	0.02039097
ENSMUSG00000036106	0.97438995	3.94640693	0.00239943	0.01605179
ENSMUSG00000037325	0.97391268	3.01208409	0.00331764	0.02109784
ENSMUSG00000017747	0.97335149	2.1855975	0.00556672	0.03234455
ENSMUSG00000035890	0.9733065	2.64203949	0.00418944	0.02569904
ENSMUSG00000029998	0.97224418	5.15206568	0.00192293	0.01332702
ENSMUSG00000043311	0.97193352	2.76572079	0.00394429	0.02444554
ENSMUSG00000070284	0.97165811	4.76195293	0.00205391	0.01401861
ENSMUSG00000044309	0.97158098	3.54319383	0.00270494	0.01770027
ENSMUSG00000022620	0.97148235	2.69831618	0.00428952	0.02622344
ENSMUSG00000039910	0.97146074	5.55987461	0.00185138	0.01294541
ENSMUSG00000020186	0.97145711	2.33345056	0.00556525	0.03234455
ENSMUSG00000045594	0.97123909	5.12858825	0.00195985	0.01353076
ENSMUSG00000082292	0.96970179	5.39150114	0.00190773	0.01325575
ENSMUSG00000056737	0.96938669	6.14870215	0.0018164	0.01274433
ENSMUSG00000028980	0.96932227	3.77967189	0.00264741	0.01741932
ENSMUSG00000070699	0.96916699	2.2231434	0.00540599	0.03158599
ENSMUSG00000040033	0.96846462	7.63699868	0.00173009	0.01225037
ENSMUSG00000031303	0.96823673	2.80720278	0.00394007	0.02443339
ENSMUSG00000002820	0.96786117	2.55700544	0.00428633	0.02621884
ENSMUSG00000001082	0.967114	3.28745477	0.00313936	0.02016346
ENSMUSG00000024862	0.96665053	1.89370887	0.00738488	0.04071049
ENSMUSG00000025792	0.96655078	2.31418197	0.00523407	0.03072629
ENSMUSG00000024772	0.96653551	5.88819306	0.00191207	0.01327735
ENSMUSG00000041936	0.96634384	2.43694951	0.00510975	0.03009479
ENSMUSG00000036686	0.96612676	2.67660443	0.00454363	0.02732763
ENSMUSG00000032648	0.96605355	1.3247389	0.01013055	0.05207238
ENSMUSG00000056498	0.96554005	6.58422168	0.00184722	0.01293536
ENSMUSG00000032842	0.96496938	1.20810821	0.01753252	0.07900988
ENSMUSG00000021185	0.96467345	5.69388258	0.00197315	0.01359646
ENSMUSG00000034858	0.96411078	5.14405619	0.00209223	0.01422611
ENSMUSG00000028466	0.96409757	4.40132817	0.00243964	0.0162703

ENSMUSG0000001911	0.96409639	1.71974786	0.00772001	0.04211054
ENSMUSG00000053559	0.96388411	2.02833176	0.0064112	0.03627408
ENSMUSG00000039886	0.96378609	2.46871136	0.00477212	0.0284953
ENSMUSG00000032596	0.96311146	6.14022136	0.00193576	0.01340735
ENSMUSG00000071074	0.96206168	3.41373131	0.00319806	0.0204433
ENSMUSG00000076522	0.95933916	6.10397737	0.00200916	0.0138005
ENSMUSG00000066357	0.9583011	5.43453842	0.00217388	0.01472556
ENSMUSG00000022853	0.95690769	3.38611703	0.00332858	0.0211398
ENSMUSG00000028795	0.95627608	2.39658116	0.00508363	0.02997621
ENSMUSG00000095204	0.95493784	2.51263408	0.0056638	0.03285553
ENSMUSG00000040627	0.95458446	6.81472289	0.00206584	0.0140822
ENSMUSG00000033128	0.95453756	3.6247801	0.00332668	0.0211398
ENSMUSG00000065037	0.95406705	1.28369643	0.01085117	0.05473294
ENSMUSG00000014856	0.95391295	3.6126148	0.00321389	0.02052021
ENSMUSG00000037410	0.95290813	2.36383072	0.00618151	0.03523332
ENSMUSG00000031708	0.95268998	5.39287552	0.00233197	0.01564899
ENSMUSG00000018008	0.95214755	6.30912729	0.00216669	0.0146953
ENSMUSG00000023991	0.95212005	2.64221174	0.00485389	0.02885575
ENSMUSG00000020571	0.95120762	9.46863521	0.00203837	0.01393015
ENSMUSG00000032175	0.95108104	5.33857185	0.0023499	0.01573997
ENSMUSG00000019082	0.95033129	3.85986222	0.00319718	0.0204433
ENSMUSG00000058709	0.95003791	3.32292818	0.00374016	0.0233306
ENSMUSG00000017756	0.94972348	3.47690642	0.00351312	0.0220649
ENSMUSG00000026197	0.94875261	2.20681187	0.00729966	0.0402874
ENSMUSG00000029007	0.94755581	3.90325769	0.00310842	0.0199888
ENSMUSG00000029364	0.94739571	4.58383149	0.00273322	0.01786365
ENSMUSG00000055538	0.94623893	3.07508428	0.00426706	0.02612604
ENSMUSG00000019822	0.94574985	2.52624643	0.0060149	0.03446584
ENSMUSG00000063455	0.94512653	2.33840586	0.00636224	0.03603489
ENSMUSG00000067212	0.94413265	6.45675706	0.0023344	0.01565555
ENSMUSG00000001542	0.94231088	7.62402592	0.00228694	0.01538512
ENSMUSG00000007872	0.94211011	1.7859846	0.01049804	0.05342656
ENSMUSG00000076532	0.94161346	4.81969296	0.00275625	0.01799239
ENSMUSG00000004934	0.94071014	3.17468285	0.00430441	0.02626978
ENSMUSG00000071715	0.94066399	5.18617283	0.0026913	0.01762171
ENSMUSG00000020225	0.94032526	5.48711681	0.00258647	0.01713301
ENSMUSG00000047238	0.94027646	1.41545458	0.01143507	0.05710074
ENSMUSG00000089942	0.93928203	1.86239011	0.00892165	0.04718542
ENSMUSG00000093861	0.93848986	6.83383942	0.00242287	0.01617844
ENSMUSG00000029638	0.93847655	1.54110306	0.0121661	0.05985093
ENSMUSG00000030539	0.93646592	5.41611849	0.00275025	0.01796407
ENSMUSG00000037370	0.93629131	4.70956692	0.00296594	0.01923316
ENSMUSG00000035206	0.9360642	1.47048042	0.01359252	0.06483047

ENSMUSG00000028850	0.93541451	1.52676583	0.01270207	0.0618416
ENSMUSG00000063439	0.93384042	1.13825284	0.01802521	0.08045692
ENSMUSG00000024942	0.93300524	4.89630323	0.00304015	0.01960824
ENSMUSG00000094319	0.93288076	0.94015225	0.01438199	0.06775894
ENSMUSG00000029103	0.93242194	4.93883804	0.00301239	0.01947579
ENSMUSG00000032265	0.9319391	4.02359605	0.00353306	0.02216435
ENSMUSG00000032657	0.9310012	1.30301138	0.01915124	0.08471164
ENSMUSG00000024773	0.93032182	3.3708744	0.00447867	0.02702847
ENSMUSG00000037606	0.92964653	3.32671053	0.0044205	0.02676625
ENSMUSG00000031286	0.92955822	1.41080245	0.01314947	0.06333357
ENSMUSG00000033060	0.92889461	4.35394708	0.0034936	0.02198075
ENSMUSG00000075010	0.92860796	5.81632272	0.00285725	0.01859542
ENSMUSG00000096074	0.92837113	1.20121994	0.01282556	0.06225468
ENSMUSG00000020941	0.92827756	3.60320817	0.00439222	0.02668613
ENSMUSG00000006057	0.92654362	5.13702075	0.00314119	0.02016346
ENSMUSG00000030653	0.92626741	5.33580348	0.00304891	0.01964127
ENSMUSG00000031813	0.92617299	2.76804468	0.00618961	0.03526083
ENSMUSG00000025076	0.92428454	4.13056916	0.0037406	0.0233306
ENSMUSG00000001794	0.92386686	6.6297616	0.00286241	0.01861775
ENSMUSG00000010110	0.9234817	5.82891084	0.00300311	0.01942743
ENSMUSG00000038217	0.92320531	2.16466405	0.00796621	0.04314799
ENSMUSG00000006519	0.92219921	4.94228644	0.00334972	0.02122417
ENSMUSG00000056666	0.9214314	2.25188253	0.00832662	0.04456291
ENSMUSG00000071547	0.92063181	2.70981602	0.0069767	0.03884187
ENSMUSG00000029135	0.92048612	1.42514163	0.01053531	0.05358235
ENSMUSG00000086784	0.91994235	2.15110886	0.00896014	0.04734253
ENSMUSG00000063802	0.91984066	2.05263377	0.00959946	0.05005831
ENSMUSG00000067336	0.91947082	3.08857343	0.00512237	0.03013616
ENSMUSG00000030680	0.91916162	1.72893396	0.01054076	0.05358235
ENSMUSG00000095737	0.91890583	2.20805309	0.00759548	0.0416419
ENSMUSG00000074272	0.91856893	4.91973281	0.00348158	0.02193072
ENSMUSG00000006517	0.91779298	3.04510494	0.00568577	0.03294753
ENSMUSG00000038351	0.91611561	1.52085164	0.01340761	0.06409028
ENSMUSG00000037344	0.91594813	2.07395214	0.01026684	0.05262486
ENSMUSG00000093894	0.914779	4.18830023	0.00395207	0.02447967
ENSMUSG00000014599	0.91426927	2.96001432	0.00578201	0.03342934
ENSMUSG00000017697	0.91409253	4.02940383	0.00435287	0.02652052
ENSMUSG00000002105	0.91374922	2.07027072	0.00986027	0.05104806
ENSMUSG00000024357	0.91327729	3.98800925	0.00430169	0.02626806
ENSMUSG00000067071	0.91279912	2.11796759	0.00932532	0.04888877
ENSMUSG00000031988	0.91198587	3.91737945	0.00441569	0.02676422
ENSMUSG00000020231	0.91188016	3.03047065	0.00558101	0.03241011
ENSMUSG00000021306	0.91128983	3.54592627	0.00487421	0.02896061

ENSMUSG00000018599	0.91118552	2.31394606	0.00928883	0.04876863
ENSMUSG00000032855	0.91070924	4.26082659	0.00409635	0.02522847
ENSMUSG00000036390	0.91044403	2.35385592	0.00808395	0.043676
ENSMUSG00000060671	0.91011076	7.04812212	0.00324883	0.02071872
ENSMUSG00000020806	0.90995661	2.77532033	0.00655212	0.03696679
ENSMUSG00000042675	0.90925694	3.13317701	0.00579802	0.0334721
ENSMUSG00000035517	0.90893271	4.61866773	0.00392822	0.02437395
ENSMUSG00000022474	0.90872741	4.01510428	0.00461315	0.02771487
ENSMUSG00000028057	0.9086372	4.20707086	0.00426874	0.02612604
ENSMUSG00000024036	0.90852566	1.85022921	0.01219868	0.05988347
ENSMUSG00000016194	0.90832361	2.54592492	0.00715212	0.03955308
ENSMUSG00000037846	0.90765931	0.81131513	0.02220338	0.09497868
ENSMUSG00000037089	0.90725127	4.07162675	0.0046561	0.0278952
ENSMUSG00000034108	0.90628533	2.37486591	0.00906896	0.04782378
ENSMUSG00000026102	0.90508181	4.91480505	0.00399153	0.02465332
ENSMUSG00000021614	0.90468706	1.46877065	0.01228427	0.06023105
ENSMUSG00000031517	0.9043223	3.63369945	0.00537097	0.03146147
ENSMUSG00000008384	0.90423495	1.80940705	0.01434894	0.06767191
ENSMUSG00000049686	0.90404928	1.44961644	0.01957516	0.08614365
ENSMUSG00000051768	0.90402146	4.55598071	0.00422109	0.02586378
ENSMUSG00000053644	0.9038021	4.18927647	0.00451481	0.02721504
ENSMUSG00000014867	0.90376914	7.9318281	0.00340743	0.02153908
ENSMUSG00000078921	0.90301271	4.18504245	0.00446183	0.02697105
ENSMUSG00000031441	0.90190464	3.96017279	0.00475848	0.02842959
ENSMUSG00000022174	0.90156701	5.36954288	0.00389856	0.02421777
ENSMUSG00000005089	0.90133118	3.38189465	0.00567653	0.03291168
ENSMUSG00000024299	0.8983471	3.22980445	0.00645226	0.03646814
ENSMUSG00000030269	0.89777247	6.95178072	0.00371007	0.02319383
ENSMUSG00000028756	0.89738963	2.87422696	0.00714616	0.03954036
ENSMUSG00000041649	0.89738683	3.47645231	0.00576711	0.03336507
ENSMUSG00000030541	0.89636986	4.40226508	0.0047477	0.02838094
ENSMUSG00000037419	0.89627372	3.99063077	0.00492122	0.0292077
ENSMUSG00000030120	0.89584061	4.79701817	0.0043968	0.02668613
ENSMUSG00000036555	0.89533009	2.83504358	0.00698688	0.03887852
ENSMUSG00000025736	0.895225	3.3151031	0.00635761	0.03602756
ENSMUSG00000032299	0.89480468	3.44077485	0.00587137	0.033787
ENSMUSG00000025324	0.89474174	5.36693893	0.0041732	0.02561399
ENSMUSG00000018931	0.89395217	3.62324845	0.00554588	0.03229308
ENSMUSG00000024960	0.89314152	2.99150986	0.00709217	0.03934834
ENSMUSG00000041773	0.89279485	3.97330098	0.00522618	0.03070787
ENSMUSG00000061306	0.89253087	5.17941115	0.00434621	0.02649494
ENSMUSG00000070327	0.89223382	9.45904282	0.00377011	0.02348748
ENSMUSG00000034659	0.89192035	4.32537377	0.00503297	0.02974005



ENSMUSG00000046432	0.89191726	4.57879197	0.00482081	0.02869282
ENSMUSG00000030930	0.89174611	3.69806111	0.00576003	0.03334203
ENSMUSG00000033589	0.89136197	4.77168622	0.00465298	0.02789201
ENSMUSG00000091549	0.88911162	5.53220922	0.00431829	0.02633959
ENSMUSG00000020766	0.88909796	2.68753957	0.00854632	0.04546795
ENSMUSG00000033033	0.88843652	1.83540031	0.01533057	0.07104633
ENSMUSG00000039745	0.88842738	4.0519157	0.00547144	0.03187684
ENSMUSG00000025931	0.88810744	2.08551481	0.01264455	0.06164504
ENSMUSG00000009828	0.88745673	2.83899098	0.00761819	0.04170281
ENSMUSG00000038213	0.88671141	5.06354349	0.00464933	0.02788565
ENSMUSG00000033355	0.88641659	5.30417593	0.00447885	0.02702847
ENSMUSG00000038079	0.88635604	2.39314009	0.00847634	0.04516248
ENSMUSG00000027953	0.88634074	4.22067601	0.00540687	0.03158599
ENSMUSG00000040345	0.88633014	4.08425535	0.00546282	0.03184383
ENSMUSG00000019302	0.88591018	7.04758131	0.00415996	0.02556755
ENSMUSG00000003452	0.88502009	3.49635055	0.00603023	0.03453533
ENSMUSG00000032392	0.88501607	0.99548226	0.03229138	0.12537558
ENSMUSG00000020100	0.88462493	5.87557325	0.00441745	0.02676422
ENSMUSG00000028967	0.88408445	2.37990229	0.0104796	0.0533579
ENSMUSG00000024201	0.88322613	3.0431534	0.00730478	0.04029397
ENSMUSG00000063457	0.88321215	6.41590838	0.00439737	0.02668613
ENSMUSG00000018574	0.88279095	5.85513701	0.00452985	0.02726001
ENSMUSG00000036473	0.88276006	3.79279853	0.00583001	0.03358486
ENSMUSG00000040511	0.88269017	4.82111029	0.00498364	0.02951323
ENSMUSG00000024870	0.88254925	5.12549431	0.00482116	0.02869282
ENSMUSG00000016496	0.88140623	6.39020377	0.00443902	0.02684822
ENSMUSG00000015335	0.88119285	1.81396468	0.0159457	0.07339242
ENSMUSG00000059534	0.88101999	3.5645486	0.0068915	0.03846398
ENSMUSG00000055805	0.88056935	7.07075743	0.00438449	0.026668
ENSMUSG00000035559	0.8804042	2.48319014	0.01005904	0.05182832
ENSMUSG00000031387	0.88026614	3.85300996	0.00616524	0.035215
ENSMUSG00000025509	0.87981995	3.79038002	0.00626909	0.03560629
ENSMUSG00000046157	0.87945796	6.0687354	0.00463542	0.02781769
ENSMUSG00000027035	0.87858127	4.16890959	0.00582	0.03354509
ENSMUSG00000009894	0.87788349	3.6232425	0.00681899	0.03814108
ENSMUSG00000045867	0.87778035	2.00964434	0.01416227	0.06692635
ENSMUSG00000024012	0.87766493	5.14780202	0.00508406	0.02997621
ENSMUSG00000020818	0.87679604	4.26537882	0.00579124	0.03345085
ENSMUSG00000028833	0.87600163	3.30579935	0.00756764	0.04155265
ENSMUSG00000059278	0.87552257	2.52605332	0.01033759	0.05289324
ENSMUSG00000071537	0.87529933	0.93905067	0.03496873	0.13268407
ENSMUSG00000035692	0.87509274	5.39139807	0.00504223	0.02977845
ENSMUSG00000064254	0.87430748	2.76058087	0.01010852	0.05203357

ENSMUSG00000038534	0.87363271	3.05097353	0.00829034	0.04445701
ENSMUSG00000052087	0.87265914	2.63655822	0.01003727	0.0517409
ENSMUSG00000031706	0.87247263	2.10193204	0.01456542	0.06847145
ENSMUSG00000025158	0.87143949	2.64198661	0.01031916	0.05284037
ENSMUSG00000020262	0.8710389	1.3793456	0.02298813	0.09767691
ENSMUSG00000022453	0.87041902	2.70632621	0.01043107	0.05323649
ENSMUSG00000028068	0.8699604	4.64429831	0.00580335	0.03348491
ENSMUSG00000025510	0.86952123	1.91590766	0.01542118	0.07143559
ENSMUSG00000000149	0.86880136	3.84051021	0.00689456	0.03846398
ENSMUSG00000049858	0.86855794	3.56674945	0.00738784	0.04071049
ENSMUSG00000024338	0.86809382	7.42949947	0.00493167	0.02925366
ENSMUSG00000006736	0.86745534	6.58395674	0.00508847	0.02998583
ENSMUSG00000022175	0.86660636	5.72210406	0.00537966	0.03147818
ENSMUSG00000039485	0.86655053	3.06751272	0.00829704	0.04447083
ENSMUSG00000046572	0.86591661	4.00612199	0.00661062	0.03722658
ENSMUSG00000041268	0.86565499	2.01038006	0.01340098	0.06408788
ENSMUSG00000004952	0.86531852	4.10936243	0.00673122	0.03774804
ENSMUSG00000034786	0.86456804	2.16093341	0.01465898	0.06879132
ENSMUSG00000006360	0.86397357	1.15457636	0.0327512	0.12645504
ENSMUSG00000025533	0.86300346	3.30467297	0.00846266	0.04511187
ENSMUSG00000027605	0.86254748	3.20343461	0.00931634	0.04886546
ENSMUSG00000035311	0.8621303	7.08424927	0.005269	0.03089772
ENSMUSG00000021279	0.86211155	3.75049932	0.00725189	0.0400637
ENSMUSG00000034757	0.86170543	3.70962025	0.00771395	0.04210289
ENSMUSG00000019768	0.86135118	0.89088176	0.02915478	0.11593108
ENSMUSG00000021728	0.86134312	5.38654729	0.00575018	0.03330287
ENSMUSG00000042377	0.85975	0.81002926	0.04821516	0.16595988
ENSMUSG00000024953	0.85922078	3.62588135	0.00793301	0.04303299
ENSMUSG00000026342	0.85897149	3.57753412	0.00771142	0.04210289
ENSMUSG00000058486	0.85856071	3.64165896	0.00790303	0.04291352
ENSMUSG00000042178	0.85846614	2.7085955	0.01081279	0.05467736
ENSMUSG00000057789	0.85842454	5.48888546	0.00591161	0.03400042
ENSMUSG00000032115	0.85715382	8.92763372	0.00538381	0.03148537
ENSMUSG00000062075	0.85634685	3.61954937	0.00842244	0.0449864
ENSMUSG00000041762	0.85631491	4.93120556	0.00631683	0.03583412
ENSMUSG00000038650	0.85458501	4.92101004	0.00645001	0.03646814
ENSMUSG00000029624	0.85438915	3.50423338	0.00844681	0.04504965
ENSMUSG00000028517	0.85392017	1.44563567	0.02220098	0.09497868
ENSMUSG00000053835	0.85379306	5.32578275	0.00620186	0.03530808
ENSMUSG00000021493	0.85340323	2.45757813	0.01308014	0.06305598
ENSMUSG00000047669	0.85254964	1.51228677	0.01997847	0.08743826
ENSMUSG00000055322	0.85207627	2.41780009	0.0128019	0.06221528
ENSMUSG00000069874	0.85138751	6.08225335	0.00605336	0.03464938

ENSMUSG00000020538	0.85090174	4.24831773	0.0074585	0.04100173
ENSMUSG00000024937	0.84994364	5.16523303	0.0066077	0.03722658
ENSMUSG00000044857	0.84977963	2.50958625	0.01411667	0.06679869
ENSMUSG00000040699	0.8496511	6.44570108	0.00610204	0.03490949
ENSMUSG00000034412	0.84954836	2.60211754	0.01337911	0.06408788
ENSMUSG00000020277	0.84930171	4.67251791	0.00711621	0.03943533
ENSMUSG00000031138	0.84911778	1.96220681	0.01732779	0.07821805
ENSMUSG00000039461	0.84879806	3.22426445	0.0097337	0.05062953
ENSMUSG00000035673	0.84873094	4.26631686	0.00739896	0.04075096
ENSMUSG00000075706	0.84811212	5.10225138	0.00675819	0.03787959
ENSMUSG00000068923	0.84767352	3.72031622	0.00801668	0.04337775
ENSMUSG00000095488	0.8458967	5.15085189	0.00682269	0.03814198
ENSMUSG00000039623	0.84565956	2.28036302	0.01552442	0.07175967
ENSMUSG00000034509	0.84448049	3.4615542	0.00963162	0.05020171
ENSMUSG00000050732	0.84445893	5.00726843	0.00709686	0.03934834
ENSMUSG00000017765	0.84415198	3.21310295	0.00993544	0.05138789
ENSMUSG00000019039	0.84406971	3.54737602	0.00938191	0.04911384
ENSMUSG00000038007	0.84304291	1.89345264	0.01946168	0.08573315
ENSMUSG00000020423	0.84298769	7.12576058	0.00634363	0.03596724
ENSMUSG00000042500	0.84262191	2.87043536	0.010843	0.05473294
ENSMUSG00000024610	0.84184634	11.2549524	0.00620445	0.03530808
ENSMUSG00000094356	0.84170743	4.40371792	0.007823	0.04256004
ENSMUSG00000042210	0.84141705	2.59176945	0.01317892	0.06341878
ENSMUSG00000074364	0.8406848	3.23109327	0.00991846	0.05132469
ENSMUSG00000024887	0.84056266	4.62606964	0.00761802	0.04170281
ENSMUSG00000096054	0.84055066	4.24053577	0.00806954	0.04362002
ENSMUSG00000027134	0.83984596	1.84410349	0.02114851	0.09140903
ENSMUSG00000093661	0.83984411	4.49360552	0.00782609	0.04256004
ENSMUSG00000053730	0.83965733	3.60299118	0.00940089	0.04916547
ENSMUSG00000028893	0.83924468	4.55284368	0.00777258	0.04235449
ENSMUSG00000020605	0.83872599	2.75875599	0.01262816	0.06159297
ENSMUSG00000040472	0.83872492	3.06275658	0.01065892	0.05404125
ENSMUSG00000018819	0.83821626	7.24993713	0.00663198	0.0373079
ENSMUSG00000033434	0.83804092	1.14560489	0.03575615	0.13505027
ENSMUSG00000064065	0.83784747	2.9187424	0.01111009	0.05571142
ENSMUSG00000038055	0.83646686	3.59094435	0.00969225	0.05046897
ENSMUSG00000044453	0.83517419	1.16037306	0.02998685	0.11858385
ENSMUSG00000037148	0.8344403	3.81036976	0.00950575	0.04964163
ENSMUSG00000048277	0.83443863	7.8200933	0.00681276	0.03812602
ENSMUSG00000026556	0.83414242	2.34468434	0.01702386	0.07713667
ENSMUSG00000032783	0.83300107	3.53400186	0.01009717	0.05199995
ENSMUSG00000024197	0.83135467	3.48867195	0.01024827	0.05257721
ENSMUSG00000051537	0.83116866	0.72025449	0.05017089	0.1704609

ENSMUSG00000036959	0.8306604	3.16456147	0.01160278	0.05771421
ENSMUSG00000040158	0.82881346	1.79807268	0.02124812	0.09172925
ENSMUSG00000006219	0.82864327	1.1129747	0.0268734	0.10907139
ENSMUSG00000031903	0.82841477	3.04641917	0.01228749	0.06023105
ENSMUSG00000026856	0.82825168	3.31676503	0.01163219	0.05780715
ENSMUSG00000033697	0.82715384	1.13772771	0.03575615	0.13505027
ENSMUSG00000029385	0.82668723	5.2883793	0.00805293	0.04355205
ENSMUSG00000020400	0.82661839	4.95430757	0.00839684	0.04489417
ENSMUSG00000014837	0.8265921	2.58482096	0.01460663	0.06860536
ENSMUSG00000096188	0.82656396	4.05198901	0.00927088	0.04869808
ENSMUSG00000047875	0.82652876	2.44689011	0.01588754	0.07321846
ENSMUSG00000024965	0.82613947	6.22045152	0.00768801	0.04204233
ENSMUSG00000028101	0.82589044	3.51658199	0.01087383	0.05482161
ENSMUSG00000074785	0.82545996	7.4278001	0.0074597	0.04100173
ENSMUSG00000049881	0.82539671	3.31007263	0.01219992	0.05988347
ENSMUSG00000045980	0.82413754	1.76315898	0.02418751	0.10102175
ENSMUSG00000072235	0.82333739	5.12779287	0.00852019	0.04535132
ENSMUSG00000035769	0.82333187	2.99347321	0.01289471	0.06246924
ENSMUSG00000005514	0.82309648	4.19294536	0.00978247	0.05074273
ENSMUSG00000032515	0.82223622	4.1091406	0.00975106	0.05067733
ENSMUSG00000023055	0.82215133	2.70900966	0.0152974	0.07092313
ENSMUSG00000029299	0.8221226	2.6752544	0.01455558	0.06845504
ENSMUSG00000019810	0.82140721	5.34327153	0.00844349	0.04504965
ENSMUSG00000094433	0.82098901	5.94677843	0.00813956	0.04382277
ENSMUSG00000031149	0.81989559	4.2164162	0.00995619	0.05146849
ENSMUSG00000003199	0.8195566	3.00961254	0.0137025	0.06529728
ENSMUSG00000019960	0.81943594	4.09072123	0.01018605	0.05230782
ENSMUSG00000042747	0.81941639	5.25091518	0.00874723	0.04644514
ENSMUSG00000042870	0.81923467	2.05177681	0.02062255	0.08971098
ENSMUSG00000021606	0.81907222	3.72382727	0.01100353	0.05526927
ENSMUSG00000022519	0.81876439	3.35205393	0.0120197	0.05930435
ENSMUSG00000038366	0.81847493	6.41899998	0.00820573	0.04413497
ENSMUSG00000041298	0.81761656	2.48423194	0.01507351	0.07020557
ENSMUSG00000022671	0.81759343	1.6628138	0.0262568	0.10701184
ENSMUSG00000037855	0.81748851	3.98954526	0.01046251	0.05332122
ENSMUSG00000028988	0.81667167	1.08711648	0.0421534	0.15117468
ENSMUSG00000021288	0.81628836	5.48022201	0.00881634	0.04674305
ENSMUSG00000006476	0.81613247	3.02094935	0.01413016	0.06683315
ENSMUSG00000029605	0.8159642	3.51718157	0.01217492	0.05985093
ENSMUSG00000017664	0.81593565	3.91174836	0.01082732	0.054715
ENSMUSG00000002489	0.81498957	2.87116048	0.01527477	0.07084865
ENSMUSG00000017167	0.81493175	2.17988126	0.02198922	0.09439956
ENSMUSG00000042570	0.81420462	2.55208161	0.01700374	0.07707791

ENSMUSG0000005267	0.81391744	3.59820239	0.01189925	0.05880911
ENSMUSG00000020747	0.81384109	3.04399944	0.01443192	0.06793269
ENSMUSG00000025144	0.81298063	3.56870923	0.01246662	0.0609429
ENSMUSG00000060586	0.81252155	9.90007712	0.00825054	0.04430966
ENSMUSG00000004207	0.81233724	8.72619953	0.0083149	0.0445444
ENSMUSG00000040061	0.81212671	4.530056	0.01026731	0.05262486
ENSMUSG00000020895	0.81191998	1.54982626	0.0295465	0.11710011
ENSMUSG00000031865	0.81111459	4.46975819	0.01040026	0.05312949
ENSMUSG00000026930	0.81083253	1.78826413	0.0254967	0.10490514
ENSMUSG00000020873	0.81060022	6.81665371	0.00871899	0.046318
ENSMUSG00000038264	0.81002856	5.35249894	0.00930614	0.0488357
ENSMUSG00000003379	0.80965351	7.34641719	0.00869254	0.04620028
ENSMUSG00000006299	0.80953557	5.10124847	0.00977084	0.0507068
ENSMUSG00000022414	0.80913733	2.67261981	0.01678598	0.07621897
ENSMUSG00000023341	0.80907307	4.47070192	0.01036897	0.0530199
ENSMUSG00000036908	0.80904359	6.99977239	0.00879946	0.04668437
ENSMUSG00000096326	0.80753402	4.05342853	0.01143709	0.05710074
ENSMUSG00000055202	0.80704065	1.68978609	0.02876694	0.11476977
ENSMUSG00000002963	0.80653368	3.79271053	0.01216795	0.05985093
ENSMUSG00000046330	0.80641743	7.43632088	0.00895908	0.04734253
ENSMUSG00000048930	0.8062128	2.71469694	0.01678444	0.07621897
ENSMUSG00000059142	0.8052482	4.16621184	0.01128243	0.05640691
ENSMUSG00000024055	0.8042532	1.81234449	0.02435565	0.10148813
ENSMUSG00000034175	0.80256314	1.50006592	0.03454139	0.13166997
ENSMUSG00000020307	0.80241629	4.95157696	0.01045985	0.05332122
ENSMUSG00000086236	0.80213292	2.32673469	0.01970444	0.0864846
ENSMUSG00000059895	0.80145734	5.65069761	0.00998157	0.05155231
ENSMUSG00000096452	0.80122723	1.33850005	0.03671917	0.13746639
ENSMUSG00000036114	0.80060381	2.06899832	0.02318656	0.09821047
ENSMUSG00000030553	0.80050882	1.2522781	0.04761356	0.16447664
ENSMUSG00000073491	0.800497	6.14155507	0.00976303	0.0507068
ENSMUSG00000052384	0.79934601	6.09341173	0.00996057	0.05146849
ENSMUSG00000026895	0.79689031	4.0008695	0.01286226	0.06234005
ENSMUSG00000024050	0.79633451	4.17568453	0.01247862	0.06097391
ENSMUSG00000024952	0.79594267	3.7748157	0.01324261	0.06364352
ENSMUSG00000093906	0.79589842	2.00382327	0.02427486	0.10126889
ENSMUSG00000013833	0.79573071	2.07370473	0.02318656	0.09821047
ENSMUSG00000027907	0.79554104	5.85102234	0.01040948	0.05315145
ENSMUSG00000045252	0.79525975	2.13137162	0.02480434	0.10299961
ENSMUSG00000015478	0.79468085	3.6321724	0.01380605	0.06561674
ENSMUSG00000024516	0.79459412	8.3444863	0.00985091	0.05102411
ENSMUSG00000027381	0.7937191	6.89855141	0.01016523	0.05222574
ENSMUSG00000026471	0.79347839	3.0253387	0.01584449	0.07305128

ENSMUSG00000024194	0.79315343	3.84501639	0.0135279	0.064608
ENSMUSG00000006315	0.7926459	4.98578192	0.01155285	0.05754589
ENSMUSG00000017760	0.79166618	6.46012383	0.01054356	0.05358235
ENSMUSG00000032359	0.79129474	7.80824276	0.01022872	0.0525019
ENSMUSG00000026520	0.79107052	4.19420981	0.01303227	0.06293776
ENSMUSG00000031875	0.79043255	2.71281723	0.01880978	0.08356048
ENSMUSG00000022508	0.79008272	3.51805097	0.01488273	0.06958754
ENSMUSG00000074247	0.79004277	4.06025246	0.01343814	0.06420775
ENSMUSG00000058569	0.78939409	6.50903154	0.01073793	0.05433969
ENSMUSG00000025512	0.78854028	4.83471062	0.01207393	0.05953601
ENSMUSG00000010057	0.78835647	3.02133518	0.01723688	0.07790549
ENSMUSG00000002871	0.78684689	2.38721709	0.02190488	0.09414996
ENSMUSG00000053460	0.78681727	3.31664213	0.01524222	0.07072808
ENSMUSG00000003549	0.78627786	2.0034938	0.02697574	0.10944558
ENSMUSG00000096649	0.78511224	1.36694221	0.03047868	0.1199132
ENSMUSG00000024963	0.78323676	0.73559299	0.05909183	0.18954381
ENSMUSG00000020097	0.7827692	8.22605729	0.01100285	0.05526927
ENSMUSG00000024941	0.7826095	4.12493762	0.01374059	0.06540494
ENSMUSG00000062997	0.78221215	6.25127878	0.01167271	0.05792846
ENSMUSG00000051403	0.78171134	2.11717456	0.02575854	0.10557966
ENSMUSG00000024858	0.78057491	8.34835504	0.01121602	0.05617908
ENSMUSG00000004054	0.7796608	2.41848791	0.02331656	0.09856962
ENSMUSG00000047767	0.77913516	2.71296066	0.02083214	0.09051322
ENSMUSG00000025534	0.77908205	6.89698525	0.01163784	0.05780858
ENSMUSG00000022575	0.77900426	4.3129748	0.01415927	0.06692635
ENSMUSG00000076576	0.77733667	6.10644111	0.0121304	0.05975981
ENSMUSG00000030946	0.77700992	2.64032911	0.02178265	0.09369928
ENSMUSG00000021990	0.77681939	5.10716572	0.01275145	0.06199803
ENSMUSG00000091144	0.77676514	4.69857394	0.01340117	0.06408788
ENSMUSG00000027198	0.7758875	4.91506403	0.01336611	0.06407728
ENSMUSG00000031570	0.77585668	4.51603189	0.01379329	0.06558504
ENSMUSG00000013846	0.7745205	6.06615432	0.012449	0.06091199
ENSMUSG00000049922	0.77448037	4.70790782	0.01400845	0.06637668
ENSMUSG00000021756	0.77358179	5.91691306	0.01260159	0.06149117
ENSMUSG00000032436	0.77284418	3.92176672	0.01605595	0.07378467
ENSMUSG00000034105	0.77265827	1.75310033	0.03877407	0.1424439
ENSMUSG00000051169	0.77193265	1.42988986	0.04069891	0.14772703
ENSMUSG00000070003	0.77123026	0.84044385	0.06562718	0.20357165
ENSMUSG00000000682	0.77063253	9.17447579	0.01221622	0.05993618
ENSMUSG00000036845	0.77048258	3.12786013	0.01907058	0.08445878
ENSMUSG00000022372	0.76990343	6.39060662	0.01283837	0.06225913
ENSMUSG00000032300	0.76967557	6.21368328	0.01293406	0.06263175
ENSMUSG00000019370	0.76951835	7.00833113	0.01266398	0.06168397

ENSMUSG0000002111	0.7694607	3.68664781	0.01738876	0.07846039
ENSMUSG00000033721	0.76936589	3.92727074	0.01605829	0.07378467
ENSMUSG00000000532	0.76852068	3.98014405	0.01591292	0.0732728
ENSMUSG00000036646	0.76704566	6.85483646	0.0129969	0.06279504
ENSMUSG00000024830	0.76699071	3.9223942	0.01630538	0.07460214
ENSMUSG00000000078	0.76678642	6.03365036	0.01335235	0.06405328
ENSMUSG00000026639	0.76675089	1.25179936	0.04939769	0.16875896
ENSMUSG00000030062	0.76640966	8.87900742	0.01271215	0.06186276
ENSMUSG00000020823	0.76559232	4.51939001	0.015208	0.07059969
ENSMUSG00000017721	0.76504679	5.65703987	0.01392878	0.06610229
ENSMUSG00000022433	0.76480957	4.03996462	0.01616181	0.07413399
ENSMUSG00000002968	0.76462534	2.9188457	0.02211728	0.09476074
ENSMUSG00000076594	0.76444396	3.39301548	0.01973209	0.08657073
ENSMUSG00000027438	0.7641871	1.13792133	0.05083207	0.17194888
ENSMUSG00000019838	0.76386405	4.02807083	0.01662939	0.07573112
ENSMUSG00000013646	0.76247849	3.23715708	0.01996256	0.08743826
ENSMUSG00000039952	0.76227303	3.99250154	0.01712738	0.07749729
ENSMUSG00000007570	0.76219478	1.33268686	0.04620943	0.16116511
ENSMUSG00000034371	0.7618418	1.69012995	0.04062819	0.14761939
ENSMUSG00000043592	0.76170908	2.15801649	0.02787481	0.11187269
ENSMUSG00000035919	0.76164195	4.18503089	0.01639727	0.07489543
ENSMUSG00000037946	0.76128745	4.68617408	0.01547549	0.07165638
ENSMUSG00000024349	0.76084811	7.52885712	0.01355886	0.06469854
ENSMUSG00000023990	0.7606718	2.73428038	0.02393099	0.10030766
ENSMUSG00000089682	0.75975553	4.74755546	0.01551305	0.07175967
ENSMUSG00000038587	0.75937219	4.04388226	0.01726417	0.07799616
ENSMUSG00000018669	0.75798068	4.46540255	0.01651786	0.0752868
ENSMUSG00000019982	0.75735106	4.46052203	0.01675406	0.07613811
ENSMUSG00000004947	0.75647029	2.59103688	0.02593578	0.10602407
ENSMUSG00000027642	0.75644158	8.5750623	0.01393272	0.06610229
ENSMUSG00000040482	0.75626961	2.32313468	0.03008679	0.11881151
ENSMUSG00000058886	0.75610212	2.56080279	0.02746358	0.11088255
ENSMUSG00000078440	0.75589835	2.23278812	0.02813408	0.11270353
ENSMUSG00000028613	0.75578252	5.37650607	0.01519618	0.07058505
ENSMUSG00000020778	0.75564912	2.9774821	0.02375885	0.099928
ENSMUSG00000080268	0.75535497	3.72889486	0.01904113	0.08436299
ENSMUSG00000020381	0.75491939	1.50573619	0.05095939	0.17222166
ENSMUSG00000024462	0.75485474	4.65667524	0.01655576	0.07542767
ENSMUSG00000045826	0.75412877	4.79804681	0.01649522	0.07521542
ENSMUSG00000076731	0.75389007	4.99561922	0.0159078	0.0732728
ENSMUSG00000042363	0.75368192	3.50011574	0.01962182	0.08619214
ENSMUSG00000031146	0.75315977	6.01578793	0.0151983	0.07058505
ENSMUSG00000026480	0.7531181	6.0693909	0.01513814	0.07039658

ENSMUSG0000003623	0.75308447	4.96294054	0.01610765	0.07394162
ENSMUSG0000003458	0.75302447	6.6452507	0.01480045	0.06936466
ENSMUSG00000033949	0.75230059	2.14995151	0.03297677	0.1271439
ENSMUSG00000029386	0.75106064	0.99903009	0.06543	0.20328353
ENSMUSG00000094491	0.75081185	2.47895544	0.03218606	0.12503404
ENSMUSG00000025578	0.75047843	1.03044283	0.05731495	0.18558753
ENSMUSG00000038271	0.75031474	3.26133274	0.02217559	0.09497284
ENSMUSG00000073421	0.74885104	9.83869888	0.01481447	0.06940017
ENSMUSG00000041801	0.74878544	2.91738966	0.02549124	0.10490514
ENSMUSG00000007721	0.74826526	1.39858227	0.05606787	0.18333412
ENSMUSG00000032041	0.74797816	4.36309459	0.01775578	0.07958366
ENSMUSG00000038520	0.7479668	2.94922777	0.02552712	0.10499025
ENSMUSG00000028458	0.74692133	1.95290917	0.03373182	0.12926936
ENSMUSG00000027222	0.74679773	2.01148764	0.03821296	0.14127138
ENSMUSG00000049288	0.74604449	1.33630475	0.04463164	0.15713601
ENSMUSG00000046822	0.74552962	1.71115129	0.04608163	0.16090254
ENSMUSG00000028465	0.74529454	7.64596833	0.01552121	0.07175967
ENSMUSG00000018340	0.74517149	6.72338343	0.01583682	0.07304718
ENSMUSG00000084314	0.74484211	0.96104829	0.06846311	0.20814947
ENSMUSG00000020712	0.74383217	1.32987386	0.05390766	0.1788189
ENSMUSG00000017400	0.74377254	3.31496285	0.02347548	0.09900648
ENSMUSG00000024180	0.74367423	2.48895694	0.02984361	0.11806069
ENSMUSG00000012296	0.74341543	2.92326676	0.02549124	0.10490514
ENSMUSG00000058881	0.74326713	2.72474367	0.02641679	0.1075014
ENSMUSG00000031266	0.74317352	3.58787453	0.02094139	0.0908797
ENSMUSG00000022559	0.74317337	2.50081579	0.03168241	0.12356714
ENSMUSG00000024236	0.74296887	4.63346752	0.01790933	0.08010545
ENSMUSG00000031823	0.74248428	4.05794867	0.019633	0.08620613
ENSMUSG00000032733	0.74219356	2.4522779	0.03059004	0.12021976
ENSMUSG00000041164	0.74204839	5.90073232	0.01674636	0.07613811
ENSMUSG00000024038	0.74144028	4.19170007	0.01990441	0.08722029
ENSMUSG00000028803	0.74112924	4.1368512	0.0196176	0.08619214
ENSMUSG00000022231	0.74046433	0.73107853	0.08034886	0.2314322
ENSMUSG00000073434	0.73849196	3.37955617	0.02281793	0.09703018
ENSMUSG00000095771	0.73812318	6.72559982	0.01681979	0.07634033
ENSMUSG00000074406	0.73786374	0.6914629	0.09922792	0.26511467
ENSMUSG00000060538	0.73753112	2.91688274	0.02748087	0.11091081
ENSMUSG00000020496	0.7374128	6.14494939	0.01729815	0.07811694
ENSMUSG00000038286	0.73721479	2.77314595	0.02765466	0.11132061
ENSMUSG00000029401	0.73720411	5.84035939	0.01761962	0.07927794
ENSMUSG00000063904	0.73683733	5.73121982	0.01769579	0.07954621
ENSMUSG00000022550	0.73632509	1.51493189	0.05636402	0.18407083
ENSMUSG00000029403	0.7359201	1.53958724	0.04478633	0.15757774



ENSMUSG00000015127	0.73559087	4.59163359	0.01932395	0.08526572
ENSMUSG00000028480	0.73517003	5.94034941	0.01773767	0.07958366
ENSMUSG00000030682	0.73468957	5.37117125	0.01841344	0.08205392
ENSMUSG00000010607	0.7346772	0.9632558	0.07485105	0.22088169
ENSMUSG00000040713	0.73453837	4.8180336	0.01918964	0.08477715
ENSMUSG00000004929	0.73431543	3.72489761	0.02336149	0.09871878
ENSMUSG00000039427	0.7342156	3.73620233	0.02252997	0.09595704
ENSMUSG00000057672	0.73379864	5.32787955	0.01865466	0.08302595
ENSMUSG00000037103	0.73366266	4.01196225	0.02118112	0.0915133
ENSMUSG00000022210	0.73364945	4.3043898	0.02047402	0.08917278
ENSMUSG00000094872	0.73328553	5.95281372	0.01791957	0.08011802
ENSMUSG00000006333	0.73321319	8.05009996	0.01721306	0.07783046
ENSMUSG00000038059	0.7327242	3.78377454	0.0220725	0.09464408
ENSMUSG00000019820	0.73229579	4.85145157	0.0190896	0.0845083
ENSMUSG00000024219	0.73186399	2.52721645	0.03090736	0.12115774
ENSMUSG00000038150	0.73178045	3.62684501	0.02320368	0.09822804
ENSMUSG00000028670	0.7312516	3.34543909	0.02504797	0.1038114
ENSMUSG00000059734	0.73101737	4.55865156	0.02096306	0.09089891
ENSMUSG00000023939	0.73062275	1.71305549	0.04200967	0.15088051
ENSMUSG00000030802	0.73061985	4.84137235	0.01997459	0.08743826
ENSMUSG00000094335	0.7303543	6.8847265	0.01786654	0.07998038
ENSMUSG00000026482	0.73002897	3.1273361	0.02706138	0.10975174
ENSMUSG00000026158	0.7296681	5.24871943	0.01917173	0.08475981
ENSMUSG00000079523	0.7294595	6.88921764	0.01808408	0.08068625
ENSMUSG00000063856	0.72932921	5.88647288	0.01884693	0.08367446
ENSMUSG00000092486	0.72925894	3.36771964	0.02434136	0.10146781
ENSMUSG00000002731	0.72911994	2.41320332	0.03138657	0.12267952
ENSMUSG00000025130	0.72869865	9.18794405	0.01773454	0.07958366
ENSMUSG00000002778	0.7286784	5.93919707	0.01876907	0.08343184
ENSMUSG00000029346	0.72865055	2.18590977	0.03829479	0.1414769
ENSMUSG00000025790	0.72856176	4.72529404	0.02042056	0.08897587
ENSMUSG00000024065	0.72746801	4.03485308	0.02237761	0.09557488
ENSMUSG00000052302	0.72746157	4.90600163	0.02032602	0.08870734
ENSMUSG00000024525	0.72712631	2.98499156	0.02839879	0.11355305
ENSMUSG00000070394	0.72688076	4.24118089	0.02202818	0.09449161
ENSMUSG00000060791	0.72637556	5.87957545	0.01917785	0.08475981
ENSMUSG00000006720	0.72617053	1.12224399	0.06787492	0.2070358
ENSMUSG00000025730	0.72586191	2.70950227	0.03111451	0.12179268
ENSMUSG00000096145	0.72551949	2.32351606	0.03815704	0.14115106
ENSMUSG00000007036	0.72536106	2.64904446	0.03191286	0.1241516
ENSMUSG00000024137	0.72526322	2.38254206	0.03867728	0.14230496
ENSMUSG00000049516	0.72522654	6.70436888	0.01881351	0.08356048
ENSMUSG00000022570	0.7251393	3.7380097	0.02420331	0.1010486

ENSMUSG00000031787	0.72507514	2.61790517	0.032669	0.12627329
ENSMUSG00000097715	0.72504705	1.47109553	0.05629822	0.18397278
ENSMUSG00000052534	0.72470984	1.26240376	0.05361809	0.17813232
ENSMUSG00000026663	0.72360433	7.77162234	0.01872994	0.08329224
ENSMUSG00000095497	0.72356863	3.48656858	0.02524701	0.10443564
ENSMUSG00000025381	0.72315215	4.91774838	0.02104404	0.09110356
ENSMUSG00000010047	0.72301188	1.30526628	0.06479537	0.20206863
ENSMUSG00000002372	0.7228323	4.80344917	0.02121383	0.09161792
ENSMUSG00000028672	0.72260675	4.33405273	0.02246657	0.09576263
ENSMUSG00000086513	0.7225786	1.29163627	0.0478744	0.16517178
ENSMUSG00000064030	0.72214259	3.72341586	0.02484308	0.10312078
ENSMUSG00000096472	0.72169158	3.3229056	0.02685601	0.10904188
ENSMUSG00000023206	0.72156649	3.69324762	0.02446073	0.10184731
ENSMUSG00000034868	0.72154693	5.02274915	0.02108774	0.09121949
ENSMUSG00000063897	0.72083885	1.30443947	0.06973086	0.21033782
ENSMUSG00000026426	0.72062648	4.65034594	0.02194057	0.09426576
ENSMUSG00000004667	0.72025418	3.91052104	0.02549148	0.10490514
ENSMUSG00000039483	0.72022108	2.57507604	0.03329611	0.1281085
ENSMUSG00000035027	0.71966088	4.06948982	0.02366294	0.09960231
ENSMUSG00000028822	0.71953464	5.3989766	0.02095521	0.09089891
ENSMUSG00000028164	0.71921714	5.22263996	0.02112191	0.09133065
ENSMUSG00000067714	0.71906243	0.99635945	0.08124659	0.23296018
ENSMUSG00000028969	0.71873429	3.40569399	0.02710328	0.10988035
ENSMUSG00000006095	0.71842692	4.3626887	0.02316129	0.09818056
ENSMUSG00000039637	0.71778656	5.27403359	0.02135046	0.09203441
ENSMUSG00000022193	0.71775173	4.86445683	0.02227642	0.09521558
ENSMUSG00000044937	0.71729718	2.56281558	0.03262066	0.12613164
ENSMUSG00000028158	0.71700533	2.71091411	0.0344583	0.1314747
ENSMUSG00000028439	0.7168347	2.39059223	0.03653629	0.13714145
ENSMUSG00000000290	0.71496468	6.40867291	0.02072527	0.09008519
ENSMUSG00000020964	0.71420054	8.11878027	0.02022841	0.08835285
ENSMUSG00000042492	0.71412593	5.24854653	0.02208751	0.09467078
ENSMUSG00000036529	0.7140891	5.32993617	0.02195153	0.0942753
ENSMUSG00000090946	0.71345204	6.23912143	0.021077	0.09120961
ENSMUSG00000024845	0.71340903	5.70366814	0.02162294	0.0930494
ENSMUSG00000032462	0.7133107	3.02594811	0.0289806	0.11540873
ENSMUSG00000046574	0.71249578	2.15342238	0.04258961	0.15223279
ENSMUSG00000028737	0.71114845	2.83926533	0.03229723	0.12537558
ENSMUSG00000031879	0.71114823	3.02947477	0.03235899	0.12556037
ENSMUSG00000047881	0.71105733	2.99826345	0.03245636	0.12563151
ENSMUSG00000028641	0.71093702	2.66989588	0.03447156	0.1314747
ENSMUSG00000036553	0.71056251	2.1320332	0.04552354	0.15954691
ENSMUSG00000036985	0.71028506	4.37885683	0.02494523	0.10350494

ENSMUSG00000024851	0.7101042	4.60871769	0.02409959	0.10073254
ENSMUSG00000003402	0.70977368	5.70091972	0.02239515	0.09557488
ENSMUSG000000050556	0.70966651	1.39455827	0.06914806	0.20952308
ENSMUSG000000051427	0.70965673	2.28360687	0.04108737	0.14863677
ENSMUSG000000057375	0.70958328	5.13218749	0.0231355	0.09810981
ENSMUSG00000005686	0.70901327	1.90719131	0.04268293	0.15251582
ENSMUSG000000037375	0.70876901	1.29577243	0.05796612	0.1866547
ENSMUSG000000031202	0.70863456	2.23803417	0.03980826	0.1454242
ENSMUSG000000017188	0.70849257	4.11052979	0.02637899	0.10738809
ENSMUSG00000002981	0.70808706	6.66349249	0.02184094	0.09391257
ENSMUSG000000020396	0.707241	4.3183305	0.02548172	0.10490514
ENSMUSG000000021676	0.70706021	3.60145656	0.02822671	0.11299067
ENSMUSG000000078546	0.70698367	2.4097454	0.0383433	0.14160758
ENSMUSG000000024158	0.70678115	2.56077496	0.0370223	0.13814827
ENSMUSG000000025791	0.70665846	4.86736238	0.02405784	0.10059704
ENSMUSG000000042810	0.70558619	2.74147504	0.03767962	0.13992323
ENSMUSG000000005442	0.70554283	4.71089671	0.02515387	0.1041326
ENSMUSG000000032593	0.70500019	1.77436856	0.04789045	0.16517178
ENSMUSG000000054874	0.70477168	3.99660636	0.02713898	0.10990531
ENSMUSG000000059713	0.70474905	4.35027263	0.02597347	0.1060977
ENSMUSG000000031782	0.70466656	4.04816954	0.02714001	0.10990531
ENSMUSG000000036966	0.70451586	3.75705026	0.02905879	0.11559202
ENSMUSG000000037321	0.70387449	7.77135182	0.02219158	0.09497868
ENSMUSG000000031822	0.70361638	4.19122855	0.02648416	0.10769424
ENSMUSG000000023952	0.70341211	5.34909512	0.02391197	0.10030766
ENSMUSG000000048264	0.70285358	3.77070819	0.02784492	0.11179434
ENSMUSG000000026307	0.70161013	4.11174052	0.0272814	0.11039497
ENSMUSG000000027009	0.70145884	7.56433243	0.02264955	0.09642824
ENSMUSG000000055675	0.70125166	3.7681155	0.02784492	0.11179434
ENSMUSG000000025058	0.70122452	5.15494773	0.0246672	0.10250908
ENSMUSG000000079677	0.70110822	3.44583471	0.03070056	0.12048851
ENSMUSG000000022900	0.70102022	2.12674682	0.04050686	0.14732747
ENSMUSG000000034341	0.70086912	5.36886991	0.02448285	0.10189666
ENSMUSG000000036594	0.70046773	10.7972663	0.02250355	0.09588236
ENSMUSG000000038375	0.70033719	4.71283182	0.0257744	0.10560454
ENSMUSG000000050856	0.69996373	5.00630546	0.02548555	0.10490514
ENSMUSG000000031848	0.69926189	3.91721633	0.02894644	0.11531525
ENSMUSG000000029136	0.69924317	2.09229947	0.046375	0.16169027
ENSMUSG000000021809	0.69905645	2.57433882	0.03849821	0.14198518
ENSMUSG000000036986	0.69898718	7.7467202	0.02312691	0.09810981
ENSMUSG000000042558	0.69886675	3.01695038	0.03634804	0.13648232
ENSMUSG000000038241	0.69759001	5.10767051	0.02541513	0.10488967
ENSMUSG000000050721	0.69726263	6.76751645	0.02387358	0.10029323

ENSMUSG00000023094	0.69692322	2.44630911	0.04254795	0.15217163
ENSMUSG00000022841	0.69626709	7.3968627	0.02378568	0.10000184
ENSMUSG00000021484	0.69522671	6.89005209	0.02423988	0.10116211
ENSMUSG00000023904	0.69516622	1.83446458	0.05388285	0.1788189
ENSMUSG00000040570	0.69509151	3.34856451	0.03146083	0.1228807
ENSMUSG00000056214	0.69386385	2.40703059	0.0430256	0.15338448
ENSMUSG00000029551	0.69360001	1.86987276	0.05114901	0.17269598
ENSMUSG00000037679	0.69318649	5.25359939	0.02643757	0.10754535
ENSMUSG00000030790	0.69202729	3.2585811	0.03438444	0.13127884
ENSMUSG00000024792	0.69139791	1.97048867	0.05030698	0.17063717
ENSMUSG00000033857	0.69069758	1.4459939	0.07121124	0.21309275
ENSMUSG00000011832	0.69036504	2.61488863	0.04101844	0.14848702
ENSMUSG00000059555	0.69009127	4.11972257	0.0296748	0.11743596
ENSMUSG00000050930	0.68914067	2.09012073	0.04316355	0.1537238
ENSMUSG00000061286	0.68853088	2.00450195	0.05566163	0.18241079
ENSMUSG00000018899	0.68829165	6.20384451	0.02607169	0.10645033
ENSMUSG00000022769	0.68803578	6.71877849	0.02582592	0.10573529
ENSMUSG00000042182	0.68769849	1.1470679	0.0651331	0.20271151
ENSMUSG00000028337	0.68748008	7.94108795	0.02541183	0.10488967
ENSMUSG00000028073	0.68737271	2.46500216	0.04341153	0.15439602
ENSMUSG00000014444	0.68709807	5.3690352	0.02731204	0.11041356
ENSMUSG00000036534	0.68708636	3.27418196	0.03492693	0.13268407
ENSMUSG00000047777	0.68544698	3.3956544	0.03483149	0.13240141
ENSMUSG00000056290	0.68542815	4.16231852	0.03010671	0.11883996
ENSMUSG00000038991	0.68421539	7.28928126	0.02633021	0.10723
ENSMUSG00000033938	0.68372367	3.27458514	0.03909148	0.14336876
ENSMUSG00000022568	0.68251537	3.97037725	0.03329823	0.1281085
ENSMUSG00000002064	0.68238828	4.63118553	0.03006752	0.11881151
ENSMUSG00000036372	0.68188705	5.89343627	0.02790083	0.11193545
ENSMUSG00000029029	0.68155085	2.99174692	0.04241693	0.15186725
ENSMUSG00000079491	0.68125536	4.45436319	0.03114449	0.12186581
ENSMUSG00000045394	0.68124221	2.07189408	0.04189091	0.15058385
ENSMUSG00000019689	0.68095367	1.61440636	0.06793782	0.2071364
ENSMUSG00000032089	0.68041795	6.53935407	0.0275862	0.11116949
ENSMUSG00000028744	0.68026851	2.34866899	0.0498824	0.16974813
ENSMUSG00000076525	0.68000975	2.17469187	0.05354668	0.17800474
ENSMUSG00000015095	0.67999058	4.11486293	0.03308442	0.12746782
ENSMUSG00000019659	0.67991427	3.65101538	0.03576628	0.13505027
ENSMUSG00000020744	0.67988447	6.89823639	0.02746185	0.11088255
ENSMUSG00000050075	0.67941661	6.3386597	0.02792767	0.11200148
ENSMUSG00000089901	0.679095	1.0392717	0.09441917	0.25764583
ENSMUSG00000031521	0.67909089	3.50133748	0.03608858	0.13593408
ENSMUSG00000022946	0.67864795	3.64525237	0.03447797	0.1314747

ENSMUSG00000037573	0.67814572	3.13461077	0.03909936	0.14336876
ENSMUSG00000027649	0.67791324	5.21570877	0.03008849	0.11881151
ENSMUSG00000037816	0.67747262	3.01841407	0.03941769	0.14433967
ENSMUSG00000097403	0.67690894	0.9347177	0.0893022	0.24775788
ENSMUSG00000002058	0.67685518	3.01040599	0.04092913	0.14821348
ENSMUSG00000027580	0.67655001	8.1948146	0.02773107	0.11151099
ENSMUSG00000098557	0.67615829	6.558602	0.02837483	0.11349933
ENSMUSG00000025429	0.67598218	0.84269182	0.09973448	0.26585318
ENSMUSG00000046598	0.6755469	4.37255786	0.03300951	0.12722465
ENSMUSG00000042303	0.67497759	2.56256524	0.04738884	0.16395292
ENSMUSG00000025823	0.67444126	9.76996281	0.02802082	0.11229155
ENSMUSG00000075701	0.67431615	6.71381941	0.0288976	0.11516324
ENSMUSG00000016933	0.67401843	4.48949068	0.03209043	0.12470745
ENSMUSG00000037949	0.67390805	4.51190311	0.03255974	0.12598645
ENSMUSG00000026858	0.67350702	2.93076504	0.04185504	0.15050508
ENSMUSG00000021234	0.67342992	1.04425749	0.08387971	0.23854399
ENSMUSG00000028830	0.6731773	4.97585653	0.03147563	0.12289399
ENSMUSG00000001029	0.67315914	3.80425417	0.03690021	0.137979
ENSMUSG00000022125	0.67176825	6.82774879	0.02936776	0.11652019
ENSMUSG00000034247	0.67160049	5.34007324	0.03098686	0.12138113
ENSMUSG00000039254	0.6706088	3.60047787	0.0385416	0.14209402
ENSMUSG00000036928	0.6705958	2.15614527	0.04787675	0.16517178
ENSMUSG00000026390	0.67013274	0.75726219	0.06912932	0.20952308
ENSMUSG00000026873	0.67009772	5.20750904	0.03176452	0.12363548
ENSMUSG00000076569	0.66990203	5.88192666	0.03061398	0.12027001
ENSMUSG00000001729	0.66982877	5.98676834	0.03065383	0.1203827
ENSMUSG00000013787	0.6689901	5.44973612	0.03164567	0.12346847
ENSMUSG00000014294	0.66881001	3.67103919	0.03857901	0.14209402
ENSMUSG00000024867	0.66861215	2.26930165	0.05716075	0.18533207
ENSMUSG00000016526	0.66860158	2.45223449	0.04943912	0.16875896
ENSMUSG00000025793	0.66739231	4.07604564	0.03672484	0.13746639
ENSMUSG00000001120	0.66666316	2.27926278	0.05489713	0.18060119
ENSMUSG00000028962	0.66665149	3.76765608	0.03859611	0.14210326
ENSMUSG00000026972	0.6665671	3.78350076	0.03786006	0.14036452
ENSMUSG00000098318	0.66603181	2.77621029	0.0478943	0.16517178
ENSMUSG00000020261	0.66526026	3.77609922	0.03839028	0.14168404
ENSMUSG00000031504	0.66514365	2.05616186	0.06117147	0.19413571
ENSMUSG00000010362	0.66493226	2.6944826	0.0481715	0.16586252
ENSMUSG00000050552	0.66485073	2.22270627	0.05957804	0.19070633
ENSMUSG00000094902	0.66468652	2.71827415	0.04541712	0.15922569
ENSMUSG00000029449	0.6643651	5.58785854	0.03245614	0.12563151
ENSMUSG00000004610	0.66415409	4.14196154	0.03696836	0.13799473
ENSMUSG00000047139	0.66348373	8.96096809	0.03070312	0.12048851

ENSMUSG00000026433	0.66337931	4.02567773	0.03718154	0.13850284
ENSMUSG00000097755	0.66325973	2.44492001	0.05031771	0.17063717
ENSMUSG00000039377	0.66238012	0.76246297	0.12166692	0.30217782
ENSMUSG00000039308	0.66226428	4.34962677	0.0361123	0.13597593
ENSMUSG00000076652	0.6619461	5.21282654	0.03334503	0.12823817
ENSMUSG00000042275	0.66188776	3.17666499	0.04340161	0.15439602
ENSMUSG00000017639	0.66167147	2.23562648	0.05038575	0.17070686
ENSMUSG00000000594	0.66134372	6.72811683	0.03206476	0.12465262
ENSMUSG00000069633	0.66113727	1.01316924	0.09193652	0.2531776
ENSMUSG00000062638	0.66097144	2.13975411	0.0596693	0.19071538
ENSMUSG00000004460	0.66096423	8.4824796	0.03145046	0.1228807
ENSMUSG00000068580	0.65967331	3.22636595	0.04528289	0.1588956
ENSMUSG00000047557	0.65905459	2.75849638	0.0492777	0.16859478
ENSMUSG00000009076	0.65889122	2.07911845	0.06840648	0.20809463
ENSMUSG00000098274	0.65886338	5.18377581	0.03482574	0.13240141
ENSMUSG00000054404	0.65884022	6.99721742	0.03242647	0.12563151
ENSMUSG00000035781	0.65872379	4.31570874	0.03714023	0.13839676
ENSMUSG00000047921	0.65827819	3.3861752	0.04360826	0.15487371
ENSMUSG00000070000	0.65780883	4.68013936	0.03631993	0.13647182
ENSMUSG00000003581	0.65770525	3.3004556	0.04386395	0.15544819
ENSMUSG00000095700	0.65758658	4.39614027	0.0362432	0.13623099
ENSMUSG00000040952	0.65747951	7.38534083	0.03273443	0.12643555
ENSMUSG00000030400	0.65738026	3.85984867	0.0398259	0.14543938
ENSMUSG00000068328	0.65545157	5.94468993	0.03437342	0.13127884
ENSMUSG00000078695	0.65507157	3.35388005	0.04382871	0.15537435
ENSMUSG00000024018	0.65436857	3.45347256	0.04415326	0.15599781
ENSMUSG00000006215	0.65404311	2.98780737	0.04707966	0.16324985
ENSMUSG00000030695	0.6537399	8.27338167	0.03341652	0.12833465
ENSMUSG00000029547	0.65310988	3.87311648	0.04238389	0.15179934
ENSMUSG00000069893	0.65305667	3.94806817	0.04068398	0.14772259
ENSMUSG00000026047	0.65230729	4.22510129	0.03995792	0.1457241
ENSMUSG00000000823	0.65229078	5.10965234	0.03677858	0.13757205
ENSMUSG00000022856	0.65118984	2.80626073	0.05096062	0.17222166
ENSMUSG00000020776	0.65114947	3.43499637	0.04397686	0.15560886
ENSMUSG00000043289	0.65101105	0.88048481	0.09856082	0.2645296
ENSMUSG00000087150	0.65094164	2.60408357	0.05098091	0.17223626
ENSMUSG00000024121	0.64995278	5.79722047	0.036201	0.13616728
ENSMUSG00000032120	0.64992405	2.68208887	0.05630864	0.18397278
ENSMUSG00000025575	0.64971652	4.87859953	0.03806739	0.14092643
ENSMUSG00000022912	0.6495204	3.56548754	0.044595	0.15710961
ENSMUSG00000041354	0.64923956	3.23652014	0.04689757	0.16290199
ENSMUSG00000018167	0.64901122	3.40237526	0.04645924	0.16193162
ENSMUSG00000041037	0.6485125	4.79162938	0.03837835	0.14168404

ENSMUSG00000025277	0.64816147	3.38017744	0.0467962	0.16268542
ENSMUSG00000029465	0.64783788	7.09956842	0.03551035	0.13427196
ENSMUSG00000049086	0.64770429	1.30956701	0.08606319	0.24245178
ENSMUSG00000032594	0.64750458	5.94573597	0.03662376	0.13731706
ENSMUSG00000041161	0.64674073	1.42249793	0.10172002	0.26938819
ENSMUSG00000033379	0.64645832	5.5716755	0.0375879	0.13963069
ENSMUSG00000007038	0.64623829	4.50267306	0.04044589	0.14724832
ENSMUSG00000026509	0.64428798	5.6521279	0.03780538	0.14029359
ENSMUSG00000037706	0.64427641	6.3963745	0.03696407	0.13799473
ENSMUSG00000024847	0.64399219	3.63581892	0.04700297	0.16308881
ENSMUSG00000028460	0.643966	1.30804344	0.10196525	0.26972713
ENSMUSG00000018861	0.64266189	1.65263026	0.08528771	0.2411305
ENSMUSG00000024561	0.64235464	5.53135681	0.03876663	0.1424439
ENSMUSG00000019054	0.64222011	4.59636148	0.04131138	0.14924687
ENSMUSG00000040365	0.64184635	4.13511858	0.04311958	0.15361794
ENSMUSG00000003814	0.64091981	11.3107756	0.03664807	0.13732202
ENSMUSG00000001105	0.64048392	4.24371989	0.04297946	0.1533721
ENSMUSG00000024354	0.63934479	1.45314493	0.0734816	0.21799877
ENSMUSG00000043439	0.63929924	2.90945926	0.0556464	0.18241079
ENSMUSG00000035382	0.63920059	4.69552963	0.04236106	0.15179934
ENSMUSG00000022500	0.63884899	5.07544342	0.04089089	0.14821348
ENSMUSG00000032606	0.63872248	3.29791579	0.05037203	0.17070686
ENSMUSG00000029033	0.63872044	3.2232377	0.05173898	0.17376303
ENSMUSG00000097906	0.63830458	1.24809675	0.09698896	0.26141689
ENSMUSG00000002103	0.63827289	2.98280396	0.05430446	0.17941768
ENSMUSG00000055041	0.63779596	2.20607607	0.07030826	0.21137559
ENSMUSG00000002763	0.6376952	2.89449682	0.0571567	0.18533207
ENSMUSG00000068290	0.63706217	4.41235095	0.04361568	0.15487371
ENSMUSG00000005142	0.63697869	6.27576498	0.039283	0.14394424
ENSMUSG00000024381	0.63685619	5.95347869	0.03969561	0.14514896
ENSMUSG00000004788	0.63680229	4.89515048	0.0423759	0.15179934
ENSMUSG00000079553	0.63676573	3.93776793	0.04732371	0.16388531
ENSMUSG00000042046	0.63597744	3.8142431	0.04660565	0.1623283
ENSMUSG00000034994	0.6359546	10.3151564	0.03816733	0.14115106
ENSMUSG00000028684	0.63568958	3.67991685	0.04925241	0.16856171
ENSMUSG00000076589	0.63564729	1.75950414	0.09216308	0.25334863
ENSMUSG00000039763	0.63562116	1.44862655	0.08085968	0.2322717
ENSMUSG00000013076	0.63426215	1.81600515	0.07608447	0.22306197
ENSMUSG00000034035	0.63413502	2.23156704	0.06593525	0.20397181
ENSMUSG00000035585	0.63410463	1.50869821	0.09633503	0.26025491
ENSMUSG00000001424	0.63390846	7.68704237	0.03928166	0.14394424
ENSMUSG00000021482	0.63382731	3.2611814	0.05299089	0.17659263
ENSMUSG00000016495	0.63361632	5.86534177	0.04077294	0.14794595

ENSMUSG00000023707	0.63353345	2.27637316	0.0657353	0.20376244
ENSMUSG00000028917	0.63343812	3.24880648	0.05125391	0.17288776
ENSMUSG00000024579	0.63312685	2.31598979	0.06939579	0.20989911
ENSMUSG00000026820	0.6313876	2.18007419	0.07656987	0.22404193
ENSMUSG00000031156	0.63132943	3.83463736	0.04884597	0.1674364
ENSMUSG00000054723	0.63043035	2.37363462	0.06518124	0.20280278
ENSMUSG00000032562	0.62986011	7.7299777	0.04054771	0.14742632
ENSMUSG00000031166	0.62980351	4.42116571	0.04571324	0.15995183
ENSMUSG00000020198	0.62978715	6.34496411	0.04150069	0.14971174
ENSMUSG00000038000	0.62953166	3.95868687	0.04809189	0.16569422
ENSMUSG00000030082	0.62940465	8.40378772	0.04044418	0.14724832
ENSMUSG00000002812	0.62916416	6.33489462	0.04169438	0.15017775
ENSMUSG00000019470	0.6284681	4.81254919	0.04504019	0.15826438
ENSMUSG00000097709	0.62816839	1.45207344	0.09457265	0.25780371
ENSMUSG00000035849	0.62815334	3.69177137	0.05010975	0.17030681
ENSMUSG00000041439	0.62768732	4.20645913	0.04738267	0.16395292
ENSMUSG00000025188	0.62712165	3.08132313	0.05779581	0.18637397
ENSMUSG00000022761	0.62712016	4.80361019	0.04558259	0.15959828
ENSMUSG00000027951	0.62593123	7.83132638	0.04171419	0.15019895
ENSMUSG00000036748	0.62580098	4.03589807	0.04975245	0.16946632
ENSMUSG00000039774	0.6251846	3.52672412	0.05307921	0.17677771
ENSMUSG00000046658	0.62467894	1.11343881	0.10456715	0.27462676
ENSMUSG00000035674	0.62401816	4.74994151	0.04732262	0.16388531
ENSMUSG00000032932	0.62374697	6.64788034	0.04302423	0.15338448
ENSMUSG00000028923	0.62372405	4.99398444	0.04608939	0.16090254
ENSMUSG00000021094	0.62359383	3.76004109	0.05116582	0.17269864
ENSMUSG00000033233	0.6232978	1.46311723	0.08875313	0.2467424
ENSMUSG00000008318	0.62274404	3.42565359	0.05437034	0.17958031
ENSMUSG00000004565	0.62249933	4.08669944	0.05058353	0.17132311
ENSMUSG00000034889	0.62225313	3.6271657	0.05284602	0.17632781
ENSMUSG00000001128	0.62222736	5.37240751	0.04588373	0.16039226
ENSMUSG00000003531	0.62176081	2.48073124	0.06923796	0.20973658
ENSMUSG00000021313	0.62175772	4.59881135	0.04829788	0.16613124
ENSMUSG00000003559	0.62146013	4.11178318	0.05038069	0.17070686
ENSMUSG00000022015	0.62142796	2.13117988	0.08042096	0.23151619
ENSMUSG00000002668	0.62121892	4.04415839	0.05205102	0.17449317
ENSMUSG00000036775	0.62089708	3.76593396	0.05118715	0.17271658
ENSMUSG00000034006	0.62076786	1.80189423	0.08891839	0.24688361
ENSMUSG00000002307	0.62063556	5.68156766	0.04557088	0.15959828
ENSMUSG00000040824	0.62051786	5.57000518	0.04586894	0.16039226
ENSMUSG00000029560	0.62051678	4.86427966	0.04780917	0.16508936
ENSMUSG00000036561	0.62033324	3.31148024	0.05646941	0.18407083
ENSMUSG00000059842	0.62023747	1.46739125	0.11285554	0.28791913



ENSMUSG00000023143	0.62014774	2.93998611	0.06336759	0.19910187
ENSMUSG00000018395	0.62005297	3.06595221	0.06134026	0.19445067
ENSMUSG00000029413	0.61997026	4.0851412	0.05153073	0.17333356
ENSMUSG00000003444	0.61995312	2.80502069	0.06674385	0.20507955
ENSMUSG00000039501	0.61987305	6.46992998	0.04462305	0.15713601
ENSMUSG00000028538	0.61968383	2.2742746	0.07673305	0.2243126
ENSMUSG00000026966	0.61934756	3.99044993	0.0515539	0.17335744
ENSMUSG00000036333	0.61931392	6.87543371	0.04439877	0.15652725
ENSMUSG00000033088	0.61895936	3.64437987	0.05466107	0.18018931
ENSMUSG00000047090	0.61864137	2.5397742	0.06649522	0.20488128
ENSMUSG00000051735	0.61835918	3.76642822	0.05398242	0.17895678
ENSMUSG00000002257	0.61790388	4.26537052	0.051504	0.17329769
ENSMUSG00000022452	0.61780437	4.41924923	0.05071327	0.1716634
ENSMUSG00000032187	0.61750012	6.92960244	0.04506529	0.15830102
ENSMUSG00000016757	0.61717497	4.98924185	0.04840422	0.16618629
ENSMUSG00000041220	0.61699802	4.65901398	0.05005203	0.17016429
ENSMUSG00000019738	0.61670723	2.42808511	0.07095858	0.21268607
ENSMUSG00000045103	0.61668181	1.70728279	0.08175892	0.23411426
ENSMUSG00000015217	0.61648148	5.16260902	0.048079	0.16569422
ENSMUSG00000022561	0.61606968	3.29782576	0.05944239	0.19038241
ENSMUSG00000029456	0.61537881	1.33892402	0.11849308	0.29723874
ENSMUSG00000006398	0.61530617	6.59166966	0.04614839	0.16105638
ENSMUSG00000072294	0.61528548	1.35318071	0.10381925	0.27329249
ENSMUSG00000039382	0.61524718	2.68977774	0.06755863	0.20644722
ENSMUSG00000042642	0.61503552	3.56202391	0.05746341	0.18570136
ENSMUSG00000032370	0.61491372	4.85142748	0.04960982	0.16919428
ENSMUSG00000027496	0.61482196	6.34628497	0.04663326	0.1623283
ENSMUSG00000042524	0.61478498	5.29587122	0.04832864	0.16613124
ENSMUSG00000032575	0.61471272	8.78816883	0.04522239	0.15880112
ENSMUSG00000002345	0.61457767	2.51515963	0.07611907	0.22306197
ENSMUSG00000036882	0.61439592	2.27268173	0.0797641	0.23048661
ENSMUSG00000087582	0.61436946	2.78199092	0.06320763	0.19890021
ENSMUSG00000027490	0.6141674	4.14915387	0.05389417	0.1788189
ENSMUSG00000000282	0.61388104	3.0059021	0.06465299	0.20174128
ENSMUSG00000075705	0.612868	3.92416347	0.05571704	0.18246356
ENSMUSG00000047959	0.61249424	2.80159752	0.06674385	0.20507955
ENSMUSG00000028931	0.61197531	5.34934006	0.04945088	0.16875896
ENSMUSG00000032261	0.61181311	2.78776367	0.06682856	0.20526322
ENSMUSG00000038564	0.61091293	3.44126448	0.05916727	0.18970206
ENSMUSG00000025868	0.60992068	3.69699085	0.05737656	0.18558753
ENSMUSG00000028454	0.60938696	3.91791145	0.05647599	0.18407083
ENSMUSG00000013822	0.60933528	4.76785839	0.05246132	0.17547856
ENSMUSG00000026421	0.60871125	6.39946549	0.04866678	0.16692828

ENSMUSG00000020133	0.60869992	2.92732313	0.0693715	0.20989911
ENSMUSG00000014905	0.60844642	5.76991144	0.04933673	0.16874318
ENSMUSG00000020287	0.60798839	3.37107533	0.06104304	0.19389932
ENSMUSG00000020520	0.60794662	3.35437323	0.06353389	0.19946127
ENSMUSG00000035203	0.60704713	5.03221354	0.05224204	0.1750709
ENSMUSG00000096594	0.60587757	4.92231038	0.05293338	0.17652604
ENSMUSG00000000959	0.60579686	5.15684144	0.0523111	0.17519344
ENSMUSG00000031668	0.60564958	6.42413256	0.04969324	0.16937163
ENSMUSG00000022221	0.60552084	5.31567147	0.05176621	0.17380039
ENSMUSG00000025648	0.60479704	2.33200234	0.08028033	0.23129658
ENSMUSG00000000378	0.60461617	4.65439088	0.05482357	0.18041422
ENSMUSG00000044244	0.60360035	1.56708835	0.09719067	0.26182966
ENSMUSG00000034449	0.60325838	3.57281819	0.06201041	0.19633596
ENSMUSG00000032294	0.60298333	9.12002547	0.0494192	0.16875896
ENSMUSG00000058818	0.60193843	3.20705928	0.065636	0.20357165
ENSMUSG00000035270	0.60180224	1.79771236	0.090943	0.25131211
ENSMUSG00000095863	0.60175046	0.83957742	0.13536762	0.32097723
ENSMUSG00000059851	0.60164585	3.54856736	0.06264458	0.19765944
ENSMUSG00000019971	0.6016088	5.19813826	0.05336173	0.17749934
ENSMUSG00000052248	0.60145797	2.07896444	0.08837048	0.2459322
ENSMUSG00000022442	0.60117854	2.12493404	0.0823089	0.23542307
ENSMUSG00000021065	0.6010421	6.45603369	0.0514094	0.17314147
ENSMUSG00000004994	0.60081454	2.33860019	0.0816343	0.23394746
ENSMUSG00000032380	0.59892189	3.42530542	0.06495197	0.20233037
ENSMUSG00000042462	0.59877998	3.45486213	0.0665832	0.20503518
ENSMUSG00000027309	0.59871099	3.4935031	0.06287091	0.19818763
ENSMUSG00000073436	0.59855682	3.94296398	0.06033879	0.1922285
ENSMUSG00000076674	0.59821281	3.52816767	0.06217994	0.19664737
ENSMUSG00000061119	0.59811489	5.51295193	0.05411746	0.17917999
ENSMUSG00000021947	0.59799723	3.15440817	0.07126297	0.21317611
ENSMUSG00000002320	0.59736021	5.6302385	0.05420365	0.17924937
ENSMUSG00000026202	0.59734109	6.6705036	0.05281936	0.17629341
ENSMUSG00000020048	0.59712228	12.4162054	0.05139429	0.17314147
ENSMUSG00000026489	0.59596516	3.86015916	0.06402347	0.20047302
ENSMUSG00000034863	0.59592669	1.59267151	0.10813547	0.28065774
ENSMUSG00000040848	0.59557839	6.84083244	0.05319329	0.17704829
ENSMUSG00000030611	0.59548877	2.89896874	0.07521008	0.22154206
ENSMUSG00000055447	0.5946384	8.6013206	0.05269044	0.17608108
ENSMUSG00000026269	0.59453618	3.90036587	0.0633932	0.19910187
ENSMUSG00000038578	0.59391925	5.66832514	0.05542246	0.18188551
ENSMUSG00000008398	0.59334683	5.47378341	0.05579948	0.18267808
ENSMUSG00000006281	0.59324894	5.33731236	0.05638265	0.18407083
ENSMUSG00000040659	0.59321409	5.22711997	0.05702846	0.18507218

ENSMUSG00000032312	0.59313228	6.87330018	0.0542931	0.17941768
ENSMUSG00000036644	0.59296905	4.61697319	0.0586046	0.18831705
ENSMUSG00000021978	0.59282455	5.26980326	0.0569202	0.18493827
ENSMUSG00000045441	0.59270337	0.69957259	0.14949193	0.34133411
ENSMUSG00000011256	0.59248167	7.25724794	0.05419709	0.17924937
ENSMUSG00000038497	0.59240372	2.73874773	0.07969952	0.23048528
ENSMUSG00000063952	0.59235374	4.47069389	0.05994507	0.19127321
ENSMUSG00000042312	0.59212718	4.113229	0.06240023	0.19716497
ENSMUSG00000035227	0.59207555	7.97824077	0.05395141	0.17890899
ENSMUSG00000062031	0.59198417	1.8425671	0.10413414	0.27383141
ENSMUSG00000028334	0.59185501	5.81482411	0.05631437	0.18397278
ENSMUSG00000006418	0.59185293	6.76247671	0.0548082	0.18041422
ENSMUSG00000021957	0.5908803	7.05594049	0.05503802	0.1808672
ENSMUSG00000011382	0.59034351	3.66704294	0.06667619	0.20507955
ENSMUSG00000076512	0.58957481	1.68179108	0.10746138	0.27991872
ENSMUSG00000031812	0.58933236	5.3418989	0.05830898	0.18753476
ENSMUSG00000018474	0.58892205	6.94037151	0.05583236	0.18273024
ENSMUSG00000025145	0.58865037	2.40925334	0.08772602	0.24477036
ENSMUSG00000039814	0.58864911	1.81741385	0.10500365	0.27526405
ENSMUSG00000099375	0.58855246	2.47578612	0.08596014	0.24232866
ENSMUSG00000062908	0.58792725	6.31795623	0.05693574	0.18493827
ENSMUSG00000042121	0.5876845	4.62058122	0.06108768	0.19398398
ENSMUSG00000046562	0.58740386	4.74888133	0.06111668	0.19401891
ENSMUSG00000002546	0.58678226	5.57758858	0.05882022	0.18878489
ENSMUSG00000042569	0.58676932	3.73729281	0.06817351	0.20771094
ENSMUSG00000038831	0.58663816	3.3681248	0.07041937	0.21152659
ENSMUSG00000028973	0.58644578	3.70391627	0.07057058	0.21180995
ENSMUSG00000043964	0.58641847	4.45258877	0.062547	0.19745516
ENSMUSG00000022498	0.58627283	6.4902674	0.05741177	0.18564573
ENSMUSG00000043885	0.58561265	5.29506444	0.05942249	0.19037794
ENSMUSG00000056698	0.58553132	3.03879078	0.07596397	0.22303169
ENSMUSG00000030741	0.58470218	3.28559932	0.07421996	0.21964547
ENSMUSG00000030315	0.58438601	3.86302532	0.0680624	0.20745758
ENSMUSG00000030835	0.58437569	6.92044166	0.05789464	0.18653593
ENSMUSG00000015013	0.58422916	4.22141237	0.06609782	0.20406494
ENSMUSG00000023908	0.58361362	2.38922196	0.0945448	0.25780371
ENSMUSG00000023051	0.58305212	4.43780147	0.06559744	0.20357165
ENSMUSG00000040712	0.58294263	3.78279949	0.0702775	0.21134204
ENSMUSG00000027952	0.58224859	3.76047983	0.07101954	0.21276974
ENSMUSG00000039316	0.58222369	7.13701834	0.05857365	0.18827368
ENSMUSG00000073411	0.5820788	8.96813581	0.05781567	0.18637397
ENSMUSG00000022560	0.58178559	2.17886211	0.1029443	0.27167191
ENSMUSG00000047098	0.58153181	4.17911148	0.06788563	0.2070358

ENSMUSG00000073633	0.58140084	0.88745023	0.14914309	0.34109297
ENSMUSG00000041308	0.58110809	2.3809073	0.08369981	0.23828374
ENSMUSG00000033253	0.58088097	4.38931944	0.06561976	0.20357165
ENSMUSG00000038070	0.58068601	4.55422805	0.06455861	0.20156342
ENSMUSG00000038976	0.58060302	4.27273342	0.06608671	0.20406494
ENSMUSG00000029599	0.58049156	5.51294153	0.06182249	0.19585599
ENSMUSG00000045211	0.57956816	2.36714816	0.09647289	0.26035125
ENSMUSG00000007603	0.57954178	2.58029433	0.09202043	0.25326485
ENSMUSG00000060860	0.5793944	6.53797974	0.06039436	0.19233925
ENSMUSG00000043987	0.57929786	3.70797071	0.07157993	0.21375092
ENSMUSG00000040054	0.57778829	7.53703581	0.06013726	0.19169974
ENSMUSG00000031805	0.57750723	4.31342689	0.06749224	0.2063028
ENSMUSG00000094087	0.57696624	1.73881928	0.11710197	0.29491536
ENSMUSG00000034254	0.57689024	4.17518584	0.06981571	0.21036396
ENSMUSG00000018661	0.57684764	4.03175069	0.07045656	0.21152659
ENSMUSG00000020472	0.57614394	4.5123086	0.06713792	0.20574461
ENSMUSG00000059323	0.57552776	5.45820464	0.0643946	0.20116783
ENSMUSG00000028032	0.57548734	4.09754783	0.06978753	0.21033782
ENSMUSG00000022791	0.57511373	3.20899357	0.0817386	0.23411426
ENSMUSG00000053128	0.57504449	4.89020788	0.06602393	0.20402268
ENSMUSG00000032898	0.57485139	4.31045863	0.06887381	0.20902771
ENSMUSG00000001229	0.57474679	4.80222397	0.06672974	0.20507955
ENSMUSG00000030688	0.57427746	1.18019127	0.15468238	0.34890081
ENSMUSG00000018677	0.57420687	4.11719699	0.07121534	0.21309275
ENSMUSG00000031862	0.57417706	5.61882177	0.06451701	0.20149186
ENSMUSG00000041939	0.57401944	1.76113828	0.12440513	0.30567468
ENSMUSG00000052040	0.5739352	6.2276884	0.06318111	0.19887481
ENSMUSG00000023175	0.57377158	7.04224644	0.06244692	0.1972547
ENSMUSG00000040687	0.5731887	6.18777726	0.0636231	0.1996251
ENSMUSG00000030161	0.57284415	4.78273883	0.06737294	0.20608903
ENSMUSG00000021286	0.57269916	1.92872822	0.11279962	0.28786902
ENSMUSG00000021819	0.57246258	4.52534543	0.06940841	0.20989911
ENSMUSG00000030839	0.57228304	2.58355159	0.09325737	0.25563994
ENSMUSG00000030104	0.57204387	9.06583419	0.0621682	0.19664737
ENSMUSG00000036046	0.57203654	5.35755231	0.06586042	0.20392655
ENSMUSG00000024854	0.57200807	4.0811695	0.07245072	0.21526301
ENSMUSG00000027332	0.57077763	5.46052119	0.06645481	0.20487383
ENSMUSG00000068036	0.5707626	3.11499772	0.07826017	0.22760456
ENSMUSG00000075600	0.57036482	0.87515495	0.17091365	0.37189928
ENSMUSG00000041481	0.57017919	7.13587228	0.06387016	0.20017643
ENSMUSG00000041740	0.57014033	7.24671467	0.06388193	0.20017643
ENSMUSG00000036526	0.56974388	5.69084319	0.06652541	0.20491573
ENSMUSG00000027502	0.56940917	5.28626968	0.06770271	0.20682889

ENSMUSG00000039982	0.56927679	4.08351987	0.07239059	0.21523576
ENSMUSG00000033335	0.56915447	6.25452366	0.06541618	0.20328353
ENSMUSG00000003762	0.56858361	2.46830271	0.09816908	0.26374074
ENSMUSG00000035064	0.5683606	3.64933704	0.07684447	0.22445579
ENSMUSG00000031887	0.56808996	2.429627	0.09639711	0.26027702
ENSMUSG00000004937	0.56776541	4.66993953	0.07025081	0.21132072
ENSMUSG00000001054	0.56772663	3.90071314	0.07525493	0.22161365
ENSMUSG00000067274	0.56755096	9.08117256	0.06428463	0.2009407
ENSMUSG00000062785	0.56706025	1.32259746	0.15352258	0.34693786
ENSMUSG00000020232	0.56700481	2.78495419	0.09515076	0.25869282
ENSMUSG00000072919	0.56598296	2.65780788	0.09368477	0.25635538
ENSMUSG00000013539	0.56510547	3.18289327	0.08562736	0.24166591
ENSMUSG00000017707	0.56490826	10.852119	0.0652771	0.20304247
ENSMUSG00000028602	0.56489789	6.80707069	0.06671499	0.20507955
ENSMUSG00000047547	0.56468003	4.00235381	0.07567284	0.22254046
ENSMUSG00000022906	0.56442957	8.14363272	0.06598716	0.20401534
ENSMUSG00000027394	0.56401611	2.66905999	0.09604666	0.26017764
ENSMUSG00000030533	0.56369039	3.93077095	0.07975724	0.23048661
ENSMUSG00000046792	0.56364489	1.23913308	0.13587163	0.32174785
ENSMUSG00000030830	0.56321862	8.55277986	0.06644045	0.20487383
ENSMUSG00000019428	0.5630546	4.99461559	0.07184957	0.2142178
ENSMUSG00000021384	0.56238439	1.82081335	0.11820932	0.29666496
ENSMUSG00000026270	0.56211029	2.32851858	0.10322185	0.27216246
ENSMUSG00000059970	0.56208405	1.36486575	0.14500522	0.33506242
ENSMUSG00000027950	0.56201657	1.30948982	0.12007724	0.29960967
ENSMUSG00000001482	0.56200942	4.5798293	0.07420855	0.21964547
ENSMUSG00000075419	0.56183987	3.33862729	0.08382782	0.23846792
ENSMUSG00000066877	0.56161165	2.38916673	0.10083628	0.26763928
ENSMUSG00000073600	0.56129728	1.64510517	0.13038004	0.31447514
ENSMUSG00000079450	0.56128647	1.7622575	0.12066497	0.30072821
ENSMUSG00000038421	0.56045096	4.60895882	0.07410991	0.21950048
ENSMUSG00000045438	0.55935521	3.64441171	0.08177934	0.23411426
ENSMUSG00000047675	0.55919798	8.12269564	0.0686461	0.20864699
ENSMUSG00000021013	0.55851107	1.89347076	0.10958163	0.28298091
ENSMUSG00000005951	0.55838972	1.56794518	0.12818185	0.31126168
ENSMUSG00000027551	0.5581856	2.67197653	0.10176479	0.26944059
ENSMUSG00000049608	0.55789311	4.30576723	0.07800788	0.22699324
ENSMUSG00000026547	0.5578367	7.67030731	0.06948318	0.21004402
ENSMUSG00000037217	0.55776806	2.03427688	0.10823952	0.28086019
ENSMUSG00000008348	0.55775855	6.3414406	0.07088093	0.21262306
ENSMUSG00000072082	0.5571663	6.16016333	0.07154379	0.21371974
ENSMUSG00000035845	0.55680259	4.12302022	0.08040049	0.23151619
ENSMUSG00000020476	0.55651279	6.09929712	0.07202301	0.21449768

ENSMUSG00000043602	0.55638631	1.89858068	0.11917892	0.29826536
ENSMUSG00000043323	0.55587701	1.97734978	0.11592022	0.29324035
ENSMUSG00000031818	0.55575658	6.7249911	0.07145394	0.21356965
ENSMUSG00000052934	0.55560565	2.02863222	0.12097393	0.30108075
ENSMUSG00000023505	0.55557093	6.64218514	0.0715263	0.21371974
ENSMUSG00000032553	0.55485926	5.03450475	0.07580437	0.22281873
ENSMUSG00000058586	0.55481605	4.43554348	0.0790862	0.22926493
ENSMUSG00000002031	0.55449713	4.01726788	0.08247506	0.23573047
ENSMUSG00000030397	0.55448054	2.47488365	0.10285365	0.27159005
ENSMUSG00000060519	0.55415385	6.770043	0.07210662	0.21450973
ENSMUSG00000059518	0.5536458	2.25475505	0.11578794	0.29311202
ENSMUSG00000040857	0.55299941	0.82767304	0.20138236	0.41121735
ENSMUSG00000038642	0.55273418	8.57707197	0.0716359	0.21381719
ENSMUSG00000011877	0.5524318	3.8840988	0.08433992	0.23947386
ENSMUSG00000005107	0.55153422	2.90987175	0.0970594	0.26154137
ENSMUSG00000050846	0.55147757	2.80702404	0.10065234	0.26734849
ENSMUSG00000029577	0.5513701	5.37348267	0.07642854	0.223908
ENSMUSG00000024079	0.55109408	8.01282327	0.0726118	0.21565564
ENSMUSG00000038836	0.55095288	2.13173068	0.10864758	0.28145921
ENSMUSG00000005043	0.55074302	2.49160511	0.1119842	0.28650952
ENSMUSG00000035891	0.55070966	5.5256271	0.07607869	0.22306197
ENSMUSG00000055745	0.55062236	3.60344924	0.0872463	0.24399441
ENSMUSG00000049932	0.55046649	4.20258874	0.08365658	0.23822355
ENSMUSG00000074738	0.55045021	1.20773569	0.17368874	0.37579354
ENSMUSG00000020289	0.5502962	3.91919483	0.08407701	0.23904205
ENSMUSG00000025422	0.55005804	3.55795803	0.08768073	0.24470729
ENSMUSG00000021504	0.55002984	2.61178012	0.09949588	0.26547767
ENSMUSG00000052456	0.54999787	5.02952093	0.07862094	0.22840737
ENSMUSG00000020455	0.54998698	4.49334145	0.08080717	0.23225601
ENSMUSG00000031807	0.54986556	3.6233209	0.09009566	0.24938183
ENSMUSG00000001036	0.54985116	1.44277501	0.14367054	0.33304883
ENSMUSG00000049760	0.54908022	3.96698277	0.08510535	0.24094936
ENSMUSG00000020329	0.54832221	2.36476956	0.11650874	0.2939018
ENSMUSG00000062006	0.54831309	7.8235485	0.0743173	0.21987318
ENSMUSG00000020536	0.54809131	3.57548782	0.09145134	0.25218189
ENSMUSG00000045257	0.54803634	1.48639347	0.13342224	0.31821601
ENSMUSG00000047417	0.54772253	3.84988042	0.08795412	0.24520181
ENSMUSG00000028857	0.54766913	3.92811408	0.08599701	0.24232866
ENSMUSG00000024013	0.5471483	5.66833952	0.07792677	0.22687966
ENSMUSG00000041571	0.5470241	6.2382973	0.0766083	0.2240694
ENSMUSG00000049401	0.54685418	6.093995	0.07705457	0.22482587
ENSMUSG00000042700	0.5462926	5.83071523	0.07763596	0.22633851
ENSMUSG00000001517	0.54609816	6.03690255	0.07740575	0.22577332

ENSMUSG0000006019	0.54593786	1.8346441	0.12880594	0.31186423
ENSMUSG00000024423	0.54565158	6.03473661	0.07742116	0.22577332
ENSMUSG00000036636	0.5454488	4.96607695	0.08083415	0.23227166
ENSMUSG00000032306	0.54486601	4.4036494	0.08447559	0.23973284
ENSMUSG00000026810	0.54460746	4.34553544	0.08542829	0.24135734
ENSMUSG0000002308	0.54439189	3.26072801	0.09603367	0.26017764
ENSMUSG00000040415	0.54407955	4.13342198	0.08702669	0.24363859
ENSMUSG00000030987	0.54395237	5.39899927	0.0802759	0.23129658
ENSMUSG00000005949	0.54391353	3.98003872	0.08731217	0.24399441
ENSMUSG00000025138	0.54373482	4.5660187	0.08412061	0.2390528
ENSMUSG00000038712	0.54372119	4.18482793	0.08669348	0.24334594
ENSMUSG00000021486	0.5435668	6.5919559	0.07796654	0.22693419
ENSMUSG00000029060	0.54330637	1.37249231	0.16764491	0.36745584
ENSMUSG00000024875	0.54286094	3.550164	0.09357101	0.2561741
ENSMUSG00000045665	0.5425644	3.73915135	0.09275843	0.25470036
ENSMUSG00000036613	0.54222082	3.55201329	0.09206562	0.25326485
ENSMUSG00000031012	0.5420518	2.77421343	0.10313424	0.27200218
ENSMUSG00000021884	0.54197107	3.05753515	0.09673011	0.26084958
ENSMUSG00000022639	0.54118136	3.62558031	0.09131033	0.25209693
ENSMUSG00000032330	0.54061777	6.53071915	0.07954944	0.23011296
ENSMUSG00000023873	0.54010605	1.43766579	0.1524556	0.34561303
ENSMUSG00000022831	0.5397362	8.19063693	0.07869526	0.22850019
ENSMUSG00000034255	0.53966472	4.18798202	0.08938452	0.24785874
ENSMUSG00000032763	0.53963946	3.42235324	0.10014776	0.26641213
ENSMUSG00000027378	0.53933278	2.35084324	0.12479041	0.30628842
ENSMUSG00000029461	0.53875182	4.7629346	0.08474086	0.24016964
ENSMUSG00000019969	0.53805793	6.51535563	0.08098691	0.23251483
ENSMUSG00000028518	0.53794458	1.6247301	0.14216245	0.33069023
ENSMUSG00000053411	0.53781088	4.69524894	0.08669751	0.24334594
ENSMUSG00000025410	0.53772611	5.65344852	0.08315322	0.23710321
ENSMUSG00000028467	0.53706587	3.98735787	0.09360916	0.2562135
ENSMUSG00000044948	0.53700261	4.25753895	0.09019927	0.24960455
ENSMUSG00000051864	0.53636926	4.10662053	0.09208563	0.25326485
ENSMUSG00000008393	0.53558469	4.91322065	0.08659648	0.24325514
ENSMUSG00000070639	0.53554519	2.96787619	0.10683892	0.27870124
ENSMUSG00000087543	0.53438428	1.39014919	0.14834556	0.33994019
ENSMUSG00000020736	0.53423112	3.93354086	0.09531723	0.25891712
ENSMUSG00000067586	0.53419619	5.99571609	0.0841321	0.2390528
ENSMUSG00000046879	0.53409099	8.28747474	0.08174874	0.23411426
ENSMUSG00000031851	0.53389254	3.12906438	0.10479702	0.27503797
ENSMUSG00000040339	0.53374265	4.79550377	0.0881814	0.24554079
ENSMUSG00000039754	0.53366393	2.12930459	0.12943838	0.3128336
ENSMUSG00000041241	0.53357677	3.07567789	0.10493352	0.27526224

ENSMUSG00000053964	0.53354953	1.56766974	0.16312209	0.36113912
ENSMUSG00000047045	0.53330922	6.0391014	0.0846102	0.23992543
ENSMUSG00000035107	0.53291435	3.84308973	0.09455874	0.25780371
ENSMUSG00000017837	0.5328711	4.09586686	0.09446887	0.25771624
ENSMUSG00000051950	0.5321561	3.05096217	0.11009093	0.28368474
ENSMUSG00000076672	0.53200577	6.23745858	0.08467255	0.24003911
ENSMUSG00000017299	0.5316414	3.63695152	0.09876342	0.26468333
ENSMUSG00000046269	0.53161945	1.20411769	0.17765764	0.38020627
ENSMUSG00000027822	0.53147458	5.80638519	0.08581132	0.2420584
ENSMUSG00000023010	0.53139567	7.43237892	0.08383085	0.23846792
ENSMUSG00000057342	0.5313542	2.89056991	0.11297079	0.28808817
ENSMUSG00000038302	0.53133573	2.60717097	0.11615686	0.293426
ENSMUSG00000029022	0.53129445	4.13835873	0.09516269	0.25869282
ENSMUSG00000033610	0.53025604	3.11820265	0.10611127	0.27713826
ENSMUSG00000044583	0.52989949	8.26768211	0.0841473	0.2390528
ENSMUSG00000020553	0.52989857	3.90244589	0.09623003	0.26021681
ENSMUSG00000000915	0.52989356	5.63266578	0.08801569	0.2452613
ENSMUSG00000049488	0.52950662	3.84729678	0.09616683	0.26021681
ENSMUSG00000030890	0.52933691	5.84821294	0.0874229	0.24405088
ENSMUSG00000031168	0.52886129	5.3876428	0.08920298	0.2475463
ENSMUSG00000024900	0.52880907	5.55640769	0.0881843	0.24554079
ENSMUSG00000041035	0.52879983	3.59966717	0.10313584	0.27200218
ENSMUSG00000094797	0.52848332	6.20067163	0.08706511	0.24368289
ENSMUSG00000036427	0.52822065	8.20466643	0.08528073	0.2411305
ENSMUSG00000097567	0.52818661	2.60487826	0.119594	0.298888
ENSMUSG00000024308	0.52817112	8.4477576	0.08514341	0.24099385
ENSMUSG00000026285	0.52759277	1.33261147	0.18168836	0.3851636
ENSMUSG00000034308	0.52746086	2.26995247	0.12536825	0.30684775
ENSMUSG00000063383	0.52740545	2.06369167	0.13321494	0.31791357
ENSMUSG00000025068	0.5273804	5.67347366	0.0889894	0.24701715
ENSMUSG00000024393	0.52720116	7.03065951	0.08679746	0.24347856
ENSMUSG00000033739	0.52708864	1.6234791	0.15278934	0.34594271
ENSMUSG00000030745	0.52647417	7.94558986	0.08642556	0.24315516
ENSMUSG00000028088	0.52643011	2.02358453	0.13594715	0.32178535
ENSMUSG00000039914	0.52631522	3.0314598	0.11103153	0.28515456
ENSMUSG00000025574	0.52603036	4.6022954	0.09477517	0.25802965
ENSMUSG00000005069	0.52570978	4.14763048	0.09886428	0.2648168
ENSMUSG00000075289	0.52538697	1.91120863	0.1413344	0.32954952
ENSMUSG00000025006	0.52522453	1.57874359	0.16929097	0.36971119
ENSMUSG00000040296	0.5251997	7.42651699	0.08739046	0.24405088
ENSMUSG00000034987	0.52472417	4.17478834	0.09890121	0.26484993
ENSMUSG00000045107	0.52456826	1.36941825	0.16764491	0.36745584
ENSMUSG00000002658	0.52449373	5.6577504	0.09100276	0.25131211



ENSMUSG00000025737	0.52339275	3.34819967	0.11146377	0.28585618
ENSMUSG00000002205	0.52332706	4.93116467	0.0943468	0.2575787
ENSMUSG00000003849	0.52288294	4.2234105	0.09812882	0.26369827
ENSMUSG00000038023	0.52257807	5.7069927	0.09180113	0.25299856
ENSMUSG00000023020	0.52234575	2.76958713	0.12343207	0.30471829
ENSMUSG00000083307	0.5222315	1.61896459	0.16097942	0.35793856
ENSMUSG00000028266	0.52219147	4.30488159	0.09811571	0.26369827
ENSMUSG00000059772	0.52207234	2.35160225	0.13530364	0.32097087
ENSMUSG00000024944	0.52186145	2.78590807	0.11957817	0.298888
ENSMUSG00000024889	0.52170765	3.37092993	0.11228744	0.28713019
ENSMUSG00000029312	0.52156148	2.45637389	0.13054776	0.31474881
ENSMUSG00000022636	0.52148127	6.77937247	0.09033639	0.24991985
ENSMUSG00000073684	0.52136545	3.17846552	0.11124496	0.28556668
ENSMUSG00000050628	0.52115078	4.84304554	0.09618615	0.26021681
ENSMUSG00000017221	0.52104318	6.18543577	0.09193037	0.2531776
ENSMUSG00000033728	0.52027051	3.41911278	0.11001525	0.28367657
ENSMUSG00000076531	0.52009913	1.68348702	0.15121823	0.34374733
ENSMUSG00000007041	0.519459	7.80254879	0.09075612	0.2509523
ENSMUSG00000020777	0.51908643	5.25657969	0.0952874	0.2589013
ENSMUSG00000029499	0.51887438	1.05340868	0.20906857	0.41992838
ENSMUSG00000020827	0.51821423	5.13415899	0.09634065	0.26025491
ENSMUSG00000017404	0.51807128	7.36195944	0.09207214	0.25326485
ENSMUSG00000030323	0.51800005	3.04603249	0.1165593	0.29396058
ENSMUSG00000004394	0.51788544	4.855169	0.098031	0.26369826
ENSMUSG00000021417	0.51777255	5.5068873	0.09534946	0.25893945
ENSMUSG00000037408	0.51719251	3.38793743	0.11150962	0.28590579
ENSMUSG00000025484	0.51692335	3.29854993	0.11182132	0.28629655
ENSMUSG00000023882	0.5168868	3.45572014	0.10899688	0.28201112
ENSMUSG00000053317	0.5167094	5.62519629	0.09560882	0.25937799
ENSMUSG00000030407	0.51660374	3.42211578	0.11348082	0.28889924
ENSMUSG00000026857	0.51656812	2.22946605	0.1422573	0.33083949
ENSMUSG00000024594	0.51651663	5.15320997	0.09733016	0.26207451
ENSMUSG00000062683	0.51602838	3.64171842	0.11243041	0.28731032
ENSMUSG00000014470	0.51568631	1.37646174	0.19279171	0.39974347
ENSMUSG00000047731	0.51561397	4.91272433	0.09929508	0.26511467
ENSMUSG00000035235	0.51538394	2.20548965	0.1334392	0.31821601
ENSMUSG00000097415	0.51519342	6.12964749	0.09506018	0.25862977
ENSMUSG00000027435	0.51518681	6.15118814	0.0956312	0.25937799
ENSMUSG00000069255	0.51486632	3.22566302	0.11529581	0.29234658
ENSMUSG00000031007	0.51424047	7.26448776	0.09430514	0.25753016
ENSMUSG00000024588	0.51385521	4.75740368	0.10065148	0.26734849
ENSMUSG00000029098	0.51357321	5.64429396	0.09754894	0.26253252
ENSMUSG00000002395	0.51309914	3.54688487	0.1120307	0.2865605

ENSMUSG00000010609	0.51279275	3.78474551	0.11008738	0.28368474
ENSMUSG00000002845	0.51266021	5.86704781	0.0974944	0.26245123
ENSMUSG000000020190	0.51247096	6.79779106	0.09617325	0.26021681
ENSMUSG000000038037	0.51246329	2.96683441	0.12221484	0.30298042
ENSMUSG00000003062	0.51217823	4.88857058	0.10156889	0.26905402
ENSMUSG00000002984	0.51160992	4.59189003	0.10550025	0.27607733
ENSMUSG00000015575	0.51149745	5.5827272	0.09913548	0.26508233
ENSMUSG000000030319	0.511415	2.58931168	0.13137345	0.31558957
ENSMUSG000000078920	0.51122886	7.52399044	0.09601319	0.26017764
ENSMUSG000000028975	0.51098365	2.62953574	0.13097592	0.31492337
ENSMUSG00000017764	0.5105078	3.38394595	0.11835135	0.2969523
ENSMUSG000000047423	0.51045597	2.31078167	0.14559198	0.33598628
ENSMUSG000000032590	0.51013677	5.03252111	0.10289053	0.27162093
ENSMUSG000000029722	0.5097953	4.16264905	0.10889838	0.28189153
ENSMUSG000000038178	0.50960487	5.12413054	0.10184739	0.26959308
ENSMUSG00000016253	0.50954951	5.08824892	0.10296023	0.27167191
ENSMUSG000000030894	0.50927893	6.39220007	0.09873089	0.26468333
ENSMUSG000000031072	0.50860279	3.20277271	0.11996419	0.29944355
ENSMUSG00000017670	0.50849301	4.76299394	0.10498034	0.27526405
ENSMUSG000000020111	0.50828413	4.83529315	0.10502049	0.27526405
ENSMUSG000000070002	0.50799955	3.51731876	0.11603876	0.29338421
ENSMUSG000000033365	0.5078824	4.23884217	0.10974886	0.28320931
ENSMUSG00000012848	0.50783901	8.10227101	0.09808787	0.26369827
ENSMUSG000000030805	0.50754318	4.77757472	0.10637342	0.27762125
ENSMUSG000000023830	0.50704389	6.61475508	0.09974663	0.26585318
ENSMUSG000000032667	0.50699701	5.84564053	0.10121722	0.26851821
ENSMUSG000000056515	0.50682172	4.41828673	0.10781141	0.28023874
ENSMUSG000000025362	0.50678326	6.45523928	0.1007494	0.26747452
ENSMUSG000000029703	0.5066093	4.15876925	0.11026513	0.2838623
ENSMUSG000000023030	0.50653536	4.44697694	0.10790652	0.28026588
ENSMUSG000000031749	0.50634612	4.19107629	0.11032518	0.28394911
ENSMUSG000000005802	0.5062422	7.27410529	0.09950489	0.26547767
ENSMUSG000000020471	0.50623646	4.68537734	0.10800066	0.28044283
ENSMUSG000000035877	0.50554664	4.13910857	0.10883595	0.28184557
ENSMUSG000000021176	0.50500846	1.91209815	0.16631368	0.3657327
ENSMUSG000000020935	0.50483331	2.92079712	0.13080166	0.31492337
ENSMUSG00000015488	0.50470681	4.32689211	0.11159035	0.28598166
ENSMUSG000000037406	0.50466085	0.92958364	0.22734217	0.44181978
ENSMUSG000000076508	0.50453331	5.68473468	0.10355486	0.27277371
ENSMUSG00000018983	0.50426285	5.85977382	0.10339332	0.27248131
ENSMUSG000000043059	0.50380475	3.05850054	0.12865398	0.31186423
ENSMUSG000000037772	0.50338729	3.3335199	0.1232997	0.3045497
ENSMUSG000000008036	0.5031365	5.03989451	0.10762194	0.28002618

ENSMUSG00000026198	0.50307097	1.94708606	0.15964181	0.35584483
ENSMUSG00000027244	0.50289085	4.76980049	0.10811554	0.28065774
ENSMUSG00000040097	0.50285916	3.15578919	0.12866327	0.31186423
ENSMUSG00000078945	0.50274307	4.25313581	0.11000095	0.28367657
ENSMUSG00000071256	0.50272824	2.92744534	0.13312527	0.31783429
ENSMUSG00000036835	0.5019584	4.17834925	0.11423591	0.29027334
ENSMUSG00000022385	0.50193788	5.08515703	0.10756685	0.28002618
ENSMUSG00000030982	0.50110355	5.97486321	0.10520472	0.27550455
ENSMUSG00000047617	0.50093921	2.15107012	0.14808873	0.33953376
ENSMUSG00000001910	0.50091626	6.1739279	0.10506183	0.27526405
ENSMUSG00000022214	0.50028058	6.0824224	0.10549392	0.27607733
ENSMUSG00000024312	0.49993719	4.62662493	0.11319352	0.28837206
ENSMUSG00000076514	0.49896971	5.35705961	0.10838685	0.28103963
ENSMUSG00000073616	0.49800579	4.29831891	0.11608591	0.29338421
ENSMUSG00000044167	0.49773276	7.56075507	0.10503883	0.27526405
ENSMUSG00000074682	0.49772445	2.67723705	0.13246062	0.3170822
ENSMUSG00000076680	0.49766334	5.03924308	0.10912684	0.28227965
ENSMUSG00000030595	0.4975881	3.01787008	0.13835989	0.32507037
ENSMUSG00000025228	0.49694875	6.88924561	0.1065728	0.2780743
ENSMUSG00000071654	0.49667428	2.23476282	0.15686098	0.35155772
ENSMUSG00000031834	0.49638802	3.0001242	0.14108542	0.32917895
ENSMUSG00000079363	0.49614269	7.35454621	0.10634602	0.27761693
ENSMUSG00000063077	0.49604929	5.32621335	0.11003515	0.28367657
ENSMUSG00000020263	0.49575082	3.25947444	0.12661837	0.30934314
ENSMUSG00000025577	0.49535345	3.08622019	0.13322064	0.31791357
ENSMUSG00000020802	0.49517422	4.62396602	0.11667398	0.29417914
ENSMUSG00000070427	0.49503808	1.42328289	0.17145247	0.37254553
ENSMUSG00000006127	0.49438185	5.26202427	0.11230667	0.28713019
ENSMUSG00000041654	0.49421684	4.04281303	0.12092693	0.30103324
ENSMUSG00000056121	0.494078	3.05784127	0.13249877	0.31710314
ENSMUSG00000022517	0.49391532	5.21738827	0.11270248	0.28776423
ENSMUSG00000039477	0.49389058	2.39600675	0.15038389	0.34264524
ENSMUSG00000053565	0.49300167	6.38448136	0.1102281	0.28383976
ENSMUSG00000021611	0.49272025	1.04114715	0.24032091	0.45726162
ENSMUSG00000020415	0.49228112	4.37056869	0.11887055	0.29770089
ENSMUSG00000090841	0.49213141	7.13920189	0.1096646	0.28311422
ENSMUSG00000021948	0.49168478	7.84133106	0.10925777	0.2824151
ENSMUSG00000006024	0.49165436	6.17221055	0.11164238	0.28604216
ENSMUSG00000036273	0.4916464	7.47640097	0.10939869	0.28264386
ENSMUSG00000079222	0.49159908	1.08116896	0.20375844	0.41354402
ENSMUSG00000025132	0.49158064	8.01340677	0.10931325	0.28249078
ENSMUSG00000042903	0.49154691	3.2578726	0.13144381	0.31562845
ENSMUSG00000094345	0.4915336	4.11223621	0.12182202	0.30242371

ENSMUSG00000014786	0.49094195	2.3320132	0.14604086	0.33659
ENSMUSG00000052369	0.49044513	3.70406879	0.12753222	0.31034329
ENSMUSG00000078681	0.4904257	2.79852895	0.14744224	0.33844553
ENSMUSG00000035198	0.49024477	4.56177009	0.12056189	0.30054079
ENSMUSG00000019173	0.48985699	6.07516509	0.11300391	0.28809319
ENSMUSG00000020585	0.48957553	7.03591689	0.11140691	0.28577832
ENSMUSG00000038252	0.48929545	8.00944891	0.11086176	0.28485424
ENSMUSG00000062866	0.48915277	3.03727757	0.13791953	0.3244599
ENSMUSG00000032860	0.48893057	0.97351661	0.22082112	0.43352174
ENSMUSG00000024925	0.48859484	1.33898856	0.19690699	0.40517952
ENSMUSG00000033720	0.48852496	2.20664586	0.14900665	0.34087562
ENSMUSG00000031792	0.488515	4.14001513	0.12345179	0.30471829
ENSMUSG00000062115	0.48826642	2.74484204	0.1437886	0.33325086
ENSMUSG00000020707	0.48768985	3.36687932	0.13506961	0.32083495
ENSMUSG00000019338	0.48763078	4.25427783	0.12193941	0.30250623
ENSMUSG00000024301	0.48759143	2.11624237	0.16556285	0.36482014
ENSMUSG00000002608	0.48667598	4.73140922	0.12138462	0.30174426
ENSMUSG00000020109	0.48662173	4.35120528	0.12419869	0.30566959
ENSMUSG00000042831	0.48648057	1.83523702	0.18950979	0.39483355
ENSMUSG00000020780	0.48628692	6.18137526	0.11553433	0.29274488
ENSMUSG00000071203	0.48596838	3.66808421	0.13082618	0.31492337
ENSMUSG00000044252	0.48574957	2.94731631	0.14331383	0.33243629
ENSMUSG00000035521	0.48552399	3.5546487	0.13516662	0.32097011
ENSMUSG00000029073	0.48459983	4.31208906	0.12496956	0.30635865
ENSMUSG00000034793	0.48457654	3.21514337	0.1407873	0.32876793
ENSMUSG00000029554	0.48451803	4.140145	0.12786553	0.31077347
ENSMUSG00000025192	0.48437465	4.68432706	0.1221076	0.30278417
ENSMUSG00000053929	0.48413606	4.0520253	0.12965361	0.31315521
ENSMUSG00000045410	0.48410971	4.31557389	0.12585766	0.30769643
ENSMUSG00000030560	0.4839976	8.46069006	0.11446632	0.29062041
ENSMUSG00000060002	0.48375418	4.37136589	0.12557486	0.30707467
ENSMUSG00000004849	0.48373757	5.11156481	0.12089095	0.30101317
ENSMUSG00000040433	0.4835983	6.37722922	0.11670052	0.29417914
ENSMUSG00000060639	0.4831772	2.23204186	0.15686098	0.35155772
ENSMUSG00000031816	0.48311903	3.33122669	0.13902745	0.32591934
ENSMUSG00000023963	0.48307539	1.68759117	0.17858089	0.38132006
ENSMUSG00000028910	0.48277224	4.00242798	0.13174164	0.31602683
ENSMUSG00000032558	0.48262917	3.12155539	0.14264885	0.3313507
ENSMUSG00000079111	0.48202838	6.39750495	0.11808776	0.29656693
ENSMUSG00000031951	0.48192284	1.73516027	0.18145543	0.38483554
ENSMUSG00000033960	0.48189129	3.18846171	0.14023223	0.32782665
ENSMUSG00000042712	0.48155944	5.2082701	0.12163127	0.30215887
ENSMUSG00000037552	0.48132684	3.73095275	0.13363072	0.31835229

ENSMUSG00000079499	0.48088353	4.10575145	0.12876087	0.31186423
ENSMUSG00000031996	0.48078245	6.10368112	0.11956491	0.298888
ENSMUSG00000021820	0.48070601	4.24814093	0.12795404	0.31091851
ENSMUSG00000028743	0.48064899	0.79767554	0.27640267	0.49645676
ENSMUSG00000064267	0.48052405	7.4989261	0.11780817	0.29607161
ENSMUSG00000052298	0.48031117	8.05855811	0.11741417	0.29535676
ENSMUSG00000020921	0.47977505	1.91532166	0.18374873	0.38755062
ENSMUSG00000078763	0.47919458	3.28266158	0.13391556	0.31872555
ENSMUSG00000023032	0.47898224	2.73196165	0.14618401	0.33668677
ENSMUSG00000028468	0.47882124	5.38260515	0.12349532	0.30475367
ENSMUSG00000029478	0.47873552	3.7970429	0.13580988	0.32174291
ENSMUSG00000027207	0.47812442	5.65466402	0.12295649	0.3041199
ENSMUSG00000003228	0.47798699	3.3448193	0.14018598	0.32778959
ENSMUSG00000041642	0.47780188	5.3789683	0.12423605	0.30567227
ENSMUSG00000023044	0.47751525	1.68217024	0.19682873	0.40517952
ENSMUSG00000024143	0.47715958	5.90414288	0.12273236	0.30363518
ENSMUSG00000028959	0.4770949	3.79953553	0.13711986	0.32356686
ENSMUSG00000024608	0.47703764	7.99876594	0.12016496	0.29968984
ENSMUSG00000030657	0.47643278	3.85355839	0.13720352	0.32362264
ENSMUSG00000002957	0.47635366	5.83889389	0.1240642	0.30552828
ENSMUSG00000034156	0.47600027	3.47906728	0.13990771	0.32740155
ENSMUSG00000028854	0.47586922	4.09917616	0.13520013	0.32097011
ENSMUSG00000020752	0.47579358	4.74170799	0.12887924	0.31197165
ENSMUSG00000032815	0.4754682	5.13338797	0.12705785	0.30999816
ENSMUSG00000037921	0.4753016	5.68839857	0.12412061	0.30559741
ENSMUSG00000042423	0.47522128	5.19922712	0.12736356	0.31034329
ENSMUSG00000096727	0.47488236	6.35565755	0.12381943	0.30527405
ENSMUSG00000046949	0.47459432	3.73383114	0.13750405	0.32385741
ENSMUSG00000005625	0.47458324	6.29376996	0.12431499	0.30567468
ENSMUSG00000030811	0.47457347	3.26242657	0.14810523	0.33953376
ENSMUSG00000024208	0.47412871	3.42465167	0.14508529	0.33512917
ENSMUSG00000025373	0.4740265	3.76120841	0.13744032	0.32382706
ENSMUSG00000040414	0.47401423	2.85165749	0.15556832	0.34980167
ENSMUSG00000079557	0.47399226	3.79411163	0.13823681	0.32499363
ENSMUSG00000042333	0.4739154	3.0256711	0.15550267	0.34972697
ENSMUSG00000022957	0.47366069	5.36831875	0.12757343	0.31034329
ENSMUSG00000039740	0.47360605	5.95174186	0.1254451	0.30689653
ENSMUSG00000019471	0.47336613	6.47769318	0.12490951	0.30628842
ENSMUSG00000030727	0.47304955	3.06700637	0.15492117	0.34907435
ENSMUSG00000032740	0.47300786	5.64259659	0.12663766	0.30934314
ENSMUSG00000027698	0.47234403	5.00938695	0.12965348	0.31315521
ENSMUSG00000032315	0.47231467	1.67078517	0.21977889	0.4323414
ENSMUSG00000000738	0.47220972	4.51705477	0.13435769	0.31970727

ENSMUSG00000031622	0.47204264	5.58337641	0.12854075	0.31185287
ENSMUSG00000030822	0.47196488	5.04845071	0.13061507	0.31481381
ENSMUSG00000072437	0.4717903	3.0158039	0.15434323	0.34845317
ENSMUSG00000002280	0.47158037	3.45284688	0.14957333	0.34144766
ENSMUSG00000071379	0.47152974	1.94435975	0.18364161	0.38747626
ENSMUSG00000039201	0.47152332	2.99374736	0.15512039	0.34925299
ENSMUSG00000041126	0.47143254	3.36568619	0.14807671	0.33953376
ENSMUSG00000033059	0.47079752	6.1862541	0.1274832	0.31034329
ENSMUSG00000034880	0.4706089	1.70336307	0.20287641	0.41264037
ENSMUSG00000056185	0.47049296	1.35828475	0.22961316	0.44367466
ENSMUSG00000026649	0.47042006	0.57817008	0.29042899	0.51291497
ENSMUSG00000027187	0.47038337	6.70392694	0.12664595	0.30934314
ENSMUSG00000034055	0.47035732	4.64972907	0.1329419	0.31767016
ENSMUSG00000035242	0.4700091	6.15473576	0.12854099	0.31185287
ENSMUSG00000079834	0.46969103	2.96215791	0.14361715	0.33299664
ENSMUSG00000060601	0.46942932	2.61557881	0.17333287	0.37527036
ENSMUSG00000028708	0.46922872	5.06421587	0.13290391	0.31767016
ENSMUSG00000030538	0.46881861	5.08007033	0.13305715	0.31780472
ENSMUSG00000016487	0.46853386	5.07078414	0.13228221	0.31680029
ENSMUSG00000037280	0.46844326	4.09212573	0.13845484	0.32515179
ENSMUSG00000031428	0.46842879	7.72545984	0.12697915	0.30987626
ENSMUSG00000034194	0.46814986	3.05684143	0.15266528	0.34579759
ENSMUSG00000013160	0.46800046	6.1611161	0.12982398	0.31327407
ENSMUSG00000022106	0.467936	6.00620155	0.12998521	0.31359294
ENSMUSG00000025178	0.46781943	4.81298501	0.13585203	0.32174785
ENSMUSG00000059326	0.46765465	2.13227047	0.17855303	0.38132006
ENSMUSG00000040220	0.46763187	2.32815116	0.18231576	0.38596254
ENSMUSG00000031398	0.46650254	2.61611641	0.17333287	0.37527036
ENSMUSG00000024212	0.46627737	4.36932612	0.14091907	0.32893318
ENSMUSG00000022587	0.46604981	9.85260026	0.12809232	0.31118441
ENSMUSG00000066440	0.46577302	5.85617723	0.13208809	0.31647145
ENSMUSG00000038072	0.46575117	3.96517085	0.14251424	0.33121746
ENSMUSG00000043019	0.46570018	7.1095243	0.12966714	0.31315521
ENSMUSG00000054400	0.46567084	2.97169075	0.15833538	0.35403042
ENSMUSG00000097412	0.46490088	2.92309501	0.1650398	0.36420491
ENSMUSG00000054843	0.46444801	3.38567591	0.14846719	0.34008546
ENSMUSG00000031969	0.46407358	2.8226914	0.1629918	0.36107304
ENSMUSG00000039065	0.46336491	2.95469008	0.16525348	0.36442572
ENSMUSG00000071657	0.46326124	4.26525176	0.14312118	0.33210469
ENSMUSG00000090213	0.4629056	5.0570344	0.13796526	0.32449669
ENSMUSG00000024413	0.46229045	5.58571871	0.1357655	0.32170844
ENSMUSG00000025746	0.46225898	4.93540138	0.13753491	0.32385741
ENSMUSG00000028970	0.46220677	6.93251401	0.13289174	0.31767016

ENSMUSG0000003068	0.46205527	4.965041	0.14005421	0.32755251
ENSMUSG00000061751	0.46180501	3.0578944	0.16143149	0.3587958
ENSMUSG00000041528	0.4614541	4.56000598	0.1429432	0.33193357
ENSMUSG00000027575	0.46131982	5.20734177	0.13870672	0.32567207
ENSMUSG00000020153	0.46129277	2.10964913	0.20206194	0.41176039
ENSMUSG00000002825	0.46104517	2.4567605	0.18006348	0.38302375
ENSMUSG00000061689	0.46060258	3.05672807	0.16934789	0.3697606
ENSMUSG00000035790	0.4605863	3.54121774	0.15483988	0.34903706
ENSMUSG00000017801	0.46026343	5.66743866	0.1375433	0.32385741
ENSMUSG00000024392	0.46025713	5.88130636	0.13726195	0.32366593
ENSMUSG00000035168	0.46017792	3.62822181	0.15302537	0.34613992
ENSMUSG00000026664	0.45990755	5.08886217	0.13970451	0.32708933
ENSMUSG00000012114	0.45981203	4.88122857	0.14133592	0.32954952
ENSMUSG00000001173	0.45916113	4.73632486	0.14266147	0.3313507
ENSMUSG00000019362	0.45871563	4.36544485	0.14717426	0.33804626
ENSMUSG00000025477	0.45863923	3.05373838	0.16361698	0.36178911
ENSMUSG00000030921	0.45799976	9.08781846	0.1348897	0.32061946
ENSMUSG00000053398	0.45790635	6.32304258	0.13818323	0.3249385
ENSMUSG00000041594	0.45775412	3.78632304	0.15190821	0.34509757
ENSMUSG00000024782	0.4575501	5.64513621	0.13973957	0.3271004
ENSMUSG00000040652	0.45740593	4.25285913	0.14932306	0.34109297
ENSMUSG00000037997	0.45731798	5.80252421	0.13951655	0.32679115
ENSMUSG00000039069	0.45688862	3.16990271	0.16660265	0.3662134
ENSMUSG00000036902	0.45683985	5.03258006	0.1421214	0.33066605
ENSMUSG00000050188	0.45662135	2.73224254	0.17500613	0.37790671
ENSMUSG00000019087	0.45636547	7.44942371	0.13734192	0.32366593
ENSMUSG00000034243	0.45631411	6.52488584	0.13835822	0.32507037
ENSMUSG00000063576	0.45605141	5.04219414	0.14416851	0.3337727
ENSMUSG00000061731	0.45543926	3.40285755	0.15986167	0.35618766
ENSMUSG00000028779	0.45535062	3.6068396	0.15639885	0.35108351
ENSMUSG00000023104	0.45514584	5.86287395	0.14142477	0.32961417
ENSMUSG00000028049	0.45479554	4.25052942	0.15162588	0.34452876
ENSMUSG00000003308	0.45443792	4.64529191	0.14925808	0.34109297
ENSMUSG00000051989	0.45432027	3.41396192	0.15907344	0.35494474
ENSMUSG00000028599	0.45384627	6.49563883	0.14072621	0.32869914
ENSMUSG00000033192	0.4537712	2.32254938	0.17647068	0.37888647
ENSMUSG00000037752	0.45364636	2.21316357	0.18697557	0.3919037
ENSMUSG00000024309	0.4532419	4.36268376	0.15281969	0.34594271
ENSMUSG00000038633	0.45297547	6.78476699	0.14100618	0.32906527
ENSMUSG00000033416	0.45245	4.64243215	0.14994356	0.34207559
ENSMUSG00000035642	0.45228855	2.10525949	0.19474871	0.40248565
ENSMUSG00000002996	0.45225204	5.12758864	0.14624351	0.33668677
ENSMUSG00000031505	0.45158466	3.4185264	0.16974391	0.37032537

ENSMUSG00000032892	0.4510667	3.58378373	0.16709891	0.36693841
ENSMUSG00000040820	0.45063549	3.59952328	0.16014163	0.35658246
ENSMUSG00000009863	0.44986233	6.25729471	0.1451382	0.33512917
ENSMUSG00000063646	0.44927249	2.56375141	0.18828016	0.39371984
ENSMUSG00000024052	0.4490496	5.70496553	0.14695867	0.3377669
ENSMUSG00000052712	0.44898974	5.78514819	0.14708054	0.33790298
ENSMUSG00000032316	0.44883648	5.51274622	0.14858689	0.34013182
ENSMUSG00000024446	0.44879627	2.11528265	0.19704127	0.4052819
ENSMUSG00000045302	0.44875289	6.50645462	0.14553036	0.33591596
ENSMUSG00000052125	0.44873014	2.47001813	0.18540154	0.39015058
ENSMUSG00000059981	0.44855893	5.89120255	0.14725976	0.33817062
ENSMUSG00000019179	0.44845922	7.39034288	0.14451619	0.33436227
ENSMUSG00000001034	0.44844854	2.99319428	0.17515078	0.3779109
ENSMUSG00000026854	0.44826804	2.71748804	0.18559771	0.39022922
ENSMUSG00000025858	0.44819558	4.94268433	0.15207166	0.34532339
ENSMUSG00000031458	0.44764728	2.02798091	0.21898055	0.43190821
ENSMUSG00000032508	0.4475784	5.64180079	0.14867317	0.34025709
ENSMUSG00000045231	0.44716442	1.92684742	0.20771494	0.41828652
ENSMUSG00000032127	0.44716182	5.46936915	0.14987083	0.34198202
ENSMUSG00000067825	0.44678619	1.95373014	0.21292588	0.42451335
ENSMUSG00000036067	0.44677943	5.03627771	0.15308273	0.34616148
ENSMUSG00000036002	0.44655023	3.24579195	0.17007014	0.37084227
ENSMUSG00000026849	0.44633017	4.77350386	0.15502857	0.34917045
ENSMUSG00000022205	0.44546812	8.74714789	0.14602264	0.33659
ENSMUSG00000096780	0.44545175	1.67986521	0.21977889	0.4323414
ENSMUSG00000016206	0.44545109	5.35984448	0.15203182	0.34530563
ENSMUSG00000039834	0.4446281	4.36216959	0.16047754	0.35696984
ENSMUSG00000095687	0.44453748	1.39874148	0.25880637	0.47806918
ENSMUSG00000038838	0.44440733	2.9866934	0.18142996	0.38483554
ENSMUSG00000053175	0.44435455	4.06337333	0.16350797	0.3616964
ENSMUSG00000009291	0.44429773	4.648511	0.15659834	0.35138504
ENSMUSG00000001576	0.44429594	6.37850135	0.14975837	0.34179773
ENSMUSG00000028211	0.4442084	7.12776562	0.14817548	0.33962261
ENSMUSG00000073987	0.44387518	3.16698797	0.17411408	0.37655906
ENSMUSG00000030966	0.44355037	5.60135569	0.15235273	0.34547404
ENSMUSG00000025521	0.44333198	4.48441181	0.15951632	0.35571215
ENSMUSG00000050199	0.44332063	2.27058093	0.19714741	0.4054229
ENSMUSG00000026111	0.44303089	4.96915516	0.1552953	0.34949977
ENSMUSG00000005161	0.44220253	5.98450785	0.15304109	0.34613992
ENSMUSG00000022136	0.44216661	8.27017333	0.14923808	0.34109297
ENSMUSG00000036052	0.44185572	3.12784212	0.17746031	0.37993488
ENSMUSG00000055762	0.44174684	7.19022463	0.15094831	0.34351225
ENSMUSG00000029076	0.44169975	7.31889403	0.15055601	0.3428925



ENSMUSG00000026965	0.44156238	5.5913787	0.15478993	0.34899741
ENSMUSG00000048677	0.44143699	3.29152888	0.17624355	0.37875855
ENSMUSG00000004626	0.44121133	5.83569763	0.1540401	0.34803445
ENSMUSG00000008690	0.44113023	6.67610105	0.15229018	0.34547404
ENSMUSG00000034126	0.4411005	4.60947839	0.159956	0.3563242
ENSMUSG00000024646	0.44071846	5.59219436	0.15498433	0.34914372
ENSMUSG00000025731	0.44069121	2.34725946	0.19619506	0.40432073
ENSMUSG00000063316	0.44060361	6.8823198	0.15233531	0.34547404
ENSMUSG00000027006	0.44056432	7.67719491	0.15106617	0.34366592
ENSMUSG00000024521	0.44053155	6.5603989	0.15251504	0.34567512
ENSMUSG00000037525	0.44036298	1.49228728	0.24491616	0.46263371
ENSMUSG00000028461	0.44025019	3.30522534	0.18440468	0.38870603
ENSMUSG00000028677	0.44019053	4.97831157	0.16004126	0.35644052
ENSMUSG00000028070	0.44015853	3.93266952	0.17069363	0.37157046
ENSMUSG00000036672	0.43998511	3.66570097	0.17135709	0.37254553
ENSMUSG00000045165	0.43989267	4.80920228	0.15902538	0.35494474
ENSMUSG00000031328	0.43976393	8.9947782	0.15113722	0.34370809
ENSMUSG00000056367	0.4390672	2.30464284	0.20739635	0.41789279
ENSMUSG00000028937	0.43881887	4.20047055	0.16714724	0.36696168
ENSMUSG00000020196	0.43874635	5.74353159	0.15672343	0.35144634
ENSMUSG00000009293	0.43808656	4.96147708	0.16153813	0.35888642
ENSMUSG00000024560	0.43778843	4.56258015	0.16553837	0.36482014
ENSMUSG00000097194	0.43774992	3.82895603	0.17106748	0.37208385
ENSMUSG00000040940	0.43708836	6.44340589	0.15650929	0.35125832
ENSMUSG00000043923	0.43706645	2.95289218	0.18678144	0.39163612
ENSMUSG00000024426	0.43687292	2.25228464	0.20631719	0.41665255
ENSMUSG00000025545	0.43639496	3.78168034	0.17236713	0.37385501
ENSMUSG00000024797	0.43635661	3.36153611	0.18307457	0.38676308
ENSMUSG00000070420	0.43605818	2.38557731	0.19975084	0.40901045
ENSMUSG00000045268	0.43595017	2.17286748	0.20565207	0.41594745
ENSMUSG00000025140	0.43581017	3.02799428	0.18126273	0.38477585
ENSMUSG00000054263	0.43567262	5.01489855	0.16193657	0.35932593
ENSMUSG00000040272	0.43561149	1.86816448	0.23013347	0.44428201
ENSMUSG00000078570	0.4352843	1.40836573	0.2626638	0.48170884
ENSMUSG00000030095	0.4352318	4.7820811	0.16502868	0.36420491
ENSMUSG00000002068	0.43516776	6.62811276	0.15761402	0.35292973
ENSMUSG00000042628	0.43505673	4.28180216	0.1675663	0.36743289
ENSMUSG00000068922	0.4350069	4.26466185	0.16951375	0.37004783
ENSMUSG00000026698	0.43499555	4.44626045	0.16656348	0.36620196
ENSMUSG00000001472	0.43478198	7.35644339	0.15701855	0.3518155
ENSMUSG00000037993	0.43429833	5.1858074	0.16399442	0.36225231
ENSMUSG00000021003	0.43421171	3.23505253	0.18266305	0.3862428
ENSMUSG00000031709	0.43371746	4.96261567	0.16365728	0.36180403

ENSMUSG00000028479	0.43304986	4.58541432	0.16690384	0.36672597
ENSMUSG00000021338	0.43303167	3.82518904	0.17174524	0.37295623
ENSMUSG00000003269	0.43282059	4.23945644	0.17151086	0.37259732
ENSMUSG00000045362	0.43193091	5.00563049	0.16578179	0.36500424
ENSMUSG00000005873	0.43152806	6.01960011	0.16306637	0.36113583
ENSMUSG00000093674	0.43134252	6.78383158	0.16161934	0.35888642
ENSMUSG00000003865	0.43128768	3.71990915	0.17907062	0.3819
ENSMUSG00000042682	0.43119817	6.02244969	0.16291536	0.36097785
ENSMUSG00000025409	0.43119728	3.29828905	0.18868463	0.39431002
ENSMUSG00000021917	0.43056745	6.37774546	0.16257305	0.36047835
ENSMUSG00000037916	0.43033695	5.14955208	0.16852713	0.36856551
ENSMUSG00000013495	0.43030159	4.04141349	0.17645096	0.37888647
ENSMUSG00000042073	0.43025631	2.19603286	0.22194877	0.43486475
ENSMUSG00000068114	0.42905599	5.13086016	0.16927459	0.36971119
ENSMUSG00000030214	0.42830229	6.24897338	0.16509479	0.36423532
ENSMUSG00000032431	0.42825381	3.83758512	0.18090233	0.38443278
ENSMUSG00000026893	0.42771385	4.58517651	0.17141281	0.37254553
ENSMUSG00000030527	0.4274046	3.45417616	0.18637658	0.39125659
ENSMUSG00000050144	0.42644046	4.99420585	0.17226142	0.37370089
ENSMUSG00000037415	0.42584487	5.8155795	0.16863906	0.36873552
ENSMUSG00000022420	0.42565375	1.48265673	0.26758926	0.48654233
ENSMUSG00000022365	0.4256459	7.13407629	0.16597223	0.36527439
ENSMUSG00000030123	0.42537081	5.61880737	0.170084	0.37084227
ENSMUSG00000034403	0.42508448	4.03959516	0.18203781	0.38552548
ENSMUSG00000007029	0.424407	7.46317467	0.16702242	0.36691174
ENSMUSG00000027984	0.42434398	4.66045485	0.17740608	0.37993488
ENSMUSG00000028849	0.42415013	4.2079539	0.18071794	0.38423941
ENSMUSG00000047003	0.42376342	3.09146602	0.19563696	0.40362522
ENSMUSG00000024410	0.42365354	5.20344903	0.17352949	0.37554526
ENSMUSG00000006676	0.42308099	6.16680187	0.17058507	0.37140912
ENSMUSG00000046798	0.42265752	2.215519	0.22115329	0.43377902
ENSMUSG00000018740	0.42262503	1.52415841	0.2721482	0.49209359
ENSMUSG00000028124	0.42246551	6.26991168	0.17050182	0.37137782
ENSMUSG00000036752	0.42190484	7.7230343	0.16927488	0.36971119
ENSMUSG00000029148	0.42184462	6.11856407	0.17185223	0.37303833
ENSMUSG00000020844	0.42109137	3.52828022	0.19220977	0.39866162
ENSMUSG00000026958	0.42097688	3.79614385	0.19159441	0.39766362
ENSMUSG0000002803	0.42087797	2.78829635	0.20185336	0.41160995
ENSMUSG00000033940	0.42083602	6.06666491	0.17291947	0.37475153
ENSMUSG00000026288	0.42027446	8.12553769	0.17054792	0.37140321
ENSMUSG00000030282	0.42012632	5.6289266	0.17476528	0.37761346
ENSMUSG00000031304	0.4198351	6.71079815	0.17271246	0.37452868
ENSMUSG00000052142	0.41972883	6.61309132	0.1729154	0.37475153

ENSMUSG00000039771	0.4190712	4.32385709	0.18546932	0.39018751
ENSMUSG00000015745	0.4183064	4.18119732	0.18888495	0.39444913
ENSMUSG00000036968	0.41829598	4.61521569	0.18183918	0.38533183
ENSMUSG00000033487	0.41802192	7.41037783	0.17322883	0.37519576
ENSMUSG00000074863	0.41788621	1.64608099	0.2495505	0.4674252
ENSMUSG00000051586	0.41750677	3.11376301	0.19781388	0.40625723
ENSMUSG00000036270	0.41742363	5.44706871	0.17904388	0.3819
ENSMUSG00000014748	0.41722033	5.94778301	0.17719689	0.37976603
ENSMUSG00000039164	0.41719825	2.75016828	0.21395771	0.42601919
ENSMUSG00000069793	0.41719412	5.65561414	0.17794889	0.3806031
ENSMUSG00000030842	0.41715464	4.76587926	0.18452707	0.38888801
ENSMUSG00000039852	0.41710415	6.25517751	0.1760816	0.37868784
ENSMUSG00000027293	0.41697883	5.87591022	0.17769284	0.38020627
ENSMUSG00000022555	0.41679028	2.7618077	0.21855593	0.43143093
ENSMUSG00000023259	0.41656599	1.38427077	0.28821338	0.51019256
ENSMUSG00000031551	0.41642554	4.04741648	0.18957772	0.39483355
ENSMUSG00000035757	0.41635202	3.2847281	0.20423861	0.41400549
ENSMUSG00000038811	0.41615251	4.42331598	0.18722242	0.39211923
ENSMUSG00000037022	0.41575708	2.15648754	0.22824765	0.44237105
ENSMUSG00000032867	0.41544301	4.97320574	0.18372054	0.38755062
ENSMUSG00000029993	0.41538974	4.90676708	0.18288985	0.38659284
ENSMUSG00000061232	0.41510488	9.60827424	0.17518251	0.3779109
ENSMUSG00000076580	0.41497896	5.33553059	0.1806809	0.38423642
ENSMUSG00000021556	0.41491623	4.37243102	0.18612665	0.39103638
ENSMUSG00000046027	0.41435548	5.49073582	0.18151911	0.38488047
ENSMUSG00000044678	0.41410283	2.50203346	0.21334818	0.4251195
ENSMUSG00000020893	0.41396075	3.39387702	0.20635982	0.4166606
ENSMUSG00000020644	0.41328848	4.33268118	0.1885382	0.3941066
ENSMUSG00000020564	0.41275218	5.14345011	0.184771	0.38924995
ENSMUSG00000034422	0.4125993	9.22064552	0.17782132	0.38040569
ENSMUSG00000042677	0.41253197	4.57752272	0.18953921	0.39483355
ENSMUSG00000017009	0.41246498	7.32090905	0.17936942	0.38227665
ENSMUSG00000012117	0.41235559	5.76047742	0.1832091	0.3868125
ENSMUSG00000022075	0.41229558	6.4154342	0.18109575	0.3846635
ENSMUSG00000039853	0.41211176	3.7347179	0.19797974	0.40649182
ENSMUSG00000041263	0.41209015	3.1849594	0.21124665	0.42304251
ENSMUSG00000035215	0.41189298	3.24193551	0.21584249	0.42829374
ENSMUSG00000025077	0.41137438	3.42414443	0.20563039	0.41594745
ENSMUSG00000030322	0.41136132	5.37324675	0.18506922	0.38972592
ENSMUSG00000028545	0.41132053	4.22337919	0.1941965	0.40157527
ENSMUSG00000041765	0.41098044	4.29345608	0.19329679	0.40025203
ENSMUSG00000042380	0.41072093	2.78342851	0.2231313	0.43638881
ENSMUSG00000026792	0.41022285	2.04253085	0.25001887	0.46776605

ENSMUSG00000036989	0.41004945	2.1127069	0.25439986	0.47300829
ENSMUSG00000001642	0.40985732	6.84308832	0.18290028	0.38659284
ENSMUSG00000027639	0.40931607	8.98726045	0.18139591	0.38483554
ENSMUSG00000058290	0.40922393	5.98450611	0.18579044	0.39040611
ENSMUSG00000035278	0.40910155	4.03662264	0.20163892	0.41136476
ENSMUSG00000024911	0.40866824	3.7063705	0.20692346	0.4174079
ENSMUSG00000071652	0.4083016	5.17644857	0.19056286	0.39611957
ENSMUSG00000041084	0.40764886	7.57693579	0.18422031	0.38839333
ENSMUSG00000008140	0.40732983	3.96498844	0.20375481	0.41354402
ENSMUSG00000001521	0.40664895	4.50372666	0.19844437	0.40706701
ENSMUSG00000028648	0.40649091	3.89780815	0.20139236	0.41121735
ENSMUSG00000048965	0.4063527	2.60277441	0.23149335	0.44554214
ENSMUSG00000031821	0.40604482	3.92406034	0.2061081	0.41662038
ENSMUSG00000029622	0.40596849	6.03182793	0.18928866	0.39475709
ENSMUSG00000031967	0.4058516	5.89928686	0.18958161	0.39483355
ENSMUSG00000021203	0.40560775	3.29125149	0.2109062	0.42251764
ENSMUSG00000070738	0.40527435	7.63785447	0.18665601	0.39163612
ENSMUSG00000045795	0.40519572	3.87247869	0.20414731	0.41389822
ENSMUSG00000076583	0.4049042	5.92638511	0.18950118	0.39483355
ENSMUSG00000027439	0.40466141	4.64547914	0.19594792	0.40414813
ENSMUSG00000034116	0.40451257	7.26036562	0.18803981	0.39343886
ENSMUSG00000078580	0.40451132	0.96324132	0.32554654	0.55017927
ENSMUSG00000036292	0.40449485	2.71004831	0.2271803	0.44173726
ENSMUSG00000058076	0.40447133	5.78388274	0.19160425	0.39766362
ENSMUSG00000048310	0.40446309	4.01121047	0.20626309	0.41665255
ENSMUSG00000048578	0.40442251	8.78275748	0.18677236	0.39163612
ENSMUSG00000040859	0.40435067	4.99016351	0.19514304	0.40300111
ENSMUSG00000004567	0.40388791	4.13488239	0.20488953	0.41493496
ENSMUSG00000037710	0.40354762	5.44785412	0.19415329	0.40157527
ENSMUSG00000031066	0.40326322	4.97062363	0.19619903	0.40432073
ENSMUSG00000016528	0.40294987	6.97124333	0.19013976	0.39561396
ENSMUSG00000031513	0.4024795	3.41952577	0.21200438	0.4232897
ENSMUSG00000020654	0.40246516	3.60085453	0.21508475	0.42747997
ENSMUSG00000002660	0.40217204	3.19137496	0.22631427	0.44042713
ENSMUSG00000032540	0.40195323	3.93103529	0.20370483	0.41354402
ENSMUSG00000037890	0.40192237	2.03213598	0.25001887	0.46776605
ENSMUSG00000024570	0.40126448	3.46390145	0.21719884	0.42969589
ENSMUSG00000066036	0.40108003	7.49266995	0.19118242	0.39709383
ENSMUSG00000026203	0.40096879	3.23291638	0.22221534	0.43514984
ENSMUSG00000024074	0.40095271	3.13437433	0.21778043	0.43042123
ENSMUSG00000024325	0.40069071	2.28216098	0.25618181	0.47523402
ENSMUSG00000032121	0.40056915	1.72309558	0.25718864	0.47618063
ENSMUSG00000024414	0.40033301	4.26917151	0.20799308	0.41854776

ENSMUSG00000062007	0.4003168	3.96703104	0.20948938	0.42023193
ENSMUSG00000024921	0.40008707	5.55564958	0.19627939	0.40440904
ENSMUSG00000020009	0.39976373	4.94486162	0.20020312	0.40952018
ENSMUSG00000021646	0.39971108	3.60131484	0.2159549	0.42836854
ENSMUSG00000043091	0.39933558	6.20872207	0.19555017	0.40353135
ENSMUSG00000040688	0.39931668	5.04111315	0.20198626	0.41168396
ENSMUSG00000020253	0.39896108	4.69837735	0.20447933	0.41441555
ENSMUSG00000034330	0.39890994	8.20342813	0.19315264	0.4001072
ENSMUSG00000029621	0.39882915	5.98313098	0.19690852	0.40517952
ENSMUSG00000025647	0.39862461	8.89518608	0.19307497	0.40005765
ENSMUSG00000040721	0.39862244	1.93133774	0.26951879	0.48860716
ENSMUSG00000028393	0.39856896	2.61335705	0.24715341	0.4654737
ENSMUSG00000027654	0.39807805	3.83699936	0.21524763	0.4277189
ENSMUSG00000021879	0.39806179	1.64243142	0.26468377	0.48380069
ENSMUSG00000049502	0.3974632	8.03698301	0.19479853	0.40251146
ENSMUSG00000032114	0.3973085	2.52213522	0.24961487	0.4674252
ENSMUSG00000040007	0.39690107	4.4697395	0.20868388	0.41946917
ENSMUSG00000089872	0.39677329	3.31530066	0.22191163	0.43486475
ENSMUSG00000013997	0.39659985	4.48380661	0.20627883	0.41665255
ENSMUSG00000085037	0.39642484	2.14868513	0.24444466	0.4620705
ENSMUSG00000036639	0.39618466	3.49620035	0.2235094	0.43689059
ENSMUSG00000014633	0.39587743	3.53440773	0.22206848	0.43494124
ENSMUSG00000039158	0.39565477	7.23917856	0.19778948	0.40625723
ENSMUSG00000078484	0.395301	2.35074597	0.26179476	0.48119903
ENSMUSG00000028961	0.39512152	6.62388838	0.19957929	0.40887467
ENSMUSG00000020185	0.39482481	4.28771039	0.2116635	0.4232897
ENSMUSG00000003234	0.39471437	5.7584707	0.20258661	0.41239201
ENSMUSG00000004266	0.39439136	7.95601452	0.19850372	0.40706701
ENSMUSG00000041977	0.39435249	4.91503799	0.20623411	0.41665255
ENSMUSG00000024824	0.39419211	4.8580593	0.20886419	0.41967419
ENSMUSG00000073609	0.39413458	3.85324168	0.21476958	0.4272413
ENSMUSG00000036825	0.3939426	3.98634792	0.21622449	0.4285877
ENSMUSG00000037523	0.39377363	5.45444375	0.2047229	0.4147533
ENSMUSG00000078974	0.39325072	6.07270068	0.20277107	0.41253819
ENSMUSG00000026637	0.39308921	3.30761666	0.2281227	0.44237105
ENSMUSG00000001166	0.39308753	3.23225371	0.23105117	0.44510924
ENSMUSG00000046556	0.3926784	3.21419766	0.22928215	0.44351187
ENSMUSG00000042349	0.39233863	5.59451177	0.20572312	0.41599815
ENSMUSG00000022477	0.39194004	7.65564351	0.20157365	0.41136476
ENSMUSG00000029557	0.39180941	1.58016798	0.31404229	0.53844548
ENSMUSG00000037020	0.39135653	4.27280606	0.21508775	0.42747997
ENSMUSG00000036398	0.39134722	5.62958072	0.20738501	0.41789279
ENSMUSG00000009566	0.39066233	3.62309338	0.22793209	0.4421694

ENSMUSG00000026110	0.39048788	6.76151214	0.20394125	0.41363597
ENSMUSG00000028848	0.39029695	3.08485301	0.2360878	0.45154685
ENSMUSG00000031506	0.39000721	6.74122081	0.20501108	0.41502524
ENSMUSG00000011884	0.38998732	5.47783483	0.20924374	0.42012372
ENSMUSG00000063382	0.38992816	2.36232139	0.26958574	0.48860716
ENSMUSG00000046947	0.38948737	3.29735338	0.22967289	0.44371057
ENSMUSG00000027566	0.38906752	7.25632694	0.20541254	0.41575992
ENSMUSG00000035212	0.38881406	5.00783439	0.21256934	0.42388087
ENSMUSG00000063065	0.3883576	4.30787107	0.21999036	0.43259956
ENSMUSG00000025612	0.38834641	4.58532703	0.21555499	0.428093
ENSMUSG00000035954	0.3875082	1.63536416	0.2737182	0.49354026
ENSMUSG00000050106	0.38742798	3.88692965	0.22498125	0.43886133
ENSMUSG00000002102	0.38735079	7.14330742	0.20775847	0.41828652
ENSMUSG00000031659	0.38704421	6.61047518	0.20854157	0.41933849
ENSMUSG00000034401	0.38699704	4.34326302	0.21935749	0.43192533
ENSMUSG00000025278	0.38644768	6.23668228	0.21022664	0.42162621
ENSMUSG00000033068	0.386328	4.62266638	0.22049395	0.43311599
ENSMUSG00000064284	0.38580781	2.47536004	0.27519742	0.4951237
ENSMUSG00000038893	0.38573976	2.68699862	0.25088612	0.46881925
ENSMUSG00000036992	0.38559204	4.63158581	0.21936712	0.43192533
ENSMUSG00000029426	0.38525422	4.94513948	0.21715985	0.42969589
ENSMUSG00000038861	0.38509577	6.26527828	0.21202259	0.4232897
ENSMUSG00000087642	0.38456397	3.67751461	0.23616145	0.45154685
ENSMUSG00000017307	0.38444186	1.90397296	0.28814273	0.51015124
ENSMUSG00000030643	0.3842228	3.98867657	0.23038522	0.4444158
ENSMUSG00000020821	0.38418374	5.0784657	0.21821707	0.43084087
ENSMUSG00000047115	0.38412993	2.23330108	0.2613783	0.48079817
ENSMUSG00000020788	0.38410196	6.78331725	0.21219742	0.42337409
ENSMUSG00000040591	0.38400285	2.71237502	0.25314047	0.47131678
ENSMUSG00000038695	0.38382624	2.06689743	0.30157833	0.52480567
ENSMUSG00000025153	0.38371967	7.10702288	0.2119774	0.4232897
ENSMUSG00000022504	0.38371432	7.42716107	0.21140366	0.4231212
ENSMUSG00000025507	0.3834035	4.09751921	0.22828217	0.44237105
ENSMUSG0000003992	0.38335344	3.59716605	0.23571822	0.45102649
ENSMUSG00000040385	0.38322396	8.48091417	0.21111542	0.42285823
ENSMUSG00000020715	0.38298303	4.7705642	0.22030143	0.43294744
ENSMUSG00000033902	0.38273201	4.4062463	0.22470575	0.43861569
ENSMUSG00000038170	0.38271187	5.96494424	0.21504758	0.42747997
ENSMUSG00000013622	0.38269132	4.66289502	0.22347149	0.43689059
ENSMUSG00000047613	0.38268293	2.81859526	0.25995866	0.47929461
ENSMUSG00000000743	0.38246566	5.24359801	0.21929051	0.43192533
ENSMUSG00000031700	0.3823755	2.88825508	0.2573576	0.47637219
ENSMUSG00000056724	0.38236961	3.88143809	0.2343153	0.44889965

ENSMUSG0000004270	0.38208672	6.05360658	0.21624126	0.4285877
ENSMUSG00000027466	0.38204417	4.92568986	0.22267436	0.4358113
ENSMUSG00000039844	0.38199981	7.62093001	0.21323619	0.42497488
ENSMUSG00000025204	0.38185624	5.0950528	0.22105131	0.43365787
ENSMUSG00000041881	0.38114189	3.4125031	0.24848049	0.46695136
ENSMUSG00000030058	0.38068432	7.48228342	0.21501768	0.42747997
ENSMUSG00000033055	0.38037288	3.49803322	0.24386301	0.46153364
ENSMUSG00000040188	0.38017734	5.93457735	0.21903802	0.43190821
ENSMUSG00000029145	0.38001366	4.72083861	0.22698076	0.44143561
ENSMUSG00000048755	0.37995787	3.36034564	0.24891926	0.46716764
ENSMUSG00000036853	0.37995687	2.55861929	0.26059685	0.48019292
ENSMUSG00000035208	0.37993607	6.7955176	0.2163703	0.42876466
ENSMUSG00000019214	0.37955722	3.17426855	0.25313408	0.47131678
ENSMUSG00000003812	0.37948327	4.95280123	0.22533759	0.43911105
ENSMUSG00000045128	0.37902197	7.24997685	0.21765331	0.43027924
ENSMUSG00000025757	0.37899259	4.74419199	0.22551836	0.43922117
ENSMUSG00000032743	0.37866722	3.3000718	0.2471969	0.4654743
ENSMUSG00000057219	0.37857857	2.60333205	0.26823288	0.48720456
ENSMUSG00000030532	0.37854821	0.54881296	0.41307049	0.62828662
ENSMUSG00000024947	0.37842518	4.70381803	0.22893989	0.44308826
ENSMUSG00000029592	0.37840727	3.53850277	0.24508202	0.4627651
ENSMUSG00000029798	0.37836788	7.4496819	0.21751604	0.43008672
ENSMUSG00000030298	0.37829469	6.69055377	0.2193298	0.43192533
ENSMUSG00000039936	0.37790439	6.99897806	0.21911942	0.43192533
ENSMUSG00000034932	0.37731955	3.839899	0.242263	0.45955395
ENSMUSG00000046805	0.37695265	8.03429105	0.21861069	0.43146004
ENSMUSG00000038644	0.37686447	4.24852631	0.23553821	0.45076203
ENSMUSG00000041891	0.37657162	7.67471957	0.2195761	0.43217898
ENSMUSG00000037563	0.37649482	7.9236452	0.21964332	0.43223239
ENSMUSG00000025485	0.37631325	5.08741864	0.2286313	0.44272938
ENSMUSG00000049339	0.37622101	5.25718318	0.22757522	0.44187453
ENSMUSG00000032890	0.37595644	2.60139613	0.28180205	0.50278208
ENSMUSG00000036918	0.37589141	5.00865672	0.2294552	0.44367134
ENSMUSG00000023909	0.37547198	1.10788117	0.34857583	0.57233055
ENSMUSG00000055228	0.37497277	3.25276665	0.24291395	0.46038384
ENSMUSG00000056310	0.37436036	4.59006236	0.23606457	0.45154685
ENSMUSG00000036632	0.37420993	5.57609035	0.22721779	0.44173726
ENSMUSG00000029458	0.37409383	5.59220433	0.22771594	0.44190907
ENSMUSG00000029771	0.37400983	6.58345907	0.22467023	0.43861569
ENSMUSG00000039738	0.37386685	5.8056395	0.22649646	0.44065269
ENSMUSG00000020610	0.37386668	3.93567134	0.24402449	0.46163131
ENSMUSG00000039195	0.37369697	1.97824955	0.29919191	0.52174735
ENSMUSG00000078606	0.37365151	4.06754487	0.2345182	0.44920857

ENSMUSG00000036315	0.37359838	4.85640053	0.23327959	0.44794998
ENSMUSG00000021248	0.37350181	7.99557489	0.22312578	0.43638881
ENSMUSG00000036864	0.37345665	1.85351623	0.31130625	0.53585421
ENSMUSG00000007817	0.37341986	5.82193384	0.22753863	0.44187453
ENSMUSG00000052684	0.37327528	3.86861357	0.24251758	0.45979423
ENSMUSG00000024816	0.37291857	4.90542777	0.2340157	0.44856475
ENSMUSG00000075467	0.37274834	3.77041845	0.24867438	0.46695136
ENSMUSG00000071647	0.37269374	4.74263824	0.23497196	0.44975818
ENSMUSG00000029204	0.37268929	5.17438546	0.23163354	0.44566209
ENSMUSG00000034707	0.37258664	7.52025973	0.22476799	0.43863517
ENSMUSG00000028645	0.37224964	3.94428541	0.24544754	0.46323175
ENSMUSG00000069744	0.37207636	5.9924831	0.22923445	0.44349916
ENSMUSG00000061898	0.37206046	3.89117997	0.24464183	0.46227746
ENSMUSG00000031059	0.37200134	5.95801143	0.2289211	0.44308826
ENSMUSG00000024799	0.37197169	2.18429248	0.28476189	0.50618118
ENSMUSG00000051498	0.37186633	3.60650431	0.24966331	0.4674252
ENSMUSG00000028630	0.37182853	3.13616644	0.25799001	0.4769697
ENSMUSG00000041958	0.37176971	5.18982096	0.23325841	0.44794998
ENSMUSG00000046031	0.37162336	1.16379723	0.36682836	0.58884743
ENSMUSG00000058979	0.37045977	3.59629624	0.25258286	0.47076626
ENSMUSG00000019261	0.37021757	1.05742362	0.37302372	0.59472025
ENSMUSG00000031539	0.3695049	4.15414028	0.24415874	0.46176917
ENSMUSG00000033020	0.36940137	2.72886938	0.27635791	0.49645676
ENSMUSG00000074802	0.36932081	5.31807072	0.23424686	0.44884829
ENSMUSG00000076518	0.36899464	3.64919963	0.24839755	0.46695136
ENSMUSG00000003680	0.3687492	4.82092158	0.23823115	0.45431636
ENSMUSG00000017386	0.36826306	2.94773868	0.27455353	0.49448602
ENSMUSG00000029627	0.36801352	2.44974206	0.29216452	0.5142191
ENSMUSG00000044712	0.36794268	2.6819401	0.2791909	0.4999659
ENSMUSG00000018707	0.3678611	7.51921924	0.23052991	0.44449036
ENSMUSG00000027075	0.36774645	3.18210502	0.26235426	0.48148882
ENSMUSG00000037260	0.36703471	4.7662532	0.24058673	0.45749379
ENSMUSG00000029512	0.36648971	4.02567794	0.24974195	0.46749126
ENSMUSG00000022090	0.36615529	3.48101962	0.26214955	0.48144719
ENSMUSG00000034557	0.36573143	1.04060544	0.32947735	0.55464628
ENSMUSG00000089855	0.36529952	5.27929598	0.24263475	0.45993551
ENSMUSG00000030590	0.36525079	2.52327907	0.28117287	0.50218089
ENSMUSG00000073838	0.36522506	4.91426387	0.24425951	0.46181149
ENSMUSG00000004500	0.36512623	4.02196867	0.25151321	0.46982824
ENSMUSG00000031065	0.36494164	5.8674612	0.23829506	0.45434475
ENSMUSG00000043262	0.36461099	4.32052558	0.24606028	0.46398218
ENSMUSG00000090137	0.36425564	0.59231526	0.42584193	0.63955617
ENSMUSG00000024487	0.36424091	5.86031988	0.23834897	0.4543672



ENSMUSG00000071711	0.36364999	2.00461078	0.30717872	0.53112318
ENSMUSG00000060012	0.36358782	3.45812168	0.26359175	0.48277403
ENSMUSG00000003166	0.36332293	5.5418339	0.24153553	0.45890049
ENSMUSG00000087679	0.3627512	3.92187856	0.25677795	0.47575778
ENSMUSG00000031402	0.36247861	6.07066632	0.24033372	0.45726162
ENSMUSG00000044060	0.36206501	3.36728482	0.26481044	0.4838556
ENSMUSG00000026171	0.36200148	4.27563833	0.25193212	0.47028492
ENSMUSG00000044390	0.36178643	1.26823789	0.34898132	0.57253042
ENSMUSG00000026942	0.36138118	4.79540399	0.24962663	0.4674252
ENSMUSG00000024826	0.36136769	6.18461811	0.24173516	0.459
ENSMUSG00000032965	0.36135214	3.36639003	0.26986346	0.48886403
ENSMUSG00000000708	0.36091745	5.54711369	0.24379652	0.46148879
ENSMUSG00000040356	0.36055864	4.96032109	0.24982171	0.4675594
ENSMUSG00000021552	0.36054537	3.21543077	0.26857817	0.48743638
ENSMUSG00000003178	0.36028687	3.32979238	0.26615786	0.48539207
ENSMUSG00000025759	0.35999664	4.07873656	0.25425109	0.4728132
ENSMUSG00000022802	0.35983702	2.20687869	0.29174188	0.5139919
ENSMUSG00000095595	0.35974548	4.8218342	0.24903578	0.46724664
ENSMUSG00000033540	0.35923723	3.97803365	0.26071102	0.48019292
ENSMUSG00000076577	0.35870335	4.91660628	0.2506034	0.4684533
ENSMUSG00000025034	0.35863939	3.12374821	0.2741796	0.49402721
ENSMUSG00000032116	0.35861376	9.32409031	0.24133847	0.45860688
ENSMUSG00000020393	0.35808334	4.01153438	0.25944592	0.47859472
ENSMUSG00000037622	0.35754817	3.07298246	0.28619615	0.50778862
ENSMUSG00000031753	0.35741926	5.7263843	0.24867445	0.46695136
ENSMUSG00000019210	0.35690493	6.05454099	0.24819895	0.46679063
ENSMUSG00000000194	0.35677765	5.66550895	0.24920465	0.46736194
ENSMUSG00000026425	0.35672344	6.49644872	0.24675885	0.46489298
ENSMUSG00000037628	0.35644781	4.21314235	0.25852027	0.47770435
ENSMUSG00000024892	0.35633399	1.67278985	0.35920953	0.5813771
ENSMUSG00000022515	0.35622114	3.427644	0.27461503	0.49448602
ENSMUSG00000032123	0.35529032	4.76547773	0.25685888	0.47575778
ENSMUSG00000041645	0.35523142	7.87936229	0.24675834	0.46489298
ENSMUSG00000030881	0.35512316	4.74755163	0.25750653	0.47647203
ENSMUSG00000006335	0.35478182	2.89877585	0.28533815	0.50693354
ENSMUSG00000033423	0.35449982	3.89107412	0.26862708	0.48744311
ENSMUSG00000027248	0.35446789	11.0414834	0.24649357	0.46463672
ENSMUSG00000023307	0.35439278	6.51554835	0.2496351	0.4674252
ENSMUSG00000020108	0.35419782	4.01326533	0.26592121	0.48530959
ENSMUSG00000028847	0.35414274	5.27055063	0.25567037	0.47479752
ENSMUSG00000007892	0.35376155	6.39527611	0.25208189	0.47037834
ENSMUSG00000024369	0.35351079	4.16079582	0.2666006	0.48569517
ENSMUSG00000020834	0.35333396	2.54271489	0.30537661	0.52887137

ENSMUSG00000052423	0.35302701	3.87522671	0.26980809	0.48884584
ENSMUSG00000056228	0.35280144	4.04526238	0.2677506	0.48659964
ENSMUSG00000039615	0.35243848	4.32670272	0.26822445	0.48720456
ENSMUSG00000041684	0.35243312	4.07634302	0.26456582	0.48380069
ENSMUSG00000039307	0.3518036	2.77160625	0.29250073	0.51448832
ENSMUSG00000032184	0.3517907	1.0581026	0.40595156	0.62334923
ENSMUSG00000024169	0.35098604	5.8358972	0.25662446	0.47558655
ENSMUSG00000041187	0.35097352	6.01372594	0.25621389	0.47523402
ENSMUSG00000026819	0.35048658	3.72241328	0.27781858	0.49800458
ENSMUSG00000046806	0.35044957	2.61651351	0.30304777	0.52651316
ENSMUSG00000039244	0.35039155	4.10623194	0.27301937	0.49275999
ENSMUSG00000042744	0.35037716	4.97293543	0.26076557	0.48020763
ENSMUSG00000031360	0.34947674	5.98223685	0.25772104	0.47671761
ENSMUSG00000032324	0.34936091	5.1937296	0.26129505	0.48078945
ENSMUSG00000040548	0.34913007	4.65878248	0.26672451	0.48570705
ENSMUSG00000040234	0.34889127	4.21306257	0.2709159	0.490441
ENSMUSG00000001524	0.34866308	3.69875455	0.281751	0.50278208
ENSMUSG00000030314	0.34823871	3.47545317	0.2907507	0.51316785
ENSMUSG00000045092	0.34816592	6.25597464	0.25893119	0.47821783
ENSMUSG00000030220	0.34808792	9.89428908	0.25527341	0.474142
ENSMUSG00000030670	0.34806254	1.56340764	0.32879167	0.55375439
ENSMUSG00000025289	0.34778439	6.16785949	0.25980995	0.47910234
ENSMUSG00000036057	0.34767888	4.71584532	0.26955885	0.48860716
ENSMUSG00000002010	0.34732599	6.53735014	0.25966691	0.47892046
ENSMUSG00000025384	0.34639548	1.21783053	0.39674808	0.61528185
ENSMUSG00000005566	0.3461094	7.9191278	0.25914872	0.4784557
ENSMUSG00000026727	0.34585335	5.66297721	0.26385484	0.4829857
ENSMUSG00000039205	0.34578991	4.49459286	0.27411741	0.49402721
ENSMUSG00000028419	0.34568338	5.68867466	0.26405556	0.48313118
ENSMUSG00000026483	0.34567319	6.46993447	0.26165487	0.48102389
ENSMUSG00000052752	0.34552394	6.65281326	0.26184851	0.4812158
ENSMUSG00000069892	0.34550293	6.65755904	0.26087093	0.48031964
ENSMUSG00000039294	0.34514611	6.60163036	0.2622595	0.48147852
ENSMUSG00000026504	0.34507265	4.25702221	0.27546729	0.49535423
ENSMUSG00000078317	0.34497408	1.27998166	0.35737941	0.57954579
ENSMUSG00000002015	0.34477319	7.30630125	0.26149612	0.48085391
ENSMUSG00000003421	0.3447102	3.71105446	0.28600178	0.50765731
ENSMUSG00000057596	0.3444059	7.56619574	0.26130443	0.48078945
ENSMUSG00000020340	0.34439002	8.74529782	0.26071305	0.48019292
ENSMUSG00000024063	0.34412161	5.78521251	0.2665199	0.48569517
ENSMUSG00000020311	0.34399938	5.60082777	0.26606879	0.48533251
ENSMUSG00000073902	0.34328719	8.64746948	0.26215085	0.48144719
ENSMUSG00000060600	0.34319246	1.33778869	0.39291303	0.61275114

ENSMUSG00000074358	0.34281834	0.99028539	0.43694368	0.64901466
ENSMUSG00000039849	0.34278718	4.27200959	0.27953008	0.50040711
ENSMUSG00000057841	0.34237374	9.4078797	0.2633214	0.48252472
ENSMUSG00000042523	0.34193326	2.24035452	0.31476955	0.5394906
ENSMUSG00000022551	0.34189694	6.17803798	0.26850358	0.48738304
ENSMUSG00000073557	0.34157559	3.82630038	0.28418376	0.50546555
ENSMUSG00000022553	0.34136577	4.73066293	0.27696135	0.4971754
ENSMUSG00000084899	0.34110469	2.69363714	0.30597115	0.52954467
ENSMUSG00000038429	0.34107411	6.83596011	0.26775614	0.48659964
ENSMUSG00000028044	0.3407875	5.14027586	0.27461766	0.49448602
ENSMUSG00000014606	0.34072253	5.94349078	0.27028649	0.48944259
ENSMUSG00000021916	0.34042465	4.28857289	0.28080918	0.50194699
ENSMUSG00000039850	0.33994273	1.85516646	0.35212583	0.57532874
ENSMUSG00000063286	0.3397908	8.19370685	0.26727857	0.4863054
ENSMUSG00000022951	0.33977429	3.19805641	0.30481946	0.52853791
ENSMUSG00000059363	0.33897958	3.08956365	0.30970533	0.53380107
ENSMUSG00000029924	0.33887223	4.32730106	0.28110682	0.5021461
ENSMUSG00000015542	0.33872958	1.72344879	0.39349439	0.61309072
ENSMUSG00000070808	0.33860372	4.02531382	0.29065947	0.51309081
ENSMUSG00000054414	0.33834143	6.08456969	0.27267959	0.49242354
ENSMUSG00000032046	0.33829636	5.23011539	0.27698976	0.4971754
ENSMUSG00000064120	0.33820131	2.43705682	0.32493035	0.54974097
ENSMUSG00000034781	0.3381492	3.12587709	0.30285534	0.52626361
ENSMUSG00000037570	0.33771841	3.15451537	0.31160785	0.53620218
ENSMUSG00000047284	0.33757111	4.55436673	0.28504929	0.5065038
ENSMUSG00000022131	0.33739345	3.27498204	0.29728438	0.51942884
ENSMUSG00000045435	0.33711923	3.32252416	0.29935427	0.52194606
ENSMUSG00000025538	0.33679225	3.7664256	0.29273402	0.51481468
ENSMUSG00000053617	0.33665112	4.19216028	0.28782042	0.50974798
ENSMUSG0000002486	0.33614703	3.51129194	0.30254625	0.52598078
ENSMUSG00000035878	0.33611122	1.11995635	0.40115499	0.61932633
ENSMUSG00000020029	0.33601461	7.23342716	0.27368308	0.49354026
ENSMUSG00000034639	0.33595522	1.31678022	0.38892699	0.60957343
ENSMUSG00000015750	0.33585853	5.33815497	0.28041243	0.5013209
ENSMUSG00000027331	0.33533459	6.02571762	0.27758753	0.49767314
ENSMUSG00000053581	0.33531399	4.66677916	0.28486387	0.50625774
ENSMUSG00000067341	0.33499471	6.58221378	0.27623349	0.49640093
ENSMUSG00000018040	0.33478316	5.73618759	0.28024224	0.5011828
ENSMUSG00000002325	0.33444477	6.76655142	0.27675367	0.49692167
ENSMUSG00000028700	0.3343574	4.77107471	0.28602799	0.50765731
ENSMUSG00000031310	0.33348434	5.40134063	0.2827115	0.50401071
ENSMUSG00000027742	0.33338586	5.61066691	0.28151082	0.50261799
ENSMUSG00000030337	0.3332984	4.01980776	0.29202528	0.51421331

ENSMUSG00000028657	0.33319544	6.40208964	0.27935939	0.50018458
ENSMUSG00000024927	0.3331783	5.03038086	0.28714375	0.50896748
ENSMUSG00000042535	0.33300768	5.81328796	0.28205504	0.5030899
ENSMUSG00000022043	0.33291084	6.25584296	0.28011224	0.5010334
ENSMUSG00000037992	0.33243638	3.23233188	0.3204712	0.54530228
ENSMUSG00000042724	0.33233943	2.55790026	0.32645093	0.55118943
ENSMUSG00000029156	0.33231719	3.788542	0.29677469	0.51870636
ENSMUSG00000028102	0.33223777	4.04945223	0.29541818	0.51725762
ENSMUSG00000042817	0.33200261	5.56355323	0.28389629	0.50512483
ENSMUSG00000054021	0.33168186	1.20552317	0.3756462	0.59699164
ENSMUSG00000020781	0.33166763	3.35571975	0.31821274	0.54317299
ENSMUSG00000030733	0.33159362	4.50243865	0.29413991	0.51589203
ENSMUSG00000061887	0.33145691	4.5787007	0.29122932	0.5138444
ENSMUSG00000023243	0.33144817	3.49922406	0.30667032	0.53032917
ENSMUSG00000086605	0.33144279	2.46653079	0.33672	0.56097459
ENSMUSG00000039917	0.33138655	3.52583772	0.30738272	0.53136408
ENSMUSG00000005225	0.33057016	4.82137037	0.28984562	0.51215717
ENSMUSG00000022186	0.33030094	7.94315227	0.28127701	0.5022837
ENSMUSG00000042082	0.33017133	5.4689122	0.28710955	0.50896748
ENSMUSG00000030447	0.33009883	6.47570724	0.28368023	0.50506977
ENSMUSG00000015461	0.32972118	4.64274199	0.29513825	0.51701931
ENSMUSG00000009555	0.32895893	5.93972189	0.2875739	0.50956242
ENSMUSG00000024675	0.32885013	8.31503224	0.28300318	0.50428298
ENSMUSG00000028470	0.32867357	2.10352739	0.35136754	0.57483597
ENSMUSG00000039328	0.32860778	1.54199259	0.38983982	0.61042715
ENSMUSG00000021133	0.3282922	5.22324768	0.2914912	0.51390128
ENSMUSG00000001098	0.32825299	5.29131194	0.29146928	0.51390128
ENSMUSG00000028698	0.32807113	3.08997192	0.31639598	0.54098846
ENSMUSG00000025871	0.32795379	6.15245563	0.28777906	0.50974798
ENSMUSG00000019254	0.32779968	4.94244786	0.29498247	0.51683038
ENSMUSG00000034959	0.32765685	4.96874629	0.29394366	0.51589203
ENSMUSG00000038843	0.32695251	5.15906877	0.29284867	0.51487029
ENSMUSG00000069520	0.3267781	4.78205497	0.29677255	0.51870636
ENSMUSG00000029175	0.32667155	2.87177688	0.3313137	0.55650982
ENSMUSG00000034135	0.32664835	5.48443422	0.29290887	0.51487029
ENSMUSG00000018286	0.32634383	6.05448545	0.29138816	0.51390128
ENSMUSG00000025025	0.32599192	2.86810908	0.3313137	0.55650982
ENSMUSG00000028692	0.32515912	7.53628397	0.28937284	0.51148939
ENSMUSG00000009640	0.32508708	3.46902474	0.32053701	0.54530228
ENSMUSG00000027327	0.32505326	2.77221366	0.33583298	0.56008281
ENSMUSG00000033102	0.32502777	4.12672936	0.30370457	0.52731445
ENSMUSG00000033916	0.32480938	5.8092297	0.29430339	0.51589203
ENSMUSG00000018199	0.32400277	2.80206607	0.32469646	0.54953381

ENSMUSG00000040479	0.32376814	5.19031122	0.29914489	0.52174735
ENSMUSG00000037190	0.3234482	2.98136744	0.33155617	0.55652855
ENSMUSG00000063236	0.32340278	3.03158679	0.33459922	0.55936421
ENSMUSG00000000881	0.323402	4.99349205	0.29958047	0.52216863
ENSMUSG00000035443	0.32283295	4.79333809	0.30272319	0.52611876
ENSMUSG00000028199	0.32236524	2.35709567	0.35161992	0.57498087
ENSMUSG00000045576	0.32232335	2.89508036	0.33224678	0.55687742
ENSMUSG00000055839	0.32215823	3.65610224	0.31903644	0.54403683
ENSMUSG00000053044	0.32212184	1.32888017	0.35515124	0.57775698
ENSMUSG00000051238	0.32173345	2.1829397	0.36189428	0.58391051
ENSMUSG00000071650	0.32118392	8.66812866	0.29424689	0.51589203
ENSMUSG00000094724	0.32114774	1.3562168	0.42067813	0.63514811
ENSMUSG00000013593	0.3209503	6.88531355	0.29675817	0.51870636
ENSMUSG00000062691	0.32017302	3.07179616	0.3348609	0.55943299
ENSMUSG00000029516	0.32016154	5.32525084	0.30320869	0.52670788
ENSMUSG00000018761	0.31999004	5.15926504	0.30538594	0.52887137
ENSMUSG00000040528	0.31993507	4.90729738	0.30553428	0.52895836
ENSMUSG00000065979	0.31989049	4.03850767	0.31426784	0.53871632
ENSMUSG00000031703	0.31985029	6.57574145	0.29856209	0.52115467
ENSMUSG00000060802	0.31932978	11.0743195	0.29635552	0.51861002
ENSMUSG00000090210	0.3188737	1.73890362	0.39657141	0.61526686
ENSMUSG00000032497	0.31866698	4.55387132	0.31168619	0.53625141
ENSMUSG00000028618	0.31817809	6.53556502	0.30120677	0.52449763
ENSMUSG00000052146	0.31758441	6.84503012	0.3022281	0.52561791
ENSMUSG00000043384	0.31722974	5.57071244	0.30537365	0.52887137
ENSMUSG00000025260	0.31690569	4.70284187	0.31337987	0.53796379
ENSMUSG00000032038	0.31690331	3.59351906	0.32505246	0.54982381
ENSMUSG00000025486	0.31686781	1.0232791	0.44649291	0.65688671
ENSMUSG00000063931	0.31676035	4.04428173	0.32207248	0.5467433
ENSMUSG00000032952	0.31672651	5.04893067	0.3093618	0.53344382
ENSMUSG00000039183	0.31659504	4.83019662	0.31532124	0.54017859
ENSMUSG00000068739	0.31658921	6.77146848	0.3038465	0.52739106
ENSMUSG00000031516	0.31578803	4.31341883	0.31700061	0.54185046
ENSMUSG00000064326	0.31566285	2.77355428	0.36065061	0.58274741
ENSMUSG00000075256	0.3155938	2.30697017	0.35620381	0.57851354
ENSMUSG00000020775	0.3154701	4.30749749	0.32011281	0.54518265
ENSMUSG00000098332	0.31545469	1.74917421	0.38750486	0.60827546
ENSMUSG00000046417	0.31544965	1.96313411	0.38823851	0.60873677
ENSMUSG00000006526	0.31543068	3.68501425	0.32865232	0.55360616
ENSMUSG00000024130	0.31538403	4.88260447	0.31405658	0.53844548
ENSMUSG00000024007	0.3152608	5.43757088	0.31148425	0.53607503
ENSMUSG00000079197	0.31517182	8.12412644	0.30380396	0.52739106
ENSMUSG00000022848	0.31515403	2.57058569	0.36002054	0.58225278

ENSMUSG0000001123	0.3149724	8.7064561	0.30362772	0.52726592
ENSMUSG00000085882	0.31466507	1.79895292	0.38478349	0.60612112
ENSMUSG00000015291	0.31460092	7.40527477	0.3052197	0.52887137
ENSMUSG00000022364	0.31449375	5.77461861	0.30870622	0.53282457
ENSMUSG00000070336	0.3144675	1.26598591	0.3968235	0.61529038
ENSMUSG00000031639	0.31444998	2.87483619	0.33428715	0.55916746
ENSMUSG00000046876	0.31443853	5.291754	0.31065879	0.53507581
ENSMUSG00000019505	0.31383643	7.71630439	0.3062502	0.52977256
ENSMUSG00000030677	0.31377408	6.26746839	0.30932994	0.53344382
ENSMUSG00000026004	0.31346761	3.93694315	0.32120986	0.54596152
ENSMUSG00000030823	0.31326344	1.95760207	0.37262277	0.59434462
ENSMUSG00000042203	0.31307149	4.47918697	0.32122829	0.54596152
ENSMUSG00000097750	0.31274654	0.88035333	0.43912875	0.65024023
ENSMUSG00000020576	0.31265184	6.53199947	0.30967958	0.53380107
ENSMUSG00000028551	0.31263595	3.74090062	0.33531974	0.55950612
ENSMUSG00000014859	0.31245713	6.33990591	0.31130493	0.53585421
ENSMUSG00000006567	0.31211845	0.7812445	0.51469173	0.71039702
ENSMUSG00000029570	0.31184343	2.63452401	0.3776331	0.59923415
ENSMUSG00000023791	0.31171491	3.92923097	0.32602092	0.55080834
ENSMUSG00000001143	0.31168285	4.48822053	0.32209386	0.5467433
ENSMUSG00000001829	0.31154844	4.83075488	0.32089461	0.54556637
ENSMUSG00000016664	0.31148586	6.00548598	0.31327124	0.53789127
ENSMUSG00000046541	0.31146022	3.14966503	0.35325592	0.57624164
ENSMUSG00000049680	0.31085942	4.0644105	0.33239366	0.55698498
ENSMUSG00000098112	0.31066055	5.8761877	0.31547725	0.54030327
ENSMUSG00000025981	0.31050978	4.43726729	0.32038508	0.54530228
ENSMUSG00000030008	0.31020566	3.61874454	0.34216571	0.56585109
ENSMUSG00000025283	0.31015746	5.52092775	0.31615572	0.54078025
ENSMUSG00000027074	0.31002345	7.65907162	0.31210158	0.53662364
ENSMUSG00000068663	0.30996506	5.13923946	0.31991241	0.54492741
ENSMUSG00000023072	0.30967458	3.93699596	0.33457797	0.55936421
ENSMUSG00000022443	0.30957002	8.06275888	0.31250532	0.53699096
ENSMUSG00000035181	0.30945794	5.09149975	0.32018793	0.54522448
ENSMUSG00000021356	0.3093973	9.01156765	0.31200944	0.53662364
ENSMUSG00000015340	0.30912466	9.72279865	0.31221627	0.53673525
ENSMUSG00000014932	0.3090954	2.56213926	0.3381175	0.56234717
ENSMUSG00000045005	0.30863215	2.94715824	0.34950455	0.57264887
ENSMUSG00000031858	0.30850934	5.98963593	0.31772557	0.54265957
ENSMUSG00000003200	0.30838854	4.11841895	0.33657754	0.56090309
ENSMUSG00000016427	0.30804276	4.54759339	0.32756323	0.55272131
ENSMUSG00000039354	0.30800497	5.06495334	0.32359469	0.54842764
ENSMUSG00000047379	0.3077795	2.18136812	0.37523666	0.59678326
ENSMUSG00000031161	0.30775907	4.74831256	0.32828481	0.55333283

ENSMUSG00000032322	0.30748963	3.96890048	0.33757379	0.56170279
ENSMUSG00000001741	0.30735105	7.09601208	0.31709372	0.54192372
ENSMUSG00000075704	0.30717451	3.3864426	0.34872455	0.57233055
ENSMUSG00000025142	0.30707721	3.6575277	0.34484602	0.56868628
ENSMUSG00000011306	0.30698641	5.02120586	0.3258463	0.55059958
ENSMUSG00000022179	0.30681331	1.8386707	0.41097257	0.62668667
ENSMUSG00000097204	0.30645582	0.89039569	0.44926789	0.65917074
ENSMUSG00000025037	0.30640084	4.18495554	0.33178058	0.55652855
ENSMUSG00000034110	0.30633774	3.14509703	0.35202059	0.57526747
ENSMUSG00000068329	0.30630348	5.54570308	0.32429478	0.5490964
ENSMUSG00000029177	0.30606555	6.26017284	0.32088709	0.54556637
ENSMUSG00000051391	0.30605028	7.64904362	0.31832838	0.54317299
ENSMUSG00000021871	0.30599068	6.43611945	0.32075452	0.54556637
ENSMUSG00000033326	0.30562799	6.23645102	0.32196179	0.54671337
ENSMUSG00000003500	0.30538026	4.54246948	0.33502967	0.55945494
ENSMUSG00000028391	0.30528067	1.1262663	0.42427484	0.63830635
ENSMUSG00000044864	0.30513155	3.93610728	0.33852641	0.56250674
ENSMUSG00000018001	0.30481072	3.0399889	0.3579848	0.57983673
ENSMUSG00000000275	0.30478353	7.9619003	0.31991131	0.54492741
ENSMUSG00000042626	0.30458757	6.35193561	0.32312711	0.54797967
ENSMUSG00000006442	0.30449002	6.47100326	0.32349376	0.54842764
ENSMUSG00000037815	0.30430838	5.81701787	0.32541493	0.55004304
ENSMUSG00000057963	0.30414188	2.99917673	0.36473242	0.58653062
ENSMUSG00000073982	0.30385297	5.27704208	0.32972281	0.55485256
ENSMUSG00000039662	0.30365487	5.45654677	0.32798032	0.55314336
ENSMUSG00000015149	0.30362011	4.55556801	0.33511383	0.55950612
ENSMUSG00000001289	0.30338132	5.86031244	0.32722209	0.55223208
ENSMUSG00000045216	0.30315115	5.03770153	0.33241425	0.55698498
ENSMUSG00000033769	0.30285432	4.06448352	0.33962493	0.56372407
ENSMUSG00000025377	0.30284642	2.6864976	0.37647188	0.59785289
ENSMUSG00000031021	0.30205838	4.8190096	0.33381521	0.55865585
ENSMUSG00000003423	0.30191285	3.09995955	0.36874556	0.59056801
ENSMUSG00000026107	0.30188433	8.78377559	0.32396652	0.54888531
ENSMUSG00000030577	0.30169949	9.07645855	0.32428781	0.5490964
ENSMUSG00000018559	0.30144659	6.1347056	0.32952696	0.55464628
ENSMUSG00000053134	0.30140807	4.08300314	0.34492164	0.56868628
ENSMUSG00000024163	0.3012588	5.52735614	0.33220255	0.55687742
ENSMUSG00000019791	0.30116436	3.23963468	0.35980058	0.58198433
ENSMUSG00000045917	0.30105648	3.75344528	0.3476762	0.57154576
ENSMUSG00000039770	0.30093402	4.21139788	0.34091296	0.56455856
ENSMUSG00000066057	0.30083794	1.16170637	0.49014727	0.69114856
ENSMUSG00000031783	0.30078314	5.47750302	0.3333483	0.55820312
ENSMUSG00000034022	0.30074441	5.98685508	0.33097966	0.5563743

ENSMUSG00000026924	0.30066993	7.30564366	0.32719991	0.55223208
ENSMUSG00000021495	0.30050747	3.84059371	0.35138341	0.57483597
ENSMUSG00000019979	0.30049403	6.75119799	0.32802588	0.55314336
ENSMUSG00000022744	0.30049166	9.09900398	0.3261214	0.5508918
ENSMUSG00000033099	0.30012752	3.85105518	0.35447152	0.57726077
ENSMUSG00000029466	0.30008784	5.51212913	0.33382588	0.55865585
ENSMUSG00000031399	0.29926445	3.15781415	0.36840778	0.5903283
ENSMUSG00000051124	0.29907593	5.69650737	0.33361607	0.55854516
ENSMUSG00000028673	0.29903521	5.54040275	0.33561168	0.55982
ENSMUSG00000000278	0.29865473	6.82484685	0.33160093	0.55652855
ENSMUSG00000022544	0.29851011	2.96781497	0.36950259	0.59137962
ENSMUSG00000032604	0.29833432	7.30226103	0.33113874	0.5564906
ENSMUSG00000003808	0.29824471	5.9146051	0.33531489	0.55950612
ENSMUSG00000027828	0.29810217	9.74029112	0.32975242	0.55485256
ENSMUSG00000045282	0.29764186	0.882206	0.50272585	0.70115005
ENSMUSG00000015869	0.29760067	5.10165407	0.34017641	0.56420523
ENSMUSG00000047030	0.297569	4.6883458	0.34449873	0.56831488
ENSMUSG00000001065	0.29738408	3.01961059	0.37791047	0.59932154
ENSMUSG00000058301	0.29733014	5.78902974	0.33785565	0.56203708
ENSMUSG00000069808	0.29719448	3.24966762	0.36210229	0.58391051
ENSMUSG00000031728	0.29704903	2.35397847	0.40361159	0.62150359
ENSMUSG00000024622	0.29695824	5.56126499	0.33851046	0.56250674
ENSMUSG00000000876	0.29691731	3.21309953	0.36809343	0.59013135
ENSMUSG00000033703	0.29670944	2.18975072	0.40259962	0.6204994
ENSMUSG00000055943	0.2964197	6.30494158	0.33605506	0.5602996
ENSMUSG00000005779	0.29611502	7.66886431	0.33444953	0.55935231
ENSMUSG00000050786	0.29584273	2.19411554	0.39109505	0.61137642
ENSMUSG00000041346	0.29577834	3.60734559	0.36104003	0.58302721
ENSMUSG00000040312	0.29545308	2.47875043	0.38740832	0.6082343
ENSMUSG00000036944	0.29542205	3.93880699	0.35382908	0.57669803
ENSMUSG00000043773	0.29542169	3.45807611	0.35716907	0.57937895
ENSMUSG00000026946	0.29519468	5.68965568	0.34024615	0.56423412
ENSMUSG00000039395	0.29468594	5.93109298	0.34037756	0.56435327
ENSMUSG00000076677	0.29460892	6.00980944	0.33922005	0.56315466
ENSMUSG00000009549	0.29410847	5.88135256	0.34111879	0.56464653
ENSMUSG00000030707	0.29402782	8.20027666	0.33734371	0.56160326
ENSMUSG00000023048	0.29399925	5.27805142	0.34504513	0.5687812
ENSMUSG00000048799	0.2938286	6.10614999	0.34057136	0.56442625
ENSMUSG00000025474	0.2934463	5.271652	0.34562632	0.56939112
ENSMUSG00000045822	0.29333442	2.70700456	0.375102	0.59678326
ENSMUSG00000006850	0.29211398	2.4517084	0.41266659	0.6281807
ENSMUSG00000032557	0.29203186	6.05596227	0.3439449	0.56776034
ENSMUSG00000061479	0.2919826	5.13380367	0.34938329	0.57260629



ENSMUSG00000020477	0.29197651	3.71341714	0.36859211	0.59053593
ENSMUSG00000000441	0.29183521	6.91538959	0.34243378	0.56616397
ENSMUSG00000042213	0.29182524	2.70517293	0.39279029	0.61264831
ENSMUSG00000020869	0.29169285	8.07171514	0.3411872	0.56466586
ENSMUSG00000019923	0.29166968	7.50810389	0.34161638	0.56511597
ENSMUSG00000020372	0.29138049	9.95049939	0.34081038	0.56454669
ENSMUSG00000029313	0.29098176	7.23266886	0.34290552	0.56655326
ENSMUSG00000070953	0.29009163	4.05750079	0.36024747	0.58247522
ENSMUSG00000070822	0.28987459	1.54090398	0.45110806	0.66079182
ENSMUSG00000038274	0.28949441	5.22749441	0.35407748	0.57680326
ENSMUSG00000057530	0.28946197	4.21751357	0.36038182	0.58247522
ENSMUSG00000031090	0.28936483	2.7260197	0.40742387	0.62395419
ENSMUSG00000032633	0.28915495	5.22775961	0.35375817	0.57669803
ENSMUSG00000017774	0.28853161	6.60654368	0.34917092	0.57254306
ENSMUSG00000018449	0.28803783	4.04613802	0.36701391	0.58891694
ENSMUSG00000032119	0.28778537	4.15544612	0.36564074	0.58755323
ENSMUSG00000024597	0.28757187	6.62854632	0.34959853	0.57264887
ENSMUSG00000056941	0.28751306	4.54964102	0.35941918	0.58147497
ENSMUSG00000024906	0.28745799	2.63348751	0.41556851	0.6302195
ENSMUSG00000037548	0.28732339	7.95146822	0.34861081	0.57233055
ENSMUSG00000079685	0.28728972	5.5229841	0.35246824	0.57556292
ENSMUSG00000037405	0.28717878	6.42134432	0.35168526	0.57498087
ENSMUSG00000002580	0.28705581	5.50750632	0.35512831	0.57775698
ENSMUSG00000008668	0.28701488	8.38798287	0.34887457	0.57246856
ENSMUSG00000068742	0.28696503	3.35525335	0.38349364	0.60479605
ENSMUSG00000029171	0.28648358	5.2776703	0.35665257	0.5788023
ENSMUSG00000028189	0.2863764	3.65151081	0.3719269	0.59358587
ENSMUSG00000024350	0.28612562	5.17219965	0.35735576	0.57954579
ENSMUSG00000022177	0.28593523	4.17180502	0.3705863	0.59244981
ENSMUSG00000048787	0.28469023	3.08375285	0.38596237	0.60687924
ENSMUSG00000033530	0.28468502	4.56738761	0.36598077	0.58783685
ENSMUSG00000020717	0.2844663	6.35276461	0.35588815	0.57848057
ENSMUSG00000034066	0.28420985	2.61268123	0.38944782	0.61017075
ENSMUSG00000011837	0.28420402	3.11930091	0.39720708	0.61570808
ENSMUSG00000022439	0.28414381	7.22989248	0.35495713	0.57761546
ENSMUSG00000034088	0.28408973	9.52021613	0.35306534	0.57624164
ENSMUSG00000024613	0.28407477	6.4819739	0.35714358	0.57937895
ENSMUSG00000023118	0.28402212	6.31299645	0.3576379	0.57973159
ENSMUSG00000032239	0.28390574	4.47896145	0.36696074	0.58891694
ENSMUSG00000072889	0.28376898	4.96122984	0.363073	0.58473405
ENSMUSG00000027637	0.2837008	6.76055948	0.35625988	0.57851354
ENSMUSG00000038467	0.28352447	7.16313676	0.35602518	0.57848057
ENSMUSG00000021910	0.2834861	7.12798334	0.3560206	0.57848057

ENSMUSG00000051344	0.2832155	6.12169238	0.35791321	0.57983673
ENSMUSG00000073481	0.2829853	5.54699305	0.36225742	0.58391156
ENSMUSG00000048154	0.28282184	5.51762533	0.36133504	0.58324159
ENSMUSG00000028221	0.28274716	4.56441096	0.36628197	0.58823302
ENSMUSG00000038503	0.28205872	5.84586182	0.36223949	0.58391156
ENSMUSG00000032218	0.28164287	6.10309167	0.36207717	0.58391051
ENSMUSG00000021298	0.28157698	6.0938553	0.36203515	0.58391051
ENSMUSG00000038543	0.28129504	4.31438756	0.37449351	0.5962702
ENSMUSG00000027247	0.28101472	5.92731746	0.36366079	0.58524369
ENSMUSG00000025354	0.2808658	6.27195469	0.36237988	0.58396663
ENSMUSG00000041926	0.2808106	5.66888024	0.36543601	0.58731177
ENSMUSG00000036026	0.28078299	3.69954032	0.38647151	0.60718368
ENSMUSG00000028108	0.28069886	0.87817228	0.53392486	0.72546293
ENSMUSG00000081453	0.28050245	1.27187036	0.46985724	0.67613297
ENSMUSG00000070972	0.28009025	4.16453583	0.37527405	0.59678326
ENSMUSG00000015312	0.27988227	4.42012884	0.37399958	0.59574764
ENSMUSG00000039163	0.27984861	3.01717989	0.39369478	0.61309072
ENSMUSG00000011114	0.27956498	6.26961128	0.3648712	0.58657887
ENSMUSG00000036478	0.27885492	7.82759559	0.36272094	0.58442889
ENSMUSG00000027628	0.27884538	4.75306716	0.37524434	0.59678326
ENSMUSG00000011267	0.27884274	2.23160637	0.43955786	0.65049746
ENSMUSG00000036368	0.27839022	2.19198545	0.43082618	0.64420819
ENSMUSG00000030816	0.27824374	5.43167033	0.37161153	0.59352173
ENSMUSG00000061028	0.27779517	3.52555781	0.39360076	0.61309072
ENSMUSG00000045691	0.27770302	2.94459788	0.40798081	0.62398323
ENSMUSG00000021886	0.27769617	5.53971432	0.37005106	0.59199386
ENSMUSG00000070737	0.27768632	1.03707742	0.48227225	0.68534066
ENSMUSG00000041697	0.27746969	5.69723874	0.371317	0.59322705
ENSMUSG00000049739	0.27743539	5.78342976	0.3701699	0.59200834
ENSMUSG00000068798	0.27704889	7.94005226	0.3658588	0.58772849
ENSMUSG00000026864	0.27702357	11.4682889	0.36482267	0.58657887
ENSMUSG00000001588	0.27639131	6.42571517	0.37010922	0.59199909
ENSMUSG00000002768	0.27584222	4.11962956	0.39041175	0.61074145
ENSMUSG00000063019	0.27572034	2.6007316	0.4252462	0.6390545
ENSMUSG00000034926	0.27552123	5.66550752	0.37534573	0.59678326
ENSMUSG00000078349	0.27547841	1.64612396	0.46142954	0.6690046
ENSMUSG00000026409	0.275392	3.02794856	0.39632371	0.61526686
ENSMUSG00000025008	0.27529344	3.49346464	0.39464538	0.61406435
ENSMUSG00000029233	0.27523571	4.54354538	0.38035096	0.60162631
ENSMUSG00000025453	0.27517326	5.12634455	0.37575003	0.59703673
ENSMUSG00000020183	0.27506663	4.56864722	0.38235322	0.60374152
ENSMUSG00000033161	0.27477136	8.34198084	0.36972619	0.59156191
ENSMUSG00000057788	0.27459364	4.4632503	0.38525708	0.60635046

ENSMUSG00000041203	0.27453043	5.64442927	0.37566629	0.59699164
ENSMUSG00000035325	0.2745113	7.54897371	0.37085405	0.59266302
ENSMUSG00000006731	0.27420447	5.19778942	0.37999671	0.60139191
ENSMUSG00000005054	0.27414431	5.25849556	0.37947957	0.6007498
ENSMUSG00000028999	0.27397046	5.18370604	0.37852668	0.59994588
ENSMUSG00000025417	0.27361518	5.54913147	0.37785837	0.59932154
ENSMUSG00000029291	0.27344978	4.19850025	0.38619672	0.60695903
ENSMUSG00000058997	0.27322293	5.42185203	0.37871883	0.60007403
ENSMUSG00000036833	0.27296251	4.62304361	0.38564622	0.60668254
ENSMUSG00000029404	0.2726789	3.64188	0.40037235	0.6187895
ENSMUSG00000055850	0.27235529	5.71897205	0.3791506	0.60033457
ENSMUSG00000039887	0.27199451	3.0809853	0.41296104	0.62828662
ENSMUSG00000047719	0.2719611	4.66276548	0.38742224	0.6082343
ENSMUSG00000068744	0.27188037	4.86729485	0.38502564	0.6062369
ENSMUSG00000055707	0.27180389	2.54972306	0.42070317	0.63514811
ENSMUSG00000044533	0.27167349	4.58139418	0.38825033	0.60873677
ENSMUSG00000056612	0.27159628	5.39360231	0.38356789	0.6048247
ENSMUSG00000004317	0.2714818	6.42411387	0.37752038	0.59914345
ENSMUSG00000019578	0.27121183	3.40735186	0.41158819	0.62720683
ENSMUSG00000032782	0.27088346	4.12668214	0.39609012	0.61504029
ENSMUSG00000004462	0.27053057	4.73270985	0.38756975	0.60828878
ENSMUSG00000029345	0.27049552	4.66469456	0.39112444	0.61137642
ENSMUSG00000038871	0.2703692	3.82693433	0.39676094	0.61528185
ENSMUSG00000038880	0.27028798	3.70912736	0.40755642	0.62397636
ENSMUSG00000090083	0.27015098	1.19152404	0.51968463	0.71428486
ENSMUSG00000041323	0.27009472	1.00470704	0.50107527	0.70001428
ENSMUSG00000078153	0.26959104	2.90428075	0.41139814	0.62714757
ENSMUSG00000024914	0.2695644	4.34165891	0.39739116	0.6159049
ENSMUSG00000034459	0.26916598	6.75833284	0.3809953	0.60226522
ENSMUSG00000051285	0.2687136	6.86325013	0.38149145	0.60269613
ENSMUSG00000054720	0.26847221	5.99731502	0.38444051	0.60584634
ENSMUSG00000038611	0.26803498	6.30433396	0.38519396	0.60635046
ENSMUSG00000038406	0.26796448	4.26421917	0.40014265	0.61867746
ENSMUSG00000065990	0.2679276	4.82673188	0.39447723	0.61394752
ENSMUSG00000030231	0.2678656	4.31725658	0.39918884	0.61795118
ENSMUSG00000049411	0.26785583	3.38765995	0.40651898	0.62386519
ENSMUSG00000021786	0.26766231	4.05033931	0.39709647	0.61562513
ENSMUSG00000027076	0.26735949	3.07048878	0.43872191	0.6499931
ENSMUSG00000052296	0.26675104	6.9400568	0.38572352	0.60671564
ENSMUSG00000023186	0.26674094	5.80261842	0.38764256	0.60830401
ENSMUSG00000024767	0.2666284	5.59014733	0.39106788	0.61137642
ENSMUSG00000025779	0.26653034	3.66252281	0.40894034	0.62476106
ENSMUSG00000038780	0.26638946	3.66880807	0.40978592	0.62576202

ENSMUSG00000040560	0.26637989	5.27193434	0.39130539	0.61157063
ENSMUSG00000033444	0.26612471	6.67485799	0.38692054	0.60762357
ENSMUSG00000029559	0.26611767	3.990168	0.4079381	0.62398323
ENSMUSG00000056917	0.265508	5.07096042	0.39563479	0.61477314
ENSMUSG00000049421	0.26546788	5.67710593	0.39049168	0.61074145
ENSMUSG00000087060	0.26506336	1.37380676	0.52161293	0.71582608
ENSMUSG00000059182	0.26503435	5.60173156	0.39195307	0.61205066
ENSMUSG00000022307	0.26466834	5.83725564	0.39172135	0.61196096
ENSMUSG00000049751	0.26409533	6.38922771	0.39183961	0.61203404
ENSMUSG00000043263	0.26388306	7.87319999	0.38895352	0.60957343
ENSMUSG00000092417	0.26373452	3.21582872	0.43290562	0.64570597
ENSMUSG00000028964	0.26360865	5.87075078	0.39551703	0.61467872
ENSMUSG00000026979	0.26341949	7.58766578	0.39044436	0.61074145
ENSMUSG00000032295	0.26323216	4.55254297	0.40520026	0.62281637
ENSMUSG00000020034	0.26277206	4.49411506	0.40404317	0.62165809
ENSMUSG00000046169	0.26222117	2.68445113	0.42323759	0.6374735
ENSMUSG00000039202	0.26212677	6.27193728	0.39500782	0.61406435
ENSMUSG00000031367	0.26206871	4.88279122	0.39988704	0.61860522
ENSMUSG00000051378	0.26204774	5.26748292	0.40095283	0.61911158
ENSMUSG00000056069	0.26196135	3.4278523	0.41331628	0.62852847
ENSMUSG00000035245	0.2619566	4.80976132	0.40131947	0.61941165
ENSMUSG00000052566	0.2618141	2.41393009	0.4573383	0.66689564
ENSMUSG00000020267	0.26178787	7.15953568	0.39404152	0.61353505
ENSMUSG00000023456	0.26146507	7.3821207	0.39468979	0.61406435
ENSMUSG00000019947	0.2614606	4.29515218	0.41078276	0.62666308
ENSMUSG00000030867	0.26127866	6.09852465	0.39787384	0.61647578
ENSMUSG00000002017	0.2610666	7.14414862	0.39520082	0.61427582
ENSMUSG00000035578	0.26096465	2.53575818	0.43822451	0.64968561
ENSMUSG00000022391	0.26080544	7.30288521	0.39580887	0.61495503
ENSMUSG00000025583	0.26061407	4.67980076	0.40796733	0.62398323
ENSMUSG00000006471	0.26045414	5.20343877	0.40374408	0.62153509
ENSMUSG00000005897	0.26016625	3.68102014	0.41398363	0.62905446
ENSMUSG00000032977	0.2597706	4.10183904	0.4165042	0.63143289
ENSMUSG00000001924	0.25945875	9.24155637	0.39641994	0.61526686
ENSMUSG00000044700	0.25934029	3.34553507	0.43377804	0.64647075
ENSMUSG00000040751	0.25923447	6.8599457	0.39903116	0.61795118
ENSMUSG00000024101	0.25886082	3.63641154	0.42940877	0.6428018
ENSMUSG00000060279	0.25856498	5.17877088	0.40856156	0.62434816
ENSMUSG00000018999	0.25842821	5.95719593	0.40254521	0.6204994
ENSMUSG00000065353	0.25838098	2.30561268	0.46240524	0.66978886
ENSMUSG00000028436	0.25831314	6.07673302	0.40293919	0.62084529
ENSMUSG00000022696	0.25828909	1.59063846	0.46732251	0.67374411
ENSMUSG00000034850	0.25779298	6.47943177	0.402514	0.6204994

ENSMUSG00000097574	0.25729137	1.28252373	0.49681821	0.69571323
ENSMUSG00000031627	0.25689516	6.42972337	0.40421506	0.62183384
ENSMUSG00000043419	0.25657278	2.80429738	0.43196122	0.6452791
ENSMUSG00000046722	0.25629096	6.75165723	0.40484495	0.62253642
ENSMUSG00000036352	0.25608465	5.23624453	0.41224299	0.62773629
ENSMUSG00000073664	0.25605758	4.49092118	0.41111829	0.62682025
ENSMUSG00000051154	0.25594677	6.02863941	0.40696083	0.62395419
ENSMUSG00000036980	0.25579325	5.27355622	0.41160861	0.62720683
ENSMUSG00000039783	0.25528388	6.41357029	0.40710217	0.62395419
ENSMUSG00000028071	0.25518499	2.99717826	0.43975676	0.65049746
ENSMUSG00000017119	0.25506057	6.58785809	0.40693504	0.62395419
ENSMUSG00000026496	0.25482102	8.1233214	0.4057017	0.62323179
ENSMUSG00000004451	0.25470413	4.34121722	0.41911753	0.63453088
ENSMUSG00000027692	0.25468185	3.78528101	0.41887118	0.63424695
ENSMUSG00000037395	0.25448865	2.65822398	0.44351515	0.65401042
ENSMUSG00000019877	0.25426745	7.35107041	0.40710489	0.62395419
ENSMUSG00000029767	0.25388486	8.18524368	0.40713151	0.62395419
ENSMUSG00000002603	0.25378139	5.0449257	0.41628558	0.63121818
ENSMUSG00000022488	0.25374169	9.0085069	0.40695845	0.62395419
ENSMUSG00000026123	0.25366378	5.40272375	0.41398116	0.62905446
ENSMUSG00000032812	0.25348722	5.37522135	0.41546724	0.63015453
ENSMUSG00000002343	0.25322621	2.30700114	0.48844761	0.68981392
ENSMUSG00000048307	0.25278854	4.77066004	0.41996117	0.63514811
ENSMUSG00000031833	0.25239168	4.64999324	0.42417536	0.63830635
ENSMUSG00000020986	0.25224566	6.36759298	0.41270959	0.6281807
ENSMUSG00000035754	0.25158382	4.56845123	0.42786711	0.64165191
ENSMUSG00000022898	0.25152324	5.70352188	0.41691097	0.63163359
ENSMUSG00000078348	0.25151581	2.34198903	0.48408277	0.68634611
ENSMUSG00000001999	0.25133449	4.80070416	0.42284601	0.6372235
ENSMUSG00000002396	0.25089387	2.33812885	0.47225416	0.67813433
ENSMUSG00000037341	0.25079442	6.25729882	0.41539556	0.63015453
ENSMUSG00000063015	0.25049084	7.86329605	0.41367897	0.62883588
ENSMUSG00000096687	0.2504311	3.20484822	0.43804068	0.64959169
ENSMUSG00000053897	0.25039944	4.64635135	0.42363024	0.63769243
ENSMUSG00000031907	0.25006395	3.14213386	0.44674766	0.65708222
ENSMUSG00000000056	0.24952252	4.41747673	0.43110865	0.64445185
ENSMUSG00000040697	0.24894554	4.85133259	0.42627142	0.6399709
ENSMUSG00000047193	0.24871505	4.94465578	0.42324835	0.6374735
ENSMUSG00000021240	0.24865599	2.58510081	0.47335707	0.67890447
ENSMUSG00000048416	0.24862299	1.35472084	0.54152241	0.73015474
ENSMUSG00000033917	0.24861505	5.49384549	0.42339617	0.63752829
ENSMUSG00000031143	0.248464	0.94688377	0.58746228	0.76468971
ENSMUSG00000025027	0.24833262	5.44036472	0.42472557	0.63871712

ENSMUSG00000033318	0.24808998	4.6697426	0.43282543	0.64569933
ENSMUSG00000011158	0.24803902	4.69789594	0.43016945	0.64375001
ENSMUSG00000056602	0.24799773	3.56422828	0.43830251	0.64971192
ENSMUSG00000018428	0.24754475	4.91498254	0.43034067	0.64375001
ENSMUSG00000021494	0.2473971	5.76945965	0.42485811	0.63882736
ENSMUSG00000066152	0.24737146	6.0916691	0.42267073	0.6372235
ENSMUSG00000033885	0.24702858	7.52638197	0.42047359	0.63514811
ENSMUSG00000014077	0.24696062	7.12549755	0.42116636	0.63565347
ENSMUSG00000039470	0.24686239	4.23487429	0.43119883	0.64445483
ENSMUSG00000050947	0.2468375	1.66875484	0.52909297	0.72133231
ENSMUSG00000063535	0.24657936	1.33576642	0.56230512	0.74632596
ENSMUSG00000049305	0.24654596	4.24246585	0.44027011	0.65092855
ENSMUSG00000026553	0.24632343	9.29535276	0.42066435	0.63514811
ENSMUSG00000074212	0.24615301	3.75478365	0.43224777	0.64542494
ENSMUSG00000018166	0.24614196	3.64336699	0.43746436	0.64918528
ENSMUSG00000063145	0.2456303	2.41621228	0.45920624	0.66763551
ENSMUSG00000020770	0.24562119	3.64711206	0.44775067	0.65819836
ENSMUSG00000024014	0.2455467	8.01050146	0.42283505	0.6372235
ENSMUSG00000019916	0.24550383	4.76708995	0.43333178	0.64614914
ENSMUSG00000020211	0.24536175	4.4947958	0.43992054	0.65059012
ENSMUSG00000036751	0.24501166	6.88317639	0.42596904	0.63960597
ENSMUSG00000041064	0.24491095	4.73800114	0.43675808	0.64901466
ENSMUSG00000033526	0.244871	4.90134735	0.43446062	0.64704333
ENSMUSG00000034032	0.24465769	4.92432941	0.43613962	0.64855622
ENSMUSG00000001285	0.24465096	4.40351042	0.43873329	0.6499931
ENSMUSG00000001323	0.2441133	3.08755364	0.4599539	0.66794276
ENSMUSG00000037544	0.24398865	6.56547195	0.42807931	0.64166304
ENSMUSG00000073700	0.2435019	3.91549337	0.44490075	0.65510145
ENSMUSG00000034673	0.24325083	4.35173943	0.44115498	0.65147826
ENSMUSG00000025371	0.24310893	3.62264705	0.46130922	0.66894436
ENSMUSG00000048865	0.24301579	1.90157058	0.49675572	0.69571323
ENSMUSG00000026632	0.24288236	2.52372155	0.46665948	0.67341841
ENSMUSG00000025873	0.2427621	6.66833372	0.43002011	0.6436276
ENSMUSG00000031827	0.24263225	5.43902411	0.43632651	0.64865524
ENSMUSG00000061536	0.24237952	3.30102663	0.45991302	0.66794276
ENSMUSG00000025499	0.2420076	4.04062795	0.45528442	0.66500165
ENSMUSG00000074886	0.24185169	6.53372223	0.43262524	0.64561468
ENSMUSG00000022760	0.24149839	1.83472611	0.53190268	0.72386142
ENSMUSG00000022899	0.24134119	4.23557783	0.44118562	0.65147826
ENSMUSG00000049517	0.24126992	7.35357703	0.43215175	0.64538491
ENSMUSG00000022095	0.24118104	3.8582299	0.45029849	0.66005423
ENSMUSG00000038803	0.24106934	5.57737462	0.43738184	0.64918528
ENSMUSG00000020792	0.24090756	4.35298099	0.44806141	0.65847564

ENSMUSG00000020265	0.24074189	6.51874783	0.43456038	0.64710013
ENSMUSG00000034118	0.24072994	6.59003428	0.43438952	0.64704333
ENSMUSG00000040532	0.24069339	3.07572726	0.47905015	0.68289184
ENSMUSG00000014075	0.24061701	2.60394177	0.50160883	0.700352
ENSMUSG00000030036	0.240495	5.70996743	0.43893925	0.65020891
ENSMUSG00000000538	0.24033724	3.38138458	0.46318397	0.670352
ENSMUSG00000032598	0.24033618	1.72175024	0.53996468	0.72917895
ENSMUSG00000038324	0.23998084	6.78333131	0.43533744	0.64754193
ENSMUSG00000070305	0.23992768	3.55971646	0.45935704	0.66770539
ENSMUSG00000024150	0.23980066	5.37333273	0.44043204	0.6510787
ENSMUSG00000022552	0.23965813	4.49357054	0.44885959	0.6589561
ENSMUSG00000021814	0.23964	6.82139966	0.43590858	0.64830204
ENSMUSG00000026525	0.23949802	2.635654	0.46836902	0.67444139
ENSMUSG00000024181	0.23940431	4.19900962	0.45480467	0.66485205
ENSMUSG00000074480	0.23935087	2.55587923	0.49920957	0.69788385
ENSMUSG00000054428	0.23931865	5.05384104	0.44290269	0.65329813
ENSMUSG00000033220	0.23928443	8.35657686	0.43471594	0.64713104
ENSMUSG00000073471	0.23908865	1.07748204	0.52662326	0.71923825
ENSMUSG00000027997	0.23856395	3.05030484	0.47188335	0.67772354
ENSMUSG00000046756	0.23849298	6.10956009	0.44066004	0.65114796
ENSMUSG00000007458	0.23815629	8.66395868	0.43652072	0.64885124
ENSMUSG00000068391	0.238108	3.82812493	0.46420609	0.67149544
ENSMUSG00000091537	0.2380889	6.71069114	0.43903284	0.65024023
ENSMUSG00000054808	0.2375239	7.20982974	0.43955921	0.65049746
ENSMUSG00000033159	0.23729303	5.56296983	0.44491497	0.65510145
ENSMUSG00000029535	0.23705891	4.1085119	0.45699159	0.66651302
ENSMUSG00000002661	0.23702164	1.49860452	0.5503187	0.73688135
ENSMUSG00000021458	0.23624511	3.05739113	0.47429168	0.67920324
ENSMUSG00000074754	0.23562727	2.23610345	0.51080724	0.7074587
ENSMUSG00000062526	0.23562095	3.94564828	0.45978738	0.66794276
ENSMUSG00000022472	0.23560018	6.23403164	0.44511913	0.65522314
ENSMUSG00000048997	0.23515077	1.64082884	0.56054968	0.74482107
ENSMUSG00000040701	0.23406442	4.83870674	0.45745577	0.66689564
ENSMUSG00000042992	0.23390379	2.93238177	0.48690315	0.68889577
ENSMUSG00000031916	0.23370891	4.76079597	0.45689872	0.66646772
ENSMUSG00000003527	0.23338032	3.96812404	0.4703589	0.67650447
ENSMUSG00000071552	0.23288506	2.87360739	0.49615139	0.69541156
ENSMUSG00000031487	0.23284405	2.36765548	0.49350449	0.69322172
ENSMUSG00000007908	0.23279906	1.75828905	0.51383096	0.70958548
ENSMUSG00000017195	0.23271161	0.98527261	0.5642929	0.7480436
ENSMUSG00000023330	0.23245591	3.97586833	0.469029	0.67530157
ENSMUSG00000023967	0.23226117	4.44850691	0.46512691	0.67228637
ENSMUSG00000040888	0.23220506	3.57647858	0.48086696	0.68464571

ENSMUSG00000068206	0.23197819	3.35383005	0.4750574	0.67989635
ENSMUSG00000034574	0.23185814	4.06852498	0.46461944	0.6719131
ENSMUSG00000085586	0.23178929	0.99511143	0.56832347	0.75089442
ENSMUSG00000025212	0.23172205	3.52276133	0.47687652	0.68141465
ENSMUSG00000028884	0.23165373	6.13198337	0.45362442	0.66339649
ENSMUSG00000002346	0.2315873	1.85121334	0.55435696	0.73950834
ENSMUSG00000001687	0.23151991	6.43460219	0.45209406	0.66178666
ENSMUSG00000034121	0.23147189	3.06159306	0.48283588	0.68568917
ENSMUSG00000021285	0.23147051	4.24823685	0.4665	0.67327837
ENSMUSG00000033762	0.23100037	3.89305404	0.47401164	0.67908773
ENSMUSG00000026927	0.23096228	6.06015701	0.45497832	0.66487071
ENSMUSG00000032171	0.23095965	4.30433658	0.46912639	0.67535162
ENSMUSG00000038690	0.23090205	4.58780184	0.46781334	0.67400121
ENSMUSG00000054312	0.23075253	4.43052017	0.4718204	0.67772354
ENSMUSG00000060938	0.23073861	8.43599429	0.45127801	0.66095098
ENSMUSG00000018567	0.23068991	7.82844759	0.45164047	0.66121244
ENSMUSG00000036537	0.23052648	1.35695607	0.59329884	0.7686089
ENSMUSG00000041096	0.23051877	5.32355542	0.45942975	0.66772108
ENSMUSG00000059883	0.23042279	3.58691674	0.47902986	0.68289184
ENSMUSG00000025651	0.23007705	6.55289515	0.45599862	0.66558803
ENSMUSG00000031934	0.22948558	5.08171544	0.46213185	0.66948279
ENSMUSG00000064210	0.22920642	5.86623155	0.45853004	0.66718361
ENSMUSG00000042608	0.22836827	4.820627	0.46812031	0.67435338
ENSMUSG00000039367	0.22827241	8.14488296	0.45616555	0.66558803
ENSMUSG00000007564	0.22797495	7.45110625	0.45770936	0.66692849
ENSMUSG00000014243	0.22792331	1.85902705	0.53927075	0.72875886
ENSMUSG00000010663	0.22753036	6.09393638	0.46171124	0.66916579
ENSMUSG00000024507	0.22749362	5.66231627	0.46320454	0.670352
ENSMUSG00000022074	0.22739574	5.16077628	0.4650016	0.67223161
ENSMUSG00000025935	0.22721208	8.22880552	0.45803422	0.66695125
ENSMUSG00000006390	0.2271987	6.39695115	0.46132597	0.66894436
ENSMUSG00000057738	0.22717352	7.91629526	0.45843941	0.66718361
ENSMUSG00000030654	0.22716408	8.96165618	0.45777762	0.66693783
ENSMUSG00000036138	0.22713335	3.63235094	0.48622168	0.68811215
ENSMUSG00000031993	0.22705606	6.05972168	0.46198697	0.66940459
ENSMUSG00000029146	0.22695932	5.95081637	0.46322915	0.670352
ENSMUSG00000008035	0.22694827	3.2429435	0.49086723	0.69143727
ENSMUSG00000016534	0.22693262	7.87307087	0.45878618	0.66741537
ENSMUSG00000028643	0.22688069	3.06908867	0.50125281	0.70001428
ENSMUSG00000039568	0.22674269	3.49487573	0.48534708	0.68747485
ENSMUSG00000044496	0.22671873	4.27876566	0.47880462	0.68289184
ENSMUSG00000038605	0.22646978	2.5816799	0.50562631	0.70375247
ENSMUSG00000022621	0.22627915	2.80022035	0.49596733	0.69524394



ENSMUSG00000033429	0.22618442	2.56809534	0.52524598	0.71858811
ENSMUSG00000033039	0.22586672	4.69570275	0.47091027	0.67692567
ENSMUSG00000073678	0.22556198	5.37594322	0.46605433	0.67290282
ENSMUSG00000074825	0.22553682	4.81010882	0.47298591	0.67873563
ENSMUSG00000024142	0.2253274	4.90162347	0.47288815	0.67873563
ENSMUSG00000028797	0.2252655	5.72997135	0.46768696	0.67390916
ENSMUSG00000026003	0.22517504	6.9783553	0.46360175	0.67071121
ENSMUSG00000025374	0.2251417	4.74242725	0.4747557	0.67955475
ENSMUSG00000020519	0.22503699	2.06143348	0.55578991	0.7406869
ENSMUSG00000017390	0.22482297	2.29272274	0.52614536	0.71907812
ENSMUSG00000028567	0.22473325	4.81018851	0.47432118	0.67920324
ENSMUSG0000002833	0.22456625	4.82979681	0.47825217	0.68258899
ENSMUSG00000087385	0.22426397	1.34708893	0.53817744	0.72797388
ENSMUSG00000021501	0.22416614	4.03130233	0.48161878	0.68515686
ENSMUSG00000031681	0.22413823	2.34126648	0.52447385	0.7181481
ENSMUSG00000021115	0.22405913	6.72613643	0.46633826	0.67313502
ENSMUSG00000034709	0.22350149	5.60520931	0.47056145	0.67660462
ENSMUSG00000024218	0.22329123	4.99959961	0.47539011	0.68026723
ENSMUSG00000072621	0.2232448	4.31154951	0.47853203	0.68269473
ENSMUSG00000025137	0.22312381	4.77025285	0.48076053	0.68464483
ENSMUSG00000008167	0.22278606	1.47807646	0.56968362	0.75167848
ENSMUSG00000032688	0.22257713	7.72776831	0.46750699	0.67390916
ENSMUSG00000079442	0.22245307	5.83711006	0.47322687	0.67884687
ENSMUSG00000070462	0.22233339	4.59475003	0.47803176	0.68252277
ENSMUSG00000030747	0.22219988	0.96343278	0.62378641	0.78872304
ENSMUSG00000067365	0.22191418	5.42190765	0.47407962	0.67908773
ENSMUSG00000030814	0.22188915	3.72613058	0.49217593	0.69244948
ENSMUSG00000020448	0.22166276	5.29533239	0.47642516	0.68099409
ENSMUSG00000032786	0.22164109	4.65685514	0.48166072	0.68515686
ENSMUSG00000031776	0.22150837	5.77255548	0.47438606	0.67920595
ENSMUSG00000079455	0.22149744	1.13378669	0.56610551	0.7489174
ENSMUSG00000037824	0.22141432	4.38998888	0.48191982	0.68515686
ENSMUSG00000032478	0.22122627	4.28535077	0.48790356	0.68940671
ENSMUSG00000026842	0.2211812	5.19659601	0.47750836	0.68204637
ENSMUSG00000015971	0.2209843	4.86333585	0.4816342	0.68515686
ENSMUSG00000021275	0.22094747	4.04850887	0.49034424	0.69114856
ENSMUSG00000021226	0.22092032	1.76469619	0.57418735	0.75575185
ENSMUSG00000016637	0.22089167	3.86802449	0.48983298	0.69107486
ENSMUSG00000022684	0.22053156	5.69492827	0.4764559	0.68099409
ENSMUSG00000038085	0.22035993	2.047931	0.53620379	0.72686346
ENSMUSG00000024948	0.22024413	6.2818909	0.47577254	0.68064647
ENSMUSG00000035596	0.21981037	4.98423323	0.48265155	0.68566912
ENSMUSG00000024048	0.21952073	6.33148048	0.47678656	0.6813764

ENSMUSG00000052428	0.21913078	5.99503621	0.47793952	0.68252277
ENSMUSG00000031974	0.21882116	4.70775	0.48542685	0.68747485
ENSMUSG00000070565	0.21881296	3.2486834	0.49956203	0.69828606
ENSMUSG00000027194	0.21876739	5.03475948	0.48291999	0.68568917
ENSMUSG00000071451	0.21839209	2.79316994	0.52319425	0.71691573
ENSMUSG00000038342	0.21835058	6.64792802	0.477987	0.68252277
ENSMUSG00000029165	0.21827648	3.23368189	0.50995202	0.70703556
ENSMUSG00000081137	0.2180845	1.44216346	0.56066863	0.74488734
ENSMUSG00000040128	0.21807843	4.30604332	0.487581	0.6892489
ENSMUSG00000007216	0.21795792	1.75045181	0.56928984	0.75161871
ENSMUSG00000031979	0.21792633	4.97637008	0.48834241	0.68981392
ENSMUSG00000046519	0.21746874	5.78363846	0.48187715	0.68515686
ENSMUSG00000026280	0.21736965	5.07607284	0.48715133	0.68907012
ENSMUSG00000035048	0.21718044	2.85622413	0.52852595	0.72094032
ENSMUSG00000020700	0.21713092	5.93880201	0.48289333	0.68568917
ENSMUSG00000087259	0.21708449	1.90082399	0.55108071	0.73699733
ENSMUSG00000025495	0.21673427	3.91854811	0.50513265	0.70342853
ENSMUSG00000013465	0.21648237	5.9393367	0.48440298	0.68661958
ENSMUSG00000005683	0.21642964	8.70814821	0.4795221	0.68329057
ENSMUSG00000027429	0.21640791	7.37664075	0.48053716	0.68446872
ENSMUSG00000039055	0.21623769	4.64556462	0.49313607	0.69309715
ENSMUSG00000035310	0.21622127	5.83188537	0.48372955	0.68620619
ENSMUSG00000039210	0.21611138	5.05053791	0.48949194	0.69074602
ENSMUSG00000031983	0.21608697	2.61453403	0.52536765	0.71858811
ENSMUSG00000028991	0.21596204	5.9588266	0.48466905	0.68681617
ENSMUSG00000037936	0.21528581	4.76555145	0.4946379	0.69401186
ENSMUSG00000017210	0.21514187	5.53956263	0.4893973	0.69070285
ENSMUSG00000039512	0.21492095	4.29675393	0.49852607	0.69738036
ENSMUSG00000083086	0.2149182	1.41471618	0.60509749	0.77627544
ENSMUSG00000006717	0.21481299	3.41892767	0.51474799	0.71039702
ENSMUSG00000005417	0.21449346	6.1845481	0.48766405	0.6892489
ENSMUSG00000068250	0.21423493	2.15928832	0.53581609	0.72676307
ENSMUSG00000018169	0.21379568	3.73688925	0.51109601	0.7074587
ENSMUSG00000043487	0.21364266	1.89992725	0.55108071	0.73699733
ENSMUSG00000045973	0.21346195	6.10762029	0.48891866	0.69020799
ENSMUSG00000040747	0.21330792	8.87935428	0.48562974	0.68763538
ENSMUSG00000022822	0.21326576	5.34383976	0.49264486	0.69280496
ENSMUSG00000025332	0.21320098	7.20743753	0.48816722	0.68968888
ENSMUSG00000032849	0.21307471	5.69132123	0.4918828	0.69226907
ENSMUSG00000062783	0.2129064	5.6165983	0.49069609	0.69143727
ENSMUSG00000018820	0.21259272	4.0159561	0.51002095	0.70704023
ENSMUSG00000020740	0.21241649	5.84898645	0.49268557	0.69280496
ENSMUSG00000001445	0.21228536	5.67417521	0.49422133	0.69378844

ENSMUSG00000030602	0.2120269	4.64817941	0.50324797	0.70143804
ENSMUSG00000035007	0.21157231	4.00978493	0.50881199	0.70599954
ENSMUSG00000076591	0.21139901	3.37240807	0.50715199	0.70487525
ENSMUSG00000011096	0.21133383	2.22005561	0.56338482	0.74711533
ENSMUSG00000003435	0.21130783	7.13674201	0.49191932	0.69226907
ENSMUSG00000002496	0.2112936	5.6707835	0.4963425	0.69549864
ENSMUSG00000071655	0.21127854	5.33441374	0.49842969	0.69733599
ENSMUSG00000037617	0.21084653	2.67716533	0.54288845	0.73131094
ENSMUSG00000046550	0.21066329	1.04011907	0.54676299	0.73410011
ENSMUSG00000012126	0.21057972	1.85928834	0.59276217	0.76812632
ENSMUSG00000020737	0.21055563	6.7236791	0.49387074	0.69347683
ENSMUSG00000039515	0.21033488	6.90155998	0.49440487	0.69386545
ENSMUSG00000007777	0.21029057	3.15725908	0.52654894	0.71922783
ENSMUSG00000044968	0.21028018	2.37382178	0.53512668	0.72616158
ENSMUSG00000026112	0.21025368	7.86444137	0.49240121	0.69267606
ENSMUSG00000037112	0.21018398	4.1981084	0.50658637	0.704634
ENSMUSG00000097287	0.21002691	2.34738472	0.54237115	0.73084225
ENSMUSG00000000326	0.20998777	3.83709185	0.51943589	0.71422405
ENSMUSG00000031060	0.20977028	5.98543685	0.49812134	0.69708545
ENSMUSG00000040269	0.20956108	3.73628936	0.51669903	0.71208721
ENSMUSG00000003206	0.20947072	5.50860738	0.50094234	0.70001428
ENSMUSG00000037243	0.20939037	3.74150959	0.52303698	0.71679131
ENSMUSG00000043154	0.20922793	2.70166704	0.52843545	0.72094032
ENSMUSG00000090150	0.20909435	4.54009396	0.50528218	0.7035459
ENSMUSG00000053483	0.20909215	4.22750663	0.51098968	0.7074587
ENSMUSG00000032527	0.20886138	4.06000059	0.5105893	0.70743177
ENSMUSG00000037098	0.2086018	2.01121817	0.57515826	0.75602586
ENSMUSG00000015016	0.20842229	2.43838629	0.57636401	0.75695564
ENSMUSG00000026594	0.20804507	7.16505741	0.49780158	0.69681882
ENSMUSG00000022204	0.20782616	5.5371017	0.50434761	0.7025087
ENSMUSG00000051736	0.20765726	1.27290267	0.54544897	0.73288354
ENSMUSG00000029298	0.20742007	7.35403	0.49876369	0.69744134
ENSMUSG00000004661	0.20689209	5.31566411	0.50617862	0.70424851
ENSMUSG00000032059	0.20667764	4.83861481	0.50942107	0.70666283
ENSMUSG00000044475	0.2065493	3.81287173	0.52262958	0.71641507
ENSMUSG00000037761	0.20642383	3.18237412	0.54003415	0.72917895
ENSMUSG00000033400	0.206318	4.6794361	0.51014913	0.70712702
ENSMUSG00000043831	0.20515312	2.69530208	0.5369852	0.72721944
ENSMUSG00000029467	0.20502663	9.53384342	0.50260257	0.70108216
ENSMUSG00000026816	0.20501918	5.22728098	0.51260333	0.70874062
ENSMUSG00000038280	0.20497141	5.81076099	0.50707037	0.70487525
ENSMUSG00000039041	0.20482994	4.94210772	0.51553876	0.71112433
ENSMUSG00000032042	0.2048193	8.04300711	0.50376461	0.70197668

ENSMUSG00000038102	0.20476168	5.86237639	0.50745381	0.70502214
ENSMUSG00000006307	0.20465178	6.22248874	0.50741605	0.70502214
ENSMUSG00000020440	0.20462879	4.40083083	0.52186361	0.7159111
ENSMUSG00000026585	0.20440359	4.17759052	0.51610161	0.71175882
ENSMUSG00000026656	0.20385811	7.42608408	0.50626888	0.70428322
ENSMUSG00000047459	0.20373837	5.74778809	0.51076309	0.7074587
ENSMUSG00000024644	0.20355262	5.88651521	0.51086893	0.7074587
ENSMUSG00000032422	0.20339494	4.81329278	0.51343121	0.70927284
ENSMUSG00000020733	0.20312469	4.42761278	0.5224172	0.71635153
ENSMUSG00000049624	0.20289852	3.65061345	0.53093244	0.72320013
ENSMUSG00000031835	0.2028249	6.63187643	0.5098866	0.70703556
ENSMUSG00000004056	0.20263771	5.79390965	0.51367858	0.70946591
ENSMUSG00000034807	0.202298	6.73123599	0.511111005	0.7074587
ENSMUSG00000066306	0.20226672	6.65403978	0.51139155	0.70766668
ENSMUSG00000038733	0.20217698	9.45134027	0.50851246	0.7058564
ENSMUSG00000045482	0.20216861	6.65784448	0.5110623	0.7074587
ENSMUSG00000021009	0.20209803	2.57964887	0.55154643	0.73724612
ENSMUSG00000024258	0.20207203	4.83205591	0.51991112	0.71439026
ENSMUSG00000023007	0.20204853	1.87164994	0.6176805	0.78496222
ENSMUSG00000050605	0.20171246	3.18380256	0.54104554	0.72969424
ENSMUSG00000039047	0.20119195	5.66990479	0.51635939	0.71198308
ENSMUSG0000002083	0.20115136	0.84872409	0.7122628	0.846112
ENSMUSG00000057363	0.20106346	5.15098946	0.51892365	0.7139235
ENSMUSG00000049600	0.20071977	2.41627602	0.57162525	0.75368709
ENSMUSG00000005982	0.20067904	5.37617868	0.51889437	0.7139235
ENSMUSG00000037526	0.20054949	3.21385523	0.5418116	0.73045334
ENSMUSG00000051007	0.20032935	3.84620116	0.53660676	0.72689012
ENSMUSG00000022516	0.20025221	4.318874	0.52623929	0.71907812
ENSMUSG00000043290	0.20018276	1.05981243	0.61378433	0.78267118
ENSMUSG00000049106	0.19986039	5.33799589	0.52086392	0.71508549
ENSMUSG00000082588	0.19977989	2.07185533	0.57737558	0.75747181
ENSMUSG00000030271	0.1996236	2.76614206	0.56574274	0.748887
ENSMUSG00000084786	0.1995806	6.28503116	0.51785955	0.71323083
ENSMUSG00000022394	0.19946599	6.03963492	0.51950793	0.71422405
ENSMUSG00000005615	0.19931287	5.67569808	0.51944476	0.71422405
ENSMUSG00000030435	0.19904399	7.71780528	0.51652647	0.71208721
ENSMUSG00000024962	0.1987138	2.38768374	0.57785968	0.75783033
ENSMUSG00000034591	0.1982638	3.78442436	0.5300475	0.72217716
ENSMUSG00000051390	0.19804248	3.40682626	0.55013754	0.73688135
ENSMUSG00000049717	0.19792875	4.32579926	0.53195517	0.72386142
ENSMUSG00000020515	0.19787523	6.3313249	0.52123065	0.71540681
ENSMUSG00000020897	0.19780428	6.66243629	0.52070666	0.71507506
ENSMUSG00000061533	0.1976654	5.38823827	0.52449318	0.7181481

ENSMUSG00000020444	0.19765459	4.03395495	0.53738866	0.72746746
ENSMUSG00000029507	0.19731747	4.54196897	0.5364009	0.72686346
ENSMUSG00000027010	0.19729591	6.06814389	0.52331707	0.71699292
ENSMUSG00000028760	0.19719288	7.28113444	0.52073148	0.71507506
ENSMUSG00000021287	0.19719244	2.4920905	0.57647114	0.75695564
ENSMUSG00000029071	0.19697021	3.90494332	0.54782992	0.73480006
ENSMUSG00000017288	0.19695723	5.75651822	0.52499707	0.71839007
ENSMUSG00000030279	0.19691829	6.40612325	0.52236849	0.71635153
ENSMUSG00000039145	0.19682395	5.65765389	0.52468539	0.71832008
ENSMUSG00000031913	0.19644088	5.79275343	0.52589069	0.71896618
ENSMUSG00000035944	0.19638646	2.97226335	0.56097434	0.74520169
ENSMUSG00000029319	0.19637492	4.80968703	0.53151318	0.72380832
ENSMUSG00000019826	0.19623579	4.16674308	0.53661673	0.72689012
ENSMUSG00000056899	0.19613465	2.18041945	0.58672218	0.76443211
ENSMUSG00000005886	0.19589944	6.19307689	0.52496355	0.71839007
ENSMUSG00000097141	0.19578167	1.10783092	0.6240872	0.78872304
ENSMUSG00000030522	0.19572579	3.00656614	0.55195737	0.73749253
ENSMUSG00000022556	0.19561469	4.41010526	0.54081506	0.72965502
ENSMUSG00000042308	0.19543027	4.68583845	0.53459343	0.72580329
ENSMUSG00000033396	0.19542367	5.58359763	0.52853804	0.72094032
ENSMUSG00000022967	0.19524637	6.72046379	0.52531425	0.71858811
ENSMUSG00000061288	0.19488624	6.85987557	0.52617698	0.71907812
ENSMUSG00000050973	0.19488048	3.29407648	0.5557087	0.74067021
ENSMUSG00000030815	0.19451209	5.20735177	0.53377683	0.72542525
ENSMUSG00000035078	0.19429418	5.58503672	0.53123358	0.72351894
ENSMUSG00000054484	0.1934399	4.57917375	0.53642472	0.72686346
ENSMUSG00000041130	0.19343291	4.34319655	0.54330097	0.73154671
ENSMUSG00000045671	0.19340596	3.83762556	0.54467895	0.73239623
ENSMUSG00000014349	0.19318466	7.39645813	0.52898436	0.72133231
ENSMUSG00000072893	0.19310096	2.03461606	0.59960688	0.77337167
ENSMUSG00000052783	0.19272321	1.53497175	0.60902505	0.77888289
ENSMUSG00000021610	0.1924729	7.89849027	0.52993282	0.72211215
ENSMUSG00000019579	0.1921646	5.45560289	0.53750701	0.72746746
ENSMUSG00000051674	0.1920661	3.29683449	0.55753164	0.74199941
ENSMUSG00000005150	0.19186743	3.07325909	0.57729044	0.75747181
ENSMUSG00000072582	0.19179747	4.94183694	0.54002383	0.72917895
ENSMUSG00000039678	0.19179141	5.18895721	0.53935642	0.72878331
ENSMUSG00000028995	0.19171272	6.18910588	0.53399331	0.72546293
ENSMUSG00000052656	0.19164831	4.09509085	0.54601414	0.73327727
ENSMUSG00000026790	0.19124203	7.27203113	0.5333958	0.72518158
ENSMUSG00000070733	0.19111737	6.98108462	0.53352911	0.72527138
ENSMUSG00000029390	0.19101351	8.94162942	0.53234883	0.72421468
ENSMUSG00000031864	0.19097022	5.7036022	0.53757309	0.72746746

ENSMUSG0000002210	0.1909183	3.20245929	0.56901031	0.75145517
ENSMUSG00000012123	0.19089893	1.02606248	0.67046164	0.82068767
ENSMUSG00000023353	0.19067497	3.06225499	0.58345583	0.76201861
ENSMUSG00000056050	0.19063992	7.3181253	0.53447612	0.72580329
ENSMUSG00000027510	0.19039199	3.66252247	0.56741602	0.75006305
ENSMUSG00000022263	0.19031057	3.706493	0.54546272	0.73288354
ENSMUSG00000094094	0.19025019	2.62284684	0.57536204	0.75602586
ENSMUSG00000037740	0.18995528	4.41439378	0.5526006	0.73787471
ENSMUSG00000021866	0.18966042	2.88803595	0.60623663	0.7771821
ENSMUSG00000028703	0.18954698	4.53990104	0.54876247	0.73568554
ENSMUSG00000015790	0.18912862	4.54620372	0.54929667	0.7360711
ENSMUSG00000098178	0.18890864	11.8695321	0.53645274	0.72686346
ENSMUSG00000021038	0.18882041	5.89003975	0.54226763	0.73079407
ENSMUSG00000050357	0.18878995	3.36986926	0.58171601	0.76066757
ENSMUSG00000021951	0.18840324	3.87847623	0.56129911	0.74544946
ENSMUSG00000070426	0.18823623	5.04969911	0.54751489	0.7346523
ENSMUSG00000035840	0.18810394	5.50272155	0.54266716	0.73114976
ENSMUSG00000018171	0.18796968	7.34184561	0.54002325	0.72917895
ENSMUSG00000063488	0.18755875	2.12987398	0.59073053	0.76716376
ENSMUSG00000034300	0.1875412	6.16804393	0.54298901	0.73131094
ENSMUSG00000042289	0.18717096	1.63744833	0.60746835	0.77802482
ENSMUSG00000023015	0.1869495	7.00632681	0.54299023	0.73131094
ENSMUSG00000025465	0.18693949	4.60833525	0.55526163	0.74034884
ENSMUSG00000052763	0.18691167	3.5476908	0.56802616	0.75068556
ENSMUSG00000027002	0.1868151	2.12188523	0.58887197	0.76570921
ENSMUSG00000025159	0.18673834	5.9022136	0.54652664	0.73387415
ENSMUSG00000025239	0.1866352	7.21066755	0.543294	0.73154671
ENSMUSG00000089989	0.1865049	3.4107968	0.56543351	0.74863536
ENSMUSG00000022969	0.18645425	5.05867956	0.55056443	0.73694624
ENSMUSG00000016554	0.18642346	7.48110684	0.54399295	0.73196093
ENSMUSG00000007610	0.18636915	2.918046	0.58392833	0.76226644
ENSMUSG00000035621	0.18616209	4.44266534	0.55664313	0.74110899
ENSMUSG00000014601	0.18584255	5.17604113	0.5529325	0.73815599
ENSMUSG00000045975	0.1856696	3.04501195	0.57106388	0.75313108
ENSMUSG00000014769	0.18561224	7.61886585	0.5451463	0.73265923
ENSMUSG00000026478	0.18558522	6.21456258	0.54774402	0.73477691
ENSMUSG00000068457	0.18542525	4.97657232	0.53435291	0.72575086
ENSMUSG00000022914	0.18532323	4.98860859	0.55265338	0.73787471
ENSMUSG00000029407	0.18516779	7.82640941	0.5455396	0.73288354
ENSMUSG00000003662	0.18465946	5.12520654	0.55564229	0.74067021
ENSMUSG00000069208	0.18432991	3.33714815	0.57495358	0.75602586
ENSMUSG00000028343	0.1843046	7.78611401	0.54739736	0.73458601
ENSMUSG00000026925	0.18415686	4.17100205	0.56189626	0.7458751

ENSMUSG00000027465	0.18415256	5.99995004	0.55156729	0.73724612
ENSMUSG00000037885	0.18370548	5.24784588	0.55646603	0.74110899
ENSMUSG00000027883	0.18343843	4.54082332	0.56050773	0.74482107
ENSMUSG00000052429	0.18329803	7.22034765	0.55123826	0.73699733
ENSMUSG00000028960	0.1831148	6.78896879	0.55164965	0.73726482
ENSMUSG00000100078	0.18286084	3.1940098	0.57646535	0.75695564
ENSMUSG00000015702	0.18223768	1.47551421	0.64297653	0.80158258
ENSMUSG00000021427	0.18206997	8.73075464	0.55180473	0.73738069
ENSMUSG00000039737	0.18182633	3.73194361	0.58033551	0.75987593
ENSMUSG00000037944	0.18180447	5.52754916	0.55950895	0.7438965
ENSMUSG00000040913	0.1816621	2.21963881	0.59382701	0.76895179
ENSMUSG00000024742	0.18153839	6.75766603	0.55535215	0.74037799
ENSMUSG00000034773	0.18102585	3.87080425	0.5783616	0.75811979
ENSMUSG00000036955	0.18085943	4.84771918	0.56289621	0.74692664
ENSMUSG00000070461	0.18041147	2.421912	0.59999412	0.77340863
ENSMUSG00000034789	0.18032264	4.31004879	0.575227	0.75602586
ENSMUSG00000028229	0.18007853	1.89937183	0.60778945	0.77831307
ENSMUSG00000032020	0.17978841	4.33573794	0.56705889	0.74968285
ENSMUSG00000030768	0.17966414	2.3182201	0.63248147	0.79467321
ENSMUSG00000040710	0.17945443	7.0628963	0.55840105	0.74269819
ENSMUSG00000097534	0.17890561	2.61958566	0.59744915	0.77132666
ENSMUSG00000041775	0.17858245	2.79286817	0.59424341	0.76913981
ENSMUSG00000022557	0.17855974	5.77725859	0.56606885	0.7489174
ENSMUSG00000071661	0.17843347	1.45322041	0.66514757	0.8167788
ENSMUSG00000074930	0.17839421	2.65858938	0.60653814	0.7773334
ENSMUSG00000026080	0.17776957	5.13424349	0.56988108	0.75184702
ENSMUSG00000021767	0.17734574	4.21025436	0.57643862	0.75695564
ENSMUSG00000038615	0.17710176	6.72317996	0.56517442	0.74848834
ENSMUSG00000000409	0.17709535	3.13531677	0.60199931	0.77455811
ENSMUSG00000047789	0.17694744	4.63147939	0.57259663	0.75465517
ENSMUSG00000014959	0.17684952	7.05964499	0.56495814	0.74848834
ENSMUSG00000028015	0.17666469	5.86020529	0.56668226	0.74936867
ENSMUSG00000034595	0.17660333	6.96180593	0.56576247	0.748887
ENSMUSG00000028837	0.17657153	6.90763936	0.56609055	0.7489174
ENSMUSG00000036086	0.17631953	4.6452032	0.57489158	0.75602586
ENSMUSG00000039148	0.17550049	5.55681914	0.57410775	0.75575185
ENSMUSG00000021420	0.17538135	3.50871794	0.59677238	0.77096314
ENSMUSG00000054455	0.17528125	5.01043529	0.57549445	0.75610772
ENSMUSG00000000740	0.17518679	7.81873299	0.56782186	0.75050754
ENSMUSG00000071477	0.17506708	3.54350053	0.59184983	0.76758973
ENSMUSG00000057554	0.1747026	6.05941286	0.57120379	0.75322348
ENSMUSG00000013662	0.17458841	8.25645495	0.56842181	0.75093236
ENSMUSG00000059689	0.17447773	3.11425191	0.60536947	0.77653198

ENSMUSG00000026404	0.17440878	3.60173992	0.58841823	0.76555569
ENSMUSG00000028958	0.1741463	0.64734687	0.71907586	0.84906538
ENSMUSG00000042625	0.17379614	6.13606017	0.57431785	0.75575884
ENSMUSG00000048027	0.17346545	1.78168486	0.65945646	0.81275183
ENSMUSG00000066640	0.17340521	3.25925399	0.60747116	0.77802482
ENSMUSG00000025224	0.17322656	7.1495666	0.5726394	0.75465517
ENSMUSG00000037363	0.1731895	1.38017336	0.62425715	0.78872304
ENSMUSG00000032425	0.17299157	3.56652883	0.59234202	0.76772574
ENSMUSG00000025969	0.17279429	5.94687494	0.57506372	0.75602586
ENSMUSG00000029708	0.17271605	4.24803542	0.58620162	0.76398826
ENSMUSG00000028796	0.172287	5.29152619	0.58275875	0.76149113
ENSMUSG00000031101	0.17215083	7.98461245	0.57424246	0.75575185
ENSMUSG00000005469	0.17178733	5.53255675	0.58077428	0.76016891
ENSMUSG00000055413	0.17156878	4.86757048	0.58606578	0.76394699
ENSMUSG00000030990	0.17144171	5.0608427	0.58430576	0.76257452
ENSMUSG00000063524	0.17101668	7.55676924	0.57779787	0.75783033
ENSMUSG00000030126	0.17099672	4.73931141	0.586386	0.76408732
ENSMUSG00000052102	0.17081809	6.58533965	0.57918966	0.75883627
ENSMUSG00000022678	0.17033108	6.63245401	0.58046744	0.7599564
ENSMUSG00000079563	0.17025526	1.52785181	0.70356795	0.84022461
ENSMUSG00000052155	0.17021042	2.55308181	0.63071021	0.79374243
ENSMUSG00000004637	0.17011566	2.8867773	0.61682612	0.78462657
ENSMUSG00000030744	0.17006815	10.0248547	0.57806285	0.75791244
ENSMUSG00000021411	0.16982167	3.55844917	0.60287535	0.77499199
ENSMUSG00000000827	0.16902073	5.28089457	0.58871582	0.76564651
ENSMUSG00000074582	0.16893293	6.56708681	0.58303234	0.76174227
ENSMUSG00000020149	0.16891574	7.96183027	0.5812899	0.76036285
ENSMUSG00000020474	0.16873725	4.29384211	0.60136935	0.77425586
ENSMUSG00000015289	0.16860198	3.98544718	0.60233165	0.77466243
ENSMUSG00000028894	0.16851632	5.86112708	0.58561419	0.76363523
ENSMUSG00000071054	0.16843927	6.50374423	0.58505652	0.76339418
ENSMUSG00000038301	0.16838527	5.19605047	0.58748649	0.76468971
ENSMUSG00000039997	0.16819098	8.45704147	0.58251259	0.76143222
ENSMUSG00000005973	0.16818709	4.81004499	0.59131521	0.76717315
ENSMUSG00000038845	0.16818619	5.69383719	0.58890877	0.76570921
ENSMUSG00000025156	0.16783297	5.41848928	0.59205746	0.76770605
ENSMUSG00000024789	0.16782231	7.52687874	0.58389921	0.76226644
ENSMUSG00000032519	0.1676052	2.89783493	0.6285024	0.79171634
ENSMUSG00000026385	0.16747958	6.33285628	0.58739016	0.76468971
ENSMUSG00000060992	0.16738219	7.68470986	0.58521696	0.76339418
ENSMUSG00000049960	0.16737134	5.05248573	0.59530815	0.7699452
ENSMUSG00000091562	0.16723363	3.60134332	0.60725708	0.77793542
ENSMUSG00000024132	0.16708616	4.00136229	0.60151342	0.77425647



ENSMUSG00000030591	0.16690622	8.00379224	0.58603529	0.76394699
ENSMUSG00000022503	0.16666862	6.23036609	0.59050704	0.76704745
ENSMUSG00000052085	0.16658308	7.72735542	0.58679512	0.76443211
ENSMUSG00000022837	0.16607068	5.4414399	0.59141442	0.76720956
ENSMUSG00000079562	0.16587702	5.74644254	0.59365692	0.76882385
ENSMUSG00000031820	0.16577796	4.8750811	0.60116406	0.77408397
ENSMUSG00000000902	0.16570127	6.14992162	0.59238185	0.76772574
ENSMUSG00000034429	0.16564438	1.82148984	0.68918977	0.83255545
ENSMUSG00000032479	0.16563791	7.394487	0.58933301	0.76587253
ENSMUSG00000046861	0.16559375	4.67114629	0.59932112	0.77328057
ENSMUSG00000045237	0.1655724	3.11093398	0.62268009	0.78821501
ENSMUSG00000053604	0.16551962	6.53316226	0.59113952	0.76716376
ENSMUSG00000031684	0.16524609	5.05686218	0.5957084	0.77018575
ENSMUSG00000025888	0.16522552	6.79035363	0.5908288	0.76716376
ENSMUSG00000039640	0.16495129	5.29545497	0.60079714	0.77398116
ENSMUSG00000001918	0.16485998	7.51453774	0.59123684	0.76716376
ENSMUSG00000031938	0.16475747	3.5155491	0.61210031	0.78107795
ENSMUSG00000027284	0.1646941	5.15597215	0.5968408	0.77096314
ENSMUSG00000034908	0.16464292	6.36761737	0.594256	0.76913981
ENSMUSG00000068040	0.16446212	6.62192265	0.59362351	0.76882385
ENSMUSG00000023973	0.16439491	5.3130991	0.59971325	0.77340863
ENSMUSG00000070319	0.1643728	6.68868065	0.59410395	0.76913981
ENSMUSG00000019986	0.16434521	4.03174921	0.60481568	0.77609225
ENSMUSG00000024193	0.1642425	2.0990992	0.66531468	0.81679799
ENSMUSG00000049709	0.16414536	2.77979486	0.62346901	0.78864486
ENSMUSG00000052395	0.16404522	4.29010147	0.60461116	0.7759736
ENSMUSG00000002625	0.16399775	5.14156974	0.60017714	0.77350591
ENSMUSG00000028944	0.16371524	4.41790769	0.60279631	0.77498276
ENSMUSG00000029804	0.16359169	5.53419682	0.59707132	0.77105847
ENSMUSG00000020946	0.16353644	6.94619011	0.59467846	0.76949994
ENSMUSG00000049091	0.16323613	5.63690827	0.59941299	0.7732992
ENSMUSG00000028550	0.1629991	3.18871571	0.61556577	0.78392315
ENSMUSG00000025035	0.16294323	3.11752033	0.61538113	0.78392315
ENSMUSG00000031672	0.16283774	7.77058942	0.59550177	0.77001092
ENSMUSG00000036391	0.16275161	6.69685887	0.59615388	0.77057695
ENSMUSG00000029432	0.16273223	4.44005557	0.60450433	0.7759736
ENSMUSG00000050428	0.16266175	2.44877557	0.66039702	0.8133533
ENSMUSG00000041638	0.16242686	5.48437245	0.6037881	0.77547987
ENSMUSG00000039414	0.16235508	5.68975634	0.59993985	0.77340863
ENSMUSG00000018750	0.16134467	4.49653419	0.60691966	0.77768794
ENSMUSG00000037536	0.16123623	4.20345719	0.61551967	0.78392315
ENSMUSG00000019295	0.16111261	4.68283511	0.60851235	0.77871095
ENSMUSG00000014313	0.16098805	6.13353125	0.6025529	0.77485458

ENSMUSG00000055720	0.16054639	5.13154695	0.60876779	0.77885298
ENSMUSG00000038256	0.16021836	5.06886275	0.60951688	0.77897962
ENSMUSG00000022771	0.16013377	6.10838954	0.60457316	0.7759736
ENSMUSG00000036879	0.16011703	5.5329363	0.60488273	0.77609225
ENSMUSG00000022130	0.15991078	4.80690827	0.61039054	0.77940596
ENSMUSG00000040297	0.15982046	7.29961695	0.60207357	0.77455811
ENSMUSG00000035047	0.15961095	5.50592602	0.60908006	0.77888289
ENSMUSG00000029649	0.1593644	7.40411961	0.60364751	0.77542999
ENSMUSG00000040018	0.15900548	5.9938107	0.60710451	0.77783236
ENSMUSG00000025372	0.15855925	1.75208839	0.69713596	0.83647886
ENSMUSG00000004945	0.15800385	4.65758932	0.6177564	0.78496222
ENSMUSG00000025572	0.15783409	3.93577216	0.62963155	0.79284758
ENSMUSG00000057132	0.15769861	4.3094063	0.62106065	0.78738749
ENSMUSG00000029344	0.15769592	3.98834853	0.6272046	0.7908751
ENSMUSG00000003208	0.15754019	2.57061664	0.67211206	0.82186829
ENSMUSG00000020978	0.15727275	7.59857587	0.60836476	0.77864287
ENSMUSG00000053702	0.15725038	2.46382922	0.63702201	0.79712757
ENSMUSG00000042302	0.15693871	2.55166885	0.64406234	0.80197365
ENSMUSG00000046079	0.15673468	5.3934185	0.61430018	0.78277362
ENSMUSG00000078202	0.15672144	1.01528481	0.67046164	0.82068767
ENSMUSG00000030345	0.15630303	1.0138962	0.67361378	0.82267849
ENSMUSG00000025357	0.15605763	5.91954923	0.61317274	0.78199102
ENSMUSG00000023971	0.15595201	3.35211494	0.6442304	0.80197365
ENSMUSG00000001632	0.1559321	5.65482759	0.61616297	0.78413274
ENSMUSG00000024387	0.15590591	6.44261441	0.61391285	0.78270312
ENSMUSG00000014426	0.15559702	4.668701	0.62138166	0.78766566
ENSMUSG00000009569	0.15558502	5.48706362	0.61616662	0.78413274
ENSMUSG00000022416	0.15555373	3.21352031	0.63628377	0.7963886
ENSMUSG00000061589	0.15550934	5.74045643	0.61741476	0.78496222
ENSMUSG00000029726	0.15544444	4.87767271	0.62340295	0.78864486
ENSMUSG00000006058	0.15538468	5.74457088	0.61684233	0.78462657
ENSMUSG00000009108	0.15525721	1.24928468	0.68317089	0.82882463
ENSMUSG00000040006	0.15477016	4.80134645	0.6223714	0.78821501
ENSMUSG00000019802	0.15388046	7.61071495	0.61569839	0.78399946
ENSMUSG00000027255	0.15380875	6.59238065	0.61779636	0.78496222
ENSMUSG00000057409	0.15363429	5.34076428	0.61995865	0.78680564
ENSMUSG00000039473	0.15350338	7.01581388	0.61713058	0.78489635
ENSMUSG00000003528	0.15337861	5.09508986	0.62484791	0.78912897
ENSMUSG00000039656	0.15337745	4.1448656	0.63559446	0.79580526
ENSMUSG00000035133	0.15336781	5.8284554	0.61878777	0.7858918
ENSMUSG00000021575	0.15320186	3.29613657	0.64763238	0.80499345
ENSMUSG00000059439	0.15310307	3.7321595	0.63179442	0.79427268
ENSMUSG00000036246	0.15300302	6.11817971	0.62096759	0.78738749

ENSMUSG00000020918	0.15297572	5.67649079	0.62324793	0.78864486
ENSMUSG00000000486	0.15270929	5.78300827	0.6237949	0.78872304
ENSMUSG00000021697	0.1522862	3.83465883	0.63834137	0.79813024
ENSMUSG00000042292	0.15221115	4.11266646	0.63265684	0.79477217
ENSMUSG00000026456	0.15186603	4.98616501	0.62853569	0.79171634
ENSMUSG00000031534	0.15186188	3.00672858	0.63476792	0.7955994
ENSMUSG00000021468	0.15184758	5.84833875	0.62351503	0.78864486
ENSMUSG00000069678	0.15184557	2.33144779	0.68089353	0.82796432
ENSMUSG00000040263	0.15179508	5.14114541	0.62988612	0.79286899
ENSMUSG00000061518	0.15169878	5.70877454	0.62658201	0.79039836
ENSMUSG00000002983	0.15152497	4.25865334	0.64075482	0.80022003
ENSMUSG00000022389	0.15122438	4.95864383	0.62984603	0.79286899
ENSMUSG00000039989	0.15102918	4.60206371	0.63167579	0.79427268
ENSMUSG00000074129	0.15102686	9.03752954	0.621749	0.7877684
ENSMUSG00000022956	0.15099614	7.24056588	0.6233464	0.78864486
ENSMUSG00000039703	0.15098468	7.5094276	0.62266595	0.78821501
ENSMUSG00000027809	0.15089382	5.65680924	0.62685132	0.79063914
ENSMUSG00000025245	0.15082453	5.3305075	0.62708362	0.79083964
ENSMUSG00000046691	0.15078513	7.06712787	0.62393791	0.78872304
ENSMUSG00000035885	0.15077046	6.19827218	0.62560806	0.78971758
ENSMUSG00000030091	0.15068614	8.43784841	0.62273578	0.78821501
ENSMUSG00000020437	0.15066091	7.38530406	0.62401667	0.78872304
ENSMUSG00000027452	0.15028918	4.11527629	0.63356155	0.79515627
ENSMUSG00000024787	0.15009093	2.90424159	0.67135533	0.82131547
ENSMUSG00000032402	0.15008975	4.34872895	0.6338086	0.79515627
ENSMUSG00000031960	0.15001649	7.82864696	0.62485595	0.78912897
ENSMUSG00000035069	0.14969296	4.33321517	0.63802883	0.79801704
ENSMUSG00000041650	0.14963715	4.98959705	0.63202614	0.79442051
ENSMUSG00000023961	0.14941968	1.7786731	0.66144943	0.8140916
ENSMUSG00000071644	0.14930298	10.4713912	0.62523985	0.78943761
ENSMUSG00000026249	0.14905977	3.89189186	0.63540968	0.79580392
ENSMUSG00000029715	0.14901714	2.02543165	0.72435626	0.85287236
ENSMUSG00000044030	0.14898298	2.16446744	0.67922037	0.82690364
ENSMUSG00000022571	0.14865117	3.7133015	0.6506108	0.8066437
ENSMUSG00000030374	0.14845364	5.52541344	0.6350047	0.79572479
ENSMUSG00000015804	0.14794925	5.18428617	0.63567012	0.79580526
ENSMUSG00000030986	0.14763085	4.42820371	0.64101842	0.80031711
ENSMUSG00000039686	0.14750487	3.63253032	0.6636746	0.81530252
ENSMUSG00000005621	0.14731695	6.46170156	0.63276101	0.79477217
ENSMUSG00000002897	0.14715577	6.32067999	0.63407235	0.7951897
ENSMUSG00000035051	0.14709837	6.30838138	0.63278185	0.79477217
ENSMUSG00000066839	0.14697135	3.99912246	0.65894027	0.81230131
ENSMUSG00000055553	0.14679247	4.47774163	0.64844161	0.80525038

ENSMUSG00000021040	0.14679033	5.07595125	0.63829081	0.79813024
ENSMUSG00000075415	0.1466629	8.63110779	0.63179093	0.79427268
ENSMUSG00000039230	0.14650503	6.52679566	0.6346721	0.7955994
ENSMUSG00000039220	0.14646699	6.33793196	0.635408	0.79580392
ENSMUSG00000062647	0.14629707	5.44600751	0.64033386	0.80006492
ENSMUSG00000038524	0.14621197	1.78096854	0.70256858	0.83985354
ENSMUSG00000049728	0.14606444	2.38950297	0.69111767	0.83335668
ENSMUSG00000020458	0.14602432	7.08374066	0.6341759	0.79522709
ENSMUSG00000044627	0.14568067	7.12046017	0.63566225	0.79580526
ENSMUSG00000005936	0.14553476	7.29362289	0.63544766	0.79580392
ENSMUSG00000073437	0.14549202	3.53912533	0.65669976	0.81095201
ENSMUSG00000022489	0.14522824	3.89613149	0.65687678	0.81095201
ENSMUSG00000052751	0.14519281	2.97619979	0.65651035	0.81095201
ENSMUSG00000054150	0.14515222	5.15556961	0.64226902	0.80099794
ENSMUSG00000040506	0.14478138	5.73961811	0.64065203	0.80018432
ENSMUSG00000024182	0.14458926	5.77832678	0.64198098	0.80091658
ENSMUSG00000025494	0.14443956	2.06788621	0.71361186	0.84644245
ENSMUSG00000030979	0.1442252	3.7134628	0.65683867	0.81095201
ENSMUSG00000037278	0.14393207	6.0429578	0.64245026	0.80103868
ENSMUSG00000021877	0.14390081	7.56226268	0.63870321	0.79839752
ENSMUSG00000002550	0.14362266	4.72115497	0.65105202	0.80691242
ENSMUSG00000020321	0.14353035	8.17927034	0.63942662	0.79911654
ENSMUSG00000006010	0.14352811	5.89632155	0.64185029	0.80085999
ENSMUSG00000025950	0.14335079	4.21600799	0.64802019	0.80516297
ENSMUSG00000030468	0.14328061	7.09923998	0.64105519	0.80031711
ENSMUSG00000057177	0.14327772	6.13505424	0.64424126	0.80197365
ENSMUSG00000063275	0.14323285	1.37024914	0.70527194	0.8412402
ENSMUSG00000051256	0.14321554	5.02342287	0.64763753	0.80499345
ENSMUSG00000059995	0.14301385	6.07338076	0.64408208	0.80197365
ENSMUSG00000020250	0.14291561	8.34628567	0.64060357	0.80018432
ENSMUSG00000004798	0.14271528	4.93569887	0.64815225	0.80516921
ENSMUSG00000003348	0.14270549	6.36401343	0.64411683	0.80197365
ENSMUSG00000059355	0.14259168	4.41621188	0.65282342	0.80845748
ENSMUSG00000036339	0.1423578	4.92154108	0.64748329	0.80498729
ENSMUSG00000004285	0.14225772	4.90556559	0.65304002	0.80854002
ENSMUSG00000053094	0.1421793	7.00618774	0.64358909	0.80197365
ENSMUSG00000020801	0.1419272	1.9838907	0.72002947	0.85000524
ENSMUSG00000037351	0.14177639	5.57838193	0.64988032	0.80624904
ENSMUSG00000062234	0.14118574	7.12843345	0.64597314	0.803573
ENSMUSG00000023861	0.14098913	5.90258526	0.64873362	0.80542751
ENSMUSG00000059866	0.14077111	3.89830586	0.668413	0.81932801
ENSMUSG00000060450	0.14077084	6.46655619	0.64729799	0.8048497
ENSMUSG00000037805	0.14055	7.81420899	0.64684378	0.80456325

ENSMUSG00000020483	0.1405347	6.00236273	0.64970047	0.80624904
ENSMUSG00000034751	0.14050203	4.40524211	0.65034735	0.80644253
ENSMUSG00000014498	0.14047517	7.00681058	0.6478031	0.80510644
ENSMUSG00000029587	0.14046296	4.57840377	0.65676067	0.81095201
ENSMUSG00000033819	0.14045529	1.52747769	0.75558633	0.87212277
ENSMUSG00000022329	0.14018343	4.20178223	0.65772439	0.81145176
ENSMUSG00000038384	0.14016615	4.26150393	0.66578429	0.8171639
ENSMUSG00000029416	0.14008458	4.86450409	0.65613317	0.81069432
ENSMUSG00000058454	0.13997684	5.13799827	0.65579814	0.81037322
ENSMUSG00000020514	0.13974782	4.42030357	0.66125233	0.81394192
ENSMUSG00000028914	0.13938362	4.42343991	0.6619367	0.81431957
ENSMUSG0000003039	0.13918164	5.76427032	0.65356167	0.80890728
ENSMUSG00000024422	0.13882074	5.81867168	0.65549696	0.81009388
ENSMUSG00000021901	0.13879064	6.22934147	0.65392875	0.80908302
ENSMUSG00000044783	0.13835924	8.51650067	0.65122137	0.80702956
ENSMUSG00000030301	0.13825827	3.71490037	0.66878952	0.81932801
ENSMUSG00000009621	0.13820084	6.8593728	0.65356161	0.80890728
ENSMUSG00000020228	0.13769588	5.62842872	0.65701852	0.81095201
ENSMUSG00000033096	0.13761281	5.97430882	0.65635847	0.8108798
ENSMUSG00000002524	0.1371791	6.21652591	0.65798498	0.8116804
ENSMUSG00000005481	0.13713897	7.73108616	0.6549845	0.8099035
ENSMUSG00000024660	0.13710321	7.48338603	0.65530458	0.81001571
ENSMUSG00000030286	0.13704634	6.44967347	0.65695407	0.81095201
ENSMUSG00000015314	0.13704631	8.39714118	0.6542933	0.80933255
ENSMUSG00000036180	0.13656816	6.01307908	0.65981256	0.81307233
ENSMUSG00000092341	0.1363962	9.30693096	0.65534211	0.81001571
ENSMUSG00000004996	0.13629036	3.667285	0.67701374	0.82514876
ENSMUSG00000063714	0.13627602	0.90603466	0.80117625	0.89737066
ENSMUSG00000066026	0.13626915	3.41529077	0.68006198	0.82736782
ENSMUSG00000021114	0.13624787	6.21093853	0.65855681	0.81201425
ENSMUSG00000025825	0.13584063	4.38393949	0.67232789	0.82200151
ENSMUSG00000026201	0.13565267	4.79350971	0.66800096	0.81907019
ENSMUSG00000051853	0.13563813	7.33985229	0.65869598	0.812093
ENSMUSG00000015846	0.13560976	4.19315521	0.67260417	0.82219036
ENSMUSG00000058626	0.13546366	0.62999572	0.90332859	0.95364616
ENSMUSG00000001211	0.13531893	5.41666056	0.66530478	0.81679799
ENSMUSG00000033458	0.13514516	3.07422641	0.68614612	0.83046889
ENSMUSG00000006498	0.13484333	8.19866831	0.6600181	0.81307233
ENSMUSG00000025269	0.1348409	4.21641108	0.67349124	0.82262199
ENSMUSG00000006289	0.1346085	5.23393177	0.66673654	0.81779877
ENSMUSG00000026199	0.13457796	4.09947504	0.67567203	0.8241655
ENSMUSG00000002699	0.13455554	6.38493039	0.66325644	0.81530252
ENSMUSG00000028678	0.13448632	6.5793092	0.66288101	0.81520228

ENSMUSG00000066829	0.13448101	3.66229949	0.68297959	0.82882463
ENSMUSG00000027933	0.1343949	6.5995841	0.66301635	0.81527575
ENSMUSG00000079487	0.13423152	6.90558287	0.66260709	0.81505131
ENSMUSG00000031785	0.13419237	1.30742842	0.78170527	0.88671643
ENSMUSG00000057229	0.13401515	4.2629917	0.6748125	0.82360706
ENSMUSG00000037940	0.13396042	4.95658525	0.66611837	0.81731943
ENSMUSG00000037553	0.13347958	5.23228625	0.67073178	0.82083378
ENSMUSG00000031029	0.13333437	8.27478342	0.66345704	0.81530252
ENSMUSG00000079003	0.13328132	4.45224	0.67875211	0.82652018
ENSMUSG00000022335	0.13311959	2.72695487	0.7026305	0.83985354
ENSMUSG00000036880	0.13300086	3.50053611	0.69716914	0.83647886
ENSMUSG00000020022	0.13295206	5.09724354	0.67285396	0.82227802
ENSMUSG00000078584	0.13234206	4.9638002	0.67328856	0.82261828
ENSMUSG00000079057	0.13227424	3.93179273	0.68088642	0.82796432
ENSMUSG00000033900	0.13206292	2.35770441	0.71606554	0.84808541
ENSMUSG00000031591	0.13159326	6.43509151	0.66881904	0.81932801
ENSMUSG00000040451	0.13143897	4.46367064	0.67404758	0.82292869
ENSMUSG00000000384	0.13142581	5.74829873	0.67341192	0.82261828
ENSMUSG00000037466	0.13121929	3.90671126	0.68549987	0.83022476
ENSMUSG00000057594	0.13120616	3.06111781	0.69351382	0.83460027
ENSMUSG00000028447	0.13094903	3.44680759	0.70093721	0.83867297
ENSMUSG00000020451	0.13071221	5.27852027	0.676922	0.8251302
ENSMUSG00000022999	0.13048761	3.56548265	0.695355	0.83513847
ENSMUSG00000028656	0.13038041	9.03936603	0.66996798	0.82053972
ENSMUSG00000029142	0.13028821	5.39794313	0.67510358	0.82384486
ENSMUSG00000018293	0.13002803	9.24959603	0.67073324	0.82083378
ENSMUSG00000036894	0.12991136	4.37448073	0.6819759	0.82829053
ENSMUSG00000040435	0.12974499	3.77654865	0.68740026	0.83139654
ENSMUSG00000025724	0.12970326	6.72624007	0.67339226	0.82261828
ENSMUSG00000092607	0.12969877	4.17801095	0.68708743	0.83113301
ENSMUSG00000100975	0.12953206	2.07007027	0.71361186	0.84644245
ENSMUSG00000005465	0.12948852	4.27981331	0.68633265	0.83049947
ENSMUSG00000031755	0.12944059	2.47948903	0.72314427	0.8523922
ENSMUSG00000027865	0.1292205	5.57147646	0.67661199	0.82503207
ENSMUSG00000028104	0.12916212	3.12792572	0.69691858	0.83645742
ENSMUSG00000055897	0.12912883	3.22715706	0.69815182	0.83707733
ENSMUSG00000041841	0.12901597	7.33573721	0.67483235	0.82360706
ENSMUSG00000035152	0.12882518	8.29763579	0.67392863	0.82287663
ENSMUSG00000010025	0.12871948	5.7390201	0.67811007	0.8261115
ENSMUSG00000033373	0.12864591	3.44771643	0.70093721	0.83867297
ENSMUSG00000039191	0.12858519	7.51459033	0.67469715	0.82360706
ENSMUSG00000068523	0.1283113	5.31195605	0.6799293	0.82729974
ENSMUSG00000012405	0.12829208	6.74886966	0.67784509	0.82606064

ENSMUSG00000024170	0.12826784	3.76176256	0.7018259	0.83935794
ENSMUSG00000067567	0.12797843	4.08468348	0.69156881	0.83351479
ENSMUSG00000015112	0.12785001	4.86361593	0.68385654	0.82927122
ENSMUSG00000029524	0.12762391	2.06958744	0.73395694	0.85892476
ENSMUSG00000007833	0.12756865	2.32428324	0.77155621	0.88196547
ENSMUSG00000032258	0.12749865	3.92361192	0.68955393	0.83262193
ENSMUSG00000042328	0.12737556	4.00951802	0.69124402	0.83335668
ENSMUSG00000003037	0.12713168	6.89096007	0.67961863	0.82720172
ENSMUSG00000052632	0.12698907	2.02376805	0.74399995	0.86457925
ENSMUSG00000071078	0.12683321	4.15102439	0.69505927	0.83506229
ENSMUSG00000039396	0.12676239	4.58018822	0.68564371	0.83022476
ENSMUSG00000041319	0.12671589	3.5996463	0.70879669	0.84357835
ENSMUSG00000018841	0.12652497	4.27512578	0.6939173	0.83471324
ENSMUSG00000025155	0.12626089	5.46677785	0.68661003	0.8306487
ENSMUSG00000031545	0.12623608	7.0520302	0.68148732	0.82816228
ENSMUSG00000022982	0.12595159	7.37595478	0.68183902	0.82822167
ENSMUSG00000019494	0.12588194	6.65188991	0.68320931	0.82882463
ENSMUSG00000031232	0.12576042	8.1400245	0.68115561	0.82796432
ENSMUSG00000037470	0.12575339	8.44104712	0.68116422	0.82796432
ENSMUSG00000028793	0.1257203	8.05015914	0.68163653	0.82816228
ENSMUSG00000037257	0.1256425	5.23287923	0.68758379	0.83145365
ENSMUSG00000026730	0.12563686	2.70357834	0.72279373	0.85224225
ENSMUSG00000021238	0.12548999	3.21351347	0.70423131	0.84064982
ENSMUSG00000028383	0.12537743	5.57472415	0.68580827	0.83023759
ENSMUSG00000022463	0.12535086	6.94040726	0.68403245	0.82939126
ENSMUSG00000037012	0.12529033	5.93044824	0.68648314	0.83058838
ENSMUSG00000043683	0.12528392	6.29007749	0.68524976	0.83022476
ENSMUSG00000030276	0.12523733	1.59821968	0.7414134	0.86268905
ENSMUSG00000027963	0.12519634	3.92186909	0.69967073	0.83780248
ENSMUSG00000001403	0.12481079	6.62901814	0.68541749	0.83022476
ENSMUSG00000020936	0.12461219	7.68036375	0.68465962	0.83001462
ENSMUSG00000006463	0.12446576	3.57019339	0.70346525	0.84022461
ENSMUSG00000035268	0.12420057	5.3716945	0.69160704	0.83351479
ENSMUSG00000002741	0.12416487	6.99792337	0.6862275	0.83046889
ENSMUSG00000033446	0.12368586	3.63855234	0.69688668	0.83645742
ENSMUSG00000024026	0.1236229	5.86181652	0.68995071	0.83282517
ENSMUSG00000020212	0.12358194	4.11917183	0.69817171	0.83707733
ENSMUSG00000032612	0.12341684	7.64121151	0.68745947	0.83139654
ENSMUSG00000059791	0.12335634	4.3633545	0.69897377	0.8374141
ENSMUSG00000029578	0.12318981	5.65371915	0.69237676	0.83397643
ENSMUSG00000021257	0.12315251	2.60749656	0.74363258	0.86424547
ENSMUSG00000061544	0.12294083	3.00151673	0.69144881	0.83351039
ENSMUSG00000032202	0.12292436	4.82943545	0.69422278	0.83475024

ENSMUSG00000054199	0.12264057	5.66668467	0.6930751	0.83422377
ENSMUSG00000009905	0.12260875	3.9170203	0.6988033	0.8374141
ENSMUSG00000031633	0.12248738	7.17064183	0.69037172	0.83294737
ENSMUSG00000024571	0.12231388	6.24253356	0.6931236	0.83422377
ENSMUSG00000034522	0.12220624	3.04665881	0.71862522	0.84892688
ENSMUSG00000091780	0.12218497	1.67672435	0.77792904	0.88502867
ENSMUSG00000079020	0.12194796	2.96457522	0.72343992	0.8525381
ENSMUSG00000019731	0.12175523	7.11872989	0.69196929	0.83373651
ENSMUSG00000031158	0.1217545	3.54303467	0.7255032	0.8529024
ENSMUSG00000044770	0.12170225	2.10705537	0.72193437	0.85160143
ENSMUSG00000024639	0.12168932	5.64426621	0.69467276	0.83502433
ENSMUSG00000005674	0.1216831	4.8111997	0.7011305	0.83875344
ENSMUSG00000029434	0.12159262	6.09285556	0.69425769	0.83475024
ENSMUSG00000049439	0.12157621	5.51304085	0.69533082	0.83513847
ENSMUSG00000024425	0.12147219	6.62184545	0.69292191	0.83422377
ENSMUSG00000028826	0.12127791	5.53670941	0.69628184	0.8360654
ENSMUSG00000031422	0.12124907	8.48686173	0.69202295	0.83373651
ENSMUSG00000071037	0.12116676	1.24433668	0.77419743	0.88312601
ENSMUSG00000026427	0.12111914	5.77551187	0.69652257	0.83626134
ENSMUSG00000031666	0.12096782	6.49566968	0.69437973	0.8348039
ENSMUSG00000001248	0.12090452	5.73073597	0.69834001	0.83713858
ENSMUSG00000024069	0.12067711	4.14583602	0.70815327	0.84299866
ENSMUSG00000025208	0.12027404	4.04575913	0.7130395	0.84629298
ENSMUSG00000018858	0.12011754	4.24185227	0.71278697	0.84617951
ENSMUSG00000025508	0.12011061	6.25786678	0.69918531	0.8374141
ENSMUSG00000040592	0.12007866	9.29270249	0.69476903	0.83502433
ENSMUSG00000031584	0.12006178	4.87840516	0.69992248	0.83782965
ENSMUSG00000025505	0.11997014	2.97741145	0.7264707	0.85321934
ENSMUSG00000002342	0.11965397	4.2775869	0.71093767	0.84524235
ENSMUSG00000021271	0.11958494	3.3374944	0.71887984	0.84892688
ENSMUSG00000022350	0.1194999	7.04273544	0.69733344	0.83658292
ENSMUSG00000019977	0.119484	6.72563262	0.69802072	0.83707733
ENSMUSG00000031176	0.11947215	5.56869987	0.69983823	0.83782965
ENSMUSG00000074922	0.11941572	2.79079942	0.73746131	0.86125003
ENSMUSG00000018572	0.11937094	5.67851221	0.70233888	0.83978517
ENSMUSG00000059824	0.11925264	2.06164951	0.75045115	0.86879927
ENSMUSG00000014551	0.11900368	4.84171906	0.70618342	0.84186182
ENSMUSG00000052056	0.11896644	6.67844331	0.69919107	0.8374141
ENSMUSG00000035392	0.11896088	4.16649289	0.71642727	0.8481852
ENSMUSG00000051675	0.11837671	3.83959657	0.71688088	0.84842443
ENSMUSG00000043931	0.11837588	5.04158187	0.7035394	0.84022461
ENSMUSG00000037742	0.1180762	13.1998624	0.69909231	0.8374141
ENSMUSG00000004677	0.11799072	6.38016391	0.70270758	0.83985354



ENSMUSG00000027455	0.11789471	5.79432946	0.70599839	0.84173429
ENSMUSG00000024248	0.11756223	6.76082086	0.70297405	0.83998583
ENSMUSG00000004530	0.11750598	6.27698101	0.70490744	0.84089843
ENSMUSG00000000374	0.11735505	6.41203	0.70364136	0.84022461
ENSMUSG00000042670	0.11716692	4.39759815	0.70588422	0.84173429
ENSMUSG00000024096	0.11646635	5.98899444	0.70693731	0.84238038
ENSMUSG00000000028	0.11633974	6.63150277	0.70580711	0.84173429
ENSMUSG00000010376	0.11604693	6.77828462	0.706321	0.84193276
ENSMUSG00000095041	0.116006	6.48452509	0.70798154	0.84298033
ENSMUSG00000042502	0.11599915	6.73933584	0.70700898	0.84238038
ENSMUSG00000028718	0.11599107	6.41788611	0.70598742	0.84173429
ENSMUSG00000032320	0.11577313	5.41786463	0.7095162	0.84424834
ENSMUSG00000020087	0.11544295	3.8200564	0.73036497	0.85654819
ENSMUSG00000033216	0.11517685	4.34375415	0.72291114	0.8522875
ENSMUSG00000068267	0.11513251	5.21843295	0.71555598	0.84803477
ENSMUSG00000028107	0.11502368	5.2712648	0.71502026	0.84771092
ENSMUSG00000063808	0.11474627	4.44518748	0.71842246	0.84892688
ENSMUSG00000027219	0.11465626	5.95347072	0.71019917	0.84487456
ENSMUSG00000090319	0.11381965	2.14950005	0.76356987	0.87664617
ENSMUSG00000034893	0.11381824	6.22051861	0.71217861	0.8461093
ENSMUSG00000022723	0.11374917	5.04235895	0.71550711	0.84803477
ENSMUSG00000015087	0.11336481	6.16411675	0.71446407	0.8472378
ENSMUSG00000038990	0.11327143	5.36151896	0.71770572	0.8487486
ENSMUSG00000031971	0.11301141	2.58236211	0.73996342	0.8622113
ENSMUSG00000000711	0.11294263	6.6167056	0.71371488	0.84644245
ENSMUSG00000027523	0.11285217	8.34870373	0.71266773	0.8461311
ENSMUSG00000039840	0.1128315	5.48801279	0.71599499	0.84808541
ENSMUSG00000026189	0.11281305	3.5087806	0.73389789	0.85892476
ENSMUSG00000021497	0.11255764	4.37070838	0.7241494	0.85281502
ENSMUSG00000020888	0.11253098	3.12122603	0.74981865	0.86825344
ENSMUSG00000025139	0.11249541	6.26192082	0.71562993	0.84803477
ENSMUSG00000027613	0.11240328	5.68801004	0.72055788	0.85031631
ENSMUSG00000074918	0.11206789	4.22946889	0.72360212	0.85259837
ENSMUSG00000024687	0.11174506	7.0333799	0.71611069	0.84808541
ENSMUSG00000026353	0.11162346	7.29457258	0.71612725	0.84808541
ENSMUSG00000032280	0.11146443	4.75665857	0.72391235	0.85265789
ENSMUSG00000028453	0.11127833	4.62632182	0.72585181	0.85299089
ENSMUSG00000000605	0.11123176	6.09783291	0.71868289	0.84892688
ENSMUSG00000039159	0.11113896	4.76785519	0.72435042	0.85287236
ENSMUSG00000025369	0.11101837	6.90528727	0.71829645	0.84892688
ENSMUSG00000039671	0.111012	6.72369099	0.71844148	0.84892688
ENSMUSG00000026213	0.11079236	4.59453806	0.72944924	0.85587864
ENSMUSG00000000134	0.11078392	5.00476854	0.72531983	0.8529024

ENSMUSG00000018974	0.11051174	5.53571313	0.72484969	0.8529024
ENSMUSG00000078521	0.11030297	4.30131986	0.73203544	0.85760675
ENSMUSG00000055240	0.11026004	5.61314224	0.72224239	0.85187158
ENSMUSG00000035399	0.10996232	4.92076126	0.72514169	0.8529024
ENSMUSG00000044709	0.10956805	4.65674511	0.72960902	0.85597298
ENSMUSG00000059890	0.10956202	7.65610562	0.72068723	0.85031631
ENSMUSG00000026277	0.10954334	5.74182796	0.72542559	0.8529024
ENSMUSG00000055862	0.10939411	1.1310516	0.85931833	0.9309932
ENSMUSG00000037251	0.10890778	3.73181411	0.73921415	0.86200869
ENSMUSG00000031953	0.10888529	2.8006814	0.76206704	0.8754599
ENSMUSG00000041949	0.10876768	3.61286545	0.74426052	0.86461136
ENSMUSG00000004815	0.10857344	4.47582882	0.73227598	0.85779537
ENSMUSG00000085399	0.10855502	2.19145664	0.76909166	0.88009946
ENSMUSG00000026162	0.10853775	1.62148716	0.8204702	0.90896213
ENSMUSG00000031691	0.10847893	6.87057707	0.72483422	0.8529024
ENSMUSG00000030225	0.10847146	4.80926339	0.73193137	0.85760675
ENSMUSG00000026457	0.10841061	6.45152208	0.72564721	0.8529024
ENSMUSG00000060733	0.10778217	6.64846196	0.72644329	0.85321934
ENSMUSG00000005087	0.10765577	9.81873243	0.72471713	0.8529024
ENSMUSG00000037075	0.10763759	5.95643905	0.72639863	0.85321934
ENSMUSG00000005354	0.10755349	5.83476716	0.7305482	0.85660887
ENSMUSG00000059291	0.10754673	8.65659304	0.7255172	0.8529024
ENSMUSG00000028437	0.1074109	5.60230991	0.72971914	0.85600905
ENSMUSG00000039361	0.10737991	7.74974682	0.7258807	0.85299089
ENSMUSG00000025366	0.10733406	7.15634727	0.72738976	0.85411271
ENSMUSG00000038773	0.10727385	6.93717608	0.72713791	0.85390996
ENSMUSG00000030603	0.10712427	7.36650114	0.72759589	0.85426174
ENSMUSG00000038518	0.10708579	5.6695316	0.72936413	0.8558719
ENSMUSG00000025816	0.10691168	4.66848384	0.73471896	0.85936449
ENSMUSG00000029097	0.10690579	3.06540999	0.76064142	0.87514746
ENSMUSG00000036099	0.10689674	4.64990967	0.73561636	0.85993353
ENSMUSG00000030156	0.10633355	7.78940616	0.72841538	0.85494466
ENSMUSG00000018659	0.10587354	4.98878664	0.73826233	0.86162565
ENSMUSG00000038393	0.10585683	6.7159581	0.73079315	0.85680292
ENSMUSG00000032869	0.10582637	4.97197142	0.7379521	0.86162565
ENSMUSG00000018900	0.10568109	3.52009638	0.74325477	0.86424547
ENSMUSG00000034892	0.10555091	6.31067957	0.73326756	0.85849439
ENSMUSG00000031483	0.10554947	5.53669776	0.73456523	0.85936449
ENSMUSG00000026923	0.10540959	4.9685756	0.73929061	0.86200869
ENSMUSG00000005483	0.10536986	6.02592058	0.73387284	0.85892476
ENSMUSG00000020898	0.10533064	5.90416384	0.73471613	0.85936449
ENSMUSG00000048833	0.10526733	6.57067141	0.73254245	0.85801431
ENSMUSG00000050567	0.10513025	4.74633757	0.7382149	0.86162565

ENSMUSG00000022721	0.10509272	6.07397338	0.73535428	0.85972035
ENSMUSG00000035828	0.10492943	3.82938298	0.74909431	0.86781933
ENSMUSG00000073155	0.10483577	4.1573399	0.74660987	0.8664917
ENSMUSG00000029020	0.10476977	6.16284318	0.73518167	0.85965123
ENSMUSG00000049299	0.10446866	5.24004321	0.73869387	0.86184947
ENSMUSG00000030630	0.10445528	3.2543166	0.76231775	0.87558149
ENSMUSG00000028582	0.10429608	5.62562059	0.73816432	0.86162565
ENSMUSG00000044617	0.10377553	3.95147541	0.74727279	0.86707443
ENSMUSG00000036854	0.10372987	1.96287197	0.77406513	0.88312601
ENSMUSG00000024831	0.10348174	2.94834094	0.77281356	0.88246733
ENSMUSG00000031781	0.10341875	4.92565188	0.74426811	0.86461136
ENSMUSG00000030613	0.10322495	3.71237105	0.75461846	0.87136546
ENSMUSG00000039958	0.10313972	3.24210044	0.74352739	0.86424547
ENSMUSG00000062729	0.10310161	4.29218327	0.74701444	0.86686793
ENSMUSG00000047898	0.10304897	1.33956649	0.81761057	0.90718848
ENSMUSG00000020903	0.10296767	4.6023205	0.74654767	0.8664917
ENSMUSG00000029575	0.1028147	3.62730375	0.76024984	0.87497698
ENSMUSG00000043415	0.10272736	3.1146756	0.74918806	0.86781933
ENSMUSG00000039176	0.10231337	5.95853255	0.74208085	0.86327938
ENSMUSG00000056692	0.10223698	6.88511492	0.74020101	0.86225448
ENSMUSG00000031617	0.10162011	5.74441197	0.7417047	0.86293489
ENSMUSG00000003779	0.10149079	7.70567087	0.74079319	0.86252578
ENSMUSG00000002635	0.10137909	3.33487518	0.76641577	0.87888427
ENSMUSG00000054381	0.10118686	2.47261631	0.79289626	0.89263944
ENSMUSG00000022681	0.10118116	5.28553858	0.74621763	0.86631617
ENSMUSG00000058239	0.10117294	5.40498878	0.74779559	0.86715681
ENSMUSG00000017652	0.10107296	6.61472582	0.74355126	0.86424547
ENSMUSG00000025745	0.10078235	7.49057732	0.74279309	0.86392156
ENSMUSG00000041915	0.10062813	6.62317448	0.74358517	0.86424547
ENSMUSG00000006392	0.10037561	5.6737351	0.74749196	0.86714213
ENSMUSG00000074829	0.10030891	4.17012793	0.74911335	0.86781933
ENSMUSG00000040621	0.09993665	2.38604399	0.78095586	0.88664972
ENSMUSG00000021457	0.09991125	8.71512447	0.74414144	0.86461136
ENSMUSG00000025821	0.09982747	4.06060351	0.76450899	0.87744412
ENSMUSG00000000276	0.09979137	4.85320215	0.74970007	0.86820935
ENSMUSG00000029580	0.09959155	11.114526	0.74449934	0.86478682
ENSMUSG00000047824	0.09939345	5.64479225	0.7499849	0.86835272
ENSMUSG00000048218	0.09937065	5.91766327	0.74780862	0.86715681
ENSMUSG00000079418	0.09887025	5.02318008	0.75160973	0.86958044
ENSMUSG00000028459	0.09871437	6.6856475	0.74875336	0.86781933
ENSMUSG00000078866	0.09847261	3.04164673	0.75747685	0.87299672
ENSMUSG00000032526	0.09825808	3.74321835	0.76582719	0.87848956
ENSMUSG00000037509	0.09785722	1.65054341	0.84837336	0.92477601

ENSMUSG00000037965	0.0978383	7.79516627	0.74949407	0.86806402
ENSMUSG00000040524	0.09770135	5.46533365	0.75408413	0.87091164
ENSMUSG00000052926	0.09751882	4.69986805	0.76100193	0.87527047
ENSMUSG00000029314	0.09744498	2.97103817	0.77661646	0.88423954
ENSMUSG00000004100	0.0974202	4.15215095	0.76880111	0.88009946
ENSMUSG00000023942	0.09737001	4.66409094	0.76505437	0.8778832
ENSMUSG00000002814	0.09695885	4.65606288	0.76115416	0.87527047
ENSMUSG00000001062	0.09693688	2.56071959	0.8036108	0.89869739
ENSMUSG00000022742	0.0968146	9.18456936	0.75159153	0.86958044
ENSMUSG00000061461	0.09670857	3.96974965	0.76611624	0.87872767
ENSMUSG00000006273	0.09664959	7.56441395	0.75278217	0.87019004
ENSMUSG00000013150	0.0965111	1.21956266	0.86688695	0.93419695
ENSMUSG00000033669	0.09650613	3.62104131	0.77234371	0.88214569
ENSMUSG00000028680	0.09644125	4.19978992	0.76707173	0.87935596
ENSMUSG00000037337	0.09611888	7.2996759	0.75489315	0.87141594
ENSMUSG00000028223	0.09597902	4.67655821	0.75966445	0.87458326
ENSMUSG00000005682	0.09589149	5.31202443	0.75899944	0.87398527
ENSMUSG00000037001	0.09576959	4.65958717	0.76202441	0.8754599
ENSMUSG00000001100	0.09561891	5.83898957	0.75867698	0.87379605
ENSMUSG000000054520	0.09533132	5.24498886	0.76183654	0.87540173
ENSMUSG00000028772	0.09513124	5.69630541	0.76054869	0.87513413
ENSMUSG00000007035	0.09510413	1.30198936	0.84311947	0.92138228
ENSMUSG00000028798	0.09506749	7.32669619	0.75764087	0.87309245
ENSMUSG00000023892	0.09467082	4.72517234	0.76168483	0.87532068
ENSMUSG00000029394	0.09452589	4.64887301	0.76820026	0.88008835
ENSMUSG00000047515	0.09447499	1.33954837	0.81761057	0.90718848
ENSMUSG00000020883	0.09428269	4.86117105	0.76312415	0.87622773
ENSMUSG00000026399	0.09413527	6.15255734	0.75976899	0.87461024
ENSMUSG00000020692	0.09384525	3.6315764	0.79423242	0.89377047
ENSMUSG00000039715	0.09353609	1.06411508	0.85376696	0.92753676
ENSMUSG00000021179	0.0932552	4.18556703	0.77420932	0.88312601
ENSMUSG00000035505	0.09324286	3.52312726	0.7791297	0.88583391
ENSMUSG00000019432	0.09309267	7.55088228	0.76213071	0.8754599
ENSMUSG00000029992	0.09298845	7.87797166	0.76148242	0.87532068
ENSMUSG00000034071	0.09211492	1.395403	0.8233507	0.9106681
ENSMUSG00000031930	0.09193328	5.61563773	0.76977054	0.88048425
ENSMUSG00000020546	0.09139671	3.67932441	0.77478481	0.8833153
ENSMUSG00000026024	0.09131339	5.66443338	0.76879583	0.88009946
ENSMUSG00000025956	0.09085204	3.51789452	0.78569195	0.8884009
ENSMUSG00000031295	0.09082448	5.06935868	0.77243874	0.88214569
ENSMUSG00000039531	0.09079028	6.06233548	0.76840437	0.88009946
ENSMUSG00000070544	0.09056711	9.4513975	0.76703394	0.87935596
ENSMUSG00000059409	0.0905445	6.45710287	0.77026435	0.88094943

ENSMUSG00000033862	0.09033703	2.99470738	0.81026284	0.90288131
ENSMUSG00000036214	0.090164	2.04697998	0.78567706	0.8884009
ENSMUSG00000010277	0.08995646	8.55277611	0.76886398	0.88009946
ENSMUSG00000058173	0.08981302	2.62310964	0.81195516	0.90390466
ENSMUSG00000006763	0.08963337	4.80504514	0.77733557	0.88463348
ENSMUSG00000028405	0.08952207	5.98575095	0.77307418	0.88267147
ENSMUSG00000055670	0.0894425	6.58512531	0.77130644	0.88178431
ENSMUSG00000031447	0.08934498	7.66357079	0.77107132	0.88169156
ENSMUSG00000037300	0.08902833	6.07901699	0.77432836	0.88316838
ENSMUSG00000061983	0.0890152	8.20433753	0.77173727	0.88198545
ENSMUSG00000017499	0.08895222	7.0679724	0.77229897	0.88214569
ENSMUSG00000068130	0.0889262	2.0795337	0.77197716	0.88209717
ENSMUSG00000026848	0.08881216	5.95428552	0.7747749	0.8833153
ENSMUSG00000068101	0.08846118	2.67233866	0.83028826	0.91468266
ENSMUSG00000026991	0.08835083	4.71140961	0.78124496	0.88664972
ENSMUSG00000032518	0.08814078	9.68671145	0.77322213	0.88274692
ENSMUSG00000042207	0.08813687	4.91437342	0.77637563	0.88420195
ENSMUSG00000026766	0.08781314	6.92606309	0.77499854	0.88346556
ENSMUSG00000036327	0.08748828	4.28940037	0.78486645	0.8882018
ENSMUSG00000003746	0.08731552	9.32581034	0.77517075	0.8834751
ENSMUSG00000030347	0.08727976	5.75141482	0.77877801	0.88552742
ENSMUSG00000021235	0.0870339	3.50894988	0.80608654	0.90018325
ENSMUSG00000026773	0.08692456	5.86769465	0.77934217	0.88586414
ENSMUSG00000020708	0.08691058	7.19974668	0.7778917	0.88502867
ENSMUSG00000025162	0.08633051	6.88181216	0.77948304	0.88586414
ENSMUSG00000041168	0.08628612	5.91028906	0.78327515	0.88755272
ENSMUSG00000042496	0.08622363	3.50039825	0.79739455	0.89492503
ENSMUSG00000037134	0.08619191	5.43889767	0.78210129	0.88687234
ENSMUSG00000030168	0.08616483	7.67590441	0.77877504	0.88552742
ENSMUSG00000021266	0.08607426	6.03772296	0.78231838	0.88693274
ENSMUSG00000047694	0.08595819	6.01430608	0.78066772	0.88664972
ENSMUSG00000033809	0.08576858	4.13392938	0.79495444	0.89420972
ENSMUSG00000050705	0.08573979	4.15178588	0.79270439	0.89260981
ENSMUSG00000003868	0.08563718	5.3227035	0.78870561	0.89024506
ENSMUSG00000034848	0.08553079	4.53194978	0.78788538	0.88965899
ENSMUSG00000032440	0.08513469	7.26355652	0.78161052	0.88671643
ENSMUSG00000032599	0.08507155	3.48472165	0.79578446	0.89462453
ENSMUSG00000020220	0.08506081	6.38367597	0.78218127	0.88687234
ENSMUSG00000001419	0.08498727	6.27435413	0.78408535	0.8879335
ENSMUSG00000035929	0.08498224	6.78022669	0.78320514	0.88755272
ENSMUSG00000015355	0.08482749	7.67057675	0.78208614	0.88687234
ENSMUSG00000029048	0.08478499	7.29098269	0.78248128	0.88693274
ENSMUSG00000089917	0.08477742	3.83854435	0.80300533	0.89833226

ENSMUSG00000034614	0.08430709	3.33982707	0.80786684	0.90158708
ENSMUSG00000036528	0.08426806	4.83295815	0.79021067	0.89113043
ENSMUSG00000026254	0.08424245	6.6283077	0.78508341	0.8882018
ENSMUSG00000039908	0.08417215	2.0637716	0.8257531	0.91201571
ENSMUSG00000059923	0.08379423	7.92973347	0.78476136	0.8882018
ENSMUSG00000052214	0.08360247	5.37760322	0.79088926	0.89149679
ENSMUSG00000044197	0.08348161	1.25144501	0.8703698	0.93635814
ENSMUSG00000044991	0.08284237	1.96745024	0.83509657	0.91723854
ENSMUSG00000003360	0.08282926	6.36997052	0.78989876	0.89097112
ENSMUSG00000022507	0.082579	6.26390748	0.78865447	0.89024506
ENSMUSG00000005262	0.08254371	6.55521033	0.78895217	0.89033698
ENSMUSG00000027582	0.08249095	4.31685702	0.80130325	0.8974197
ENSMUSG00000026670	0.08242456	6.27399473	0.78959788	0.89093049
ENSMUSG00000074151	0.08216203	7.74653717	0.78883492	0.89029783
ENSMUSG00000062352	0.08202089	5.25370568	0.79374172	0.89340473
ENSMUSG00000042901	0.08180285	7.51785141	0.78964333	0.89093049
ENSMUSG00000040761	0.08170904	5.86115738	0.79251999	0.89249536
ENSMUSG00000028559	0.08170111	7.44965957	0.7899272	0.89097112
ENSMUSG00000035297	0.08163483	6.83191988	0.79104474	0.89155946
ENSMUSG00000024191	0.0815172	4.3692891	0.80009983	0.89672381
ENSMUSG00000011658	0.08146977	2.53752274	0.82931337	0.91379538
ENSMUSG00000040945	0.08146798	7.36144439	0.79165243	0.89182696
ENSMUSG00000024764	0.08146376	6.8912054	0.79167563	0.89182696
ENSMUSG00000021222	0.08134405	3.36412399	0.81077785	0.90324672
ENSMUSG00000035376	0.08134005	4.75996409	0.79648243	0.89480847
ENSMUSG00000024766	0.08107849	4.54553476	0.79494788	0.89420972
ENSMUSG00000030330	0.08085506	4.37565629	0.80097047	0.89723336
ENSMUSG00000023938	0.08070038	2.25576302	0.86222884	0.93147859
ENSMUSG00000041515	0.08054881	8.06423925	0.79287484	0.89263944
ENSMUSG00000027882	0.08030537	5.03941437	0.79551974	0.89462453
ENSMUSG00000030685	0.08023454	2.20933763	0.82344688	0.91066834
ENSMUSG00000043243	0.0801081	5.51419758	0.7983083	0.8952742
ENSMUSG00000029623	0.08004639	6.55042978	0.79604014	0.89462453
ENSMUSG00000024603	0.07973605	6.20060562	0.79589303	0.89462453
ENSMUSG00000030275	0.0795913	9.10048005	0.79459516	0.89403114
ENSMUSG00000023074	0.07953433	3.8995374	0.81101224	0.90341453
ENSMUSG00000030157	0.07936383	6.49874964	0.79621678	0.89469644
ENSMUSG00000026672	0.07934564	4.82640065	0.8004609	0.8967557
ENSMUSG00000001175	0.07933656	9.60002541	0.7952764	0.89447858
ENSMUSG00000036678	0.0792218	5.77089684	0.80042923	0.8967557
ENSMUSG00000021147	0.07919963	6.14241202	0.79716396	0.89492503
ENSMUSG00000006998	0.07912568	8.88189511	0.79606982	0.89462453
ENSMUSG00000026843	0.07900763	4.87012042	0.80240625	0.89809538

ENSMUSG00000020387	0.07899922	7.22519326	0.7976813	0.89492503
ENSMUSG00000015714	0.07889725	7.61630585	0.7971265	0.89492503
ENSMUSG00000038943	0.0788608	8.18840101	0.79681548	0.89492503
ENSMUSG00000048546	0.07880655	5.60387447	0.80149758	0.89743054
ENSMUSG00000002028	0.07854864	7.4531631	0.79774273	0.89492503
ENSMUSG00000096433	0.07845515	4.41104806	0.79791321	0.89501727
ENSMUSG00000029363	0.07776264	6.5355461	0.80164581	0.89743054
ENSMUSG00000012519	0.07770611	5.91660039	0.80156995	0.89743054
ENSMUSG00000024666	0.07741964	4.26011584	0.81140223	0.90356894
ENSMUSG00000019843	0.07721024	5.89497832	0.80343089	0.89858937
ENSMUSG00000029474	0.07716418	5.62964524	0.8047623	0.89955044
ENSMUSG00000022312	0.07712393	8.15701215	0.80141187	0.89743054
ENSMUSG00000001844	0.07710279	3.74484008	0.82154454	0.90938484
ENSMUSG00000010392	0.0768033	5.84444799	0.80425911	0.89932914
ENSMUSG00000013973	0.07666665	4.59367231	0.81192171	0.90390466
ENSMUSG00000062116	0.07665252	4.34969559	0.81421057	0.90561718
ENSMUSG00000025232	0.07657656	5.45205026	0.80690193	0.90069665
ENSMUSG00000049882	0.07655458	4.29220434	0.81133827	0.90356894
ENSMUSG00000009406	0.0759869	4.79477247	0.80970158	0.90270049
ENSMUSG00000055932	0.0758118	5.87671554	0.80803957	0.90159325
ENSMUSG00000025147	0.07564641	3.42268887	0.82584877	0.91202797
ENSMUSG00000024098	0.07542812	7.07768032	0.80603886	0.90018325
ENSMUSG00000036615	0.07542634	3.07796624	0.83074679	0.91500086
ENSMUSG00000024146	0.07529659	4.72675375	0.80988609	0.90271955
ENSMUSG00000072620	0.07514805	8.23121953	0.80619156	0.90018325
ENSMUSG00000062646	0.07483812	4.65192054	0.81253467	0.90444002
ENSMUSG00000031641	0.07462603	3.32567703	0.81464216	0.90568459
ENSMUSG00000044068	0.07459373	3.7662521	0.81817758	0.90755267
ENSMUSG00000048076	0.07446039	8.30806335	0.80814127	0.90161344
ENSMUSG00000033386	0.07414647	4.09068229	0.81859078	0.90774954
ENSMUSG00000079511	0.07411711	1.37013308	0.87979248	0.94071645
ENSMUSG00000031948	0.07409468	8.13742001	0.80922548	0.90247079
ENSMUSG00000074733	0.07407255	4.83737602	0.81167599	0.90378048
ENSMUSG00000004895	0.07372419	4.95432612	0.81759626	0.90718848
ENSMUSG00000030751	0.07370107	8.58213971	0.80968282	0.90270049
ENSMUSG00000045248	0.07364842	3.00203778	0.83194898	0.91541831
ENSMUSG00000020485	0.07352734	5.33583385	0.8148832	0.90585512
ENSMUSG00000036860	0.07337365	2.92658871	0.84539432	0.92302646
ENSMUSG00000038717	0.07279031	4.21681539	0.82873869	0.91362891
ENSMUSG00000027291	0.07275092	6.08977184	0.81464582	0.90568459
ENSMUSG00000041815	0.07272822	7.23088463	0.81336915	0.90482494
ENSMUSG00000029310	0.07265442	4.84588726	0.82159646	0.90938484
ENSMUSG00000046006	0.07242135	3.05742097	0.82849495	0.91354699

ENSMUSG00000078619	0.07239974	6.45646734	0.81518425	0.90600298
ENSMUSG00000034566	0.07218116	7.19661183	0.8146201	0.90568459
ENSMUSG00000041774	0.07207953	2.3317322	0.8693916	0.93577393
ENSMUSG00000026799	0.07178717	3.82995928	0.8314477	0.91524806
ENSMUSG00000021120	0.07164212	4.11445604	0.82642712	0.91247979
ENSMUSG00000003099	0.07162655	6.63734046	0.81734402	0.90718848
ENSMUSG00000030659	0.07161058	5.25251763	0.81857534	0.90774954
ENSMUSG00000076676	0.0715268	1.08239228	0.92730228	0.96419555
ENSMUSG00000013275	0.0711853	4.60725821	0.82525139	0.911794
ENSMUSG00000049643	0.07103698	3.89854872	0.83886221	0.91896486
ENSMUSG00000028059	0.07102019	6.52649776	0.81860759	0.90774954
ENSMUSG00000026239	0.07074322	4.16465211	0.82729612	0.91296093
ENSMUSG00000047153	0.07072311	5.37392477	0.82101714	0.90928856
ENSMUSG00000001783	0.07069966	8.05055517	0.81776513	0.90718848
ENSMUSG00000052906	0.07040946	4.75254795	0.82414997	0.91108491
ENSMUSG00000027007	0.07019905	5.95646471	0.82109162	0.90928856
ENSMUSG00000074794	0.06982254	5.5382334	0.82160019	0.90938484
ENSMUSG00000022964	0.06978222	6.1328537	0.82137824	0.90938484
ENSMUSG00000037791	0.06977604	5.92759752	0.82289175	0.91044061
ENSMUSG00000001018	0.06974124	4.90701533	0.82325913	0.91066022
ENSMUSG00000060036	0.06955975	10.0720885	0.82007413	0.90872168
ENSMUSG00000024790	0.06946306	2.65598501	0.8545815	0.92807723
ENSMUSG00000028452	0.06938978	9.42769465	0.82054399	0.90896213
ENSMUSG00000010054	0.0689444	4.58176921	0.8292199	0.91379538
ENSMUSG00000006464	0.06890088	1.42404339	0.91218416	0.95755807
ENSMUSG00000032750	0.06881321	1.23417731	0.86922956	0.93577393
ENSMUSG00000001962	0.06869726	5.43652006	0.82737084	0.91296093
ENSMUSG00000003575	0.06851957	2.74373697	0.86229143	0.93147859
ENSMUSG00000045503	0.06850827	4.77600327	0.83201455	0.91541831
ENSMUSG00000035824	0.06827146	3.40914876	0.84012639	0.9194311
ENSMUSG00000027371	0.0682304	1.77443565	0.85971462	0.93119469
ENSMUSG00000033712	0.06815005	6.03433839	0.82774083	0.9130889
ENSMUSG00000000148	0.06774163	3.61806288	0.84693721	0.92390978
ENSMUSG00000028974	0.067624	5.03367194	0.83149288	0.91524806
ENSMUSG00000018347	0.06738335	3.75436966	0.83521076	0.91723854
ENSMUSG00000018541	0.06737073	4.98308429	0.83086266	0.91503502
ENSMUSG00000020956	0.06731154	3.25659921	0.84935323	0.92504132
ENSMUSG00000034320	0.06729061	5.64698493	0.82759414	0.91302048
ENSMUSG00000023249	0.06728419	3.54920653	0.83988318	0.9194311
ENSMUSG00000032788	0.06706857	5.27360672	0.83288483	0.9157657
ENSMUSG00000024431	0.06701683	7.16737359	0.82698702	0.91296093
ENSMUSG00000067148	0.0669096	5.42147257	0.8333535	0.91618759
ENSMUSG00000021400	0.06676565	5.50033582	0.83152637	0.91524806



ENSMUSG00000034940	0.0667632	6.18232531	0.8290584	0.91379454
ENSMUSG00000078684	0.06651556	4.47921313	0.83683107	0.91776531
ENSMUSG00000060090	0.0665133	6.70353978	0.82845535	0.91354699
ENSMUSG00000050621	0.06643337	7.53110709	0.82904495	0.91379454
ENSMUSG00000021807	0.06638931	7.541656	0.82858634	0.91355435
ENSMUSG00000015377	0.06635463	2.2636547	0.88013485	0.94081009
ENSMUSG00000039157	0.06613588	3.94368884	0.843609	0.92182384
ENSMUSG00000044600	0.06606269	5.98971255	0.83145161	0.91524806
ENSMUSG00000029625	0.06568289	4.89763702	0.83831888	0.91892974
ENSMUSG00000024740	0.0654182	9.49946237	0.83068008	0.91500086
ENSMUSG00000020790	0.06540857	7.59714315	0.83105803	0.91515672
ENSMUSG00000025487	0.06521811	7.10835569	0.83267209	0.91562515
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ENSMUSG00000070691	0.06512699	6.13078393	0.83452654	0.91706917
ENSMUSG00000025794	0.06487832	9.29505512	0.83214444	0.91541831
ENSMUSG00000034342	0.06485046	7.35521744	0.83232804	0.91552615
ENSMUSG00000053436	0.06474371	6.3271847	0.83470446	0.91706917
ENSMUSG00000017615	0.06462501	5.91909102	0.83583929	0.91723854
ENSMUSG00000040822	0.0644639	5.05104424	0.83930201	0.91916654
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ENSMUSG00000039166	0.06396957	2.75674828	0.86409312	0.93248207
ENSMUSG00000041483	0.06382542	6.64539137	0.83539974	0.91723854
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ENSMUSG00000006585	0.06366423	4.49610966	0.84664508	0.9237374
ENSMUSG00000079179	0.06364077	3.70878012	0.85618243	0.92925501
ENSMUSG00000055725	0.06328658	1.98970467	0.87795488	0.94010239
ENSMUSG00000022787	0.06326518	3.56113872	0.84838225	0.92477601
ENSMUSG00000017715	0.06310256	4.59328183	0.84878192	0.92494586
ENSMUSG00000050945	0.06299872	2.50902168	0.86933525	0.93577393
ENSMUSG00000039981	0.0628631	5.74576007	0.83884114	0.91896486
ENSMUSG00000050410	0.06246253	5.29785547	0.84435754	0.92249831
ENSMUSG00000021671	0.06232139	5.28595455	0.84267737	0.9211792
ENSMUSG00000010095	0.06231353	7.13479222	0.83999933	0.9194311
ENSMUSG00000028886	0.06225007	6.73116686	0.84001726	0.9194311
ENSMUSG00000006728	0.06210135	7.76411492	0.8400459	0.9194311
ENSMUSG00000037750	0.06194146	4.19855293	0.84966557	0.92506749
ENSMUSG00000046897	0.06191443	6.44018604	0.84143655	0.92047594
ENSMUSG00000040725	0.06189854	8.21714926	0.84008226	0.9194311
ENSMUSG00000097154	0.06173398	1.98430327	0.85742686	0.92962605
ENSMUSG00000031723	0.06154101	3.18426225	0.86035032	0.93139517
ENSMUSG00000022354	0.06134455	5.96460209	0.84453553	0.92249831
ENSMUSG00000032047	0.06126865	7.06197292	0.84226456	0.92100801

ENSMUSG00000024442	0.06106424	4.63504627	0.85255634	0.92697281
ENSMUSG00000073702	0.06087373	8.63859538	0.842618	0.9211792
ENSMUSG00000028629	0.06077269	4.92776866	0.84648951	0.92366113
ENSMUSG00000036450	0.06074432	6.27494733	0.84457219	0.92249831
ENSMUSG00000022807	0.06074189	5.08093754	0.84697441	0.92390978
ENSMUSG00000057230	0.06069218	4.20628375	0.85040728	0.92578156
ENSMUSG00000044367	0.06025605	2.56232681	0.8874353	0.94491531
ENSMUSG00000018425	0.06023886	6.79549923	0.84465396	0.92249831
ENSMUSG00000021192	0.06004043	6.02591548	0.84629103	0.92366113
ENSMUSG00000003464	0.05996968	5.89290104	0.84786947	0.92453973
ENSMUSG00000024319	0.05995947	5.5540112	0.8495179	0.92504132
ENSMUSG00000001755	0.05987006	3.6820159	0.85986987	0.93119469
ENSMUSG00000086841	0.0597995	4.72140653	0.85271546	0.92697281
ENSMUSG00000005410	0.059168	8.10725831	0.84732731	0.92410778
ENSMUSG00000087266	0.05915728	1.06355145	0.92730228	0.96419555
ENSMUSG00000028525	0.05912075	6.19831304	0.847909	0.92453973
ENSMUSG00000027160	0.05881359	4.40352304	0.85692292	0.92940825
ENSMUSG00000005299	0.05861792	5.80215994	0.85262508	0.92697281
ENSMUSG00000066643	0.05847166	3.89680129	0.86163455	0.93147859
ENSMUSG00000037210	0.05838576	5.53070771	0.85174505	0.92658314
ENSMUSG00000029528	0.05830406	5.93593802	0.85225649	0.92695249
ENSMUSG00000048175	0.05829693	4.73164327	0.85375237	0.92753676
ENSMUSG00000045969	0.05801299	5.63442262	0.85338707	0.92734041
ENSMUSG00000034931	0.05790899	6.721056	0.85156276	0.92648275
ENSMUSG00000025217	0.05789325	4.13352027	0.85751176	0.92962605
ENSMUSG00000022757	0.0577446	6.20996075	0.85247527	0.92697281
ENSMUSG00000026311	0.05738765	4.84194824	0.85701369	0.92940825
ENSMUSG00000020755	0.05667682	5.9693994	0.85640171	0.92939882
ENSMUSG00000021585	0.05664869	6.79116493	0.85391181	0.92753676
ENSMUSG00000039178	0.05657624	3.14466338	0.86644893	0.93400492
ENSMUSG00000045598	0.05657604	3.78144339	0.86888572	0.93569638
ENSMUSG00000054676	0.05652267	4.3347417	0.8629248	0.93177069
ENSMUSG00000078994	0.05648789	4.51403356	0.85303687	0.92705327
ENSMUSG00000020513	0.05634471	4.20743262	0.86000409	0.93124652
ENSMUSG00000037364	0.05601132	7.61978188	0.85577506	0.92899922
ENSMUSG00000020184	0.0556541	7.38749529	0.85618303	0.92925501
ENSMUSG00000034165	0.05565169	5.23700062	0.86299385	0.93177069
ENSMUSG00000082536	0.05554188	2.73405724	0.8744953	0.93864411
ENSMUSG00000028245	0.05546713	6.76481874	0.85697275	0.92940825
ENSMUSG00000026289	0.05544258	5.20363239	0.86057321	0.93139517
ENSMUSG00000062944	0.05535826	3.039524	0.87698757	0.93963577
ENSMUSG00000061132	0.05531463	8.38130883	0.85680238	0.92940825
ENSMUSG00000044250	0.05529976	4.53477079	0.86676783	0.93416193

ENSMUSG00000044502	0.05500113	3.45557607	0.88333478	0.94260595
ENSMUSG00000020456	0.0546821	7.80228167	0.85887946	0.93077641
ENSMUSG00000020091	0.05413036	6.32150864	0.86178757	0.93147859
ENSMUSG00000028800	0.05389784	7.50671798	0.86093815	0.93141623
ENSMUSG00000003153	0.05368255	5.296883	0.86449861	0.93255506
ENSMUSG00000090086	0.0533191	4.42091924	0.87054216	0.93635814
ENSMUSG00000034432	0.05328561	6.18133107	0.86410302	0.93248207
ENSMUSG00000035299	0.05327838	4.11198221	0.87537826	0.93893765
ENSMUSG00000029190	0.05275408	5.57738676	0.86551169	0.93308788
ENSMUSG00000032846	0.05275327	2.87423225	0.87398697	0.93847212
ENSMUSG00000054509	0.05271722	6.62327753	0.86390904	0.93247874
ENSMUSG00000040010	0.05258575	7.59889524	0.8644902	0.93255506
ENSMUSG00000017264	0.05253682	6.97139113	0.86489779	0.93264449
ENSMUSG00000027889	0.05238791	5.4087214	0.86996734	0.93611333
ENSMUSG00000026627	0.05234209	3.65742088	0.88452385	0.94349211
ENSMUSG00000042351	0.05193676	4.17974828	0.87606735	0.9389447
ENSMUSG00000021408	0.05175658	6.17679344	0.86765147	0.93492549
ENSMUSG00000026222	0.05137465	8.98658686	0.86658362	0.93405675
ENSMUSG00000025231	0.05113365	4.7656206	0.87493495	0.93883567
ENSMUSG00000024213	0.05081816	4.9258463	0.87574798	0.9389447
ENSMUSG00000062963	0.05064348	6.07057774	0.87156336	0.93717612
ENSMUSG00000026032	0.0506006	5.16000973	0.87536439	0.93893765
ENSMUSG00000022604	0.05049501	4.91745134	0.8720787	0.93763676
ENSMUSG00000021124	0.05018303	5.74415561	0.87252777	0.9377935
ENSMUSG00000032485	0.04997319	5.48202883	0.87611317	0.9389447
ENSMUSG00000067288	0.04996029	6.75647646	0.8725105	0.9377935
ENSMUSG00000017132	0.04979002	6.21948623	0.87306639	0.938097
ENSMUSG00000026933	0.04955868	5.21498753	0.87609239	0.9389447
ENSMUSG00000026575	0.04948338	3.14574156	0.88538728	0.94394101
ENSMUSG00000029106	0.04912298	7.10199882	0.87333843	0.93817364
ENSMUSG00000074649	0.04907704	3.72540516	0.89604264	0.95042036
ENSMUSG00000005374	0.04899699	6.10063657	0.87502261	0.93883632
ENSMUSG00000027808	0.04881001	9.74865417	0.87311569	0.938097
ENSMUSG00000000732	0.04879431	3.08511863	0.8805537	0.94111904
ENSMUSG00000028152	0.04844792	4.69882782	0.87850506	0.9403274
ENSMUSG00000062604	0.04810925	6.17384637	0.87616248	0.9389447
ENSMUSG00000030313	0.04808454	5.89028868	0.87616844	0.9389447
ENSMUSG00000020246	0.04797033	5.42657328	0.87812049	0.94010239
ENSMUSG00000041870	0.04796263	7.28705444	0.8767768	0.93950328
ENSMUSG00000021577	0.04785345	8.25620125	0.87607918	0.9389447
ENSMUSG00000034602	0.04765703	6.69432209	0.87721398	0.93967786
ENSMUSG00000035953	0.04757989	6.01851071	0.87887881	0.94035412
ENSMUSG00000029482	0.04749147	4.32339563	0.88741975	0.94491531

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ENSMUSG00000037270	0.0468726	7.70083439	0.87804071	0.94010239
ENSMUSG00000039994	0.0468428	5.59121223	0.88317961	0.94260595
ENSMUSG00000017716	0.046557	7.23361939	0.87986539	0.94071645
ENSMUSG00000009073	0.0463592	6.46191642	0.88147469	0.94173931
ENSMUSG00000038379	0.04633991	6.03653248	0.88144775	0.94173931
ENSMUSG00000030934	0.04591809	7.43934555	0.88165802	0.94173931
ENSMUSG00000038776	0.04578475	4.06001515	0.88625454	0.94449738
ENSMUSG00000048490	0.04564034	4.36070278	0.88618197	0.94449738
ENSMUSG00000001525	0.04557489	10.1117803	0.88157719	0.94173931
ENSMUSG00000021036	0.04551119	6.32301077	0.88293281	0.94255931
ENSMUSG00000051978	0.04543447	2.28180558	0.91538505	0.95905158
ENSMUSG00000028214	0.04531642	4.6357762	0.8877319	0.94506634
ENSMUSG00000021140	0.04524338	4.80168121	0.88546989	0.94394101
ENSMUSG00000021290	0.04518029	6.28567995	0.88477663	0.94359959
ENSMUSG00000029714	0.04503091	3.79538157	0.90082018	0.95327354
ENSMUSG00000022184	0.0449212	4.39550557	0.8889072	0.94564222
ENSMUSG00000009090	0.04486972	6.27034802	0.88648299	0.94460776
ENSMUSG00000015937	0.04434784	7.00916114	0.88622475	0.94449738
ENSMUSG00000016833	0.04416114	5.27509732	0.88861063	0.94553115
ENSMUSG00000015839	0.04414455	6.15859509	0.88688532	0.94467071
ENSMUSG00000034575	0.0440068	4.89599208	0.89166308	0.94764139
ENSMUSG00000035545	0.04398937	6.02721833	0.88886637	0.94564222
ENSMUSG00000038884	0.04333495	4.80054465	0.89387969	0.9489662
ENSMUSG00000028745	0.04318047	8.10115123	0.88832824	0.94549267
ENSMUSG00000030714	0.04300578	3.22763265	0.91816846	0.96045251
ENSMUSG00000025157	0.04295716	5.16808803	0.89346149	0.9486156
ENSMUSG00000027610	0.04290354	3.98421365	0.90734982	0.95532678
ENSMUSG00000024260	0.04279938	6.20107352	0.89085506	0.9471538
ENSMUSG00000057667	0.04257699	2.83910095	0.89451201	0.94928669
ENSMUSG00000032959	0.04256193	6.88137265	0.89125081	0.94738775
ENSMUSG00000040430	0.04235913	3.11215334	0.90215834	0.95343743
ENSMUSG00000030878	0.0423008	4.34465277	0.89755629	0.95131757
ENSMUSG00000024513	0.04223405	6.90615565	0.89112607	0.94734853
ENSMUSG00000054469	0.04214202	5.3172758	0.89210839	0.948019
ENSMUSG00000048458	0.04209044	3.33919376	0.90742428	0.95532678
ENSMUSG00000038042	0.04199846	2.49729239	0.91147745	0.95718891
ENSMUSG00000036503	0.04195411	5.71166359	0.89235336	0.9480489
ENSMUSG00000059540	0.04179199	2.48302767	0.92574833	0.96419555
ENSMUSG00000029463	0.04177945	4.07628961	0.90268175	0.95351088
ENSMUSG00000029922	0.04173564	5.68810871	0.89471068	0.94928768
ENSMUSG00000031388	0.04158723	4.34087791	0.90583967	0.95470826
ENSMUSG00000040613	0.04155146	5.81651997	0.89397673	0.94897579

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ENSMUSG00000029402	0.04140208	2.40835728	0.93747799	0.96948242
ENSMUSG00000028191	0.04139792	6.06624488	0.89460273	0.94928669
ENSMUSG00000019132	0.04131818	8.90354588	0.89248244	0.9480489
ENSMUSG00000022940	0.04115949	3.19698091	0.90766674	0.95532678
ENSMUSG00000046711	0.04111035	3.6174119	0.91599796	0.9592787
ENSMUSG00000021592	0.0410491	3.7087425	0.90157519	0.95338983
ENSMUSG00000048707	0.04073253	3.21209244	0.91737141	0.95998645
ENSMUSG00000025173	0.04046048	5.48894018	0.8979191	0.95147485
ENSMUSG00000056144	0.04032293	6.40952497	0.89564119	0.950088
ENSMUSG00000049916	0.03985463	3.13773996	0.93239131	0.96691104
ENSMUSG00000002329	0.0394217	4.90188461	0.90180335	0.95343601
ENSMUSG00000029063	0.03933861	7.03969185	0.89902899	0.95255734
ENSMUSG00000047084	0.03929874	4.10340943	0.90449512	0.95422377
ENSMUSG00000024725	0.03925574	5.5884064	0.90106884	0.95327354
ENSMUSG00000020993	0.03913645	5.48748798	0.89913501	0.95257608
ENSMUSG00000026812	0.03911804	6.03092968	0.90034366	0.95327354
ENSMUSG00000022751	0.03885068	4.90964574	0.90417593	0.95407371
ENSMUSG00000021123	0.03871908	4.53446059	0.90407364	0.95407371
ENSMUSG00000022105	0.03871443	7.38296119	0.89932516	0.95268394
ENSMUSG00000029111	0.03860221	5.32377723	0.90497582	0.95445078
ENSMUSG00000024833	0.03859295	6.15392049	0.90258936	0.95351088
ENSMUSG00000047539	0.03853888	5.24169698	0.90197131	0.95343743
ENSMUSG00000022185	0.03838557	7.92632433	0.90076235	0.95327354
ENSMUSG00000032806	0.03837115	3.88940001	0.91279198	0.95782317
ENSMUSG00000036975	0.03831253	3.12829581	0.92246284	0.96281836
ENSMUSG00000022668	0.03809345	3.49165666	0.90889946	0.95597111
ENSMUSG00000022973	0.03808478	4.95062725	0.90252576	0.95351088
ENSMUSG00000030754	0.03805924	8.46950304	0.9010513	0.95327354
ENSMUSG00000030612	0.0380069	4.71548502	0.91041579	0.95691266
ENSMUSG00000024382	0.03785596	5.99846228	0.90387181	0.95403285
ENSMUSG00000074141	0.03778731	7.52300812	0.90301129	0.95351088
ENSMUSG00000008683	0.03778662	9.45802703	0.90178302	0.95343601
ENSMUSG00000035632	0.03749994	6.01473016	0.90531383	0.95452721
ENSMUSG00000015697	0.0373733	7.80249576	0.9031407	0.95354115
ENSMUSG00000024778	0.03732408	4.33394701	0.90551845	0.95464962
ENSMUSG00000025203	0.03731037	9.38821798	0.90292727	0.95351088
ENSMUSG00000062202	0.03720685	4.70963884	0.90822059	0.95553667
ENSMUSG00000032513	0.03720536	3.31692234	0.93145282	0.96640247
ENSMUSG00000028411	0.03713124	3.88698037	0.91265745	0.95782317
ENSMUSG00000045327	0.0369374	1.54753215	0.91917156	0.96086063
ENSMUSG00000036568	0.0368585	4.80017946	0.90671284	0.95506849
ENSMUSG00000030172	0.03679988	4.78849929	0.90855046	0.95570946

ENSMUSG00000011427	0.03667039	4.81645041	0.90784531	0.95536653
ENSMUSG00000051510	0.03658482	5.01074644	0.91121111	0.9570707
ENSMUSG00000020089	0.03626765	7.8448123	0.90610559	0.95482715
ENSMUSG00000048920	0.03622228	5.05528486	0.91087829	0.95705613
ENSMUSG00000030034	0.03617444	1.12255436	0.96448995	0.98355174
ENSMUSG00000029550	0.03607347	5.11822135	0.9092882	0.95610023
ENSMUSG00000000223	0.03569185	1.36355683	0.93923436	0.96999649
ENSMUSG00000022876	0.03551069	8.9477418	0.90763194	0.95532678
ENSMUSG00000031819	0.03490518	4.4348648	0.91823677	0.96045251
ENSMUSG00000031608	0.03488109	5.95578367	0.91108477	0.95705613
ENSMUSG00000021196	0.03485585	6.69428353	0.91127614	0.9570707
ENSMUSG00000043881	0.03481926	4.62837833	0.90953546	0.95626698
ENSMUSG00000020630	0.03469547	3.70272816	0.9273587	0.96419555
ENSMUSG00000090330	0.03462782	2.70084283	0.93543516	0.96876335
ENSMUSG00000066647	0.03458718	2.11059082	0.94327815	0.9716111
ENSMUSG00000067916	0.0344915	2.27789752	0.88174875	0.94174294
ENSMUSG00000006395	0.03445977	1.08181582	0.96379271	0.98339867
ENSMUSG00000028161	0.03441405	7.00656192	0.91105754	0.95705613
ENSMUSG00000038398	0.03416375	4.58932525	0.92087487	0.96190572
ENSMUSG00000022089	0.0340585	4.96318447	0.916771	0.95966399
ENSMUSG00000053293	0.03386486	6.25648662	0.91407028	0.95856344
ENSMUSG00000058407	0.03339798	6.71642938	0.91351926	0.95824136
ENSMUSG00000005575	0.03323672	6.37534928	0.91603947	0.9592787
ENSMUSG00000024896	0.03323398	6.05925353	0.91520524	0.95905158
ENSMUSG00000069755	0.03319948	1.46778069	0.91550606	0.95905158
ENSMUSG00000021236	0.03296762	6.0106187	0.91622502	0.9592787
ENSMUSG00000028646	0.03282895	6.84895695	0.91496214	0.95905158
ENSMUSG00000085208	0.03278845	6.95571451	0.91556343	0.95905158
ENSMUSG00000035678	0.03255503	1.69529373	0.95086185	0.97602268
ENSMUSG00000059743	0.03229272	6.55349905	0.91821059	0.96045251
ENSMUSG00000053329	0.03228061	3.15719068	0.94283804	0.97148532
ENSMUSG00000060181	0.03227536	4.73694978	0.91985809	0.96121605
ENSMUSG00000022545	0.03226495	4.43814739	0.92217884	0.96270828
ENSMUSG00000025241	0.03222288	4.65433686	0.92377221	0.9633208
ENSMUSG00000044715	0.03197393	4.26312163	0.92329756	0.96320556
ENSMUSG00000052837	0.0319493	0.80095734	1	1
ENSMUSG00000021143	0.03153828	4.73317969	0.92696122	0.96419555
ENSMUSG00000027544	0.0314956	3.62972582	0.93060384	0.96589334
ENSMUSG00000032637	0.03147632	7.60334139	0.91886942	0.96068998
ENSMUSG00000015247	0.03126368	5.40920243	0.92028376	0.96147452
ENSMUSG00000027109	0.0311524	8.01651027	0.91890923	0.96068998
ENSMUSG00000059482	0.0310346	3.77574363	0.92466486	0.96371516
ENSMUSG00000031392	0.03103126	7.06034992	0.92026938	0.96147452

ENSMUSG00000033272	0.03074012	6.6564859	0.92169532	0.96248135
ENSMUSG00000070501	0.03061425	4.95840236	0.91954966	0.96098687
ENSMUSG00000000439	0.03044638	4.18807264	0.92871679	0.96482277
ENSMUSG00000053286	0.03009908	6.02307616	0.92293104	0.96293424
ENSMUSG00000073415	0.03005963	0.68992971	1	1
ENSMUSG00000023170	0.02999082	4.38480903	0.93348552	0.96758054
ENSMUSG00000027775	0.02982971	6.99133182	0.92287076	0.96293424
ENSMUSG00000071076	0.02968132	4.97630467	0.92588285	0.96419555
ENSMUSG00000046020	0.02956688	6.36016687	0.92427803	0.96350066
ENSMUSG00000064141	0.02911807	1.44338909	0.97113194	0.98659321
ENSMUSG00000025645	0.02887075	2.61642881	0.959127	0.9804471
ENSMUSG00000024165	0.02879346	6.63964754	0.9262278	0.96419555
ENSMUSG00000034190	0.02871169	5.62814627	0.92758688	0.96424686
ENSMUSG00000071662	0.02859206	7.11150426	0.92634777	0.96419555
ENSMUSG00000026511	0.02842697	6.89913099	0.92666863	0.96419555
ENSMUSG00000067713	0.02832593	5.41989865	0.9300899	0.96573171
ENSMUSG00000021686	0.02823428	6.87650111	0.92713186	0.96419555
ENSMUSG00000041143	0.02772479	4.81522641	0.93478252	0.96845948
ENSMUSG00000054836	0.02761906	2.60150516	0.95867763	0.9803698
ENSMUSG00000020319	0.0275294	2.50079124	0.92690307	0.96419555
ENSMUSG00000024869	0.02744149	1.78631494	1	1
ENSMUSG00000037151	0.02702912	3.00708081	0.94735621	0.9743447
ENSMUSG00000046324	0.02671367	6.95899959	0.93084791	0.96596072
ENSMUSG00000075271	0.02657645	2.49044794	0.94091862	0.97071333
ENSMUSG00000000916	0.02650114	3.40811473	0.95164364	0.9765463
ENSMUSG00000027706	0.02647878	6.76236664	0.93174745	0.96661515
ENSMUSG00000047242	0.02638228	5.38814772	0.93220777	0.96681367
ENSMUSG00000031889	0.02631999	4.61762068	0.9365776	0.96929489
ENSMUSG00000021262	0.02585654	5.07268075	0.93766715	0.96951022
ENSMUSG00000026779	0.02567458	5.35951855	0.93476516	0.96845948
ENSMUSG00000055128	0.02550724	3.02353773	0.94793861	0.97442905
ENSMUSG00000048327	0.02546223	7.18540913	0.93420527	0.96823351
ENSMUSG00000021476	0.02537703	3.24000843	0.95491958	0.97851091
ENSMUSG00000024037	0.02535796	4.34462696	0.94437166	0.97232232
ENSMUSG00000055067	0.0253005	3.16955841	0.94341059	0.9716111
ENSMUSG00000045193	0.02528748	3.35255441	0.94981858	0.97545584
ENSMUSG00000021007	0.0252669	2.48159406	0.92604043	0.96419555
ENSMUSG00000041375	0.02502507	4.04446499	0.94751046	0.9743447
ENSMUSG00000018412	0.02499492	6.55273408	0.93579118	0.96885292
ENSMUSG00000024683	0.02493503	5.41856088	0.93904729	0.96999649
ENSMUSG00000021893	0.02492477	7.27119126	0.93520767	0.96862078
ENSMUSG00000014763	0.0249026	5.36616767	0.93801181	0.96969671
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ENSMUSG00000016493	0.02296771	0.88714392	0.87991532	0.94071645
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ENSMUSG00000047215	-0.0137303	9.93228412	0.96424925	0.98349229
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ENSMUSG00000053477	-0.0422267	7.94802581	0.8907763	0.9471538
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ENSMUSG00000096632	-0.1015113	3.38877465	0.75113513	0.86931114
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ENSMUSG00000029427	-0.1025665	5.98469817	0.73983791	0.86218661
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ENSMUSG00000027286	-0.1027897	4.75729125	0.7473817	0.8671075
ENSMUSG00000003429	-0.1030916	9.90621593	0.73590086	0.86009338
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ENSMUSG00000030965	-0.1033688	5.64360778	0.74024035	0.86225448
ENSMUSG00000058240	-0.103465	4.91692332	0.74313896	0.86423062
ENSMUSG00000027884	-0.1034831	5.9842061	0.73878072	0.86185756
ENSMUSG00000057367	-0.1035487	7.27933238	0.7365424	0.86050922
ENSMUSG00000026872	-0.1037026	6.93778715	0.73658759	0.86050922
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ENSMUSG00000097073	-0.1298618	1.49600653	0.75202341	0.86978207
ENSMUSG00000015165	-0.1302748	8.98374446	0.67018751	0.82063155
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ENSMUSG00000030291	-0.1305603	4.7658754	0.67978847	0.82729974
ENSMUSG00000095253	-0.1306437	3.92709072	0.69044107	0.83294737
ENSMUSG00000001964	-0.1312665	6.04936835	0.67157528	0.82139819
ENSMUSG00000035439	-0.1314805	3.72095241	0.68239341	0.82852179
ENSMUSG00000028911	-0.1315898	5.72357532	0.67003642	0.82053972
ENSMUSG00000037434	-0.1317271	4.08928438	0.68295875	0.82882463
ENSMUSG00000037318	-0.1318109	6.55639937	0.66859807	0.81932801
ENSMUSG00000031386	-0.1319738	8.48371877	0.66635977	0.81742962
ENSMUSG00000069844	-0.1322767	5.57713858	0.67101305	0.82108302
ENSMUSG00000060301	-0.1323416	4.66450092	0.67807017	0.8261115
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ENSMUSG00000097295	-0.1612025	1.28567119	0.69089351	0.83335668
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ENSMUSG00000032434	-0.1627539	6.82978182	0.59656049	0.77082534
ENSMUSG00000048922	-0.1630977	6.71137834	0.59593963	0.77039235
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ENSMUSG00000039270	-0.1904168	4.01203635	0.55422543	0.73942435
ENSMUSG00000051147	-0.1904719	4.15910042	0.55120784	0.73699733
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ENSMUSG00000037754	-0.1906859	7.59587272	0.53400638	0.72546293
ENSMUSG00000029397	-0.1907856	5.44704081	0.54055026	0.72939114
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ENSMUSG00000057666	-0.1908858	1.88179624	0.58134196	0.76036285
ENSMUSG00000028318	-0.1913362	5.58887417	0.53621928	0.72686346
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ENSMUSG00000021466	-0.1914885	5.74524425	0.5364175	0.72686346
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ENSMUSG00000021432	-0.1918751	4.3474059	0.54513292	0.73265923
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ENSMUSG00000070034	-0.2725675	7.81488661	0.37394767	0.59574764
ENSMUSG00000029192	-0.2725769	6.92971363	0.37512161	0.59678326
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ENSMUSG00000034354	-0.299727	7.15448261	0.32893749	0.553827
ENSMUSG00000029910	-0.3001458	7.51802925	0.32806982	0.55314336
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ENSMUSG00000030609	-0.3010463	6.48048219	0.32789314	0.55310489
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ENSMUSG00000037266	-0.3016902	8.25577359	0.32480244	0.54961078
ENSMUSG00000003226	-0.3019149	9.6620044	0.32378899	0.54867072
ENSMUSG00000042406	-0.3019506	8.11586806	0.32426592	0.5490964
ENSMUSG00000027326	-0.3020316	7.70983955	0.32508146	0.54982381
ENSMUSG00000082286	-0.3020723	2.04424859	0.38599636	0.60687924
ENSMUSG00000041570	-0.3024591	5.88885703	0.32840698	0.55338692
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ENSMUSG00000068299	-0.3306583	2.74752878	0.33101794	0.5563743
ENSMUSG00000030766	-0.3309817	6.33774896	0.28300451	0.50428298

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ENSMUSG00000028080	-0.3313793	7.10316843	0.28108648	0.5021461
ENSMUSG00000025240	-0.331632	6.93049177	0.28095572	0.50204901
ENSMUSG00000058690	-0.3316552	6.08736611	0.28366379	0.50506977
ENSMUSG00000030615	-0.3320087	4.71228462	0.29006333	0.51245789
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ENSMUSG00000024352	-0.3323935	3.51187637	0.29467764	0.51646411
ENSMUSG00000074909	-0.3324176	5.59979648	0.28477385	0.50618118
ENSMUSG00000010751	-0.3324889	4.31400035	0.29211388	0.5142191
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ENSMUSG00000029833	-0.3326728	6.58968011	0.27995957	0.5009265
ENSMUSG00000027985	-0.3328277	4.248638	0.29386329	0.51589203
ENSMUSG00000019952	-0.3329144	5.03302972	0.28559665	0.50722568
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ENSMUSG00000043183	-0.3638951	5.47928467	0.24094577	0.45794134
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ENSMUSG00000018068	-0.4268399	7.250162	0.16489437	0.36416565
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ENSMUSG00000068134	-0.5024204	5.28138878	0.10688992	0.27876685
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ENSMUSG00000075511	-0.5032888	2.72674166	0.13875962	0.32567207
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ENSMUSG00000016984	-0.5036197	5.88752227	0.10390764	0.27343582

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ENSMUSG00000044827	-0.5470257	6.64587311	0.07610057	0.22306197
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ENSMUSG00000039841	-0.6483124	6.53734259	0.03584275	0.1352443

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ENSMUSG00000032776	-1.1598297	2.85288923	0.00062058	0.00499057
ENSMUSG00000097207	-1.1616163	1.10610027	0.0026718	0.01753662
ENSMUSG00000041831	-1.1646517	4.45599123	0.00024389	0.00217362
ENSMUSG00000027878	-1.1713283	6.67597597	0.00016592	0.00155185
ENSMUSG00000037822	-1.1769796	4.8012939	0.00020771	0.00188703
ENSMUSG00000024563	-1.1776688	6.48199177	0.00015744	0.00147993
ENSMUSG00000021377	-1.1793922	9.10276878	0.00014129	0.00134834
ENSMUSG00000019876	-1.1821077	6.51388081	0.00014822	0.00140215

ENSMUSG00000039942	-1.182611	4.34630969	0.00021039	0.00190685
ENSMUSG00000073374	-1.1882595	1.50919639	0.00140848	0.01018718
ENSMUSG00000039985	-1.1897422	6.83852121	0.00013204	0.00127024
ENSMUSG00000020634	-1.1930046	6.3945086	0.00013009	0.00125368
ENSMUSG00000031258	-1.1972614	4.17395917	0.0001895	0.00174966
ENSMUSG00000064356	-1.1974255	5.92787628	0.00012518	0.00121178
ENSMUSG00000075297	-1.2079883	0.80895596	0.00259469	0.01716631
ENSMUSG00000055560	-1.2088562	1.26166945	0.00155288	0.01111234
ENSMUSG00000036452	-1.2166911	5.49313844	0.00010548	0.00103786
ENSMUSG00000064354	-1.2186399	0.65221876	0.00351973	0.02209359
ENSMUSG00000055723	-1.2188026	6.89712474	9.06E-05	0.00091235
ENSMUSG00000029084	-1.2209984	5.57097072	0.00010073	0.00099931
ENSMUSG00000031112	-1.2282288	5.80452171	8.86E-05	0.00089447
ENSMUSG00000051451	-1.2329013	6.02956479	7.99E-05	0.00081376
ENSMUSG00000032369	-1.235102	5.67400375	8.11E-05	0.00082471
ENSMUSG00000073643	-1.2374198	4.75583799	9.43E-05	0.00094373
ENSMUSG00000043671	-1.2512368	5.13196669	7.20E-05	0.00073949
ENSMUSG00000032050	-1.2553398	7.74744577	5.40E-05	0.00057523
ENSMUSG00000042708	-1.2640827	1.27498813	0.00083713	0.00644365
ENSMUSG00000047648	-1.2663714	4.88291725	6.48E-05	0.00067599
ENSMUSG00000021109	-1.2687577	7.37076048	4.59E-05	0.00049774
ENSMUSG00000032352	-1.2870355	4.04798843	6.33E-05	0.00066158
ENSMUSG00000071708	-1.2907133	7.48954416	3.40E-05	0.00038323
ENSMUSG00000097151	-1.2911851	0.97585913	0.00196838	0.01357222
ENSMUSG00000100967	-1.2943545	2.02651507	0.00027616	0.0024431
ENSMUSG00000095105	-1.2965115	2.27097717	0.00019948	0.00183076
ENSMUSG00000026384	-1.2969041	6.3169604	3.37E-05	0.00038048
ENSMUSG00000036943	-1.3020853	8.38480894	2.83E-05	0.00032605
ENSMUSG00000025932	-1.3042522	1.47463489	0.00037993	0.00324139
ENSMUSG00000021775	-1.3090691	4.64583821	3.95E-05	0.00043963
ENSMUSG00000030431	-1.3199832	1.30381078	0.00049912	0.00412455
ENSMUSG00000096768	-1.323263	1.82094702	0.00019966	0.0018309
ENSMUSG00000079470	-1.3263644	6.22331079	2.26E-05	0.00026423
ENSMUSG00000022120	-1.3361995	5.52875078	2.15E-05	0.00025346
ENSMUSG00000038570	-1.3446653	4.4576587	2.68E-05	0.00031055
ENSMUSG00000048621	-1.3555749	1.85316851	0.00014921	0.00141022
ENSMUSG00000014907	-1.3742619	6.12154923	1.18E-05	0.00014704
ENSMUSG00000089726	-1.3833833	6.09671317	1.02E-05	0.00012956
ENSMUSG00000047798	-1.3834943	2.70760895	5.00E-05	0.00053711
ENSMUSG00000043991	-1.3918163	6.44864745	8.85E-06	0.00011314
ENSMUSG00000032656	-1.3967072	1.94584413	0.00010603	0.00104233
ENSMUSG00000037922	-1.3997653	7.74199996	7.25E-06	9.47E-05
ENSMUSG00000026581	-1.4145116	7.31443116	6.00E-06	7.94E-05

ENSMUSG00000020642	-1.4160404	4.19708221	1.12E-05	0.00014088
ENSMUSG00000057315	-1.4212008	3.49861585	1.59E-05	0.00019205
ENSMUSG00000015597	-1.4253903	6.37541155	5.52E-06	7.35E-05
ENSMUSG00000099065	-1.4259215	8.95892791	4.79E-06	6.46E-05
ENSMUSG00000054321	-1.4357549	5.94186155	4.97E-06	6.66E-05
ENSMUSG00000071064	-1.4472564	3.64606959	9.48E-06	0.00012068
ENSMUSG00000099974	-1.4596128	5.49947098	3.86E-06	5.32E-05
ENSMUSG00000015766	-1.4718913	4.38053756	4.64E-06	6.29E-05
ENSMUSG00000028332	-1.473396	1.30780626	0.00014563	0.00138246
ENSMUSG00000051590	-1.5095601	1.3411208	0.0001054	0.00103786
ENSMUSG00000098496	-1.5326945	1.26764938	9.02E-05	0.00090949
ENSMUSG00000037999	-1.5366357	7.59291607	9.38E-07	1.48E-05
ENSMUSG00000044867	-1.5425329	4.85140213	1.40E-06	2.12E-05
ENSMUSG00000052013	-1.5649895	6.33988567	6.79E-07	1.11E-05
ENSMUSG00000028179	-1.5703142	3.74850216	1.56E-06	2.34E-05
ENSMUSG00000089929	-1.5765175	4.74083253	8.84E-07	1.42E-05
ENSMUSG00000063659	-1.6088322	7.03938335	3.08E-07	5.41E-06
ENSMUSG00000032028	-1.6137406	3.52829783	1.12E-06	1.74E-05
ENSMUSG00000038418	-1.677747	3.79134804	2.95E-07	5.20E-06
ENSMUSG00000091509	-1.6858985	1.94629374	2.55E-06	3.65E-05
ENSMUSG00000084854	-1.7727231	0.88283868	1.62E-05	0.00019532
ENSMUSG00000028341	-1.7910078	2.1665613	5.00E-07	8.39E-06
ENSMUSG00000050549	-1.8244723	3.76807524	3.02E-08	6.58E-07
ENSMUSG00000028701	-1.8281869	3.05807615	6.53E-08	1.32E-06
ENSMUSG00000097418	-1.8407989	5.43614321	8.55E-09	2.11E-07
ENSMUSG00000040270	-1.9559858	7.00112812	7.43E-10	2.29E-08
ENSMUSG00000053846	-1.9787055	2.52766398	1.31E-08	3.08E-07
ENSMUSG00000055320	-2.0030424	1.50461313	2.11E-07	3.82E-06
ENSMUSG00000099757	-2.0049453	4.3715521	9.83E-10	2.94E-08
ENSMUSG00000024402	-2.0252925	3.18047007	1.97E-09	5.54E-08
ENSMUSG00000026357	-2.0480556	2.237342	2.24E-08	4.99E-07
ENSMUSG00000097451	-2.0674636	1.42315823	1.99E-07	3.63E-06
ENSMUSG00000031779	-2.2646877	7.68511026	1.62E-12	9.03E-11
ENSMUSG00000019891	-2.3618253	3.40527582	4.01E-12	2.07E-10
ENSMUSG00000004698	-2.3777463	5.81486954	2.73E-13	1.81E-11
ENSMUSG00000040856	-2.3886858	1.62488249	2.69E-10	9.33E-09
ENSMUSG00000026616	-2.5699951	5.78425645	4.86E-15	4.74E-13
ENSMUSG00000094924	-2.683529	1.72651763	1.51E-11	7.07E-10
ENSMUSG00000044337	-3.3173822	2.87865832	1.22E-18	2.27E-16
ENSMUSG00000000617	-3.3965154	3.69482858	2.73E-21	8.92E-19

TMM normalized H3K79me2-WT B cells

ID	Naive_1	Naive_2	Naive_3	Activated_1	Activated_2
ENSMUSG00000038151	4.952162959	12.52111039	9.179963621	41.07834128	26.49919969
ENSMUSG00000022346	25.46826665	54.25814501	60.02283906	206.1971641	137.5093606
ENSMUSG00000021356	103.9954221	132.1672763	125.6948865	196.531672	141.8065281
ENSMUSG00000029687	22.63845924	42.43265187	35.30755239	158.6751614	138.9417498
ENSMUSG00000040270	82.7718666	108.51629	100.2734488	68.46390213	69.47087488
ENSMUSG00000000001	141.4903703	168.339373	139.8179075	184.4498069	148.2522794
ENSMUSG00000000056	35.37259256	51.47567604	50.13672439	28.9964762	45.12025894
ENSMUSG00000000058	7.074518513	6.260555194	9.886114669	5.638203705	6.445751277
ENSMUSG00000000078	106.1177777	139.1234488	110.8657145	140.9550926	98.11865833
ENSMUSG00000000088	87.72402956	131.4716591	115.1026208	204.5862487	136.793166
ENSMUSG00000000093	8.489422215	3.478086219	7.061510478	4.832746033	5.729556691
ENSMUSG00000000120	5.65961481	9.043024169	10.59226572	5.638203705	5.729556691
ENSMUSG00000000125	5.65961481	3.478086219	6.35535943	7.249119049	7.161945863
ENSMUSG00000000168	19.80865184	37.56333116	31.0706461	27.38556085	32.94495097
ENSMUSG00000000171	93.38364437	139.1234488	121.4579802	215.0571984	194.0887329
ENSMUSG00000000182	8.489422215	4.173703463	9.179963621	7.249119049	5.729556691
ENSMUSG00000000183	10.61177777	5.56493795	4.236906287	4.832746033	5.729556691
ENSMUSG00000000197	12.73413332	4.173703463	6.35535943	3.221830688	4.297167518
ENSMUSG00000000202	7.781970364	6.260555194	5.649208382	6.443661377	11.45911338
ENSMUSG00000000216	3.537259256	6.260555194	7.767661525	4.832746033	4.297167518
ENSMUSG00000000296	7.781970364	7.651789682	3.530755239	1.610915344	2.864778345
ENSMUSG00000000346	65.08557032	89.73462445	81.91352154	115.9859048	79.49759908
ENSMUSG00000000359	7.781970364	8.347406925	9.179963621	4.832746033	7.87814045
ENSMUSG00000000365	12.02668147	9.043024169	9.886114669	2.416373016	5.729556691
ENSMUSG00000000374	70.03773327	111.298759	90.38733411	81.35122488	69.47087488
ENSMUSG00000000385	7.074518513	6.956172438	4.943057334	2.416373016	3.580972932
ENSMUSG00000000402	2.829807405	6.956172438	9.179963621	4.832746033	2.864778345
ENSMUSG00000000411	10.61177777	8.347406925	10.59226572	8.860034393	10.02672421
ENSMUSG00000000435	11.31922962	6.956172438	7.767661525	7.249119049	8.594335036
ENSMUSG00000000439	29.71297775	47.30197258	40.25060972	46.71654498	32.22875639
ENSMUSG00000000489	5.65961481	5.56493795	4.236906287	10.47094974	6.445751277
ENSMUSG00000000531	4.952162959	10.43425866	10.59226572	13.69278043	12.17530797
ENSMUSG00000000552	12.73413332	14.60796212	9.179963621	6.443661377	12.89150255
ENSMUSG00000000555	6.367066661	9.738641413	12.71071886	3.221830688	11.45911338
ENSMUSG00000000560	5.65961481	5.56493795	7.767661525	2.416373016	7.87814045
ENSMUSG00000000562	7.781970364	9.043024169	8.473812573	8.054576721	9.310529622
ENSMUSG00000000567	8.489422215	4.173703463	5.649208382	6.443661377	10.02672421
ENSMUSG00000000581	61.54831106	97.38641413	81.91352154	111.9586164	86.65954495
ENSMUSG00000000594	99.04325918	134.254128	105.9226572	84.57305557	78.7814045
ENSMUSG00000000605	12.02668147	13.91234488	11.29841676	9.665492065	22.91822676
ENSMUSG00000000673	45.98437033	63.30116918	59.31668801	124.8459392	93.10529622

ENSMUSG00000000682	180.4002221	174.5999282	162.414741	348.763172	263.5596078
ENSMUSG00000000690	5.65961481	7.651789682	6.35535943	5.638203705	4.297167518
ENSMUSG00000000701	10.61177777	4.173703463	3.530755239	10.47094974	5.729556691
ENSMUSG00000000711	62.25576291	86.25653823	61.43514116	78.93485187	82.36237743
ENSMUSG00000000732	111.7773925	125.2111039	122.1641313	42.68925662	52.2822048
ENSMUSG00000000743	56.5961481	76.51789682	66.37819849	70.88027514	67.32229112
ENSMUSG00000000791	9.904325918	13.91234488	9.886114669	84.57305557	52.99839939
ENSMUSG00000000792	4.244711108	3.478086219	7.767661525	6.443661377	5.729556691
ENSMUSG00000000794	4.244711108	8.347406925	7.061510478	5.638203705	9.310529622
ENSMUSG00000000889	7.781970364	6.956172438	8.473812573	4.832746033	6.445751277
ENSMUSG00000000903	28.29807405	19.47728283	26.83373982	12.08186508	12.17530797
ENSMUSG00000000934	7.781970364	8.347406925	7.061510478	11.27640741	12.17530797
ENSMUSG00000000948	6.367066661	6.260555194	6.35535943	8.054576721	6.445751277
ENSMUSG00000000958	17.68629628	15.30357936	22.59683353	14.4982381	17.18867007
ENSMUSG00000000959	64.37811846	118.9505487	100.9795998	144.982381	103.848215
ENSMUSG00000000982	5.65961481	6.260555194	7.061510478	6.443661377	6.445751277
ENSMUSG00000001014	5.65961481	6.260555194	7.061510478	11.27640741	7.161945863
ENSMUSG00000001020	5.65961481	9.043024169	4.236906287	4.02728836	7.87814045
ENSMUSG00000001025	11.31922962	15.30357936	9.179963621	10.47094974	7.161945863
ENSMUSG00000001054	24.76081479	38.95456565	31.77679715	34.6346799	36.5259239
ENSMUSG00000001056	37.49494812	60.51870021	55.78593277	134.5114312	113.1587446
ENSMUSG00000001076	11.31922962	4.869320706	6.35535943	7.249119049	4.297167518
ENSMUSG00000001095	6.367066661	7.651789682	7.767661525	7.249119049	7.161945863
ENSMUSG00000001103	11.31922962	4.173703463	10.59226572	10.47094974	8.594335036
ENSMUSG00000001119	6.367066661	9.043024169	5.649208382	8.054576721	7.87814045
ENSMUSG00000001128	6.367066661	7.651789682	4.236906287	34.6346799	22.20203218
ENSMUSG00000001134	13.44158517	16.69481385	12.00456781	39.46742593	29.36397804
ENSMUSG00000001150	49.52162959	66.7792554	60.02283906	62.02024075	65.88990194
ENSMUSG00000001156	22.63845924	43.12826911	29.65834401	18.52552646	27.93158887
ENSMUSG00000001229	14.14903703	26.43345526	26.12758877	31.41284921	36.5259239
ENSMUSG00000001270	6.367066661	4.173703463	8.473812573	7.249119049	10.02672421
ENSMUSG00000001281	69.33028142	89.73462445	87.56272992	33.02376456	25.78300511
ENSMUSG00000001305	48.10672589	70.25734162	65.67204744	133.7059736	116.023523
ENSMUSG00000001333	5.65961481	4.173703463	7.767661525	12.08186508	10.7429188
ENSMUSG00000001334	4.244711108	1.391234488	2.118453143	3.221830688	3.580972932
ENSMUSG00000001349	4.952162959	7.651789682	6.35535943	6.443661377	11.45911338
ENSMUSG00000001380	76.40479994	100.8645003	93.21193831	159.4806191	141.0903335
ENSMUSG00000001383	37.49494812	47.30197258	50.13672439	64.43661377	60.87653984
ENSMUSG00000001417	4.244711108	6.956172438	12.71071886	9.665492065	10.02672421
ENSMUSG00000001440	37.49494812	68.17048989	50.13672439	182.8388916	152.5494469
ENSMUSG00000001444	7.781970364	9.738641413	7.061510478	5.638203705	9.310529622
ENSMUSG00000001467	24.76081479	43.82388636	40.25060972	124.0404815	98.83485292
ENSMUSG00000001473	5.65961481	7.651789682	7.061510478	9.665492065	6.445751277

ENSMUSG00000001493	7.074518513	6.956172438	4.236906287	6.443661377	9.310529622
ENSMUSG00000001494	6.367066661	4.869320706	4.236906287	7.249119049	6.445751277
ENSMUSG00000001510	9.196874066	4.869320706	4.943057334	3.221830688	5.729556691
ENSMUSG00000001542	13.44158517	25.04222078	24.00913562	60.40932541	52.2822048
ENSMUSG00000001558	16.97884443	22.95536904	26.12758877	23.35827249	15.7562809
ENSMUSG00000001566	4.952162959	5.56493795	4.943057334	4.02728836	5.013362104
ENSMUSG00000001655	5.65961481	6.956172438	5.649208382	5.638203705	6.445751277
ENSMUSG00000001656	7.074518513	2.086851731	4.943057334	4.02728836	3.580972932
ENSMUSG00000001657	7.074518513	11.82549314	7.767661525	5.638203705	10.02672421
ENSMUSG00000001661	4.952162959	4.173703463	8.473812573	8.054576721	8.594335036
ENSMUSG00000001666	12.73413332	15.30357936	10.59226572	28.19101852	20.05344842
ENSMUSG00000001700	8.489422215	13.91234488	12.71071886	11.27640741	12.17530797
ENSMUSG00000001707	62.25576291	89.0390072	82.61967259	173.9788572	132.4959985
ENSMUSG00000001751	16.27139258	25.04222078	31.0706461	21.74735715	14.32389173
ENSMUSG00000001761	10.61177777	5.56493795	12.00456781	8.860034393	5.013362104
ENSMUSG00000001767	29.0055259	48.69320706	44.48751601	45.10562964	52.2822048
ENSMUSG00000001774	65.79302217	73.0398106	59.31668801	155.4533307	126.0502472
ENSMUSG00000001783	91.26128881	126.6023384	100.2734488	218.2790291	168.3057278
ENSMUSG00000001804	7.781970364	5.56493795	8.473812573	7.249119049	5.729556691
ENSMUSG00000001823	7.074518513	6.260555194	3.530755239	3.221830688	5.729556691
ENSMUSG00000001865	10.61177777	3.478086219	5.649208382	4.832746033	5.729556691
ENSMUSG00000001910	86.30912585	116.1680797	121.4579802	220.6954022	175.4676737
ENSMUSG00000001942	7.074518513	11.82549314	7.767661525	10.47094974	6.445751277
ENSMUSG00000001943	7.074518513	9.738641413	9.179963621	6.443661377	9.310529622
ENSMUSG00000001962	29.71297775	37.56333116	35.30755239	37.85651059	34.37734014
ENSMUSG00000001983	13.44158517	27.82468975	28.95219296	40.2728836	32.94495097
ENSMUSG00000001985	8.489422215	2.086851731	4.943057334	2.416373016	6.445751277
ENSMUSG00000001988	7.074518513	8.347406925	2.824604191	5.638203705	9.310529622
ENSMUSG00000001995	20.51610369	27.12907251	28.24604191	9.665492065	17.18867007
ENSMUSG00000002007	48.10672589	42.43265187	32.4829482	32.21830688	32.22875639
ENSMUSG00000002015	43.15456293	65.38802092	60.02283906	94.23854763	68.0384857
ENSMUSG00000002017	44.56946663	78.60474855	58.61053696	108.7367857	71.61945863
ENSMUSG00000002052	100.4581629	132.8628936	125.6948865	211.8353678	169.738117
ENSMUSG00000002055	19.80865184	27.12907251	23.30298458	52.35474869	35.09353473
ENSMUSG00000002057	8.489422215	3.478086219	3.530755239	6.443661377	10.7429188
ENSMUSG00000002111	110.3624888	114.7768452	133.462548	172.3679418	121.0368851
ENSMUSG00000002204	87.01657771	95.99517964	87.56272992	198.948045	152.5494469
ENSMUSG00000002228	6.367066661	9.043024169	6.35535943	7.249119049	4.297167518
ENSMUSG00000002257	48.81417774	76.51789682	74.14586002	84.57305557	68.0384857
ENSMUSG00000002324	9.904325918	5.56493795	7.061510478	8.860034393	1.432389173
ENSMUSG00000002326	103.2879703	132.8628936	108.0411103	188.4770953	165.4409494
ENSMUSG00000002329	19.10119998	42.43265187	26.83373982	29.80193387	37.24211849
ENSMUSG00000002341	2.122355554	2.086851731	5.649208382	3.221830688	3.580972932

ENSMUSG00000002365	125.2189777	169.7306075	146.1732669	179.6170609	163.2923657
ENSMUSG00000002372	134.4158517	151.6445591	134.1686991	229.5554365	179.0486466
ENSMUSG00000002379	91.26128881	100.8645003	127.8133396	106.3204127	90.95671247
ENSMUSG00000002384	9.904325918	4.869320706	4.943057334	4.832746033	5.729556691
ENSMUSG00000002396	11.31922962	20.17290007	18.35992724	27.38556085	16.47247549
ENSMUSG00000002477	123.0966221	133.5585108	111.5718655	244.0536746	176.9000628
ENSMUSG00000002496	12.73413332	19.47728283	19.06607829	13.69278043	11.45911338
ENSMUSG00000002580	10.61177777	11.82549314	15.53532305	16.91461111	18.62105924
ENSMUSG00000002608	65.08557032	75.12666233	67.08434954	110.3477011	103.848215
ENSMUSG00000002625	60.13340736	94.60394515	79.7950684	78.12939419	60.87653984
ENSMUSG00000002633	9.904325918	4.869320706	2.824604191	5.638203705	6.445751277
ENSMUSG00000002658	17.68629628	45.91073809	43.07521391	80.54576721	69.47087488
ENSMUSG00000002660	31.12788146	63.99678643	42.36906287	95.84946298	89.52432329
ENSMUSG00000002664	12.02668147	16.69481385	23.30298458	12.08186508	17.18867007
ENSMUSG00000002668	90.55383696	124.5154866	118.633376	68.46390213	61.59273443
ENSMUSG00000002688	9.196874066	5.56493795	11.29841676	3.221830688	4.297167518
ENSMUSG00000002731	4.244711108	7.651789682	2.118453143	4.02728836	5.013362104
ENSMUSG00000002733	50.22908144	81.38721752	79.08891735	124.0404815	109.5777717
ENSMUSG00000002741	91.96874066	109.9075245	136.2871522	148.2042117	123.9016634
ENSMUSG00000002748	75.69734809	102.2557348	95.33039145	223.9172328	160.4275873
ENSMUSG00000002768	47.39927403	75.12666233	60.72899011	111.1531587	95.25387998
ENSMUSG00000002769	6.367066661	11.82549314	7.061510478	8.054576721	6.445751277
ENSMUSG00000002797	29.71297775	35.47647943	34.60140134	27.38556085	17.18867007
ENSMUSG00000002799	4.244711108	4.173703463	8.473812573	5.638203705	5.729556691
ENSMUSG00000002804	9.904325918	17.39043109	16.2414741	7.249119049	12.17530797
ENSMUSG00000002808	8.489422215	6.260555194	6.35535943	6.443661377	4.297167518
ENSMUSG00000002812	47.39927403	89.0390072	63.5535943	53.16020636	68.75468029
ENSMUSG00000002820	84.1867703	129.3848073	117.927225	78.93485187	64.45751277
ENSMUSG00000002825	24.76081479	31.30277597	41.66291182	53.16020636	47.2688427
ENSMUSG00000002835	45.98437033	53.56252777	46.60596915	103.9040397	88.09193412
ENSMUSG00000002844	19.80865184	31.30277597	31.0706461	45.91108731	46.55264811
ENSMUSG00000002846	53.05888884	69.56172438	69.20280268	90.21125927	89.52432329
ENSMUSG00000002847	7.074518513	5.56493795	2.118453143	4.832746033	5.729556691
ENSMUSG00000002870	34.66514071	51.47567604	54.37363068	131.2896006	87.37573953
ENSMUSG00000002897	145.0276295	171.8174592	153.9409284	167.5351958	136.0769714
ENSMUSG00000002930	7.074518513	4.869320706	7.061510478	5.638203705	6.445751277
ENSMUSG00000002968	50.93653329	75.12666233	70.61510478	82.96214023	73.05184781
ENSMUSG00000002992	0	0	0	0	0
ENSMUSG00000003032	4.244711108	4.869320706	4.943057334	0.805457672	6.445751277
ENSMUSG00000003039	72.86754068	97.38641413	107.3349593	87.79488626	83.07857202
ENSMUSG00000003070	12.73413332	8.347406925	9.886114669	12.88732275	10.02672421
ENSMUSG00000003131	66.50047402	93.21271067	100.2734488	152.2315	113.8749392
ENSMUSG00000003200	60.84085921	81.38721752	78.3827663	210.2244524	164.0085603



ENSMUSG00000003206	10.61177777	11.1298759	15.53532305	53.96566403	43.68786977
ENSMUSG00000003208	17.68629628	28.52030699	37.42600553	54.7711217	63.0251236
ENSMUSG00000003226	84.1867703	96.69079689	86.15042783	238.4154709	177.6162574
ENSMUSG00000003227	8.489422215	4.869320706	4.236906287	8.054576721	7.161945863
ENSMUSG00000003228	7.074518513	9.043024169	12.00456781	8.054576721	5.013362104
ENSMUSG00000003282	6.367066661	26.43345526	24.00913562	20.94189947	19.33725383
ENSMUSG00000003341	8.489422215	9.043024169	4.943057334	4.832746033	7.161945863
ENSMUSG00000003354	13.44158517	4.869320706	7.767661525	3.221830688	10.02672421
ENSMUSG00000003355	12.73413332	12.52111039	12.00456781	7.249119049	8.594335036
ENSMUSG00000003378	12.73413332	9.738641413	9.886114669	4.02728836	10.02672421
ENSMUSG00000003379	145.7350814	151.6445591	151.1163242	263.3846588	184.0620087
ENSMUSG00000003410	10.61177777	2.086851731	10.59226572	5.638203705	5.013362104
ENSMUSG00000003420	16.27139258	25.04222078	26.12758877	16.91461111	12.89150255
ENSMUSG00000003435	108.9475851	150.9489419	129.9317928	244.0536746	176.9000628
ENSMUSG00000003444	67.20792587	122.4286349	100.9795998	150.6205847	121.0368851
ENSMUSG00000003469	7.781970364	5.56493795	6.35535943	4.832746033	10.02672421
ENSMUSG00000003477	8.489422215	5.56493795	3.530755239	4.02728836	5.729556691
ENSMUSG00000003484	36.78749627	55.6493795	55.78593277	25.77464551	32.22875639
ENSMUSG00000003527	47.39927403	58.43184848	46.60596915	61.21478308	58.01176149
ENSMUSG00000003541	2.829807405	3.478086219	3.530755239	0.805457672	1.432389173
ENSMUSG00000003545	4.952162959	9.738641413	7.767661525	2.416373016	8.594335036
ENSMUSG00000003546	16.97884443	41.04141738	31.0706461	33.02376456	32.94495097
ENSMUSG00000003549	14.85648888	15.99919661	19.77222934	19.33098413	21.48583759
ENSMUSG00000003555	3.537259256	5.56493795	5.649208382	0.805457672	7.87814045
ENSMUSG00000003559	11.31922962	15.30357936	16.94762515	7.249119049	10.7429188
ENSMUSG00000003623	0	0	0.706151048	0	0.716194586
ENSMUSG00000003657	7.074518513	3.478086219	4.943057334	3.221830688	5.729556691
ENSMUSG00000003665	7.781970364	8.347406925	7.061510478	8.054576721	5.013362104
ENSMUSG00000003752	44.56946663	74.43104508	72.73355792	58.79841006	61.59273443
ENSMUSG00000003814	50.93653329	72.34419335	53.66747963	272.2446932	197.6697058
ENSMUSG00000003849	10.61177777	7.651789682	9.886114669	16.10915344	15.7562809
ENSMUSG00000003872	5.65961481	7.651789682	10.59226572	8.054576721	7.161945863
ENSMUSG00000003882	44.56946663	57.04061399	36.71985448	16.10915344	15.7562809
ENSMUSG00000003934	7.074518513	11.82549314	7.767661525	5.638203705	10.7429188
ENSMUSG00000003955	25.46826665	61.21431745	49.43057334	99.87675134	88.09193412
ENSMUSG00000003970	36.08004441	61.9099347	58.61053696	268.2174048	162.5761711
ENSMUSG00000003974	12.02668147	5.56493795	7.767661525	6.443661377	9.310529622
ENSMUSG00000004018	18.39374813	25.04222078	19.77222934	25.77464551	20.05344842
ENSMUSG00000004038	12.02668147	11.82549314	7.767661525	9.665492065	10.02672421
ENSMUSG00000004044	8.489422215	6.956172438	14.12302096	8.054576721	11.45911338
ENSMUSG00000004054	56.5961481	77.9091313	72.02740687	143.3714656	131.7798039
ENSMUSG00000004096	26.88317035	44.5195036	30.36449505	84.57305557	73.76804239
ENSMUSG00000004098	9.196874066	7.651789682	9.179963621	5.638203705	10.02672421

ENSMUSG00000004105	8.489422215	9.043024169	7.767661525	6.443661377	8.594335036
ENSMUSG00000004341	10.61177777	6.260555194	4.236906287	4.832746033	10.02672421
ENSMUSG00000004356	14.14903703	18.08604834	20.47838039	55.57657937	48.70123187
ENSMUSG00000004360	8.489422215	9.738641413	12.71071886	5.638203705	5.729556691
ENSMUSG00000004366	9.196874066	3.478086219	10.59226572	5.638203705	6.445751277
ENSMUSG00000004462	96.92090362	118.2549314	110.1595635	211.0299101	153.2656415
ENSMUSG00000004500	27.5906222	41.73703463	33.89525029	30.60739154	36.5259239
ENSMUSG00000004508	8.489422215	7.651789682	9.886114669	4.832746033	5.729556691
ENSMUSG00000004540	13.44158517	4.869320706	7.061510478	5.638203705	6.445751277
ENSMUSG00000004610	25.46826665	40.34580014	34.60140134	26.58010318	42.25548059
ENSMUSG00000004612	6.367066661	6.956172438	4.943057334	8.054576721	5.013362104
ENSMUSG00000004613	2.829807405	0.695617244	2.824604191	7.249119049	4.297167518
ENSMUSG00000004651	7.781970364	8.347406925	9.886114669	2.416373016	7.161945863
ENSMUSG00000004654	4.952162959	6.260555194	7.767661525	1.610915344	4.297167518
ENSMUSG00000004655	9.196874066	6.260555194	4.943057334	4.832746033	5.729556691
ENSMUSG00000004748	6.367066661	6.260555194	7.767661525	12.08186508	12.17530797
ENSMUSG00000004791	7.781970364	9.043024169	4.943057334	5.638203705	7.161945863
ENSMUSG00000004821	9.196874066	6.956172438	5.649208382	5.638203705	7.87814045
ENSMUSG00000004837	247.6081479	214.2501111	211.1391633	492.9400953	315.125618
ENSMUSG00000004843	62.25576291	108.51629	91.09348516	44.30017197	65.88990194
ENSMUSG00000004885	12.02668147	6.956172438	11.29841676	5.638203705	9.310529622
ENSMUSG00000004895	113.8997481	139.1234488	146.1732669	146.5932963	124.617858
ENSMUSG00000004902	7.781970364	11.1298759	14.829172	8.860034393	7.87814045
ENSMUSG00000004936	89.84638511	105.7338211	112.9841676	186.0607223	139.6579443
ENSMUSG00000004937	109.6550369	123.8198694	120.0456781	121.6241085	114.5911338
ENSMUSG00000004939	9.196874066	9.738641413	7.061510478	9.665492065	7.161945863
ENSMUSG00000004961	5.65961481	4.173703463	9.179963621	3.221830688	3.580972932
ENSMUSG00000004988	4.244711108	4.173703463	7.061510478	0	5.729556691
ENSMUSG00000004996	20.51610369	33.3896277	24.00913562	56.38203705	45.83645353
ENSMUSG00000005054	18.39374813	16.69481385	28.95219296	27.38556085	23.63442135
ENSMUSG00000005124	4.952162959	9.043024169	6.35535943	4.832746033	10.02672421
ENSMUSG00000005131	5.65961481	6.260555194	10.59226572	4.832746033	7.161945863
ENSMUSG00000005148	4.952162959	7.651789682	6.35535943	8.054576721	8.594335036
ENSMUSG00000005202	7.781970364	12.52111039	12.71071886	3.221830688	5.729556691
ENSMUSG00000005299	48.81417774	82.77845201	73.43970897	71.68573282	68.0384857
ENSMUSG00000005320	9.904325918	9.043024169	11.29841676	4.832746033	8.594335036
ENSMUSG00000005355	4.952162959	4.869320706	8.473812573	4.02728836	6.445751277
ENSMUSG00000005357	9.196874066	6.260555194	3.530755239	4.02728836	8.594335036
ENSMUSG00000005370	41.03220737	57.73623123	65.67204744	141.7605503	103.1320204
ENSMUSG00000005397	9.904325918	12.52111039	19.06607829	7.249119049	9.310529622
ENSMUSG00000005410	45.27691848	48.69320706	48.7244223	149.0096693	118.1721067
ENSMUSG00000005413	5.65961481	8.347406925	7.767661525	17.72006879	9.310529622
ENSMUSG00000005465	12.73413332	34.08524495	40.95676077	37.85651059	35.09353473

ENSMUSG00000005470	33.95768886	29.21592424	21.18453143	62.02024075	47.2688427
ENSMUSG00000005474	5.65961481	6.260555194	6.35535943	10.47094974	7.161945863
ENSMUSG00000005503	6.367066661	5.56493795	10.59226572	4.832746033	7.87814045
ENSMUSG00000005510	41.03220737	80.69160028	72.02740687	128.0677699	111.0101609
ENSMUSG00000005656	52.35143699	103.6469693	74.14586002	65.24207144	60.87653984
ENSMUSG00000005667	26.1757185	56.34499675	40.95676077	155.4533307	133.9283876
ENSMUSG00000005674	13.44158517	12.52111039	14.12302096	8.054576721	7.87814045
ENSMUSG00000005682	22.63845924	28.52030699	22.59683353	25.77464551	24.35061594
ENSMUSG00000005683	69.33028142	105.0382038	96.74269354	215.0571984	143.9551119
ENSMUSG00000005718	6.367066661	20.17290007	17.65377619	43.49471429	28.64778345
ENSMUSG00000005800	7.074518513	8.347406925	6.35535943	4.02728836	6.445751277
ENSMUSG00000005823	13.44158517	31.99839321	23.30298458	15.30369577	20.05344842
ENSMUSG00000005824	8.489422215	7.651789682	7.767661525	8.054576721	10.7429188
ENSMUSG00000005836	4.952162959	6.260555194	5.649208382	4.02728836	4.297167518
ENSMUSG00000005864	2.122355554	1.391234488	2.118453143	3.221830688	2.148583759
ENSMUSG00000005873	38.20239997	50.7800588	66.37819849	45.91108731	60.16034525
ENSMUSG00000005891	7.781970364	8.347406925	9.886114669	3.221830688	3.580972932
ENSMUSG00000005892	8.489422215	9.043024169	2.824604191	5.638203705	9.310529622
ENSMUSG00000005949	14.85648888	26.43345526	21.18453143	12.08186508	18.62105924
ENSMUSG00000005973	9.196874066	22.2597518	15.53532305	14.4982381	27.21539428
ENSMUSG00000006021	9.904325918	12.52111039	9.886114669	10.47094974	11.45911338
ENSMUSG00000006127	40.32475552	77.9091313	64.96589639	45.91108731	45.12025894
ENSMUSG00000006134	147.1499851	191.294742	162.414741	220.6954022	171.1705061
ENSMUSG00000006179	8.489422215	8.347406925	9.886114669	7.249119049	5.729556691
ENSMUSG00000006200	2.829807405	2.782468975	6.35535943	2.416373016	4.297167518
ENSMUSG00000006204	12.73413332	6.260555194	5.649208382	8.054576721	7.161945863
ENSMUSG00000006218	4.244711108	4.869320706	3.530755239	8.054576721	6.445751277
ENSMUSG00000006221	6.367066661	4.869320706	7.061510478	6.443661377	11.45911338
ENSMUSG00000006235	9.196874066	6.260555194	7.767661525	4.02728836	9.310529622
ENSMUSG00000006269	4.244711108	5.56493795	9.179963621	12.88732275	8.594335036
ENSMUSG00000006270	2.829807405	4.869320706	5.649208382	4.02728836	2.148583759
ENSMUSG00000006281	21.22355554	38.95456565	33.18909925	22.55281482	27.93158887
ENSMUSG00000006288	67.20792587	98.08203137	70.61510478	86.98942859	73.76804239
ENSMUSG00000006311	9.196874066	12.52111039	7.061510478	8.054576721	3.580972932
ENSMUSG00000006313	9.196874066	5.56493795	8.473812573	8.860034393	5.729556691
ENSMUSG00000006315	43.86201478	51.47567604	45.19366706	60.40932541	56.57937232
ENSMUSG00000006378	4.952162959	11.1298759	7.767661525	8.860034393	5.013362104
ENSMUSG00000006445	24.76081479	20.86851731	34.60140134	11.27640741	15.7562809
ENSMUSG00000006457	26.88317035	33.3896277	34.60140134	30.60739154	24.35061594
ENSMUSG00000006464	4.244711108	2.782468975	11.29841676	4.832746033	7.161945863
ENSMUSG00000006490	12.73413332	12.52111039	8.473812573	4.832746033	12.89150255
ENSMUSG00000006517	25.46826665	38.95456565	29.65834401	58.79841006	56.57937232
ENSMUSG00000006546	12.02668147	8.347406925	4.236906287	3.221830688	7.161945863

ENSMUSG00000006570	9.196874066	9.043024169	6.35535943	5.638203705	8.594335036
ENSMUSG00000006585	25.46826665	31.99839321	24.00913562	116.7913625	90.95671247
ENSMUSG00000006587	9.904325918	8.347406925	10.59226572	10.47094974	7.161945863
ENSMUSG00000006589	16.27139258	21.56413456	27.53989086	84.57305557	58.72795608
ENSMUSG00000006642	7.074518513	9.738641413	8.473812573	7.249119049	9.310529622
ENSMUSG00000006651	4.244711108	4.869320706	7.061510478	7.249119049	2.864778345
ENSMUSG00000006678	26.1757185	30.60715873	27.53989086	70.07481747	55.14698315
ENSMUSG00000006717	79.94205919	113.3856107	105.2165061	177.2006879	136.793166
ENSMUSG00000006736	12.02668147	13.21672763	12.71071886	40.2728836	32.22875639
ENSMUSG00000006764	4.952162959	4.869320706	12.00456781	8.860034393	4.297167518
ENSMUSG00000006777	12.73413332	12.52111039	6.35535943	4.02728836	7.87814045
ENSMUSG00000006818	13.44158517	23.65098629	21.18453143	42.68925662	34.37734014
ENSMUSG00000006850	12.73413332	19.47728283	22.59683353	23.35827249	16.47247549
ENSMUSG00000006941	14.85648888	22.2597518	19.06607829	50.74383334	42.25548059
ENSMUSG00000006948	9.196874066	3.478086219	6.35535943	5.638203705	7.161945863
ENSMUSG00000007021	4.244711108	9.738641413	4.943057334	3.221830688	5.729556691
ENSMUSG00000007030	11.31922962	13.91234488	20.47838039	13.69278043	15.04008631
ENSMUSG00000007033	2.122355554	5.56493795	8.473812573	4.832746033	5.729556691
ENSMUSG00000007038	14.14903703	24.34660353	33.89525029	19.33098413	25.06681052
ENSMUSG00000007041	24.76081479	20.17290007	14.829172	27.38556085	22.20203218
ENSMUSG00000007107	5.65961481	9.738641413	7.767661525	4.832746033	6.445751277
ENSMUSG00000007209	9.904325918	11.1298759	5.649208382	6.443661377	9.310529622
ENSMUSG00000007216	8.489422215	6.956172438	11.29841676	9.665492065	9.310529622
ENSMUSG00000007338	146.4425332	220.5106663	199.8407465	413.1997858	292.2073912
ENSMUSG00000007480	6.367066661	4.173703463	4.943057334	4.832746033	6.445751277
ENSMUSG00000007589	11.31922962	21.56413456	16.94762515	41.88379895	31.5125618
ENSMUSG00000007603	17.68629628	31.99839321	30.36449505	43.49471429	44.40406435
ENSMUSG00000007670	86.30912585	106.4294383	103.804204	328.6267302	219.1555434
ENSMUSG00000007682	10.61177777	6.956172438	6.35535943	8.054576721	6.445751277
ENSMUSG00000007721	14.85648888	25.73783802	22.59683353	24.16373016	26.49919969
ENSMUSG00000007777	15.56394073	20.17290007	19.06607829	32.21830688	30.08017263
ENSMUSG00000007805	9.196874066	6.260555194	2.824604191	4.832746033	7.161945863
ENSMUSG00000007836	33.25023701	68.17048989	60.02283906	207.8080794	183.3458141
ENSMUSG00000007867	5.65961481	5.56493795	4.236906287	7.249119049	5.729556691
ENSMUSG00000007872	44.56946663	63.99678643	60.72899011	51.54929101	47.2688427
ENSMUSG00000007877	4.244711108	5.56493795	4.236906287	4.02728836	7.87814045
ENSMUSG00000007892	20.51610369	29.21592424	36.01370344	161.0915344	122.4692743
ENSMUSG00000007907	8.489422215	13.91234488	5.649208382	1.610915344	4.297167518
ENSMUSG00000007944	7.781970364	5.56493795	5.649208382	8.054576721	5.013362104
ENSMUSG00000007950	24.05336294	26.43345526	29.65834401	23.35827249	28.64778345
ENSMUSG00000007989	6.367066661	6.260555194	6.35535943	5.638203705	7.161945863
ENSMUSG00000008348	170.4958962	224.6843697	201.2530486	490.5237223	343.0572069
ENSMUSG00000008384	19.80865184	38.95456565	40.25060972	45.10562964	40.82309142

ENSMUSG00000008393	45.27691848	36.86771392	43.78136496	41.88379895	36.5259239
ENSMUSG00000008429	35.37259256	71.64857611	50.13672439	52.35474869	61.59273443
ENSMUSG00000008438	6.367066661	11.82549314	12.00456781	8.860034393	5.013362104
ENSMUSG00000008450	103.9954221	118.2549314	122.8702823	205.3917064	171.1705061
ENSMUSG00000008461	7.074518513	4.173703463	5.649208382	12.88732275	8.594335036
ENSMUSG00000008482	4.244711108	4.173703463	5.649208382	6.443661377	9.310529622
ENSMUSG00000008590	9.904325918	2.086851731	12.00456781	1.610915344	5.013362104
ENSMUSG00000008734	8.489422215	5.56493795	5.649208382	2.416373016	3.580972932
ENSMUSG00000008843	8.489422215	6.260555194	9.179963621	7.249119049	5.729556691
ENSMUSG00000008845	8.489422215	5.56493795	8.473812573	4.832746033	7.87814045
ENSMUSG00000008859	32.54278516	39.6501829	45.19366706	35.44013757	38.67450766
ENSMUSG00000008932	7.781970364	6.260555194	7.061510478	11.27640741	8.594335036
ENSMUSG00000008999	9.196874066	2.782468975	3.530755239	5.638203705	9.310529622
ENSMUSG00000009013	45.27691848	75.12666233	61.43514116	149.815127	122.4692743
ENSMUSG00000009075	8.489422215	5.56493795	9.886114669	8.860034393	6.445751277
ENSMUSG00000009092	8.489422215	12.52111039	12.00456781	12.08186508	15.04008631
ENSMUSG00000009093	5.65961481	3.478086219	4.236906287	8.054576721	6.445751277
ENSMUSG00000009097	2.829807405	2.782468975	6.35535943	6.443661377	3.580972932
ENSMUSG00000009112	48.81417774	79.99598303	71.32125582	80.54576721	83.07857202
ENSMUSG00000009115	9.196874066	2.782468975	10.59226572	4.02728836	7.161945863
ENSMUSG00000009145	10.61177777	12.52111039	13.41686991	19.33098413	22.20203218
ENSMUSG00000009185	7.074518513	10.43425866	4.943057334	4.832746033	5.729556691
ENSMUSG00000009214	12.02668147	7.651789682	4.943057334	8.054576721	10.7429188
ENSMUSG00000009216	5.65961481	10.43425866	8.473812573	8.054576721	9.310529622
ENSMUSG00000009248	9.196874066	7.651789682	8.473812573	4.832746033	7.161945863
ENSMUSG00000009281	11.31922962	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG00000009378	6.367066661	5.56493795	4.943057334	10.47094974	7.161945863
ENSMUSG00000009471	8.489422215	5.56493795	7.061510478	3.221830688	5.013362104
ENSMUSG00000009551	87.01657771	100.1688831	120.0456781	33.02376456	49.41742646
ENSMUSG00000009588	7.074518513	4.869320706	11.29841676	7.249119049	10.7429188
ENSMUSG00000009596	2.122355554	2.782468975	3.530755239	3.221830688	2.864778345
ENSMUSG00000009633	7.074518513	4.173703463	11.29841676	7.249119049	8.594335036
ENSMUSG00000009654	6.367066661	4.173703463	7.061510478	11.27640741	8.594335036
ENSMUSG00000009731	4.244711108	2.086851731	2.824604191	4.832746033	6.445751277
ENSMUSG00000009733	15.56394073	20.17290007	17.65377619	23.35827249	31.5125618
ENSMUSG00000009900	6.367066661	4.869320706	1.412302096	4.02728836	10.02672421
ENSMUSG00000009905	21.93100739	40.34580014	33.89525029	28.9964762	28.64778345
ENSMUSG00000009927	72.16008883	98.77764862	79.08891735	273.0501508	216.2907651
ENSMUSG00000010045	83.47931845	121.0374004	96.0365425	88.60034393	103.848215
ENSMUSG00000010054	36.78749627	31.30277597	32.4829482	33.02376456	35.80972932
ENSMUSG00000010057	23.34591109	34.08524495	33.18909925	20.1364418	25.78300511
ENSMUSG00000010154	9.904325918	7.651789682	8.473812573	10.47094974	9.310529622
ENSMUSG00000010277	16.27139258	31.30277597	27.53989086	67.65844446	47.2688427

ENSMUSG00000010290	45.98437033	62.60555194	50.13672439	43.49471429	50.13362104
ENSMUSG00000010307	9.904325918	7.651789682	9.886114669	4.832746033	4.297167518
ENSMUSG00000010362	4.244711108	4.869320706	4.943057334	0.805457672	5.729556691
ENSMUSG00000010392	62.25576291	79.30036579	84.03197468	74.10210583	73.05184781
ENSMUSG00000010435	9.904325918	6.956172438	4.943057334	4.832746033	3.580972932
ENSMUSG00000010517	22.63845924	45.21512085	40.25060972	93.43308996	60.87653984
ENSMUSG00000010529	8.489422215	4.869320706	8.473812573	7.249119049	5.729556691
ENSMUSG00000010592	8.489422215	7.651789682	4.236906287	7.249119049	7.87814045
ENSMUSG00000010607	12.02668147	20.86851731	19.06607829	14.4982381	19.33725383
ENSMUSG00000010651	5.65961481	2.086851731	10.59226572	4.832746033	7.87814045
ENSMUSG00000010660	9.196874066	5.56493795	9.886114669	4.832746033	6.445751277
ENSMUSG00000010663	9.196874066	11.82549314	6.35535943	24.16373016	26.49919969
ENSMUSG00000010760	7.074518513	4.173703463	9.179963621	8.860034393	14.32389173
ENSMUSG00000010797	9.196874066	9.043024169	7.061510478	4.832746033	4.297167518
ENSMUSG00000010830	5.65961481	5.56493795	5.649208382	7.249119049	7.87814045
ENSMUSG00000011034	7.781970364	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000011118	7.781970364	6.260555194	8.473812573	8.054576721	7.87814045
ENSMUSG00000011158	78.52715549	111.9943762	108.0411103	95.04400531	90.24051788
ENSMUSG00000011179	4.244711108	2.782468975	3.530755239	2.416373016	2.148583759
ENSMUSG00000011267	20.51610369	23.65098629	21.89068248	82.96214023	74.48423698
ENSMUSG00000011306	210.8206517	282.420601	231.6175437	284.3265582	237.0604081
ENSMUSG00000011349	7.781970364	5.56493795	9.179963621	6.443661377	9.310529622
ENSMUSG00000011382	8.489422215	5.56493795	9.886114669	4.02728836	7.87814045
ENSMUSG00000011463	4.952162959	9.738641413	9.179963621	4.02728836	9.310529622
ENSMUSG00000011589	4.952162959	4.869320706	9.886114669	4.832746033	7.87814045
ENSMUSG00000011632	18.39374813	22.95536904	22.59683353	39.46742593	30.08017263
ENSMUSG00000011752	100.4581629	109.2119073	107.3349593	268.2174048	194.8049275
ENSMUSG00000011837	17.68629628	17.39043109	22.59683353	24.96918783	22.20203218
ENSMUSG00000012017	6.367066661	7.651789682	5.649208382	2.416373016	7.161945863
ENSMUSG00000012042	5.65961481	3.478086219	7.061510478	4.832746033	5.729556691
ENSMUSG00000012076	28.29807405	35.47647943	30.36449505	49.132918	39.39070225
ENSMUSG00000012282	9.196874066	6.260555194	3.530755239	7.249119049	5.013362104
ENSMUSG00000012428	10.61177777	9.738641413	16.2414741	8.054576721	7.161945863
ENSMUSG00000012429	58.0110518	78.60474855	77.67661525	161.0915344	128.198831
ENSMUSG00000012443	145.7350814	164.1656695	106.6288082	347.1522567	252.816689
ENSMUSG00000012483	71.45263698	123.8198694	112.2780166	94.23854763	101.6996313
ENSMUSG00000012889	10.61177777	5.56493795	4.943057334	8.054576721	4.297167518
ENSMUSG00000013091	9.196874066	4.869320706	11.29841676	8.054576721	7.161945863
ENSMUSG00000013158	18.39374813	19.47728283	15.53532305	19.33098413	12.89150255
ENSMUSG00000013160	29.71297775	47.30197258	50.84287544	41.07834128	38.67450766
ENSMUSG00000013275	22.63845924	49.38882431	47.3121202	53.96566403	34.37734014
ENSMUSG00000013367	8.489422215	4.869320706	9.179963621	2.416373016	7.87814045
ENSMUSG00000013415	4.244711108	6.956172438	5.649208382	5.638203705	7.161945863

ENSMUSG00000013418	4.952162959	7.651789682	7.061510478	6.443661377	9.310529622
ENSMUSG00000013419	6.367066661	3.478086219	7.061510478	12.08186508	5.729556691
ENSMUSG00000013584	8.489422215	4.173703463	9.179963621	7.249119049	3.580972932
ENSMUSG00000013653	7.781970364	4.173703463	5.649208382	4.832746033	5.013362104
ENSMUSG00000013662	58.71850365	75.82227957	71.32125582	154.647873	118.8883013
ENSMUSG00000013663	113.8997481	139.1234488	119.3395271	202.1698757	153.2656415
ENSMUSG00000013668	9.904325918	7.651789682	9.886114669	6.443661377	7.161945863
ENSMUSG00000013707	17.68629628	37.56333116	28.24604191	53.16020636	35.80972932
ENSMUSG00000013822	53.7663407	66.7792554	54.37363068	36.24559524	39.39070225
ENSMUSG00000013846	25.46826665	37.56333116	36.01370344	22.55281482	23.63442135
ENSMUSG00000013974	11.31922962	11.82549314	7.767661525	13.69278043	11.45911338
ENSMUSG00000014243	10.61177777	15.99919661	17.65377619	20.94189947	21.48583759
ENSMUSG00000014294	50.22908144	92.51709342	82.61967259	119.2077355	120.3206905
ENSMUSG00000014349	62.96321476	101.5601176	85.44427678	160.2860767	138.2255552
ENSMUSG00000014361	6.367066661	9.043024169	7.061510478	3.221830688	5.013362104
ENSMUSG00000014426	42.44711108	81.38721752	72.02740687	33.82922223	55.14698315
ENSMUSG00000014453	152.102148	145.3840039	147.585569	138.5387196	104.5644096
ENSMUSG00000014470	52.35143699	89.0390072	80.50121945	113.5695318	89.52432329
ENSMUSG00000014496	19.10119998	50.08444155	27.53989086	56.38203705	63.74131818
ENSMUSG00000014498	41.73965922	67.47487265	58.61053696	84.57305557	66.60609653
ENSMUSG00000014529	4.952162959	13.21672763	6.35535943	5.638203705	8.594335036
ENSMUSG00000014542	9.196874066	8.347406925	9.179963621	8.860034393	7.161945863
ENSMUSG00000014551	30.4204296	63.99678643	56.49208382	46.71654498	45.12025894
ENSMUSG00000014603	7.781970364	7.651789682	7.061510478	6.443661377	8.594335036
ENSMUSG00000014686	9.196874066	14.60796212	13.41686991	12.08186508	5.729556691
ENSMUSG00000014747	12.02668147	9.043024169	9.886114669	10.47094974	6.445751277
ENSMUSG00000014763	71.45263698	118.9505487	91.79963621	101.4876667	78.7814045
ENSMUSG00000014769	99.04325918	150.2533247	121.4579802	210.2244524	192.6563437
ENSMUSG00000014776	9.196874066	6.956172438	9.179963621	6.443661377	8.594335036
ENSMUSG00000014786	29.71297775	47.30197258	56.49208382	24.16373016	38.67450766
ENSMUSG00000014813	5.65961481	9.738641413	8.473812573	6.443661377	7.87814045
ENSMUSG00000014859	58.71850365	75.12666233	66.37819849	163.5079074	122.4692743
ENSMUSG00000014867	19.80865184	40.34580014	36.01370344	111.9586164	74.48423698
ENSMUSG00000014905	29.0055259	68.86610713	55.78593277	107.9313281	103.1320204
ENSMUSG00000015013	24.76081479	36.17209668	43.07521391	66.04752911	48.70123187
ENSMUSG00000015016	25.46826665	27.82468975	31.0706461	19.33098413	25.06681052
ENSMUSG00000015023	74.98989623	89.0390072	92.50578726	117.5968201	114.5911338
ENSMUSG00000015085	7.074518513	3.478086219	5.649208382	8.054576721	10.7429188
ENSMUSG00000015092	70.74518513	91.12585893	65.67204744	181.2279762	139.6579443
ENSMUSG00000015126	47.39927403	57.73623123	58.61053696	99.07129367	87.37573953
ENSMUSG00000015243	87.01657771	123.8198694	86.85657888	40.2728836	45.83645353
ENSMUSG00000015289	11.31922962	10.43425866	16.94762515	17.72006879	15.04008631
ENSMUSG00000015305	9.196874066	9.738641413	5.649208382	7.249119049	5.729556691

ENSMUSG00000015312	11.31922962	15.99919661	13.41686991	121.6241085	80.21379367
ENSMUSG00000015337	6.367066661	7.651789682	7.767661525	11.27640741	13.60769714
ENSMUSG00000015342	12.02668147	22.95536904	12.71071886	19.33098413	18.62105924
ENSMUSG00000015354	9.904325918	7.651789682	5.649208382	4.02728836	3.580972932
ENSMUSG00000015377	16.97884443	23.65098629	28.24604191	24.96918783	20.769643
ENSMUSG00000015396	116.7295555	134.254128	129.9317928	356.8177487	254.2490782
ENSMUSG00000015437	9.904325918	7.651789682	4.943057334	11.27640741	6.445751277
ENSMUSG00000015441	14.14903703	8.347406925	7.767661525	7.249119049	10.02672421
ENSMUSG00000015443	12.02668147	3.478086219	5.649208382	6.443661377	5.013362104
ENSMUSG00000015476	3.537259256	7.651789682	4.943057334	8.860034393	8.594335036
ENSMUSG00000015484	7.074518513	8.347406925	9.179963621	5.638203705	5.013362104
ENSMUSG00000015533	11.31922962	6.956172438	9.179963621	0.805457672	7.87814045
ENSMUSG00000015579	4.244711108	6.956172438	7.061510478	4.02728836	3.580972932
ENSMUSG00000015599	8.489422215	5.56493795	4.236906287	6.443661377	9.310529622
ENSMUSG00000015605	49.52162959	75.12666233	84.73812573	83.7675979	81.64618284
ENSMUSG00000015627	7.781970364	2.782468975	4.236906287	8.054576721	9.310529622
ENSMUSG00000015647	4.952162959	8.347406925	6.35535943	4.832746033	2.148583759
ENSMUSG00000015652	9.196874066	4.173703463	7.061510478	4.02728836	6.445751277
ENSMUSG00000015665	6.367066661	2.782468975	2.824604191	3.221830688	5.729556691
ENSMUSG00000015672	67.20792587	119.6461659	112.2780166	198.1425873	164.0085603
ENSMUSG00000015709	4.952162959	2.782468975	5.649208382	4.832746033	4.297167518
ENSMUSG00000015711	19.10119998	37.56333116	25.42143772	23.35827249	27.93158887
ENSMUSG00000015745	81.3569629	114.081228	91.09348516	145.7878386	131.0636093
ENSMUSG00000015747	14.85648888	20.86851731	21.18453143	25.77464551	18.62105924
ENSMUSG00000015812	7.781970364	7.651789682	6.35535943	4.832746033	5.729556691
ENSMUSG00000015839	34.66514071	63.30116918	48.7244223	153.8424154	100.9834367
ENSMUSG00000015854	6.367066661	8.347406925	7.061510478	4.832746033	7.161945863
ENSMUSG00000015879	9.904325918	8.347406925	6.35535943	3.221830688	5.013362104
ENSMUSG00000015889	39.61730367	63.99678643	66.37819849	63.6311561	46.55264811
ENSMUSG00000015890	7.781970364	6.260555194	9.179963621	12.88732275	10.02672421
ENSMUSG00000015932	15.56394073	29.91154148	24.00913562	42.68925662	37.95831308
ENSMUSG00000015942	24.76081479	46.60635533	36.71985448	68.46390213	62.30892901
ENSMUSG00000015944	17.68629628	11.1298759	16.2414741	12.88732275	9.310529622
ENSMUSG00000015961	70.74518513	111.9943762	83.32582364	191.698926	140.3741389
ENSMUSG00000015962	7.074518513	6.260555194	7.061510478	5.638203705	7.161945863
ENSMUSG00000015971	31.83533331	65.38802092	36.71985448	41.07834128	34.37734014
ENSMUSG00000016018	99.75071103	124.5154866	135.5810012	234.3881826	176.9000628
ENSMUSG00000016024	12.02668147	9.043024169	6.35535943	5.638203705	9.310529622
ENSMUSG00000016028	9.196874066	5.56493795	8.473812573	5.638203705	4.297167518
ENSMUSG00000016181	39.61730367	59.82308296	47.3121202	123.2350238	80.21379367
ENSMUSG00000016206	38.20239997	64.69240367	50.13672439	110.3477011	88.80812871
ENSMUSG00000016252	51.64398514	75.82227957	76.26431316	117.5968201	104.5644096
ENSMUSG00000016255	5.65961481	7.651789682	5.649208382	8.054576721	8.594335036



ENSMUSG00000016319	19.10119998	22.95536904	19.06607829	87.79488626	52.99839939
ENSMUSG00000016327	4.244711108	2.086851731	7.767661525	2.416373016	5.013362104
ENSMUSG00000016409	44.56946663	44.5195036	41.66291182	63.6311561	58.72795608
ENSMUSG00000016427	27.5906222	46.60635533	38.83830763	49.132918	47.2688427
ENSMUSG00000016494	5.65961481	10.43425866	5.649208382	8.054576721	6.445751277
ENSMUSG00000016496	57.30359995	81.38721752	67.79050059	189.2825529	119.6044959
ENSMUSG00000016498	12.73413332	6.260555194	14.12302096	4.02728836	5.729556691
ENSMUSG00000016520	149.2723406	212.1632594	167.3577983	202.1698757	173.3190899
ENSMUSG00000016526	8.489422215	8.347406925	17.65377619	16.10915344	12.17530797
ENSMUSG00000016529	13.44158517	7.651789682	10.59226572	23.35827249	14.32389173
ENSMUSG00000016541	24.05336294	35.47647943	38.13215658	69.2693598	58.01176149
ENSMUSG00000016554	85.601674	114.081228	97.44884459	330.2376456	224.1689055
ENSMUSG00000016619	60.13340736	85.56092098	67.08434954	183.6443492	158.9951982
ENSMUSG00000016637	12.02668147	12.52111039	12.00456781	13.69278043	14.32389173
ENSMUSG00000016758	4.244711108	10.43425866	5.649208382	7.249119049	6.445751277
ENSMUSG00000016942	6.367066661	8.347406925	2.118453143	5.638203705	7.87814045
ENSMUSG00000016946	53.7663407	58.43184848	51.54902649	107.9313281	80.92998826
ENSMUSG00000016982	4.952162959	6.956172438	7.767661525	5.638203705	1.432389173
ENSMUSG00000016984	24.05336294	50.08444155	45.19366706	78.93485187	64.45751277
ENSMUSG00000016998	7.781970364	5.56493795	4.236906287	7.249119049	7.161945863
ENSMUSG00000017000	6.367066661	10.43425866	9.886114669	5.638203705	10.02672421
ENSMUSG00000017003	12.73413332	9.043024169	11.29841676	5.638203705	12.17530797
ENSMUSG00000017004	7.781970364	6.260555194	5.649208382	5.638203705	4.297167518
ENSMUSG00000017007	10.61177777	2.782468975	7.767661525	7.249119049	4.297167518
ENSMUSG00000017009	79.94205919	95.2995624	88.97503202	122.4295662	93.82149081
ENSMUSG00000017049	7.074518513	7.651789682	4.943057334	6.443661377	8.594335036
ENSMUSG00000017057	4.952162959	3.478086219	2.118453143	2.416373016	5.729556691
ENSMUSG00000017064	9.904325918	7.651789682	4.943057334	7.249119049	7.87814045
ENSMUSG00000017144	4.952162959	8.347406925	9.179963621	1.610915344	4.297167518
ENSMUSG00000017165	9.196874066	5.56493795	9.179963621	6.443661377	8.594335036
ENSMUSG00000017167	8.489422215	8.347406925	14.12302096	12.88732275	7.87814045
ENSMUSG00000017188	20.51610369	22.2597518	20.47838039	27.38556085	26.49919969
ENSMUSG00000017204	8.489422215	6.956172438	7.061510478	14.4982381	10.02672421
ENSMUSG00000017300	5.65961481	6.956172438	8.473812573	8.054576721	10.02672421
ENSMUSG00000017310	5.65961481	10.43425866	7.061510478	10.47094974	7.161945863
ENSMUSG00000017344	7.781970364	6.260555194	8.473812573	6.443661377	6.445751277
ENSMUSG00000017453	10.61177777	7.651789682	9.179963621	2.416373016	9.310529622
ENSMUSG00000017466	7.074518513	6.260555194	9.886114669	13.69278043	6.445751277
ENSMUSG00000017491	8.489422215	8.347406925	9.179963621	8.860034393	5.729556691
ENSMUSG00000017588	10.61177777	8.347406925	6.35535943	7.249119049	10.7429188
ENSMUSG00000017607	6.367066661	2.782468975	7.061510478	7.249119049	7.87814045
ENSMUSG00000017667	7.781970364	8.347406925	6.35535943	7.249119049	5.013362104
ENSMUSG00000017692	10.61177777	6.260555194	8.473812573	6.443661377	3.580972932

ENSMUSG00000017697	11.31922962	18.08604834	14.829172	13.69278043	15.7562809
ENSMUSG00000017707	94.79854807	120.3417832	107.3349593	200.5589604	146.1036956
ENSMUSG00000017713	9.196874066	15.30357936	16.94762515	4.832746033	7.87814045
ENSMUSG00000017720	15.56394073	11.82549314	12.00456781	8.860034393	8.594335036
ENSMUSG00000017733	9.196874066	9.738641413	7.061510478	4.832746033	5.729556691
ENSMUSG00000017737	7.074518513	6.956172438	9.179963621	7.249119049	7.87814045
ENSMUSG00000017756	7.781970364	11.82549314	11.29841676	9.665492065	10.7429188
ENSMUSG00000017764	16.27139258	20.86851731	16.94762515	20.94189947	22.91822676
ENSMUSG00000017767	20.51610369	29.21592424	23.30298458	20.1364418	20.769643
ENSMUSG00000017831	91.26128881	104.3425866	91.79963621	152.2315	119.6044959
ENSMUSG00000017832	8.489422215	26.43345526	24.00913562	15.30369577	22.91822676
ENSMUSG00000018008	47.39927403	70.95295887	87.56272992	103.098582	90.24051788
ENSMUSG00000018040	33.95768886	51.47567604	58.61053696	95.04400531	99.5510475
ENSMUSG00000018102	9.904325918	12.52111039	12.00456781	7.249119049	10.7429188
ENSMUSG00000018166	10.61177777	9.043024169	9.886114669	4.832746033	11.45911338
ENSMUSG00000018168	145.7350814	146.7752384	138.4056054	248.8864207	164.0085603
ENSMUSG00000018171	77.81970364	126.6023384	123.5764334	219.8899445	183.3458141
ENSMUSG00000018199	42.44711108	64.69240367	53.66747963	114.3749894	90.95671247
ENSMUSG00000018238	4.952162959	9.043024169	8.473812573	8.054576721	7.87814045
ENSMUSG00000018239	50.93653329	98.08203137	66.37819849	96.65492065	85.22715578
ENSMUSG00000018286	19.10119998	30.60715873	28.95219296	46.71654498	50.13362104
ENSMUSG00000018293	45.98437033	61.9099347	62.84744325	235.1936403	166.157144
ENSMUSG00000018326	96.92090362	133.5585108	107.3349593	173.9788572	134.6445822
ENSMUSG00000018405	15.56394073	24.34660353	19.77222934	37.05105292	26.49919969
ENSMUSG00000018427	19.10119998	25.73783802	30.36449505	14.4982381	20.05344842
ENSMUSG00000018446	30.4204296	47.99758982	62.84744325	205.3917064	143.9551119
ENSMUSG00000018470	3.537259256	5.56493795	7.767661525	2.416373016	2.864778345
ENSMUSG00000018476	10.61177777	5.56493795	6.35535943	12.08186508	9.310529622
ENSMUSG00000018481	78.52715549	114.081228	91.79963621	172.3679418	155.4142252
ENSMUSG00000018486	10.61177777	4.173703463	5.649208382	5.638203705	10.02672421
ENSMUSG00000018500	5.65961481	6.956172438	9.179963621	7.249119049	3.580972932
ENSMUSG00000018509	8.489422215	11.1298759	5.649208382	9.665492065	13.60769714
ENSMUSG00000018543	11.31922962	17.39043109	12.00456781	14.4982381	21.48583759
ENSMUSG00000018547	41.03220737	75.12666233	62.84744325	99.87675134	82.36237743
ENSMUSG00000018583	130.8785925	143.9927695	120.0456781	302.046627	216.2907651
ENSMUSG00000018585	18.39374813	34.08524495	21.89068248	26.58010318	30.08017263
ENSMUSG00000018589	4.952162959	3.478086219	2.824604191	1.610915344	2.864778345
ENSMUSG00000018595	7.781970364	6.956172438	0.706151048	3.221830688	2.864778345
ENSMUSG00000018599	4.952162959	6.260555194	9.179963621	4.832746033	7.87814045
ENSMUSG00000018620	14.14903703	10.43425866	6.35535943	5.638203705	5.013362104
ENSMUSG00000018623	10.61177777	6.260555194	7.767661525	4.832746033	10.02672421
ENSMUSG00000018656	7.074518513	5.56493795	4.943057334	4.832746033	9.310529622
ENSMUSG00000018677	8.489422215	6.956172438	9.179963621	16.10915344	22.91822676

ENSMUSG00000018765	41.03220737	79.99598303	68.49665163	115.9859048	88.80812871
ENSMUSG00000018770	21.93100739	45.21512085	43.78136496	123.2350238	95.97007457
ENSMUSG00000018776	12.02668147	18.78166558	12.00456781	9.665492065	7.87814045
ENSMUSG00000018809	136.5382073	173.2086937	130.6379438	162.7024498	147.5360848
ENSMUSG00000018821	3.537259256	4.869320706	4.236906287	7.249119049	6.445751277
ENSMUSG00000018822	12.02668147	5.56493795	4.236906287	4.832746033	10.02672421
ENSMUSG00000018830	3.537259256	5.56493795	9.886114669	6.443661377	4.297167518
ENSMUSG00000018844	7.074518513	15.99919661	16.2414741	9.665492065	12.89150255
ENSMUSG00000018846	74.28244438	105.7338211	87.56272992	142.566008	146.1036956
ENSMUSG00000018848	53.7663407	93.21271067	73.43970897	169.9515688	134.6445822
ENSMUSG00000018849	9.196874066	4.173703463	6.35535943	8.054576721	7.161945863
ENSMUSG00000018861	13.44158517	14.60796212	21.18453143	17.72006879	21.48583759
ENSMUSG00000018865	4.244711108	6.260555194	6.35535943	4.02728836	8.594335036
ENSMUSG00000018868	7.781970364	4.173703463	10.59226572	6.443661377	5.729556691
ENSMUSG00000018900	19.10119998	31.99839321	30.36449505	29.80193387	28.64778345
ENSMUSG00000018914	9.196874066	8.347406925	4.943057334	12.88732275	2.864778345
ENSMUSG00000018916	12.02668147	6.260555194	5.649208382	8.860034393	4.297167518
ENSMUSG00000018924	4.952162959	9.043024169	11.29841676	5.638203705	6.445751277
ENSMUSG00000018925	6.367066661	2.086851731	9.179963621	6.443661377	10.7429188
ENSMUSG00000018927	16.27139258	9.043024169	4.943057334	8.860034393	7.161945863
ENSMUSG00000018930	7.074518513	6.956172438	12.00456781	9.665492065	7.87814045
ENSMUSG00000018931	25.46826665	41.73703463	40.95676077	22.55281482	26.49919969
ENSMUSG00000018932	36.08004441	67.47487265	49.43057334	66.85298678	78.06520991
ENSMUSG00000018973	6.367066661	4.869320706	7.061510478	5.638203705	6.445751277
ENSMUSG00000018974	153.5170517	173.2086937	165.2393452	320.5721535	217.0069597
ENSMUSG00000018983	36.08004441	33.3896277	40.25060972	145.7878386	111.7263555
ENSMUSG00000019027	9.196874066	9.043024169	8.473812573	8.054576721	5.729556691
ENSMUSG00000019080	7.781970364	10.43425866	9.886114669	12.08186508	12.89150255
ENSMUSG00000019122	8.489422215	8.347406925	5.649208382	6.443661377	4.297167518
ENSMUSG00000019146	9.196874066	4.869320706	4.943057334	4.02728836	3.580972932
ENSMUSG00000019158	16.97884443	29.21592424	29.65834401	25.77464551	21.48583759
ENSMUSG00000019235	7.074518513	6.956172438	10.59226572	7.249119049	6.445751277
ENSMUSG00000019261	41.03220737	57.04061399	51.54902649	111.9586164	82.36237743
ENSMUSG00000019278	7.074518513	6.260555194	5.649208382	9.665492065	8.594335036
ENSMUSG00000019295	53.7663407	78.60474855	73.43970897	128.8732275	121.7530797
ENSMUSG00000019297	43.86201478	79.30036579	75.55816211	124.8459392	98.83485292
ENSMUSG00000019301	12.02668147	9.043024169	16.94762515	11.27640741	7.161945863
ENSMUSG00000019362	72.16008883	89.0390072	91.09348516	86.18397091	73.05184781
ENSMUSG00000019429	7.781970364	6.956172438	10.59226572	6.443661377	3.580972932
ENSMUSG00000019433	9.904325918	16.69481385	24.00913562	22.55281482	25.06681052
ENSMUSG00000019464	8.489422215	14.60796212	12.71071886	11.27640741	7.87814045
ENSMUSG00000019489	4.244711108	6.956172438	7.061510478	5.638203705	7.161945863
ENSMUSG00000019505	103.2879703	136.3409798	112.2780166	219.0844868	158.2790036

ENSMUSG00000019577	10.61177777	9.043024169	5.649208382	4.832746033	7.161945863
ENSMUSG00000019659	38.20239997	61.9099347	43.78136496	74.10210583	65.88990194
ENSMUSG00000019689	9.904325918	23.65098629	20.47838039	33.82922223	18.62105924
ENSMUSG00000019718	7.781970364	15.30357936	10.59226572	13.69278043	23.63442135
ENSMUSG00000019762	12.73413332	4.869320706	4.236906287	1.610915344	5.013362104
ENSMUSG00000019772	6.367066661	2.086851731	7.767661525	3.221830688	4.297167518
ENSMUSG00000019773	112.4848444	134.254128	138.4056054	194.115299	148.2522794
ENSMUSG00000019774	50.93653329	62.60555194	64.96589639	82.15668255	74.48423698
ENSMUSG00000019787	11.31922962	8.347406925	6.35535943	2.416373016	7.161945863
ENSMUSG00000019789	8.489422215	6.956172438	9.179963621	5.638203705	7.161945863
ENSMUSG00000019792	21.93100739	38.25894841	33.18909925	64.43661377	57.29556691
ENSMUSG00000019808	21.22355554	56.34499675	38.13215658	57.18749472	45.83645353
ENSMUSG00000019814	19.10119998	40.34580014	28.24604191	53.16020636	49.41742646
ENSMUSG00000019815	9.196874066	6.956172438	9.886114669	9.665492065	9.310529622
ENSMUSG00000019832	12.73413332	9.738641413	7.767661525	3.221830688	9.310529622
ENSMUSG00000019837	21.22355554	31.30277597	24.00913562	29.80193387	30.08017263
ENSMUSG00000019842	97.62835547	101.5601176	88.97503202	128.8732275	109.5777717
ENSMUSG00000019845	10.61177777	11.1298759	14.829172	13.69278043	20.05344842
ENSMUSG00000019851	8.489422215	8.347406925	7.061510478	4.832746033	2.864778345
ENSMUSG00000019852	10.61177777	4.173703463	3.530755239	6.443661377	10.7429188
ENSMUSG00000019853	12.73413332	8.347406925	7.767661525	5.638203705	7.87814045
ENSMUSG00000019857	31.83533331	41.73703463	39.54445867	121.6241085	100.9834367
ENSMUSG00000019863	62.25576291	91.12585893	84.03197468	108.7367857	90.95671247
ENSMUSG00000019865	10.61177777	9.043024169	6.35535943	4.02728836	2.864778345
ENSMUSG00000019867	6.367066661	6.956172438	5.649208382	4.832746033	5.013362104
ENSMUSG00000019873	47.39927403	68.17048989	62.1412922	132.9005159	119.6044959
ENSMUSG00000019878	9.904325918	17.39043109	13.41686991	28.19101852	25.06681052
ENSMUSG00000019890	8.489422215	4.173703463	4.236906287	2.416373016	6.445751277
ENSMUSG00000019897	39.61730367	65.38802092	59.31668801	103.9040397	86.65954495
ENSMUSG00000019905	13.44158517	8.347406925	6.35535943	4.832746033	7.87814045
ENSMUSG00000019909	7.781970364	7.651789682	5.649208382	4.02728836	8.594335036
ENSMUSG00000019913	5.65961481	10.43425866	4.943057334	4.02728836	2.148583759
ENSMUSG00000019927	53.7663407	82.08283477	88.97503202	45.91108731	61.59273443
ENSMUSG00000019932	6.367066661	2.086851731	10.59226572	6.443661377	5.729556691
ENSMUSG00000019948	35.37259256	59.82308296	60.72899011	54.7711217	52.2822048
ENSMUSG00000019960	67.20792587	71.64857611	67.08434954	43.49471429	33.66114556
ENSMUSG00000019987	4.244711108	4.869320706	9.179963621	4.832746033	7.87814045
ENSMUSG00000019988	26.1757185	34.78086219	27.53989086	45.10562964	44.40406435
ENSMUSG00000019989	5.65961481	5.56493795	7.767661525	7.249119049	4.297167518
ENSMUSG00000019992	16.27139258	14.60796212	14.829172	36.24559524	34.37734014
ENSMUSG00000019998	68.62282957	92.51709342	87.56272992	131.2896006	107.429188
ENSMUSG00000020000	8.489422215	4.869320706	10.59226572	4.832746033	6.445751277
ENSMUSG00000020007	9.904325918	5.56493795	4.943057334	5.638203705	5.729556691

ENSMUSG00000020010	13.44158517	7.651789682	4.236906287	5.638203705	7.87814045
ENSMUSG00000020018	77.11225179	96.69079689	103.804204	193.3098413	144.6713064
ENSMUSG00000020019	7.074518513	5.56493795	6.35535943	4.832746033	7.87814045
ENSMUSG00000020020	8.489422215	8.347406925	2.118453143	4.832746033	6.445751277
ENSMUSG00000020021	41.73965922	67.47487265	53.66747963	49.132918	52.2822048
ENSMUSG00000020024	28.29807405	52.17129328	43.78136496	94.23854763	62.30892901
ENSMUSG00000020029	57.30359995	60.51870021	57.90438592	82.96214023	70.18706946
ENSMUSG00000020034	117.4370073	154.4270281	157.4716837	67.65844446	44.40406435
ENSMUSG00000020052	8.489422215	2.782468975	7.061510478	5.638203705	10.02672421
ENSMUSG00000020057	5.65961481	4.869320706	4.943057334	4.832746033	5.013362104
ENSMUSG00000020059	9.904325918	2.086851731	3.530755239	8.860034393	8.594335036
ENSMUSG00000020062	4.244711108	9.043024169	5.649208382	6.443661377	7.161945863
ENSMUSG00000020064	111.0699406	116.863697	109.4534124	121.6241085	121.0368851
ENSMUSG00000020067	4.952162959	4.869320706	8.473812573	6.443661377	7.161945863
ENSMUSG00000020074	49.52162959	67.47487265	70.61510478	124.8459392	103.848215
ENSMUSG00000020075	103.2879703	137.036597	108.7472614	278.6883545	226.3174893
ENSMUSG00000020076	63.67066661	96.69079689	84.73812573	153.0369577	118.8883013
ENSMUSG00000020080	11.31922962	9.738641413	3.530755239	8.054576721	5.013362104
ENSMUSG00000020081	7.074518513	6.260555194	8.473812573	5.638203705	7.87814045
ENSMUSG00000020086	8.489422215	2.782468975	4.943057334	5.638203705	2.864778345
ENSMUSG00000020087	26.1757185	32.69401046	44.48751601	56.38203705	54.43078856
ENSMUSG00000020089	7.781970364	13.91234488	12.71071886	71.68573282	49.41742646
ENSMUSG00000020092	7.781970364	5.56493795	8.473812573	4.832746033	7.87814045
ENSMUSG00000020098	10.61177777	5.56493795	6.35535943	4.02728836	5.013362104
ENSMUSG00000020099	10.61177777	2.086851731	7.061510478	4.832746033	4.297167518
ENSMUSG00000020105	9.904325918	4.869320706	12.00456781	4.02728836	5.729556691
ENSMUSG00000020108	33.95768886	55.6493795	45.19366706	115.9859048	80.92998826
ENSMUSG00000020115	82.7718666	110.6031418	124.9887355	184.4498069	146.8198902
ENSMUSG00000020116	54.47379255	96.69079689	74.85201106	136.1223466	116.7397176
ENSMUSG00000020123	10.61177777	8.347406925	8.473812573	5.638203705	6.445751277
ENSMUSG00000020125	6.367066661	9.043024169	9.179963621	8.860034393	8.594335036
ENSMUSG00000020130	101.8730666	129.3848073	120.7518292	138.5387196	112.4425501
ENSMUSG00000020133	52.35143699	84.86530374	89.68118307	96.65492065	76.63282074
ENSMUSG00000020137	73.57499253	121.0374004	96.0365425	216.6681138	138.9417498
ENSMUSG00000020152	77.81970364	123.1242521	106.6288082	245.66459	175.4676737
ENSMUSG00000020155	5.65961481	2.782468975	7.061510478	8.054576721	5.729556691
ENSMUSG00000020159	7.781970364	8.347406925	4.943057334	8.054576721	7.87814045
ENSMUSG00000020169	5.65961481	6.260555194	9.886114669	8.860034393	5.729556691
ENSMUSG00000020170	89.13893326	130.7760418	116.5149229	114.3749894	100.2672421
ENSMUSG00000020171	76.40479994	114.081228	110.1595635	141.7605503	121.0368851
ENSMUSG00000020178	17.68629628	18.08604834	17.65377619	21.74735715	30.08017263
ENSMUSG00000020186	18.39374813	25.73783802	25.42143772	16.91461111	10.02672421
ENSMUSG00000020193	9.196874066	15.30357936	19.77222934	15.30369577	15.7562809

ENSMUSG00000020198	106.1177777	159.2963488	141.9363606	186.8661799	153.2656415
ENSMUSG00000020205	7.781970364	16.69481385	19.77222934	20.1364418	19.33725383
ENSMUSG00000020213	6.367066661	6.956172438	7.061510478	8.860034393	5.013362104
ENSMUSG00000020219	46.69182218	45.91073809	45.8998181	101.4876667	79.49759908
ENSMUSG00000020226	7.074518513	6.956172438	6.35535943	6.443661377	5.729556691
ENSMUSG00000020229	14.85648888	6.956172438	8.473812573	9.665492065	8.594335036
ENSMUSG00000020255	47.39927403	83.47406925	57.19823487	135.3168889	103.848215
ENSMUSG00000020260	24.05336294	36.17209668	25.42143772	31.41284921	45.83645353
ENSMUSG00000020264	14.14903703	8.347406925	7.061510478	4.02728836	7.161945863
ENSMUSG00000020267	46.69182218	59.12746572	52.25517753	156.2587884	113.1587446
ENSMUSG00000020270	6.367066661	6.260555194	9.179963621	2.416373016	9.310529622
ENSMUSG00000020272	77.11225179	118.2549314	103.804204	86.98942859	72.33565322
ENSMUSG00000020275	38.20239997	47.99758982	38.13215658	128.8732275	94.5376854
ENSMUSG00000020283	70.74518513	130.0804246	87.56272992	102.2931244	102.4158258
ENSMUSG00000020295	4.952162959	4.173703463	5.649208382	5.638203705	5.013362104
ENSMUSG00000020299	7.074518513	4.869320706	5.649208382	3.221830688	4.297167518
ENSMUSG00000020303	7.074518513	2.086851731	3.530755239	2.416373016	6.445751277
ENSMUSG00000020309	36.78749627	67.47487265	60.72899011	62.02024075	50.84981563
ENSMUSG00000020310	10.61177777	11.1298759	7.061510478	4.832746033	10.02672421
ENSMUSG00000020319	48.10672589	74.43104508	69.90895373	71.68573282	60.87653984
ENSMUSG00000020326	36.78749627	67.47487265	41.66291182	114.3749894	67.32229112
ENSMUSG00000020331	2.122355554	4.173703463	14.12302096	7.249119049	3.580972932
ENSMUSG00000020332	10.61177777	6.956172438	6.35535943	8.054576721	10.02672421
ENSMUSG00000020334	6.367066661	6.260555194	7.061510478	8.054576721	5.013362104
ENSMUSG00000020349	130.8785925	130.0804246	140.5240585	271.4392355	222.7365164
ENSMUSG00000020357	1.414903703	2.782468975	7.767661525	7.249119049	6.445751277
ENSMUSG00000020363	7.781970364	4.173703463	8.473812573	5.638203705	6.445751277
ENSMUSG00000020375	39.61730367	54.25814501	59.31668801	41.88379895	44.40406435
ENSMUSG00000020383	7.781970364	7.651789682	7.767661525	5.638203705	7.87814045
ENSMUSG00000020386	66.50047402	98.08203137	98.15499564	98.265836	98.11865833
ENSMUSG00000020392	36.08004441	61.9099347	55.07978173	89.4058016	78.7814045
ENSMUSG00000020396	6.367066661	6.260555194	12.71071886	8.054576721	10.02672421
ENSMUSG00000020401	14.14903703	10.43425866	6.35535943	9.665492065	10.7429188
ENSMUSG00000020405	2.829807405	4.173703463	4.236906287	9.665492065	7.161945863
ENSMUSG00000020411	4.244711108	6.260555194	7.061510478	4.02728836	5.013362104
ENSMUSG00000020423	183.2300295	163.4700523	163.8270431	209.4189947	154.6980307
ENSMUSG00000020424	7.781970364	10.43425866	7.061510478	4.832746033	8.594335036
ENSMUSG00000020429	3.537259256	6.260555194	4.236906287	4.832746033	7.161945863
ENSMUSG00000020431	2.829807405	4.869320706	4.943057334	5.638203705	4.297167518
ENSMUSG00000020434	4.244711108	6.260555194	6.35535943	6.443661377	7.87814045
ENSMUSG00000020441	29.71297775	46.60635533	42.36906287	74.10210583	68.0384857
ENSMUSG00000020447	10.61177777	8.347406925	9.886114669	4.02728836	7.161945863
ENSMUSG00000020469	4.244711108	6.260555194	2.824604191	6.443661377	5.013362104

ENSMUSG00000020475	9.196874066	6.260555194	9.179963621	7.249119049	8.594335036
ENSMUSG00000020482	58.71850365	73.73542784	69.90895373	112.7640741	113.8749392
ENSMUSG00000020493	70.74518513	73.0398106	69.90895373	135.3168889	95.97007457
ENSMUSG00000020496	39.61730367	66.08363816	53.66747963	58.79841006	44.40406435
ENSMUSG00000020514	28.29807405	43.12826911	37.42600553	45.91108731	31.5125618
ENSMUSG00000020519	47.39927403	52.86691053	60.72899011	50.74383334	47.98503729
ENSMUSG00000020521	29.71297775	42.43265187	35.30755239	37.85651059	35.80972932
ENSMUSG00000020537	47.39927403	46.60635533	57.90438592	99.07129367	88.80812871
ENSMUSG00000020547	41.73965922	63.99678643	67.08434954	101.4876667	111.0101609
ENSMUSG00000020553	14.14903703	12.52111039	15.53532305	11.27640741	4.297167518
ENSMUSG00000020561	90.55383696	126.6023384	105.2165061	168.3406535	119.6044959
ENSMUSG00000020562	14.85648888	6.956172438	7.767661525	8.860034393	10.7429188
ENSMUSG00000020572	2.829807405	2.782468975	1.412302096	2.416373016	4.297167518
ENSMUSG00000020583	7.074518513	6.956172438	10.59226572	4.02728836	7.161945863
ENSMUSG00000020585	54.47379255	79.30036579	60.72899011	148.2042117	108.1453825
ENSMUSG00000020601	29.71297775	31.99839321	41.66291182	16.91461111	21.48583759
ENSMUSG00000020605	13.44158517	16.69481385	20.47838039	9.665492065	15.04008631
ENSMUSG00000020607	14.85648888	2.782468975	9.179963621	3.221830688	7.161945863
ENSMUSG00000020608	74.98989623	111.298759	95.33039145	164.3133651	142.5227227
ENSMUSG00000020621	29.0055259	52.17129328	33.89525029	38.66196826	32.94495097
ENSMUSG00000020630	36.08004441	46.60635533	52.96132858	66.85298678	62.30892901
ENSMUSG00000020635	5.65961481	9.043024169	11.29841676	16.10915344	10.02672421
ENSMUSG00000020638	16.97884443	17.39043109	15.53532305	19.33098413	15.04008631
ENSMUSG00000020644	6.367066661	16.69481385	15.53532305	26.58010318	19.33725383
ENSMUSG00000020648	65.08557032	116.1680797	93.21193831	105.514955	123.9016634
ENSMUSG00000020651	7.781970364	6.956172438	6.35535943	3.221830688	5.729556691
ENSMUSG00000020660	5.65961481	6.260555194	5.649208382	4.02728836	8.594335036
ENSMUSG00000020671	63.67066661	96.69079689	83.32582364	178.0061455	150.4008631
ENSMUSG00000020676	12.73413332	5.56493795	8.473812573	3.221830688	7.87814045
ENSMUSG00000020677	26.1757185	40.34580014	33.18909925	54.7711217	64.45751277
ENSMUSG00000020689	8.489422215	6.956172438	13.41686991	16.91461111	10.7429188
ENSMUSG00000020703	6.367066661	9.043024169	5.649208382	3.221830688	8.594335036
ENSMUSG00000020705	159.8841184	203.1202352	187.1300277	361.6504948	266.4243861
ENSMUSG00000020707	9.904325918	16.69481385	26.12758877	27.38556085	25.06681052
ENSMUSG00000020713	28.29807405	39.6501829	37.42600553	26.58010318	25.06681052
ENSMUSG00000020715	12.73413332	18.08604834	18.35992724	20.94189947	28.64778345
ENSMUSG00000020722	7.074518513	4.869320706	9.886114669	8.054576721	8.594335036
ENSMUSG00000020723	10.61177777	3.478086219	4.236906287	4.832746033	3.580972932
ENSMUSG00000020733	138.6605628	142.601535	138.4056054	102.2931244	98.83485292
ENSMUSG00000020755	125.9264295	181.5561006	145.4671158	192.5043836	153.9818361
ENSMUSG00000020766	15.56394073	23.65098629	28.95219296	35.44013757	32.22875639
ENSMUSG00000020774	7.781970364	7.651789682	15.53532305	8.054576721	10.7429188
ENSMUSG00000020793	7.781970364	9.738641413	9.179963621	5.638203705	15.04008631

ENSMUSG00000020801	10.61177777	8.347406925	8.473812573	24.96918783	17.90486466
ENSMUSG00000020802	29.71297775	50.7800588	39.54445867	54.7711217	44.40406435
ENSMUSG00000020803	53.05888884	70.25734162	76.97046421	65.24207144	58.72795608
ENSMUSG00000020808	14.85648888	9.043024169	23.30298458	17.72006879	17.18867007
ENSMUSG00000020810	7.781970364	6.260555194	6.35535943	3.221830688	10.02672421
ENSMUSG00000020826	7.074518513	4.869320706	4.943057334	8.860034393	5.013362104
ENSMUSG00000020829	8.489422215	13.21672763	9.179963621	8.860034393	5.013362104
ENSMUSG00000020830	7.074518513	7.651789682	4.943057334	8.054576721	6.445751277
ENSMUSG00000020841	2.829807405	9.738641413	7.061510478	7.249119049	8.594335036
ENSMUSG00000020844	9.904325918	22.95536904	16.94762515	16.91461111	22.91822676
ENSMUSG00000020846	19.80865184	19.47728283	21.89068248	60.40932541	54.43078856
ENSMUSG00000020848	9.904325918	5.56493795	6.35535943	6.443661377	6.445751277
ENSMUSG00000020869	74.28244438	88.34338996	82.61967259	217.4735715	165.4409494
ENSMUSG00000020871	7.781970364	6.956172438	4.943057334	4.832746033	5.729556691
ENSMUSG00000020872	8.489422215	6.260555194	5.649208382	7.249119049	12.89150255
ENSMUSG00000020875	6.367066661	5.56493795	4.236906287	6.443661377	5.729556691
ENSMUSG00000020878	69.33028142	74.43104508	69.20280268	110.3477011	89.52432329
ENSMUSG00000020907	9.196874066	4.869320706	4.943057334	8.054576721	6.445751277
ENSMUSG00000020912	13.44158517	0.695617244	6.35535943	5.638203705	6.445751277
ENSMUSG00000020913	6.367066661	3.478086219	9.179963621	4.02728836	7.87814045
ENSMUSG00000020916	4.952162959	9.738641413	6.35535943	2.416373016	7.87814045
ENSMUSG00000020921	7.074518513	17.39043109	19.77222934	12.88732275	10.02672421
ENSMUSG00000020930	50.93653329	62.60555194	48.01827125	112.7640741	84.51096119
ENSMUSG00000020935	18.39374813	34.08524495	41.66291182	61.21478308	58.01176149
ENSMUSG00000020936	91.96874066	118.2549314	90.38733411	198.948045	142.5227227
ENSMUSG00000020941	12.02668147	9.043024169	11.29841676	18.52552646	18.62105924
ENSMUSG00000020948	121.6817184	176.6867799	154.6470795	163.5079074	143.2389173
ENSMUSG00000020949	42.44711108	86.25653823	71.32125582	66.85298678	82.36237743
ENSMUSG00000020955	82.06441475	150.2533247	136.9933033	230.3608942	204.8316517
ENSMUSG00000020973	34.66514071	45.91073809	41.66291182	122.4295662	99.5510475
ENSMUSG00000020974	16.27139258	19.47728283	14.829172	39.46742593	38.67450766
ENSMUSG00000020982	43.86201478	70.25734162	55.07978173	115.9859048	103.848215
ENSMUSG00000020988	11.31922962	25.04222078	26.12758877	47.52200265	40.10689684
ENSMUSG00000020990	8.489422215	13.21672763	14.12302096	12.88732275	4.297167518
ENSMUSG00000020993	130.8785925	157.2094971	156.7655326	176.3952302	151.1170577
ENSMUSG00000020994	45.98437033	86.95215547	84.73812573	201.364418	135.3607768
ENSMUSG00000021018	8.489422215	11.82549314	9.886114669	37.85651059	25.06681052
ENSMUSG00000021022	42.44711108	69.56172438	64.96589639	53.16020636	55.86317773
ENSMUSG00000021025	74.28244438	99.47326586	73.43970897	220.6954022	160.4275873
ENSMUSG00000021028	54.47379255	94.60394515	91.79963621	76.51847885	81.64618284
ENSMUSG00000021037	49.52162959	89.73462445	90.38733411	175.5897725	149.6846685
ENSMUSG00000021039	72.86754068	125.9067211	87.56272992	125.6513968	100.9834367
ENSMUSG00000021047	7.074518513	7.651789682	5.649208382	4.832746033	3.580972932



ENSMUSG00000021048	16.97884443	33.3896277	28.24604191	90.21125927	85.22715578
ENSMUSG00000021054	61.54831106	92.51709342	77.67661525	82.96214023	76.63282074
ENSMUSG00000021056	7.781970364	4.869320706	8.473812573	7.249119049	4.297167518
ENSMUSG00000021066	45.27691848	65.38802092	59.31668801	41.88379895	47.2688427
ENSMUSG00000021067	33.95768886	42.43265187	41.66291182	82.96214023	70.90326405
ENSMUSG00000021070	8.489422215	10.43425866	3.530755239	6.443661377	5.729556691
ENSMUSG00000021076	47.39927403	80.69160028	71.32125582	90.21125927	74.48423698
ENSMUSG00000021078	3.537259256	12.52111039	14.12302096	5.638203705	3.580972932
ENSMUSG00000021086	10.61177777	8.347406925	5.649208382	4.832746033	6.445751277
ENSMUSG00000021091	5.65961481	8.347406925	10.59226572	6.443661377	5.013362104
ENSMUSG00000021095	5.65961481	5.56493795	3.530755239	1.610915344	2.148583759
ENSMUSG00000021099	7.781970364	4.869320706	9.179963621	4.02728836	3.580972932
ENSMUSG00000021102	62.96321476	87.64777272	84.73812573	219.0844868	199.8182896
ENSMUSG00000021112	22.63845924	38.95456565	39.54445867	33.02376456	30.08017263
ENSMUSG00000021113	40.32475552	89.0390072	69.20280268	45.10562964	57.29556691
ENSMUSG00000021114	105.4103258	153.0357936	146.1732669	249.6918783	214.8583759
ENSMUSG00000021118	7.781970364	9.043024169	14.829172	4.832746033	8.594335036
ENSMUSG00000021125	6.367066661	8.347406925	5.649208382	9.665492065	8.594335036
ENSMUSG00000021127	168.3735406	185.0341868	176.5377619	322.9885265	292.9235858
ENSMUSG00000021130	5.65961481	6.260555194	6.35535943	4.832746033	5.729556691
ENSMUSG00000021133	50.93653329	87.64777272	79.7950684	56.38203705	41.53928601
ENSMUSG00000021135	10.61177777	9.043024169	8.473812573	6.443661377	6.445751277
ENSMUSG00000021140	43.86201478	61.9099347	45.19366706	28.9964762	42.25548059
ENSMUSG00000021149	118.851911	177.3823972	141.9363606	291.5756773	218.4393488
ENSMUSG00000021171	22.63845924	49.38882431	40.95676077	54.7711217	40.10689684
ENSMUSG00000021176	9.904325918	24.34660353	14.829172	24.16373016	25.06681052
ENSMUSG00000021178	50.22908144	69.56172438	66.37819849	168.3406535	133.9283876
ENSMUSG00000021179	48.10672589	77.21351406	66.37819849	57.18749472	53.71459398
ENSMUSG00000021180	73.57499253	87.64777272	86.85657888	45.10562964	55.86317773
ENSMUSG00000021186	7.781970364	3.478086219	4.943057334	7.249119049	6.445751277
ENSMUSG00000021194	9.904325918	6.956172438	4.236906287	5.638203705	6.445751277
ENSMUSG00000021207	7.074518513	9.043024169	4.943057334	6.443661377	2.148583759
ENSMUSG00000021208	12.73413332	13.21672763	12.00456781	9.665492065	5.729556691
ENSMUSG00000021211	8.489422215	6.956172438	7.061510478	7.249119049	6.445751277
ENSMUSG00000021216	7.781970364	7.651789682	4.943057334	7.249119049	5.729556691
ENSMUSG00000021217	9.196874066	8.347406925	5.649208382	4.02728836	6.445751277
ENSMUSG00000021222	19.10119998	23.65098629	24.71528667	24.96918783	27.93158887
ENSMUSG00000021226	14.14903703	25.73783802	32.4829482	16.91461111	12.17530797
ENSMUSG00000021234	41.73965922	70.25734162	65.67204744	62.02024075	71.61945863
ENSMUSG00000021240	12.02668147	20.17290007	19.77222934	18.52552646	15.7562809
ENSMUSG00000021241	30.4204296	47.30197258	48.7244223	76.51847885	78.7814045
ENSMUSG00000021242	40.32475552	56.34499675	46.60596915	100.682209	73.05184781
ENSMUSG00000021248	50.93653329	70.25734162	73.43970897	162.7024498	102.4158258

ENSMUSG00000021253	2.829807405	12.52111039	7.767661525	3.221830688	5.729556691
ENSMUSG00000021254	45.98437033	67.47487265	43.78136496	56.38203705	62.30892901
ENSMUSG00000021256	4.244711108	7.651789682	7.767661525	7.249119049	9.310529622
ENSMUSG00000021259	6.367066661	10.43425866	4.943057334	3.221830688	8.594335036
ENSMUSG00000021260	9.904325918	1.391234488	10.59226572	4.02728836	3.580972932
ENSMUSG00000021265	23.34591109	24.34660353	24.00913562	31.41284921	20.769643
ENSMUSG00000021271	9.196874066	9.738641413	10.59226572	15.30369577	18.62105924
ENSMUSG00000021278	8.489422215	6.956172438	9.886114669	8.054576721	7.161945863
ENSMUSG00000021279	10.61177777	13.21672763	14.829172	21.74735715	19.33725383
ENSMUSG00000021280	4.952162959	4.869320706	6.35535943	5.638203705	7.87814045
ENSMUSG00000021286	19.10119998	20.86851731	22.59683353	33.02376456	27.93158887
ENSMUSG00000021290	79.94205919	86.25653823	96.74269354	123.2350238	107.429188
ENSMUSG00000021294	7.781970364	0	7.767661525	3.221830688	2.148583759
ENSMUSG00000021298	81.3569629	123.1242521	91.09348516	240.831844	156.1304198
ENSMUSG00000021301	9.196874066	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000021311	26.1757185	38.25894841	27.53989086	53.16020636	47.2688427
ENSMUSG00000021319	10.61177777	2.782468975	9.886114669	2.416373016	7.87814045
ENSMUSG00000021322	9.196874066	5.56493795	8.473812573	4.832746033	4.297167518
ENSMUSG00000021337	8.489422215	6.260555194	2.118453143	4.02728836	4.297167518
ENSMUSG00000021339	60.13340736	82.77845201	78.3827663	76.51847885	52.99839939
ENSMUSG00000021347	3.537259256	3.478086219	5.649208382	6.443661377	3.580972932
ENSMUSG00000021348	13.44158517	9.738641413	8.473812573	3.221830688	10.7429188
ENSMUSG00000021361	34.66514071	83.47406925	72.02740687	86.98942859	69.47087488
ENSMUSG00000021362	9.904325918	6.260555194	8.473812573	3.221830688	7.161945863
ENSMUSG00000021366	24.05336294	46.60635533	37.42600553	68.46390213	58.72795608
ENSMUSG00000021367	2.829807405	6.956172438	11.29841676	8.054576721	6.445751277
ENSMUSG00000021371	37.49494812	63.99678643	54.37363068	53.16020636	56.57937232
ENSMUSG00000021379	8.489422215	8.347406925	7.767661525	4.02728836	5.729556691
ENSMUSG00000021381	8.489422215	5.56493795	7.061510478	7.249119049	4.297167518
ENSMUSG00000021390	10.61177777	13.21672763	12.71071886	5.638203705	7.161945863
ENSMUSG00000021392	24.76081479	52.86691053	46.60596915	68.46390213	61.59273443
ENSMUSG00000021396	6.367066661	9.738641413	7.061510478	6.443661377	7.161945863
ENSMUSG00000021400	36.78749627	67.47487265	67.08434954	71.68573282	78.7814045
ENSMUSG00000021403	12.02668147	4.173703463	4.236906287	9.665492065	10.7429188
ENSMUSG00000021413	97.62835547	127.2979556	110.8657145	207.8080794	161.1437819
ENSMUSG00000021414	12.73413332	11.1298759	6.35535943	8.054576721	6.445751277
ENSMUSG00000021423	118.1444592	149.5577074	129.9317928	201.364418	152.5494469
ENSMUSG00000021428	81.3569629	137.7322143	134.8748501	177.2006879	139.6579443
ENSMUSG00000021439	12.73413332	7.651789682	8.473812573	3.221830688	9.310529622
ENSMUSG00000021440	9.904325918	12.52111039	7.767661525	4.832746033	2.864778345
ENSMUSG00000021441	7.781970364	8.347406925	9.886114669	11.27640741	3.580972932
ENSMUSG00000021453	23.34591109	33.3896277	41.66291182	116.7913625	98.11865833
ENSMUSG00000021456	5.65961481	11.1298759	2.824604191	4.02728836	5.013362104

ENSMUSG00000021468	42.44711108	54.95376226	60.02283906	75.71302118	72.33565322
ENSMUSG00000021469	5.65961481	2.782468975	4.236906287	8.054576721	2.148583759
ENSMUSG00000021474	29.0055259	34.78086219	29.65834401	84.57305557	73.05184781
ENSMUSG00000021476	10.61177777	20.17290007	15.53532305	8.054576721	17.18867007
ENSMUSG00000021477	7.074518513	5.56493795	6.35535943	7.249119049	5.013362104
ENSMUSG00000021478	6.367066661	3.478086219	6.35535943	4.832746033	5.013362104
ENSMUSG00000021483	6.367066661	7.651789682	7.767661525	9.665492065	2.864778345
ENSMUSG00000021484	125.9264295	161.3832006	152.5286263	242.4427593	176.9000628
ENSMUSG00000021486	86.30912585	126.6023384	96.0365425	199.7535027	128.198831
ENSMUSG00000021488	7.074518513	7.651789682	12.71071886	7.249119049	10.02672421
ENSMUSG00000021494	57.30359995	72.34419335	76.97046421	101.4876667	84.51096119
ENSMUSG00000021495	84.89422215	104.3425866	107.3349593	74.9075635	71.61945863
ENSMUSG00000021501	35.37259256	61.9099347	41.66291182	52.35474869	44.40406435
ENSMUSG00000021506	9.904325918	8.347406925	7.061510478	1.610915344	4.297167518
ENSMUSG00000021509	6.367066661	5.56493795	3.530755239	2.416373016	5.013362104
ENSMUSG00000021518	68.62282957	116.1680797	93.21193831	110.3477011	94.5376854
ENSMUSG00000021520	40.32475552	57.04061399	40.95676077	91.82217462	70.90326405
ENSMUSG00000021534	14.85648888	6.956172438	4.943057334	7.249119049	7.161945863
ENSMUSG00000021536	5.65961481	6.956172438	4.943057334	3.221830688	4.297167518
ENSMUSG00000021537	20.51610369	35.47647943	33.18909925	33.82922223	41.53928601
ENSMUSG00000021538	9.196874066	9.043024169	4.236906287	4.832746033	6.445751277
ENSMUSG00000021539	7.074518513	4.869320706	9.179963621	4.832746033	3.580972932
ENSMUSG00000021545	8.489422215	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000021550	12.73413332	26.43345526	16.94762515	20.94189947	17.90486466
ENSMUSG00000021552	9.196874066	8.347406925	9.179963621	4.832746033	7.87814045
ENSMUSG00000021572	12.73413332	20.86851731	22.59683353	16.91461111	16.47247549
ENSMUSG00000021576	19.80865184	38.25894841	28.24604191	49.132918	42.25548059
ENSMUSG00000021579	9.196874066	8.347406925	16.94762515	11.27640741	8.594335036
ENSMUSG00000021583	29.71297775	42.43265187	33.18909925	50.74383334	46.55264811
ENSMUSG00000021585	46.69182218	67.47487265	52.96132858	22.55281482	32.22875639
ENSMUSG00000021587	12.02668147	7.651789682	5.649208382	4.02728836	7.161945863
ENSMUSG00000021590	10.61177777	9.043024169	7.061510478	4.02728836	3.580972932
ENSMUSG00000021591	23.34591109	28.52030699	36.01370344	56.38203705	49.41742646
ENSMUSG00000021598	37.49494812	73.73542784	72.73355792	96.65492065	76.63282074
ENSMUSG00000021600	12.73413332	9.043024169	14.12302096	1.610915344	9.310529622
ENSMUSG00000021606	39.61730367	67.47487265	64.96589639	70.07481747	75.20043157
ENSMUSG00000021607	26.88317035	39.6501829	40.95676077	42.68925662	49.41742646
ENSMUSG00000021609	7.074518513	6.260555194	7.767661525	6.443661377	7.161945863
ENSMUSG00000021610	33.25023701	44.5195036	52.25517753	111.1531587	103.848215
ENSMUSG00000021611	9.904325918	8.347406925	4.236906287	6.443661377	5.013362104
ENSMUSG00000021613	7.781970364	9.043024169	15.53532305	5.638203705	7.161945863
ENSMUSG00000021619	7.074518513	16.69481385	12.71071886	15.30369577	7.161945863
ENSMUSG00000021620	9.196874066	9.738641413	7.061510478	8.054576721	5.729556691

ENSMUSG00000021622	9.904325918	9.043024169	8.473812573	6.443661377	8.594335036
ENSMUSG00000021624	151.3946962	139.819066	144.7609648	246.4700477	175.4676737
ENSMUSG00000021640	12.73413332	7.651789682	8.473812573	5.638203705	5.013362104
ENSMUSG00000021646	12.02668147	17.39043109	16.94762515	8.054576721	17.18867007
ENSMUSG00000021647	8.489422215	6.956172438	12.71071886	2.416373016	5.729556691
ENSMUSG00000021650	54.47379255	92.51709342	86.85657888	123.2350238	117.4559122
ENSMUSG00000021665	45.98437033	59.12746572	64.25974535	39.46742593	40.82309142
ENSMUSG00000021671	42.44711108	59.82308296	58.61053696	91.01671695	83.7947666
ENSMUSG00000021675	7.074518513	8.347406925	8.473812573	8.054576721	4.297167518
ENSMUSG00000021676	4.952162959	5.56493795	9.179963621	6.443661377	6.445751277
ENSMUSG00000021678	9.196874066	15.30357936	12.00456781	12.08186508	11.45911338
ENSMUSG00000021680	4.952162959	4.869320706	7.767661525	4.02728836	4.297167518
ENSMUSG00000021681	94.09109622	134.254128	143.3486627	176.3952302	136.0769714
ENSMUSG00000021686	43.15456293	93.90832791	67.79050059	86.18397091	75.20043157
ENSMUSG00000021692	38.20239997	51.47567604	53.66747963	112.7640741	84.51096119
ENSMUSG00000021696	4.244711108	7.651789682	8.473812573	3.221830688	3.580972932
ENSMUSG00000021701	8.489422215	6.260555194	10.59226572	5.638203705	9.310529622
ENSMUSG00000021702	5.65961481	9.043024169	2.824604191	3.221830688	5.013362104
ENSMUSG00000021703	63.67066661	75.82227957	68.49665163	33.02376456	31.5125618
ENSMUSG00000021707	32.54278516	45.91073809	34.60140134	57.99295239	55.86317773
ENSMUSG00000021713	54.47379255	82.77845201	59.31668801	137.7332619	118.8883013
ENSMUSG00000021718	5.65961481	10.43425866	6.35535943	8.054576721	8.594335036
ENSMUSG00000021719	8.489422215	4.173703463	5.649208382	3.221830688	5.013362104
ENSMUSG00000021721	9.904325918	7.651789682	9.886114669	4.832746033	5.729556691
ENSMUSG00000021725	16.97884443	22.95536904	29.65834401	24.16373016	25.06681052
ENSMUSG00000021728	7.074518513	9.738641413	5.649208382	17.72006879	9.310529622
ENSMUSG00000021730	5.65961481	8.347406925	7.061510478	4.02728836	5.013362104
ENSMUSG00000021737	35.37259256	57.04061399	42.36906287	84.57305557	71.61945863
ENSMUSG00000021738	22.63845924	34.08524495	32.4829482	28.9964762	38.67450766
ENSMUSG00000021743	6.367066661	6.260555194	9.179963621	6.443661377	4.297167518
ENSMUSG00000021748	22.63845924	31.99839321	30.36449505	77.32393652	50.84981563
ENSMUSG00000021749	6.367066661	6.956172438	7.061510478	1.610915344	7.87814045
ENSMUSG00000021760	9.196874066	11.82549314	9.886114669	7.249119049	6.445751277
ENSMUSG00000021764	75.69734809	119.6461659	98.15499564	103.9040397	78.06520991
ENSMUSG00000021765	5.65961481	5.56493795	6.35535943	4.832746033	4.297167518
ENSMUSG00000021785	35.37259256	77.9091313	69.20280268	57.99295239	50.13362104
ENSMUSG00000021791	14.85648888	8.347406925	8.473812573	8.054576721	9.310529622
ENSMUSG00000021797	8.489422215	8.347406925	7.767661525	7.249119049	7.161945863
ENSMUSG00000021799	11.31922962	5.56493795	4.236906287	4.02728836	4.297167518
ENSMUSG00000021804	7.074518513	0.695617244	4.236906287	10.47094974	9.310529622
ENSMUSG00000021806	6.367066661	9.738641413	7.061510478	10.47094974	10.02672421
ENSMUSG00000021807	37.49494812	70.95295887	55.78593277	88.60034393	93.82149081
ENSMUSG00000021810	57.30359995	117.5593142	106.6288082	123.2350238	106.7129934

ENSMUSG00000021811	106.1177777	132.1672763	120.7518292	188.4770953	131.7798039
ENSMUSG00000021815	10.61177777	10.43425866	9.886114669	11.27640741	15.7562809
ENSMUSG00000021822	7.074518513	2.782468975	7.767661525	5.638203705	10.02672421
ENSMUSG00000021831	20.51610369	23.65098629	24.71528667	86.18397091	69.47087488
ENSMUSG00000021832	56.5961481	71.64857611	46.60596915	135.3168889	90.24051788
ENSMUSG00000021846	7.074518513	4.869320706	6.35535943	5.638203705	5.013362104
ENSMUSG00000021868	24.76081479	30.60715873	31.77679715	70.88027514	63.0251236
ENSMUSG00000021872	11.31922962	7.651789682	5.649208382	4.832746033	7.161945863
ENSMUSG00000021880	55.1812444	88.34338996	76.26431316	71.68573282	56.57937232
ENSMUSG00000021886	9.904325918	20.86851731	22.59683353	41.88379895	25.78300511
ENSMUSG00000021890	136.5382073	185.0341868	166.6516473	260.9682858	212.7097921
ENSMUSG00000021891	124.5115258	190.5991248	154.6470795	229.5554365	184.0620087
ENSMUSG00000021902	45.98437033	65.38802092	60.72899011	132.9005159	95.25387998
ENSMUSG00000021904	9.904325918	4.173703463	9.886114669	8.054576721	7.161945863
ENSMUSG00000021913	4.244711108	2.086851731	4.236906287	5.638203705	7.161945863
ENSMUSG00000021918	9.196874066	6.956172438	9.179963621	10.47094974	8.594335036
ENSMUSG00000021919	3.537259256	2.086851731	1.412302096	1.610915344	2.864778345
ENSMUSG00000021928	9.904325918	16.69481385	19.06607829	14.4982381	12.89150255
ENSMUSG00000021929	36.08004441	64.69240367	55.07978173	111.9586164	92.38910164
ENSMUSG00000021939	33.95768886	38.95456565	40.95676077	31.41284921	37.24211849
ENSMUSG00000021940	12.02668147	2.782468975	7.061510478	6.443661377	9.310529622
ENSMUSG00000021943	8.489422215	1.391234488	8.473812573	0.805457672	11.45911338
ENSMUSG00000021945	60.84085921	91.82147618	94.6242404	122.4295662	106.7129934
ENSMUSG00000021951	9.196874066	22.2597518	10.59226572	17.72006879	10.7429188
ENSMUSG00000021957	55.88869625	67.47487265	64.25974535	190.8934683	138.2255552
ENSMUSG00000021958	29.0055259	43.82388636	39.54445867	78.12939419	73.76804239
ENSMUSG00000021961	3.537259256	4.173703463	7.767661525	4.832746033	7.87814045
ENSMUSG00000021962	41.03220737	95.99517964	91.09348516	111.9586164	97.40246374
ENSMUSG00000021965	50.22908144	86.25653823	63.5535943	161.8969921	133.2121931
ENSMUSG00000021966	4.952162959	6.260555194	7.061510478	7.249119049	10.7429188
ENSMUSG00000021967	56.5961481	77.9091313	55.07978173	133.7059736	114.5911338
ENSMUSG00000021969	48.10672589	66.08363816	65.67204744	72.49119049	63.74131818
ENSMUSG00000021973	17.68629628	27.12907251	31.77679715	37.05105292	44.40406435
ENSMUSG00000021975	72.16008883	146.0796212	109.4534124	102.2931244	109.5777717
ENSMUSG00000021978	60.84085921	82.77845201	88.97503202	66.85298678	60.16034525
ENSMUSG00000021986	9.904325918	6.260555194	6.35535943	4.832746033	3.580972932
ENSMUSG00000021987	67.20792587	99.47326586	103.098053	53.96566403	58.01176149
ENSMUSG00000021991	7.074518513	3.478086219	2.824604191	6.443661377	8.594335036
ENSMUSG00000021997	14.85648888	28.52030699	28.24604191	15.30369577	22.91822676
ENSMUSG00000021999	5.65961481	9.043024169	4.943057334	4.02728836	6.445751277
ENSMUSG00000022002	9.904325918	8.347406925	8.473812573	6.443661377	5.013362104
ENSMUSG00000022003	31.83533331	50.7800588	48.01827125	26.58010318	30.79636721
ENSMUSG00000022008	72.16008883	119.6461659	105.9226572	184.4498069	148.968474

ENSMUSG00000022009	74.28244438	125.2111039	110.8657145	179.6170609	164.0085603
ENSMUSG00000022012	7.074518513	4.173703463	5.649208382	4.832746033	7.87814045
ENSMUSG00000022013	25.46826665	50.08444155	36.71985448	23.35827249	35.80972932
ENSMUSG00000022015	2.829807405	3.478086219	3.530755239	5.638203705	2.864778345
ENSMUSG00000022018	4.244711108	7.651789682	6.35535943	7.249119049	10.02672421
ENSMUSG00000022022	12.02668147	17.39043109	14.829172	12.08186508	15.04008631
ENSMUSG00000022023	58.71850365	70.95295887	76.26431316	115.1804471	108.1453825
ENSMUSG00000022024	60.84085921	82.08283477	72.02740687	119.2077355	105.9967988
ENSMUSG00000022026	9.904325918	8.347406925	4.236906287	4.832746033	8.594335036
ENSMUSG00000022031	21.93100739	41.73703463	34.60140134	57.99295239	37.95831308
ENSMUSG00000022033	119.5593629	122.4286349	127.1071886	161.0915344	132.4959985
ENSMUSG00000022035	72.86754068	91.82147618	68.49665163	107.9313281	92.38910164
ENSMUSG00000022039	13.44158517	8.347406925	7.767661525	6.443661377	7.87814045
ENSMUSG00000022040	9.196874066	6.956172438	6.35535943	7.249119049	4.297167518
ENSMUSG00000022048	25.46826665	44.5195036	39.54445867	31.41284921	29.36397804
ENSMUSG00000022052	142.905274	173.2086937	147.585569	244.8591323	195.5211221
ENSMUSG00000022055	8.489422215	8.347406925	8.473812573	1.610915344	11.45911338
ENSMUSG00000022056	12.73413332	4.869320706	6.35535943	2.416373016	5.013362104
ENSMUSG00000022057	9.904325918	6.260555194	7.767661525	4.02728836	5.729556691
ENSMUSG00000022061	9.196874066	9.043024169	6.35535943	6.443661377	7.161945863
ENSMUSG00000022064	33.95768886	56.34499675	47.3121202	136.1223466	98.11865833
ENSMUSG00000022070	62.96321476	78.60474855	74.14586002	192.5043836	146.1036956
ENSMUSG00000022074	6.367066661	5.56493795	8.473812573	26.58010318	18.62105924
ENSMUSG00000022075	39.61730367	52.17129328	38.83830763	110.3477011	91.67290705
ENSMUSG00000022076	5.65961481	6.956172438	10.59226572	5.638203705	10.02672421
ENSMUSG00000022085	10.61177777	3.478086219	4.236906287	4.02728836	5.729556691
ENSMUSG00000022089	39.61730367	71.64857611	64.25974535	77.32393652	73.76804239
ENSMUSG00000022091	8.489422215	11.82549314	9.179963621	8.054576721	7.161945863
ENSMUSG00000022095	29.71297775	57.04061399	67.08434954	33.82922223	53.71459398
ENSMUSG00000022097	9.196874066	6.956172438	6.35535943	11.27640741	5.729556691
ENSMUSG00000022098	5.65961481	8.347406925	10.59226572	5.638203705	8.594335036
ENSMUSG00000022101	7.781970364	5.56493795	4.943057334	4.832746033	6.445751277
ENSMUSG00000022103	12.73413332	7.651789682	10.59226572	4.832746033	8.594335036
ENSMUSG00000022105	38.20239997	62.60555194	44.48751601	49.132918	54.43078856
ENSMUSG00000022108	157.7617628	183.6429524	140.5240585	160.2860767	121.0368851
ENSMUSG00000022109	55.1812444	84.86530374	55.78593277	102.2931244	94.5376854
ENSMUSG00000022111	47.39927403	50.08444155	47.3121202	76.51847885	70.18706946
ENSMUSG00000022113	8.489422215	6.956172438	5.649208382	3.221830688	2.864778345
ENSMUSG00000022114	12.73413332	11.1298759	11.29841676	10.47094974	7.87814045
ENSMUSG00000022120	43.15456293	70.25734162	67.79050059	103.9040397	82.36237743
ENSMUSG00000022123	9.904325918	3.478086219	6.35535943	8.054576721	4.297167518
ENSMUSG00000022125	21.93100739	27.12907251	23.30298458	58.79841006	35.09353473
ENSMUSG00000022126	9.196874066	9.738641413	7.061510478	5.638203705	6.445751277

ENSMUSG00000022129	11.31922962	7.651789682	3.530755239	7.249119049	7.87814045
ENSMUSG00000022130	16.97884443	34.08524495	26.83373982	29.80193387	32.22875639
ENSMUSG00000022131	10.61177777	21.56413456	19.06607829	9.665492065	19.33725383
ENSMUSG00000022136	48.81417774	89.0390072	75.55816211	146.5932963	142.5227227
ENSMUSG00000022141	27.5906222	41.73703463	44.48751601	153.0369577	114.5911338
ENSMUSG00000022142	51.64398514	48.69320706	66.37819849	145.7878386	108.8615771
ENSMUSG00000022144	6.367066661	6.956172438	7.767661525	6.443661377	2.864778345
ENSMUSG00000022155	8.489422215	4.869320706	9.179963621	4.832746033	6.445751277
ENSMUSG00000022156	4.952162959	4.869320706	4.943057334	7.249119049	6.445751277
ENSMUSG00000022157	2.122355554	6.260555194	4.236906287	4.832746033	6.445751277
ENSMUSG00000022174	69.33028142	99.47326586	84.73812573	116.7913625	88.80812871
ENSMUSG00000022175	16.97884443	31.99839321	39.54445867	84.57305557	76.63282074
ENSMUSG00000022177	10.61177777	18.08604834	10.59226572	23.35827249	18.62105924
ENSMUSG00000022179	11.31922962	9.043024169	9.179963621	7.249119049	8.594335036
ENSMUSG00000022180	10.61177777	6.956172438	4.943057334	2.416373016	7.87814045
ENSMUSG00000022184	9.904325918	18.78166558	22.59683353	19.33098413	21.48583759
ENSMUSG00000022193	2.829807405	3.478086219	2.118453143	4.832746033	0.716194586
ENSMUSG00000022195	24.76081479	37.56333116	33.89525029	71.68573282	58.72795608
ENSMUSG00000022200	122.3891703	195.4684455	154.6470795	176.3952302	143.2389173
ENSMUSG00000022203	9.904325918	8.347406925	9.179963621	1.610915344	5.013362104
ENSMUSG00000022204	35.37259256	57.73623123	49.43057334	75.71302118	76.63282074
ENSMUSG00000022206	8.489422215	7.651789682	8.473812573	3.221830688	9.310529622
ENSMUSG00000022210	7.781970364	7.651789682	11.29841676	13.69278043	10.7429188
ENSMUSG00000022211	5.65961481	6.260555194	9.179963621	8.860034393	6.445751277
ENSMUSG00000022215	5.65961481	4.869320706	9.179963621	4.832746033	3.580972932
ENSMUSG00000022219	7.781970364	6.260555194	13.41686991	4.832746033	8.594335036
ENSMUSG00000022223	16.27139258	18.78166558	9.179963621	29.80193387	25.78300511
ENSMUSG00000022225	11.31922962	4.869320706	5.649208382	5.638203705	5.013362104
ENSMUSG00000022226	6.367066661	3.478086219	9.179963621	4.02728836	1.432389173
ENSMUSG00000022227	10.61177777	6.956172438	11.29841676	3.221830688	1.432389173
ENSMUSG00000022229	8.489422215	4.173703463	4.236906287	7.249119049	5.729556691
ENSMUSG00000022231	13.44158517	12.52111039	14.12302096	8.860034393	7.161945863
ENSMUSG00000022236	10.61177777	6.956172438	9.886114669	4.832746033	8.594335036
ENSMUSG00000022240	9.196874066	3.478086219	5.649208382	5.638203705	5.013362104
ENSMUSG00000022241	48.81417774	70.25734162	74.85201106	130.4841429	105.2806042
ENSMUSG00000022244	9.196874066	10.43425866	10.59226572	8.054576721	10.7429188
ENSMUSG00000022257	4.952162959	6.956172438	7.767661525	6.443661377	6.445751277
ENSMUSG00000022261	13.44158517	6.956172438	4.943057334	6.443661377	10.02672421
ENSMUSG00000022262	7.781970364	6.260555194	3.530755239	5.638203705	5.729556691
ENSMUSG00000022263	14.14903703	22.95536904	23.30298458	8.054576721	12.17530797
ENSMUSG00000022265	6.367066661	8.347406925	10.59226572	4.832746033	5.729556691
ENSMUSG00000022280	46.69182218	62.60555194	52.96132858	58.79841006	50.13362104
ENSMUSG00000022288	10.61177777	6.260555194	9.886114669	3.221830688	2.864778345

ENSMUSG00000022295	87.72402956	119.6461659	120.7518292	117.5968201	108.1453825
ENSMUSG00000022299	88.43148141	130.7760418	109.4534124	158.6751614	161.8599765
ENSMUSG00000022300	99.04325918	146.0796212	127.1071886	175.5897725	148.2522794
ENSMUSG00000022303	8.489422215	2.086851731	9.179963621	5.638203705	4.297167518
ENSMUSG00000022306	12.02668147	5.56493795	5.649208382	9.665492065	2.864778345
ENSMUSG00000022309	12.02668147	9.043024169	5.649208382	4.02728836	9.310529622
ENSMUSG00000022314	157.054311	164.1656695	152.5286263	209.4189947	164.0085603
ENSMUSG00000022315	7.074518513	6.260555194	7.061510478	6.443661377	4.297167518
ENSMUSG00000022322	67.91537772	75.12666233	65.67204744	96.65492065	88.80812871
ENSMUSG00000022330	4.244711108	8.347406925	4.236906287	3.221830688	4.297167518
ENSMUSG00000022332	4.952162959	5.56493795	7.767661525	5.638203705	3.580972932
ENSMUSG00000022336	108.2401332	122.4286349	127.1071886	201.364418	159.7113928
ENSMUSG00000022337	42.44711108	73.0398106	65.67204744	43.49471429	61.59273443
ENSMUSG00000022338	31.12788146	66.08363816	54.37363068	121.6241085	76.63282074
ENSMUSG00000022339	22.63845924	40.34580014	30.36449505	35.44013757	33.66114556
ENSMUSG00000022342	9.196874066	9.738641413	12.00456781	6.443661377	5.729556691
ENSMUSG00000022347	9.904325918	5.56493795	3.530755239	4.832746033	7.161945863
ENSMUSG00000022350	95.50599992	124.5154866	136.9933033	120.0131931	100.9834367
ENSMUSG00000022353	112.4848444	130.7760418	134.1686991	74.10210583	80.21379367
ENSMUSG00000022354	75.69734809	116.863697	79.7950684	157.8697037	126.0502472
ENSMUSG00000022357	12.02668147	4.869320706	4.943057334	5.638203705	7.161945863
ENSMUSG00000022358	24.76081479	47.30197258	45.8998181	14.4982381	18.62105924
ENSMUSG00000022359	78.52715549	117.5593142	105.2165061	82.15668255	87.37573953
ENSMUSG00000022360	27.5906222	34.78086219	33.89525029	140.1496349	118.8883013
ENSMUSG00000022365	101.8730666	105.0382038	115.8087718	182.0334339	134.6445822
ENSMUSG00000022367	11.31922962	6.956172438	5.649208382	8.054576721	7.161945863
ENSMUSG00000022375	10.61177777	6.260555194	9.886114669	12.08186508	4.297167518
ENSMUSG00000022376	6.367066661	4.173703463	5.649208382	5.638203705	4.297167518
ENSMUSG00000022400	62.25576291	114.081228	91.79963621	172.3679418	123.9016634
ENSMUSG00000022404	29.71297775	39.6501829	37.42600553	63.6311561	43.68786977
ENSMUSG00000022407	75.69734809	84.1696865	81.91352154	207.8080794	149.6846685
ENSMUSG00000022408	12.02668147	7.651789682	9.179963621	4.02728836	10.02672421
ENSMUSG00000022414	51.64398514	63.99678643	67.79050059	98.265836	67.32229112
ENSMUSG00000022426	38.20239997	53.56252777	47.3121202	93.43308996	75.20043157
ENSMUSG00000022427	54.47379255	56.34499675	69.90895373	101.4876667	93.10529622
ENSMUSG00000022428	14.14903703	34.08524495	14.829172	10.47094974	13.60769714
ENSMUSG00000022431	5.65961481	11.82549314	6.35535943	4.02728836	12.17530797
ENSMUSG00000022432	10.61177777	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG00000022434	28.29807405	36.86771392	28.24604191	37.05105292	38.67450766
ENSMUSG00000022435	9.196874066	5.56493795	4.943057334	9.665492065	6.445751277
ENSMUSG00000022437	50.93653329	73.73542784	56.49208382	124.8459392	84.51096119
ENSMUSG00000022438	4.952162959	5.56493795	5.649208382	6.443661377	8.594335036
ENSMUSG00000022439	86.30912585	90.43024169	93.21193831	85.37851324	88.09193412



ENSMUSG00000022440	4.244711108	4.869320706	8.473812573	4.832746033	7.161945863
ENSMUSG00000022445	9.904325918	2.086851731	7.767661525	4.832746033	6.445751277
ENSMUSG00000022450	86.30912585	133.5585108	107.3349593	118.4022778	116.023523
ENSMUSG00000022453	10.61177777	10.43425866	5.649208382	9.665492065	6.445751277
ENSMUSG00000022455	6.367066661	8.347406925	12.00456781	9.665492065	7.87814045
ENSMUSG00000022462	67.20792587	86.25653823	67.79050059	167.5351958	126.7664418
ENSMUSG00000022463	91.96874066	143.2971522	128.5194907	228.7499789	170.4543116
ENSMUSG00000022466	36.08004441	66.7792554	42.36906287	65.24207144	52.2822048
ENSMUSG00000022476	32.54278516	50.08444155	47.3121202	82.15668255	80.21379367
ENSMUSG00000022484	10.61177777	10.43425866	5.649208382	4.832746033	5.729556691
ENSMUSG00000022485	3.537259256	1.391234488	2.824604191	0	2.864778345
ENSMUSG00000022488	70.03773327	81.38721752	105.2165061	120.8186508	108.1453825
ENSMUSG00000022489	6.367066661	8.347406925	9.179963621	4.832746033	8.594335036
ENSMUSG00000022490	6.367066661	3.478086219	7.767661525	5.638203705	6.445751277
ENSMUSG00000022491	8.489422215	7.651789682	12.00456781	4.02728836	6.445751277
ENSMUSG00000022496	9.904325918	7.651789682	7.061510478	9.665492065	8.594335036
ENSMUSG00000022501	7.074518513	4.173703463	6.35535943	5.638203705	12.89150255
ENSMUSG00000022504	179.6927702	181.5561006	175.8316109	227.1390635	176.1838682
ENSMUSG00000022505	7.781970364	4.173703463	7.767661525	10.47094974	6.445751277
ENSMUSG00000022507	90.55383696	125.2111039	118.633376	202.9753334	166.8733386
ENSMUSG00000022508	38.20239997	74.43104508	58.61053696	48.32746033	63.0251236
ENSMUSG00000022512	7.781970364	4.869320706	6.35535943	4.832746033	7.161945863
ENSMUSG00000022515	47.39927403	77.21351406	93.21193831	87.79488626	85.22715578
ENSMUSG00000022516	20.51610369	32.69401046	31.0706461	40.2728836	37.95831308
ENSMUSG00000022523	5.65961481	8.347406925	7.061510478	7.249119049	7.87814045
ENSMUSG00000022526	16.27139258	41.73703463	28.95219296	34.6346799	22.91822676
ENSMUSG00000022528	18.39374813	27.82468975	24.71528667	14.4982381	17.18867007
ENSMUSG00000022542	8.489422215	11.82549314	5.649208382	4.02728836	8.594335036
ENSMUSG00000022546	9.196874066	6.956172438	9.179963621	8.054576721	9.310529622
ENSMUSG00000022551	43.86201478	59.12746572	52.96132858	124.8459392	100.9834367
ENSMUSG00000022554	29.0055259	43.12826911	40.25060972	97.46037832	78.06520991
ENSMUSG00000022556	157.7617628	205.9027042	204.0776528	277.0774392	230.6146568
ENSMUSG00000022559	29.0055259	40.34580014	40.25060972	53.16020636	47.98503729
ENSMUSG00000022560	16.97884443	41.04141738	36.71985448	55.57657937	45.12025894
ENSMUSG00000022564	5.65961481	6.260555194	4.236906287	3.221830688	2.864778345
ENSMUSG00000022570	20.51610369	18.78166558	17.65377619	24.16373016	13.60769714
ENSMUSG00000022571	19.10119998	24.34660353	23.30298458	35.44013757	42.97167518
ENSMUSG00000022574	7.781970364	13.21672763	7.767661525	5.638203705	12.17530797
ENSMUSG00000022575	9.904325918	11.82549314	21.18453143	18.52552646	20.05344842
ENSMUSG00000022582	12.73413332	7.651789682	6.35535943	8.860034393	8.594335036
ENSMUSG00000022589	7.781970364	6.956172438	5.649208382	8.054576721	9.310529622
ENSMUSG00000022595	7.781970364	9.738641413	9.179963621	4.832746033	7.161945863
ENSMUSG00000022596	5.65961481	11.1298759	12.00456781	9.665492065	10.7429188

ENSMUSG00000022598	7.074518513	5.56493795	7.767661525	7.249119049	7.87814045
ENSMUSG00000022603	3.537259256	2.782468975	9.179963621	4.02728836	4.297167518
ENSMUSG00000022610	11.31922962	18.08604834	12.00456781	10.47094974	17.90486466
ENSMUSG00000022613	8.489422215	8.347406925	8.473812573	6.443661377	7.161945863
ENSMUSG00000022614	79.94205919	111.298759	99.56729774	165.9242805	131.7798039
ENSMUSG00000022615	2.122355554	2.086851731	1.412302096	6.443661377	2.864778345
ENSMUSG00000022619	7.074518513	10.43425866	7.767661525	8.054576721	5.729556691
ENSMUSG00000022622	13.44158517	2.782468975	6.35535943	4.832746033	7.87814045
ENSMUSG00000022634	22.63845924	30.60715873	27.53989086	29.80193387	37.95831308
ENSMUSG00000022635	94.09109622	159.2963488	133.462548	278.6883545	218.4393488
ENSMUSG00000022650	5.65961481	6.956172438	9.886114669	7.249119049	7.161945863
ENSMUSG00000022651	7.074518513	10.43425866	7.061510478	6.443661377	5.013362104
ENSMUSG00000022652	11.31922962	7.651789682	7.767661525	4.02728836	9.310529622
ENSMUSG00000022657	6.367066661	5.56493795	9.886114669	15.30369577	3.580972932
ENSMUSG00000022663	50.22908144	98.08203137	90.38733411	107.9313281	79.49759908
ENSMUSG00000022673	31.83533331	48.69320706	42.36906287	87.79488626	82.36237743
ENSMUSG00000022676	12.73413332	10.43425866	4.236906287	4.02728836	7.87814045
ENSMUSG00000022682	37.49494812	54.25814501	51.54902649	99.87675134	95.97007457
ENSMUSG00000022685	19.80865184	47.30197258	24.71528667	33.82922223	39.39070225
ENSMUSG00000022705	7.074518513	7.651789682	7.061510478	11.27640741	10.02672421
ENSMUSG00000022715	9.196874066	7.651789682	9.886114669	10.47094974	12.17530797
ENSMUSG00000022738	6.367066661	4.173703463	5.649208382	4.832746033	11.45911338
ENSMUSG00000022742	29.71297775	36.17209668	28.24604191	244.8591323	179.0486466
ENSMUSG00000022748	17.68629628	33.3896277	35.30755239	58.79841006	46.55264811
ENSMUSG00000022749	40.32475552	84.1696865	61.43514116	65.24207144	74.48423698
ENSMUSG00000022751	12.73413332	15.30357936	18.35992724	30.60739154	26.49919969
ENSMUSG00000022752	93.38364437	140.5146832	132.756397	220.6954022	174.0352845
ENSMUSG00000022754	9.196874066	2.086851731	7.767661525	7.249119049	10.02672421
ENSMUSG00000022755	10.61177777	5.56493795	8.473812573	3.221830688	4.297167518
ENSMUSG00000022765	124.5115258	158.6007316	159.5901368	135.3168889	120.3206905
ENSMUSG00000022769	14.14903703	16.69481385	15.53532305	105.514955	66.60609653
ENSMUSG00000022780	7.781970364	6.260555194	5.649208382	2.416373016	9.310529622
ENSMUSG00000022781	91.96874066	107.8206728	79.08891735	187.6716376	163.2923657
ENSMUSG00000022798	12.73413332	6.956172438	4.943057334	7.249119049	7.161945863
ENSMUSG00000022799	7.074518513	9.043024169	14.12302096	3.221830688	9.310529622
ENSMUSG00000022802	7.781970364	11.1298759	14.829172	15.30369577	10.7429188
ENSMUSG00000022807	36.08004441	58.43184848	47.3121202	42.68925662	41.53928601
ENSMUSG00000022808	90.55383696	141.9059177	115.1026208	80.54576721	92.38910164
ENSMUSG00000022809	9.904325918	5.56493795	9.886114669	11.27640741	6.445751277
ENSMUSG00000022814	53.7663407	84.86530374	55.78593277	173.1733995	120.3206905
ENSMUSG00000022820	55.1812444	89.73462445	74.85201106	70.07481747	67.32229112
ENSMUSG00000022833	8.489422215	6.956172438	7.767661525	21.74735715	21.48583759
ENSMUSG00000022840	6.367066661	1.391234488	4.236906287	4.02728836	3.580972932

ENSMUSG00000022844	12.73413332	6.956172438	9.886114669	5.638203705	7.87814045
ENSMUSG00000022848	48.10672589	80.69160028	76.26431316	44.30017197	58.01176149
ENSMUSG00000022849	55.88869625	89.0390072	72.73355792	53.16020636	60.16034525
ENSMUSG00000022853	12.73413332	22.95536904	28.95219296	17.72006879	15.04008631
ENSMUSG00000022855	56.5961481	83.47406925	74.85201106	109.5422434	88.09193412
ENSMUSG00000022856	9.904325918	11.1298759	10.59226572	9.665492065	11.45911338
ENSMUSG00000022867	69.33028142	111.298759	86.15042783	130.4841429	110.2939663
ENSMUSG00000022868	11.31922962	4.173703463	4.943057334	2.416373016	2.864778345
ENSMUSG00000022877	7.074518513	5.56493795	9.179963621	3.221830688	3.580972932
ENSMUSG00000022878	9.904325918	11.1298759	7.767661525	9.665492065	10.7429188
ENSMUSG00000022886	9.196874066	5.56493795	4.943057334	4.02728836	5.013362104
ENSMUSG00000022887	8.489422215	8.347406925	8.473812573	11.27640741	6.445751277
ENSMUSG00000022889	16.27139258	29.21592424	30.36449505	66.04752911	45.12025894
ENSMUSG00000022894	6.367066661	3.478086219	7.767661525	6.443661377	5.729556691
ENSMUSG00000022899	5.65961481	7.651789682	8.473812573	7.249119049	6.445751277
ENSMUSG00000022902	10.61177777	11.82549314	6.35535943	4.832746033	8.594335036
ENSMUSG00000022912	7.781970364	3.478086219	9.179963621	8.054576721	7.161945863
ENSMUSG00000022931	7.074518513	9.043024169	7.061510478	4.832746033	5.013362104
ENSMUSG00000022938	7.781970364	5.56493795	6.35535943	8.054576721	7.87814045
ENSMUSG00000022941	8.489422215	10.43425866	11.29841676	8.054576721	3.580972932
ENSMUSG00000022946	12.73413332	27.82468975	27.53989086	9.665492065	15.04008631
ENSMUSG00000022947	7.781970364	10.43425866	9.179963621	4.02728836	7.161945863
ENSMUSG00000022949	4.244711108	6.260555194	9.179963621	7.249119049	5.729556691
ENSMUSG00000022965	115.3146518	151.6445591	115.1026208	310.9066614	234.1956297
ENSMUSG00000022972	9.196874066	12.52111039	12.71071886	17.72006879	17.18867007
ENSMUSG00000022982	43.86201478	84.1696865	60.72899011	105.514955	103.1320204
ENSMUSG00000022986	6.367066661	3.478086219	7.767661525	2.416373016	7.161945863
ENSMUSG00000022991	9.196874066	6.956172438	5.649208382	8.860034393	8.594335036
ENSMUSG00000022993	7.074518513	8.347406925	12.00456781	14.4982381	10.02672421
ENSMUSG00000022994	9.196874066	9.043024169	5.649208382	9.665492065	7.87814045
ENSMUSG00000022997	6.367066661	5.56493795	4.943057334	5.638203705	5.729556691
ENSMUSG00000023000	7.074518513	10.43425866	5.649208382	6.443661377	6.445751277
ENSMUSG00000023004	22.63845924	19.47728283	21.18453143	242.4427593	179.0486466
ENSMUSG00000023011	10.61177777	4.869320706	4.236906287	8.860034393	5.729556691
ENSMUSG00000023013	6.367066661	9.738641413	7.767661525	4.02728836	6.445751277
ENSMUSG00000023017	17.68629628	11.1298759	9.179963621	3.221830688	11.45911338
ENSMUSG00000023018	24.76081479	29.91154148	24.00913562	41.88379895	42.97167518
ENSMUSG00000023020	21.22355554	27.82468975	28.95219296	41.88379895	47.98503729
ENSMUSG00000023031	4.952162959	5.56493795	9.886114669	9.665492065	9.310529622
ENSMUSG00000023034	12.02668147	22.95536904	21.18453143	25.77464551	21.48583759
ENSMUSG00000023036	7.781970364	4.869320706	5.649208382	4.832746033	0.716194586
ENSMUSG00000023041	12.73413332	6.260555194	8.473812573	11.27640741	2.864778345
ENSMUSG00000023043	8.489422215	7.651789682	3.530755239	3.221830688	9.310529622

ENSMUSG00000023044	15.56394073	13.91234488	12.71071886	14.4982381	8.594335036
ENSMUSG00000023046	8.489422215	11.82549314	7.061510478	6.443661377	4.297167518
ENSMUSG00000023050	7.781970364	6.956172438	10.59226572	11.27640741	11.45911338
ENSMUSG00000023052	12.73413332	18.78166558	16.94762515	16.10915344	20.769643
ENSMUSG00000023055	16.27139258	28.52030699	24.00913562	11.27640741	11.45911338
ENSMUSG00000023057	7.074518513	4.869320706	12.00456781	6.443661377	9.310529622
ENSMUSG00000023064	9.904325918	6.956172438	7.061510478	3.221830688	4.297167518
ENSMUSG00000023066	0	0	1.412302096	0.805457672	0
ENSMUSG00000023070	6.367066661	4.173703463	6.35535943	6.443661377	2.148583759
ENSMUSG00000023073	14.14903703	8.347406925	11.29841676	1.610915344	7.87814045
ENSMUSG00000023075	97.62835547	119.6461659	88.97503202	155.4533307	136.0769714
ENSMUSG00000023078	9.904325918	11.1298759	9.179963621	3.221830688	2.864778345
ENSMUSG00000023083	6.367066661	5.56493795	7.061510478	9.665492065	10.7429188
ENSMUSG00000023104	27.5906222	40.34580014	36.71985448	121.6241085	93.82149081
ENSMUSG00000023120	14.14903703	4.869320706	9.886114669	5.638203705	6.445751277
ENSMUSG00000023122	12.02668147	6.260555194	7.767661525	8.054576721	6.445751277
ENSMUSG00000023132	9.196874066	6.260555194	4.943057334	6.443661377	8.594335036
ENSMUSG00000023140	7.781970364	10.43425866	8.473812573	3.221830688	5.013362104
ENSMUSG00000023151	10.61177777	4.173703463	13.41686991	5.638203705	7.161945863
ENSMUSG00000023153	9.904325918	5.56493795	3.530755239	7.249119049	7.87814045
ENSMUSG00000023156	43.15456293	66.7792554	62.84744325	107.9313281	92.38910164
ENSMUSG00000023159	4.244711108	9.738641413	7.061510478	4.832746033	7.87814045
ENSMUSG00000023176	3.537259256	6.956172438	2.824604191	11.27640741	8.594335036
ENSMUSG00000023185	4.952162959	8.347406925	9.886114669	1.610915344	10.02672421
ENSMUSG00000023191	6.367066661	6.956172438	6.35535943	7.249119049	5.729556691
ENSMUSG00000023210	7.781970364	6.260555194	7.061510478	7.249119049	7.161945863
ENSMUSG00000023236	13.44158517	12.52111039	5.649208382	11.27640741	10.02672421
ENSMUSG00000023243	50.93653329	95.99517964	90.38733411	76.51847885	73.76804239
ENSMUSG00000023247	3.537259256	7.651789682	6.35535943	6.443661377	4.297167518
ENSMUSG00000023257	5.65961481	3.478086219	2.118453143	4.02728836	2.864778345
ENSMUSG00000023263	7.781970364	7.651789682	4.236906287	10.47094974	7.87814045
ENSMUSG00000023272	31.12788146	42.43265187	45.8998181	103.9040397	75.91662615
ENSMUSG00000023279	8.489422215	2.086851731	2.824604191	3.221830688	1.432389173
ENSMUSG00000023333	8.489422215	6.956172438	5.649208382	4.02728836	5.013362104
ENSMUSG00000023336	8.489422215	4.869320706	5.649208382	6.443661377	5.729556691
ENSMUSG00000023350	12.02668147	11.1298759	9.886114669	4.02728836	5.013362104
ENSMUSG00000023391	3.537259256	3.478086219	7.061510478	5.638203705	4.297167518
ENSMUSG00000023433	9.904325918	4.173703463	7.061510478	8.054576721	7.161945863
ENSMUSG00000023571	12.02668147	9.738641413	12.71071886	17.72006879	12.17530797
ENSMUSG00000023755	9.904325918	4.869320706	13.41686991	28.19101852	20.05344842
ENSMUSG00000023781	6.367066661	4.869320706	4.236906287	6.443661377	7.161945863
ENSMUSG00000023802	7.781970364	7.651789682	5.649208382	2.416373016	6.445751277
ENSMUSG00000023806	9.904325918	12.52111039	18.35992724	25.77464551	16.47247549

ENSMUSG00000023809	8.489422215	8.347406925	8.473812573	4.832746033	6.445751277
ENSMUSG00000023827	12.73413332	24.34660353	25.42143772	36.24559524	30.08017263
ENSMUSG00000023828	10.61177777	5.56493795	7.061510478	5.638203705	6.445751277
ENSMUSG00000023829	6.367066661	9.043024169	7.061510478	7.249119049	6.445751277
ENSMUSG00000023845	126.6338814	168.339373	133.462548	278.6883545	217.7231542
ENSMUSG00000023885	8.489422215	4.869320706	7.767661525	9.665492065	6.445751277
ENSMUSG00000023886	11.31922962	6.260555194	3.530755239	1.610915344	6.445751277
ENSMUSG00000023892	26.1757185	56.34499675	51.54902649	44.30017197	46.55264811
ENSMUSG00000023903	5.65961481	8.347406925	7.061510478	8.860034393	5.729556691
ENSMUSG00000023906	6.367066661	9.738641413	7.767661525	7.249119049	10.7429188
ENSMUSG00000023908	15.56394073	11.82549314	16.94762515	32.21830688	23.63442135
ENSMUSG00000023909	7.074518513	4.869320706	5.649208382	5.638203705	7.161945863
ENSMUSG00000023912	24.05336294	33.3896277	33.89525029	10.47094974	12.89150255
ENSMUSG00000023915	11.31922962	16.69481385	11.29841676	8.054576721	7.161945863
ENSMUSG00000023919	19.10119998	20.17290007	38.13215658	41.07834128	43.68786977
ENSMUSG00000023921	15.56394073	35.47647943	28.95219296	45.10562964	37.24211849
ENSMUSG00000023926	11.31922962	7.651789682	9.179963621	10.47094974	2.148583759
ENSMUSG00000023931	11.31922962	13.21672763	6.35535943	7.249119049	7.161945863
ENSMUSG00000023932	95.50599992	101.5601176	102.3919019	156.2587884	147.5360848
ENSMUSG00000023935	11.31922962	8.347406925	4.236906287	10.47094974	12.89150255
ENSMUSG00000023938	9.196874066	11.82549314	12.71071886	9.665492065	12.89150255
ENSMUSG00000023939	36.08004441	71.64857611	54.37363068	77.32393652	79.49759908
ENSMUSG00000023943	7.074518513	9.043024169	9.179963621	4.832746033	10.02672421
ENSMUSG00000023945	12.73413332	4.869320706	14.12302096	5.638203705	4.297167518
ENSMUSG00000023947	75.69734809	82.77845201	94.6242404	286.7429313	204.1154571
ENSMUSG00000023949	9.904325918	6.260555194	7.767661525	4.832746033	8.594335036
ENSMUSG00000023953	82.7718666	116.863697	110.8657145	215.0571984	189.0753708
ENSMUSG00000023959	7.781970364	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG00000023963	21.93100739	39.6501829	33.89525029	14.4982381	18.62105924
ENSMUSG00000023966	16.27139258	31.30277597	25.42143772	19.33098413	16.47247549
ENSMUSG00000023967	55.1812444	106.4294383	69.90895373	74.9075635	62.30892901
ENSMUSG00000023971	45.27691848	89.0390072	62.84744325	117.5968201	113.8749392
ENSMUSG00000023972	5.65961481	10.43425866	10.59226572	3.221830688	7.87814045
ENSMUSG00000023978	7.074518513	6.260555194	7.061510478	6.443661377	7.87814045
ENSMUSG00000023980	70.74518513	108.51629	94.6242404	82.15668255	70.90326405
ENSMUSG00000023982	10.61177777	9.738641413	9.179963621	13.69278043	12.17530797
ENSMUSG00000023988	113.8997481	165.556904	146.8794179	288.3538466	242.0737702
ENSMUSG00000023993	10.61177777	6.956172438	9.886114669	6.443661377	4.297167518
ENSMUSG00000024014	56.5961481	65.38802092	83.32582364	314.9339498	229.1822676
ENSMUSG00000024027	7.074518513	5.56493795	9.179963621	4.02728836	7.161945863
ENSMUSG00000024028	9.904325918	8.347406925	10.59226572	5.638203705	7.161945863
ENSMUSG00000024029	6.367066661	7.651789682	4.236906287	8.054576721	7.161945863
ENSMUSG00000024030	8.489422215	12.52111039	10.59226572	2.416373016	7.87814045

ENSMUSG00000024032	7.074518513	1.391234488	8.473812573	8.054576721	3.580972932
ENSMUSG00000024033	7.074518513	9.043024169	7.767661525	5.638203705	5.729556691
ENSMUSG00000024041	7.781970364	4.869320706	7.061510478	8.054576721	9.310529622
ENSMUSG00000024042	80.64951104	84.86530374	103.098053	316.5448651	233.4794351
ENSMUSG00000024045	147.1499851	153.7314109	165.2393452	272.2446932	198.3859004
ENSMUSG00000024056	40.32475552	70.95295887	51.54902649	81.35122488	68.0384857
ENSMUSG00000024059	11.31922962	6.956172438	7.061510478	4.02728836	6.445751277
ENSMUSG00000024065	12.73413332	15.99919661	16.2414741	13.69278043	14.32389173
ENSMUSG00000024066	6.367066661	5.56493795	9.179963621	10.47094974	9.310529622
ENSMUSG00000024068	43.86201478	75.12666233	48.01827125	75.71302118	59.44415067
ENSMUSG00000024072	48.10672589	68.17048989	69.90895373	61.21478308	61.59273443
ENSMUSG00000024074	8.489422215	14.60796212	12.00456781	9.665492065	12.89150255
ENSMUSG00000024076	14.14903703	11.1298759	6.35535943	7.249119049	8.594335036
ENSMUSG00000024078	15.56394073	27.12907251	21.89068248	35.44013757	37.95831308
ENSMUSG00000024079	26.1757185	40.34580014	39.54445867	128.8732275	70.18706946
ENSMUSG00000024081	50.93653329	72.34419335	57.90438592	142.566008	114.5911338
ENSMUSG00000024082	47.39927403	74.43104508	70.61510478	124.0404815	85.22715578
ENSMUSG00000024084	9.904325918	5.56493795	9.886114669	4.832746033	7.87814045
ENSMUSG00000024087	4.952162959	5.56493795	9.179963621	5.638203705	8.594335036
ENSMUSG00000024088	8.489422215	8.347406925	8.473812573	8.860034393	7.87814045
ENSMUSG00000024091	69.33028142	109.9075245	80.50121945	159.4806191	151.8332523
ENSMUSG00000024098	32.54278516	41.04141738	36.71985448	79.74030954	74.48423698
ENSMUSG00000024105	7.074518513	13.91234488	7.767661525	6.443661377	6.445751277
ENSMUSG00000024107	8.489422215	8.347406925	5.649208382	10.47094974	7.87814045
ENSMUSG00000024116	7.781970364	6.956172438	3.530755239	5.638203705	5.729556691
ENSMUSG00000024124	6.367066661	6.260555194	5.649208382	1.610915344	7.161945863
ENSMUSG00000024125	5.65961481	1.391234488	7.061510478	4.832746033	10.02672421
ENSMUSG00000024131	7.074518513	12.52111039	10.59226572	9.665492065	7.161945863
ENSMUSG00000024132	33.25023701	52.86691053	36.71985448	57.99295239	46.55264811
ENSMUSG00000024135	24.76081479	42.43265187	42.36906287	45.10562964	50.84981563
ENSMUSG00000024137	38.90985182	57.73623123	50.84287544	87.79488626	73.05184781
ENSMUSG00000024140	2.829807405	9.043024169	6.35535943	1.610915344	5.729556691
ENSMUSG00000024145	61.54831106	99.47326586	86.15042783	77.32393652	66.60609653
ENSMUSG00000024146	59.42595551	103.6469693	81.20737049	86.18397091	85.22715578
ENSMUSG00000024155	4.244711108	9.738641413	9.886114669	4.02728836	7.87814045
ENSMUSG00000024165	36.08004441	52.86691053	51.54902649	97.46037832	77.34901533
ENSMUSG00000024168	9.196874066	13.21672763	12.71071886	6.443661377	12.17530797
ENSMUSG00000024171	5.65961481	2.782468975	6.35535943	7.249119049	3.580972932
ENSMUSG00000024174	14.14903703	22.95536904	16.94762515	17.72006879	15.04008631
ENSMUSG00000024175	9.904325918	6.956172438	10.59226572	2.416373016	8.594335036
ENSMUSG00000024177	7.781970364	9.043024169	4.943057334	5.638203705	6.445751277
ENSMUSG00000024181	43.86201478	59.12746572	69.90895373	72.49119049	64.45751277
ENSMUSG00000024190	15.56394073	15.30357936	14.12302096	16.10915344	18.62105924

ENSMUSG00000024193	11.31922962	15.99919661	19.77222934	5.638203705	12.89150255
ENSMUSG00000024197	9.904325918	12.52111039	12.71071886	11.27640741	19.33725383
ENSMUSG00000024207	9.904325918	6.956172438	8.473812573	5.638203705	7.161945863
ENSMUSG00000024209	7.074518513	3.478086219	8.473812573	2.416373016	12.89150255
ENSMUSG00000024210	7.074518513	3.478086219	7.767661525	9.665492065	6.445751277
ENSMUSG00000024212	58.71850365	64.69240367	69.90895373	107.1258704	75.20043157
ENSMUSG00000024217	30.4204296	61.21431745	43.78136496	86.98942859	68.75468029
ENSMUSG00000024223	8.489422215	6.260555194	8.473812573	1.610915344	6.445751277
ENSMUSG00000024224	11.31922962	5.56493795	11.29841676	3.221830688	9.310529622
ENSMUSG00000024225	2.829807405	2.782468975	3.530755239	4.832746033	1.432389173
ENSMUSG00000024232	4.244711108	6.956172438	7.061510478	8.054576721	14.32389173
ENSMUSG00000024234	90.55383696	116.863697	108.7472614	201.364418	158.2790036
ENSMUSG00000024241	41.03220737	68.86610713	58.61053696	85.37851324	98.11865833
ENSMUSG00000024245	10.61177777	11.1298759	8.473812573	1.610915344	2.864778345
ENSMUSG00000024246	17.68629628	29.21592424	24.00913562	20.94189947	20.05344842
ENSMUSG00000024251	26.1757185	47.99758982	40.95676077	71.68573282	54.43078856
ENSMUSG00000024253	6.367066661	3.478086219	3.530755239	2.416373016	7.87814045
ENSMUSG00000024256	6.367066661	6.956172438	8.473812573	4.02728836	6.445751277
ENSMUSG00000024258	72.16008883	99.47326586	85.44427678	174.7843148	133.2121931
ENSMUSG00000024259	38.20239997	47.30197258	48.01827125	58.79841006	54.43078856
ENSMUSG00000024261	11.31922962	9.043024169	7.061510478	1.610915344	10.7429188
ENSMUSG00000024266	9.196874066	3.478086219	4.943057334	3.221830688	7.87814045
ENSMUSG00000024271	31.12788146	47.99758982	45.19366706	111.9586164	85.94335036
ENSMUSG00000024273	12.02668147	21.56413456	18.35992724	31.41284921	22.91822676
ENSMUSG00000024276	24.05336294	36.86771392	38.83830763	91.82217462	97.40246374
ENSMUSG00000024286	50.22908144	75.82227957	76.26431316	95.04400531	75.91662615
ENSMUSG00000024287	17.68629628	25.73783802	24.71528667	45.10562964	50.84981563
ENSMUSG00000024290	80.64951104	127.2979556	93.91808935	183.6443492	123.1854689
ENSMUSG00000024301	33.25023701	35.47647943	33.18909925	88.60034393	65.88990194
ENSMUSG00000024312	60.84085921	79.99598303	80.50121945	128.8732275	103.1320204
ENSMUSG00000024313	4.952162959	6.260555194	8.473812573	6.443661377	9.310529622
ENSMUSG00000024325	0.707451851	3.478086219	4.236906287	2.416373016	2.148583759
ENSMUSG00000024334	123.804074	149.5577074	128.5194907	92.62763229	99.5510475
ENSMUSG00000024346	41.03220737	58.43184848	51.54902649	68.46390213	48.70123187
ENSMUSG00000024349	25.46826665	31.99839321	38.13215658	108.7367857	77.34901533
ENSMUSG00000024350	29.0055259	54.95376226	35.30755239	26.58010318	32.22875639
ENSMUSG00000024353	39.61730367	66.08363816	53.66747963	212.6408254	151.8332523
ENSMUSG00000024357	7.781970364	20.86851731	14.12302096	28.9964762	25.78300511
ENSMUSG00000024359	75.69734809	102.9513521	108.7472614	268.2174048	199.8182896
ENSMUSG00000024360	129.4636888	182.2517179	170.1824025	424.4761932	290.0588075
ENSMUSG00000024365	6.367066661	7.651789682	7.061510478	12.88732275	7.161945863
ENSMUSG00000024366	9.196874066	4.869320706	9.179963621	9.665492065	7.161945863
ENSMUSG00000024376	3.537259256	3.478086219	11.29841676	3.221830688	2.864778345

ENSMUSG00000024378	19.80865184	37.56333116	41.66291182	86.98942859	82.36237743
ENSMUSG00000024379	11.31922962	4.173703463	2.824604191	3.221830688	10.02672421
ENSMUSG00000024383	74.98989623	108.51629	86.15042783	99.87675134	89.52432329
ENSMUSG00000024384	74.98989623	118.2549314	90.38733411	147.398754	129.6312201
ENSMUSG00000024386	7.781970364	6.260555194	5.649208382	8.054576721	5.729556691
ENSMUSG00000024391	16.27139258	20.86851731	26.83373982	23.35827249	26.49919969
ENSMUSG00000024395	10.61177777	4.173703463	6.35535943	5.638203705	6.445751277
ENSMUSG00000024399	0.707451851	2.086851731	4.943057334	1.610915344	2.148583759
ENSMUSG00000024402	8.489422215	18.08604834	11.29841676	3.221830688	5.013362104
ENSMUSG00000024404	161.2990221	189.9035076	176.5377619	213.4462831	176.1838682
ENSMUSG00000024409	4.244711108	6.260555194	7.767661525	9.665492065	5.729556691
ENSMUSG00000024411	10.61177777	8.347406925	7.767661525	4.832746033	8.594335036
ENSMUSG00000024420	6.367066661	6.260555194	4.236906287	3.221830688	2.148583759
ENSMUSG00000024423	6.367066661	6.956172438	7.767661525	13.69278043	15.04008631
ENSMUSG00000024425	65.79302217	96.69079689	97.44884459	146.5932963	111.0101609
ENSMUSG00000024427	4.244711108	5.56493795	9.179963621	15.30369577	10.02672421
ENSMUSG00000024429	20.51610369	41.73703463	37.42600553	123.2350238	72.33565322
ENSMUSG00000024442	21.22355554	31.99839321	21.89068248	47.52200265	39.39070225
ENSMUSG00000024451	7.074518513	7.651789682	6.35535943	8.860034393	7.161945863
ENSMUSG00000024472	137.2456591	162.0788178	128.5194907	198.948045	138.9417498
ENSMUSG00000024474	58.71850365	82.77845201	75.55816211	142.566008	104.5644096
ENSMUSG00000024477	116.7295555	162.0788178	131.3440949	168.3406535	147.5360848
ENSMUSG00000024479	12.02668147	5.56493795	4.236906287	8.860034393	5.729556691
ENSMUSG00000024480	69.33028142	115.4724625	98.15499564	91.82217462	83.7947666
ENSMUSG00000024481	9.196874066	6.956172438	4.236906287	6.443661377	7.87814045
ENSMUSG00000024486	5.65961481	6.956172438	7.767661525	7.249119049	8.594335036
ENSMUSG00000024487	44.56946663	64.69240367	45.19366706	67.65844446	66.60609653
ENSMUSG00000024493	55.1812444	54.95376226	47.3121202	120.0131931	113.8749392
ENSMUSG00000024497	8.489422215	6.260555194	10.59226572	9.665492065	7.161945863
ENSMUSG00000024502	11.31922962	6.260555194	6.35535943	11.27640741	5.013362104
ENSMUSG00000024503	9.196874066	10.43425866	7.767661525	3.221830688	7.161945863
ENSMUSG00000024507	20.51610369	33.3896277	26.83373982	18.52552646	15.04008631
ENSMUSG00000024510	10.61177777	10.43425866	9.179963621	3.221830688	2.864778345
ENSMUSG00000024512	12.02668147	6.260555194	9.179963621	7.249119049	6.445751277
ENSMUSG00000024518	7.074518513	4.173703463	7.767661525	4.02728836	1.432389173
ENSMUSG00000024519	7.781970364	3.478086219	7.767661525	3.221830688	7.161945863
ENSMUSG00000024521	26.88317035	40.34580014	40.95676077	112.7640741	83.07857202
ENSMUSG00000024525	6.367066661	14.60796212	16.2414741	23.35827249	21.48583759
ENSMUSG00000024526	3.537259256	6.956172438	5.649208382	7.249119049	6.445751277
ENSMUSG00000024527	37.49494812	52.17129328	43.78136496	82.96214023	80.21379367
ENSMUSG00000024528	57.30359995	105.0382038	63.5535943	158.6751614	118.1721067
ENSMUSG00000024530	2.122355554	4.173703463	7.767661525	5.638203705	5.729556691
ENSMUSG00000024537	28.29807405	46.60635533	38.13215658	86.98942859	75.91662615



ENSMUSG00000024538	12.02668147	4.173703463	2.118453143	6.443661377	5.729556691
ENSMUSG00000024542	24.76081479	50.08444155	48.7244223	83.7675979	80.92998826
ENSMUSG00000024544	5.65961481	14.60796212	9.886114669	8.054576721	6.445751277
ENSMUSG00000024553	9.196874066	5.56493795	6.35535943	5.638203705	6.445751277
ENSMUSG00000024556	94.09109622	110.6031418	105.2165061	88.60034393	97.40246374
ENSMUSG00000024560	25.46826665	37.56333116	30.36449505	51.54929101	46.55264811
ENSMUSG00000024561	48.10672589	65.38802092	56.49208382	128.0677699	85.94335036
ENSMUSG00000024565	2.122355554	3.478086219	0.706151048	0	1.432389173
ENSMUSG00000024566	46.69182218	72.34419335	67.08434954	66.85298678	93.82149081
ENSMUSG00000024570	40.32475552	57.73623123	62.1412922	52.35474869	50.13362104
ENSMUSG00000024578	4.244711108	6.260555194	6.35535943	11.27640741	7.87814045
ENSMUSG00000024579	11.31922962	11.1298759	12.00456781	19.33098413	23.63442135
ENSMUSG00000024580	77.11225179	127.2979556	93.21193831	246.4700477	204.8316517
ENSMUSG00000024583	72.86754068	123.1242521	88.97503202	188.4770953	139.6579443
ENSMUSG00000024587	33.25023701	75.82227957	60.72899011	134.5114312	98.83485292
ENSMUSG00000024588	14.14903703	27.82468975	33.18909925	20.1364418	20.769643
ENSMUSG00000024590	37.49494812	42.43265187	40.25060972	143.3714656	115.3073284
ENSMUSG00000024594	45.27691848	85.56092098	79.08891735	45.10562964	53.71459398
ENSMUSG00000024598	8.489422215	8.347406925	7.061510478	7.249119049	5.729556691
ENSMUSG00000024600	11.31922962	9.738641413	8.473812573	4.02728836	5.729556691
ENSMUSG00000024601	13.44158517	24.34660353	21.18453143	18.52552646	19.33725383
ENSMUSG00000024603	90.55383696	102.9513521	106.6288082	161.0915344	116.7397176
ENSMUSG00000024604	60.84085921	79.99598303	75.55816211	123.2350238	105.2806042
ENSMUSG00000024614	52.35143699	92.51709342	63.5535943	78.12939419	64.45751277
ENSMUSG00000024619	7.074518513	10.43425866	7.767661525	5.638203705	5.729556691
ENSMUSG00000024622	35.37259256	56.34499675	46.60596915	127.2623122	83.7947666
ENSMUSG00000024639	22.63845924	38.25894841	47.3121202	62.02024075	57.29556691
ENSMUSG00000024640	18.39374813	20.17290007	26.12758877	101.4876667	63.74131818
ENSMUSG00000024645	12.73413332	21.56413456	16.94762515	28.9964762	28.64778345
ENSMUSG00000024650	11.31922962	6.260555194	7.767661525	3.221830688	10.02672421
ENSMUSG00000024653	2.829807405	3.478086219	10.59226572	8.054576721	8.594335036
ENSMUSG00000024654	14.85648888	15.99919661	14.12302096	28.19101852	29.36397804
ENSMUSG00000024660	140.7829184	146.0796212	117.2210739	289.964762	229.1822676
ENSMUSG00000024661	67.20792587	106.4294383	86.85657888	164.3133651	139.6579443
ENSMUSG00000024664	7.781970364	6.956172438	7.061510478	5.638203705	7.161945863
ENSMUSG00000024665	7.074518513	7.651789682	5.649208382	11.27640741	10.7429188
ENSMUSG00000024666	118.851911	162.0788178	134.8748501	217.4735715	158.2790036
ENSMUSG00000024668	88.43148141	110.6031418	100.9795998	198.1425873	161.8599765
ENSMUSG00000024669	10.61177777	8.347406925	5.649208382	8.860034393	7.87814045
ENSMUSG00000024673	112.4848444	127.9935729	122.1641313	281.9101852	223.4527109
ENSMUSG00000024678	13.44158517	10.43425866	7.767661525	8.860034393	12.17530797
ENSMUSG00000024682	8.489422215	8.347406925	5.649208382	7.249119049	10.7429188
ENSMUSG00000024683	19.80865184	25.73783802	23.30298458	70.07481747	49.41742646

ENSMUSG00000024694	11.31922962	7.651789682	5.649208382	6.443661377	10.02672421
ENSMUSG00000024696	64.37811846	126.6023384	81.20737049	269.0228625	181.1972303
ENSMUSG00000024697	9.196874066	4.173703463	4.236906287	3.221830688	11.45911338
ENSMUSG00000024712	41.03220737	51.47567604	61.43514116	24.16373016	34.37734014
ENSMUSG00000024726	24.05336294	38.25894841	40.25060972	75.71302118	67.32229112
ENSMUSG00000024727	8.489422215	6.260555194	9.179963621	9.665492065	11.45911338
ENSMUSG00000024729	9.196874066	4.173703463	8.473812573	6.443661377	4.297167518
ENSMUSG00000024730	10.61177777	7.651789682	6.35535943	7.249119049	5.729556691
ENSMUSG00000024732	44.56946663	76.51789682	67.08434954	241.6373016	173.3190899
ENSMUSG00000024734	8.489422215	8.347406925	7.767661525	8.054576721	5.729556691
ENSMUSG00000024737	14.85648888	15.99919661	18.35992724	150.6205847	103.848215
ENSMUSG00000024738	5.65961481	6.956172438	7.061510478	11.27640741	4.297167518
ENSMUSG00000024740	62.96321476	98.08203137	75.55816211	197.3371297	123.1854689
ENSMUSG00000024747	9.196874066	4.869320706	14.12302096	6.443661377	7.161945863
ENSMUSG00000024749	12.02668147	3.478086219	10.59226572	5.638203705	7.161945863
ENSMUSG00000024757	14.14903703	5.56493795	8.473812573	8.054576721	5.729556691
ENSMUSG00000024764	32.54278516	41.73703463	38.83830763	95.04400531	71.61945863
ENSMUSG00000024768	8.489422215	9.738641413	4.236906287	5.638203705	6.445751277
ENSMUSG00000024769	5.65961481	11.82549314	13.41686991	12.88732275	12.89150255
ENSMUSG00000024771	9.196874066	9.738641413	7.061510478	3.221830688	3.580972932
ENSMUSG00000024772	28.29807405	36.17209668	45.8998181	81.35122488	74.48423698
ENSMUSG00000024777	11.31922962	15.30357936	10.59226572	5.638203705	15.7562809
ENSMUSG00000024780	44.56946663	86.25653823	68.49665163	77.32393652	80.21379367
ENSMUSG00000024782	19.10119998	27.12907251	30.36449505	36.24559524	27.93158887
ENSMUSG00000024785	61.54831106	75.82227957	76.26431316	148.2042117	118.8883013
ENSMUSG00000024786	6.367066661	6.260555194	7.061510478	5.638203705	4.297167518
ENSMUSG00000024792	33.25023701	42.43265187	29.65834401	96.65492065	70.90326405
ENSMUSG00000024800	33.95768886	44.5195036	44.48751601	86.98942859	55.86317773
ENSMUSG00000024803	7.781970364	4.173703463	9.179963621	7.249119049	4.297167518
ENSMUSG00000024806	4.952162959	9.738641413	7.061510478	8.860034393	5.013362104
ENSMUSG00000024812	4.952162959	6.260555194	7.767661525	6.443661377	4.297167518
ENSMUSG00000024815	7.781970364	2.782468975	9.886114669	9.665492065	2.864778345
ENSMUSG00000024824	125.2189777	155.1226454	153.2347774	132.0950582	122.4692743
ENSMUSG00000024827	8.489422215	4.173703463	1.412302096	2.416373016	7.87814045
ENSMUSG00000024841	53.05888884	93.21271067	86.85657888	256.9409974	181.9134249
ENSMUSG00000024842	18.39374813	21.56413456	26.83373982	20.1364418	17.90486466
ENSMUSG00000024846	8.489422215	6.956172438	6.35535943	8.860034393	5.729556691
ENSMUSG00000024853	42.44711108	68.17048989	64.96589639	125.6513968	106.7129934
ENSMUSG00000024854	26.1757185	57.73623123	49.43057334	78.93485187	60.16034525
ENSMUSG00000024855	41.03220737	62.60555194	56.49208382	49.93837567	58.01176149
ENSMUSG00000024863	9.196874066	4.173703463	8.473812573	4.02728836	9.310529622
ENSMUSG00000024866	7.781970364	10.43425866	12.71071886	7.249119049	4.297167518
ENSMUSG00000024868	14.14903703	5.56493795	6.35535943	9.665492065	4.297167518

ENSMUSG00000024869	4.952162959	6.956172438	4.943057334	7.249119049	5.729556691
ENSMUSG00000024870	26.88317035	52.17129328	43.07521391	41.07834128	41.53928601
ENSMUSG00000024873	10.61177777	6.956172438	10.59226572	5.638203705	7.87814045
ENSMUSG00000024875	13.44158517	17.39043109	21.89068248	20.1364418	22.20203218
ENSMUSG00000024878	24.05336294	45.91073809	32.4829482	49.132918	42.97167518
ENSMUSG00000024883	8.489422215	8.347406925	8.473812573	14.4982381	7.161945863
ENSMUSG00000024885	24.76081479	38.95456565	32.4829482	52.35474869	35.09353473
ENSMUSG00000024887	7.074518513	9.738641413	4.943057334	4.832746033	7.161945863
ENSMUSG00000024891	7.781970364	9.043024169	14.829172	18.52552646	14.32389173
ENSMUSG00000024896	31.12788146	49.38882431	46.60596915	124.0404815	86.65954495
ENSMUSG00000024897	3.537259256	13.21672763	2.824604191	3.221830688	6.445751277
ENSMUSG00000024899	10.61177777	8.347406925	9.886114669	9.665492065	10.7429188
ENSMUSG00000024900	18.39374813	25.04222078	21.89068248	15.30369577	21.48583759
ENSMUSG00000024902	7.074518513	15.99919661	12.71071886	10.47094974	20.769643
ENSMUSG00000024906	11.31922962	15.99919661	11.29841676	30.60739154	26.49919969
ENSMUSG00000024907	7.074518513	11.1298759	3.530755239	5.638203705	4.297167518
ENSMUSG00000024910	7.781970364	6.956172438	7.061510478	12.08186508	12.17530797
ENSMUSG00000024911	18.39374813	28.52030699	29.65834401	29.80193387	22.20203218
ENSMUSG00000024912	4.952162959	8.347406925	6.35535943	14.4982381	12.17530797
ENSMUSG00000024922	6.367066661	4.869320706	12.71071886	6.443661377	10.02672421
ENSMUSG00000024926	18.39374813	34.78086219	29.65834401	38.66196826	40.82309142
ENSMUSG00000024927	67.20792587	103.6469693	95.33039145	119.2077355	117.4559122
ENSMUSG00000024936	13.44158517	10.43425866	12.71071886	10.47094974	10.7429188
ENSMUSG00000024939	32.54278516	36.17209668	35.30755239	19.33098413	20.05344842
ENSMUSG00000024941	30.4204296	43.82388636	35.30755239	52.35474869	37.95831308
ENSMUSG00000024943	36.78749627	51.47567604	48.7244223	69.2693598	44.40406435
ENSMUSG00000024944	8.489422215	12.52111039	16.94762515	10.47094974	7.87814045
ENSMUSG00000024957	8.489422215	9.738641413	10.59226572	7.249119049	7.87814045
ENSMUSG00000024960	7.074518513	20.17290007	11.29841676	7.249119049	7.87814045
ENSMUSG00000024965	48.81417774	45.21512085	48.01827125	165.9242805	126.0502472
ENSMUSG00000024966	87.72402956	119.6461659	107.3349593	227.1390635	178.332452
ENSMUSG00000024970	11.31922962	20.86851731	21.18453143	24.96918783	25.78300511
ENSMUSG00000024981	38.90985182	53.56252777	64.96589639	76.51847885	57.29556691
ENSMUSG00000024987	5.65961481	6.956172438	6.35535943	3.221830688	9.310529622
ENSMUSG00000024991	175.4480591	173.9043109	161.7085899	319.7666958	267.1405807
ENSMUSG00000024997	19.80865184	31.30277597	28.95219296	60.40932541	51.56601022
ENSMUSG00000024999	45.27691848	64.69240367	48.01827125	88.60034393	74.48423698
ENSMUSG00000025002	7.074518513	9.738641413	4.236906287	7.249119049	6.445751277
ENSMUSG00000025003	7.781970364	9.738641413	12.71071886	5.638203705	7.87814045
ENSMUSG00000025017	99.75071103	131.4716591	108.7472614	78.93485187	64.45751277
ENSMUSG00000025024	55.1812444	113.3856107	77.67661525	189.2825529	155.4142252
ENSMUSG00000025034	48.10672589	52.86691053	52.96132858	138.5387196	122.4692743
ENSMUSG00000025035	19.80865184	47.99758982	41.66291182	27.38556085	32.94495097

ENSMUSG00000025036	25.46826665	42.43265187	37.42600553	20.1364418	34.37734014
ENSMUSG00000025037	6.367066661	4.869320706	1.412302096	2.416373016	1.432389173
ENSMUSG00000025038	1.414903703	2.086851731	4.236906287	4.02728836	2.148583759
ENSMUSG00000025043	6.367066661	5.56493795	5.649208382	2.416373016	0.716194586
ENSMUSG00000025047	111.0699406	169.7306075	161.7085899	274.6610662	213.4259867
ENSMUSG00000025049	27.5906222	50.08444155	45.8998181	93.43308996	85.22715578
ENSMUSG00000025050	14.14903703	18.78166558	16.94762515	50.74383334	52.99839939
ENSMUSG00000025051	4.244711108	2.086851731	1.412302096	2.416373016	2.864778345
ENSMUSG00000025056	4.952162959	3.478086219	2.824604191	1.610915344	3.580972932
ENSMUSG00000025058	67.91537772	86.25653823	75.55816211	107.9313281	78.06520991
ENSMUSG00000025066	21.93100739	33.3896277	31.77679715	33.82922223	43.68786977
ENSMUSG00000025068	4.952162959	7.651789682	7.061510478	11.27640741	8.594335036
ENSMUSG00000025076	13.44158517	18.08604834	21.18453143	10.47094974	18.62105924
ENSMUSG00000025078	54.47379255	84.1696865	72.02740687	66.85298678	77.34901533
ENSMUSG00000025082	7.781970364	4.173703463	2.824604191	4.832746033	5.013362104
ENSMUSG00000025090	4.244711108	8.347406925	7.061510478	5.638203705	7.87814045
ENSMUSG00000025091	10.61177777	4.173703463	10.59226572	7.249119049	6.445751277
ENSMUSG00000025092	5.65961481	16.69481385	10.59226572	7.249119049	10.7429188
ENSMUSG00000025094	12.73413332	2.782468975	8.473812573	5.638203705	5.729556691
ENSMUSG00000025103	88.43148141	100.8645003	97.44884459	144.982381	128.198831
ENSMUSG00000025105	8.489422215	6.260555194	9.886114669	8.860034393	7.161945863
ENSMUSG00000025128	10.61177777	10.43425866	7.061510478	2.416373016	7.87814045
ENSMUSG00000025129	2.829807405	3.478086219	1.412302096	1.610915344	3.580972932
ENSMUSG00000025133	19.80865184	32.69401046	30.36449505	108.7367857	97.40246374
ENSMUSG00000025134	52.35143699	95.2995624	87.56272992	192.5043836	175.4676737
ENSMUSG00000025141	10.61177777	11.1298759	4.236906287	8.054576721	9.310529622
ENSMUSG00000025147	95.50599992	125.2111039	111.5718655	80.54576721	71.61945863
ENSMUSG00000025153	19.10119998	41.73703463	30.36449505	240.831844	175.4676737
ENSMUSG00000025157	65.08557032	95.99517964	97.44884459	161.8969921	141.8065281
ENSMUSG00000025158	26.1757185	27.82468975	38.13215658	73.29664816	65.17370736
ENSMUSG00000025159	58.0110518	104.3425866	93.91808935	75.71302118	83.07857202
ENSMUSG00000025163	7.074518513	4.173703463	6.35535943	4.832746033	7.161945863
ENSMUSG00000025169	13.44158517	15.99919661	20.47838039	16.91461111	13.60769714
ENSMUSG00000025171	31.83533331	48.69320706	50.84287544	70.07481747	55.14698315
ENSMUSG00000025172	8.489422215	7.651789682	8.473812573	5.638203705	5.013362104
ENSMUSG00000025178	30.4204296	41.04141738	31.77679715	50.74383334	44.40406435
ENSMUSG00000025189	7.781970364	6.260555194	4.236906287	6.443661377	6.445751277
ENSMUSG00000025194	8.489422215	9.738641413	4.236906287	4.832746033	7.161945863
ENSMUSG00000025195	15.56394073	19.47728283	16.94762515	11.27640741	12.89150255
ENSMUSG00000025196	6.367066661	5.56493795	4.943057334	6.443661377	7.161945863
ENSMUSG00000025197	7.781970364	9.738641413	4.943057334	5.638203705	4.297167518
ENSMUSG00000025200	43.86201478	73.73542784	57.19823487	93.43308996	73.76804239
ENSMUSG00000025202	9.196874066	2.782468975	6.35535943	8.860034393	9.310529622

ENSMUSG00000025203	45.98437033	53.56252777	43.07521391	125.6513968	82.36237743
ENSMUSG00000025208	26.1757185	47.30197258	45.19366706	92.62763229	72.33565322
ENSMUSG00000025209	25.46826665	40.34580014	34.60140134	87.79488626	91.67290705
ENSMUSG00000025216	2.829807405	8.347406925	6.35535943	9.665492065	7.87814045
ENSMUSG00000025218	11.31922962	20.17290007	25.42143772	17.72006879	22.91822676
ENSMUSG00000025220	117.4370073	158.6007316	146.8794179	191.698926	166.8733386
ENSMUSG00000025228	147.1499851	172.5130765	146.8794179	154.647873	151.8332523
ENSMUSG00000025232	33.25023701	59.82308296	52.25517753	49.93837567	49.41742646
ENSMUSG00000025235	10.61177777	15.99919661	12.71071886	8.860034393	18.62105924
ENSMUSG00000025239	83.47931845	105.0382038	111.5718655	223.1117752	156.1304198
ENSMUSG00000025240	60.84085921	116.863697	102.3919019	82.15668255	95.97007457
ENSMUSG00000025257	48.81417774	57.73623123	55.78593277	95.84946298	68.0384857
ENSMUSG00000025262	17.68629628	35.47647943	19.77222934	56.38203705	66.60609653
ENSMUSG00000025278	14.85648888	16.69481385	15.53532305	31.41284921	29.36397804
ENSMUSG00000025279	16.27139258	20.17290007	30.36449505	55.57657937	34.37734014
ENSMUSG00000025280	42.44711108	66.7792554	61.43514116	122.4295662	90.95671247
ENSMUSG00000025288	2.829807405	4.869320706	6.35535943	4.02728836	3.580972932
ENSMUSG00000025317	12.02668147	7.651789682	9.886114669	6.443661377	5.729556691
ENSMUSG00000025324	9.196874066	3.478086219	4.236906287	16.10915344	12.17530797
ENSMUSG00000025328	8.489422215	6.956172438	3.530755239	10.47094974	5.729556691
ENSMUSG00000025329	4.952162959	9.738641413	3.530755239	1.610915344	6.445751277
ENSMUSG00000025330	7.074518513	9.738641413	10.59226572	2.416373016	5.729556691
ENSMUSG00000025347	4.244711108	7.651789682	4.943057334	2.416373016	7.87814045
ENSMUSG00000025348	11.31922962	3.478086219	7.767661525	6.443661377	7.161945863
ENSMUSG00000025352	31.12788146	52.86691053	52.96132858	18.52552646	20.769643
ENSMUSG00000025353	68.62282957	106.4294383	96.74269354	217.4735715	149.6846685
ENSMUSG00000025354	64.37811846	91.12585893	84.03197468	86.18397091	90.24051788
ENSMUSG00000025355	9.196874066	6.956172438	9.179963621	7.249119049	11.45911338
ENSMUSG00000025357	111.7773925	155.8182626	136.2871522	85.37851324	93.10529622
ENSMUSG00000025362	41.03220737	62.60555194	54.37363068	240.0263863	143.2389173
ENSMUSG00000025366	24.05336294	22.95536904	27.53989086	59.60386773	47.2688427
ENSMUSG00000025380	8.489422215	6.260555194	4.943057334	7.249119049	9.310529622
ENSMUSG00000025381	25.46826665	30.60715873	22.59683353	34.6346799	46.55264811
ENSMUSG00000025383	2.829807405	3.478086219	2.118453143	3.221830688	4.297167518
ENSMUSG00000025386	12.02668147	7.651789682	7.767661525	11.27640741	10.02672421
ENSMUSG00000025389	9.196874066	6.260555194	11.29841676	8.860034393	9.310529622
ENSMUSG00000025396	6.367066661	4.173703463	11.29841676	7.249119049	6.445751277
ENSMUSG00000025401	10.61177777	6.260555194	5.649208382	8.860034393	8.594335036
ENSMUSG00000025403	26.88317035	30.60715873	28.24604191	128.8732275	113.8749392
ENSMUSG00000025405	6.367066661	6.260555194	7.767661525	8.860034393	5.729556691
ENSMUSG00000025407	4.952162959	11.1298759	9.886114669	8.054576721	11.45911338
ENSMUSG00000025417	48.81417774	67.47487265	60.02283906	63.6311561	58.01176149
ENSMUSG00000025418	5.65961481	8.347406925	8.473812573	7.249119049	6.445751277

ENSMUSG00000025422	127.3413332	176.6867799	166.6516473	117.5968201	113.8749392
ENSMUSG00000025429	9.196874066	7.651789682	11.29841676	4.832746033	7.161945863
ENSMUSG00000025431	5.65961481	7.651789682	6.35535943	3.221830688	10.7429188
ENSMUSG00000025433	11.31922962	17.39043109	14.12302096	9.665492065	5.729556691
ENSMUSG00000025439	60.13340736	94.60394515	92.50578726	140.9550926	120.3206905
ENSMUSG00000025467	9.196874066	5.56493795	5.649208382	7.249119049	10.02672421
ENSMUSG00000025474	26.1757185	43.12826911	35.30755239	75.71302118	62.30892901
ENSMUSG00000025479	5.65961481	4.173703463	3.530755239	9.665492065	9.310529622
ENSMUSG00000025480	6.367066661	8.347406925	8.473812573	4.832746033	9.310529622
ENSMUSG00000025484	43.15456293	61.21431745	64.96589639	115.9859048	104.5644096
ENSMUSG00000025488	11.31922962	10.43425866	4.943057334	4.832746033	8.594335036
ENSMUSG00000025489	8.489422215	2.782468975	9.179963621	4.02728836	6.445751277
ENSMUSG00000025492	9.904325918	5.56493795	3.530755239	7.249119049	4.297167518
ENSMUSG00000025494	7.781970364	2.782468975	8.473812573	4.832746033	7.161945863
ENSMUSG00000025496	5.65961481	6.26055194	7.061510478	2.416373016	5.013362104
ENSMUSG00000025503	61.54831106	80.69160028	85.44427678	85.37851324	78.06520991
ENSMUSG00000025519	10.61177777	9.738641413	6.35535943	8.860034393	6.445751277
ENSMUSG00000025527	5.65961481	5.56493795	4.236906287	1.610915344	5.013362104
ENSMUSG00000025545	9.904325918	13.91234488	12.71071886	15.30369577	10.02672421
ENSMUSG00000025557	12.02668147	8.347406925	9.886114669	7.249119049	5.013362104
ENSMUSG00000025573	8.489422215	18.78166558	12.71071886	38.66196826	32.94495097
ENSMUSG00000025577	8.489422215	10.43425866	10.59226572	6.443661377	12.89150255
ENSMUSG00000025578	10.61177777	23.65098629	26.83373982	12.08186508	15.04008631
ENSMUSG00000025582	4.244711108	4.869320706	6.35535943	6.443661377	7.87814045
ENSMUSG00000025588	9.196874066	5.56493795	6.35535943	7.249119049	10.7429188
ENSMUSG00000025591	19.10119998	37.56333116	37.42600553	149.0096693	115.3073284
ENSMUSG00000025608	6.367066661	4.869320706	8.473812573	8.054576721	11.45911338
ENSMUSG00000025610	9.196874066	6.956172438	5.649208382	4.02728836	7.87814045
ENSMUSG00000025612	37.49494812	70.25734162	69.20280268	62.82569842	64.45751277
ENSMUSG00000025630	33.95768886	49.38882431	32.4829482	99.87675134	70.18706946
ENSMUSG00000025645	92.67619252	118.2549314	112.2780166	182.8388916	133.9283876
ENSMUSG00000025646	34.66514071	59.82308296	52.96132858	128.0677699	105.9967988
ENSMUSG00000025652	7.074518513	9.738641413	2.824604191	4.02728836	7.161945863
ENSMUSG00000025727	9.196874066	6.26055194	9.179963621	12.08186508	9.310529622
ENSMUSG00000025732	11.31922962	13.21672763	7.061510478	24.16373016	11.45911338
ENSMUSG00000025737	28.29807405	36.86771392	36.01370344	37.85651059	39.39070225
ENSMUSG00000025738	7.781970364	6.956172438	6.35535943	7.249119049	8.594335036
ENSMUSG00000025742	38.20239997	63.30116918	57.90438592	45.10562964	48.70123187
ENSMUSG00000025777	5.65961481	2.782468975	7.767661525	1.610915344	6.445751277
ENSMUSG00000025780	9.196874066	6.26055194	11.29841676	4.832746033	5.729556691
ENSMUSG00000025784	11.31922962	6.26055194	7.061510478	6.443661377	7.161945863
ENSMUSG00000025785	51.64398514	72.34419335	86.85657888	153.8424154	143.2389173
ENSMUSG00000025787	9.904325918	11.82549314	5.649208382	5.638203705	7.87814045

ENSMUSG00000025789	12.73413332	6.956172438	7.061510478	2.416373016	5.729556691
ENSMUSG00000025792	9.196874066	22.2597518	12.00456781	20.1364418	27.21539428
ENSMUSG00000025794	22.63845924	54.25814501	43.07521391	240.0263863	150.4008631
ENSMUSG00000025795	98.33580733	126.6023384	121.4579802	145.7878386	110.2939663
ENSMUSG00000025804	15.56394073	15.99919661	14.12302096	7.249119049	12.17530797
ENSMUSG00000025810	0	0	0	0	0
ENSMUSG00000025821	17.68629628	29.21592424	26.12758877	47.52200265	42.25548059
ENSMUSG00000025823	47.39927403	79.30036579	64.96589639	290.7702196	196.2373167
ENSMUSG00000025867	12.02668147	13.91234488	16.94762515	10.47094974	7.161945863
ENSMUSG00000025868	48.10672589	92.51709342	70.61510478	124.8459392	96.68626916
ENSMUSG00000025872	41.03220737	58.43184848	71.32125582	125.6513968	105.2806042
ENSMUSG00000025888	41.73965922	75.12666233	52.25517753	57.18749472	50.84981563
ENSMUSG00000025893	32.54278516	63.30116918	48.7244223	93.43308996	75.20043157
ENSMUSG00000025898	62.96321476	98.08203137	76.26431316	76.51847885	55.86317773
ENSMUSG00000025917	62.25576291	99.47326586	79.08891735	165.9242805	136.0769714
ENSMUSG00000025921	21.22355554	27.82468975	30.36449505	77.32393652	63.0251236
ENSMUSG00000025929	13.44158517	9.738641413	9.179963621	5.638203705	8.594335036
ENSMUSG00000025930	11.31922962	9.738641413	5.649208382	8.054576721	5.729556691
ENSMUSG00000025937	20.51610369	20.17290007	19.77222934	49.93837567	33.66114556
ENSMUSG00000025940	38.20239997	74.43104508	51.54902649	116.7913625	98.83485292
ENSMUSG00000025961	6.367066661	6.956172438	4.943057334	4.832746033	6.445751277
ENSMUSG00000025963	16.97884443	34.78086219	24.00913562	37.85651059	35.80972932
ENSMUSG00000025971	60.84085921	94.60394515	89.68118307	129.6786852	103.1320204
ENSMUSG00000025986	11.31922962	15.99919661	24.00913562	32.21830688	30.08017263
ENSMUSG00000025991	10.61177777	6.956172438	6.35535943	7.249119049	7.87814045
ENSMUSG00000026003	47.39927403	56.34499675	49.43057334	53.16020636	52.2822048
ENSMUSG00000026012	8.489422215	4.173703463	2.118453143	8.054576721	7.87814045
ENSMUSG00000026020	117.4370073	149.5577074	121.4579802	355.2068334	247.0871323
ENSMUSG00000026032	66.50047402	126.6023384	84.73812573	97.46037832	90.95671247
ENSMUSG00000026039	41.03220737	48.69320706	40.95676077	61.21478308	60.87653984
ENSMUSG00000026051	14.85648888	7.651789682	9.886114669	8.054576721	7.87814045
ENSMUSG00000026063	12.73413332	6.956172438	7.767661525	3.221830688	4.297167518
ENSMUSG00000026065	9.196874066	5.56493795	3.530755239	5.638203705	5.013362104
ENSMUSG00000026097	0	0	0	0	0
ENSMUSG00000026100	10.61177777	4.173703463	5.649208382	4.832746033	5.729556691
ENSMUSG00000026102	5.65961481	16.69481385	17.65377619	13.69278043	10.02672421
ENSMUSG00000026112	51.64398514	100.1688831	100.2734488	114.3749894	84.51096119
ENSMUSG00000026124	8.489422215	6.956172438	9.886114669	4.02728836	2.864778345
ENSMUSG00000026125	5.65961481	9.738641413	13.41686991	5.638203705	12.17530797
ENSMUSG00000026149	11.31922962	4.869320706	10.59226572	7.249119049	8.594335036
ENSMUSG00000026154	16.27139258	18.08604834	19.06607829	12.08186508	11.45911338
ENSMUSG00000026156	5.65961481	6.260555194	8.473812573	10.47094974	4.297167518
ENSMUSG00000026170	12.73413332	16.69481385	17.65377619	5.638203705	7.161945863

ENSMUSG00000026174	100.4581629	146.7752384	123.5764334	258.5519127	207.69643
ENSMUSG00000026180	4.952162959	2.782468975	4.236906287	8.860034393	5.729556691
ENSMUSG00000026182	12.02668147	4.869320706	10.59226572	4.832746033	8.594335036
ENSMUSG00000026185	6.367066661	6.260555194	8.473812573	4.832746033	7.87814045
ENSMUSG00000026187	12.73413332	18.08604834	21.18453143	12.88732275	20.05344842
ENSMUSG00000026196	16.27139258	22.2597518	13.41686991	59.60386773	34.37734014
ENSMUSG00000026205	3.537259256	6.260555194	3.530755239	4.02728836	5.729556691
ENSMUSG00000026208	7.074518513	5.56493795	3.530755239	4.02728836	9.310529622
ENSMUSG00000026220	5.65961481	5.56493795	7.767661525	7.249119049	5.013362104
ENSMUSG00000026228	13.44158517	29.91154148	15.53532305	16.91461111	24.35061594
ENSMUSG00000026237	10.61177777	7.651789682	9.179963621	4.832746033	8.594335036
ENSMUSG00000026241	7.074518513	0.695617244	3.530755239	6.443661377	7.161945863
ENSMUSG00000026248	28.29807405	59.12746572	39.54445867	81.35122488	60.16034525
ENSMUSG00000026258	7.781970364	7.651789682	7.767661525	4.02728836	13.60769714
ENSMUSG00000026272	3.537259256	6.260555194	6.35535943	8.054576721	5.013362104
ENSMUSG00000026276	64.37811846	111.298759	87.56272992	250.497336	189.0753708
ENSMUSG00000026285	7.781970364	9.043024169	8.473812573	17.72006879	14.32389173
ENSMUSG00000026303	11.31922962	9.043024169	4.236906287	4.02728836	4.297167518
ENSMUSG00000026308	7.074518513	7.651789682	4.236906287	5.638203705	6.445751277
ENSMUSG00000026317	5.65961481	5.56493795	4.943057334	8.054576721	5.013362104
ENSMUSG00000026321	4.244711108	6.260555194	8.473812573	4.832746033	5.013362104
ENSMUSG00000026322	6.367066661	4.173703463	6.35535943	6.443661377	5.013362104
ENSMUSG00000026327	9.196874066	11.1298759	8.473812573	9.665492065	5.729556691
ENSMUSG00000026343	4.244711108	5.56493795	4.943057334	4.02728836	7.87814045
ENSMUSG00000026344	8.489422215	4.173703463	4.236906287	4.02728836	7.87814045
ENSMUSG00000026348	14.85648888	4.173703463	5.649208382	4.832746033	6.445751277
ENSMUSG00000026353	40.32475552	53.56252777	50.13672439	76.51847885	73.76804239
ENSMUSG00000026354	10.61177777	6.260555194	9.179963621	10.47094974	12.17530797
ENSMUSG00000026357	15.56394073	31.30277597	22.59683353	9.665492065	12.17530797
ENSMUSG00000026360	23.34591109	20.86851731	22.59683353	15.30369577	10.7429188
ENSMUSG00000026361	58.71850365	100.1688831	68.49665163	129.6786852	93.10529622
ENSMUSG00000026368	6.367066661	5.56493795	9.886114669	4.832746033	5.013362104
ENSMUSG00000026390	9.904325918	3.478086219	10.59226572	6.443661377	2.864778345
ENSMUSG00000026394	11.31922962	22.2597518	14.829172	13.69278043	10.02672421
ENSMUSG00000026424	11.31922962	8.347406925	6.35535943	7.249119049	10.7429188
ENSMUSG00000026429	23.34591109	31.99839321	24.00913562	37.05105292	34.37734014
ENSMUSG00000026432	9.196874066	8.347406925	7.061510478	4.02728836	3.580972932
ENSMUSG00000026443	9.196874066	4.869320706	6.35535943	4.02728836	9.310529622
ENSMUSG00000026459	9.196874066	6.956172438	4.236906287	2.416373016	9.310529622
ENSMUSG00000026475	12.02668147	3.478086219	11.29841676	6.443661377	8.594335036
ENSMUSG00000026495	4.244711108	13.21672763	5.649208382	13.69278043	11.45911338
ENSMUSG00000026497	8.489422215	6.956172438	6.35535943	8.860034393	6.445751277
ENSMUSG00000026499	88.43148141	128.6891901	110.8657145	147.398754	123.9016634



ENSMUSG00000026500	53.05888884	72.34419335	62.1412922	66.04752911	61.59273443
ENSMUSG00000026511	86.30912585	108.51629	102.3919019	145.7878386	119.6044959
ENSMUSG00000026516	50.22908144	77.9091313	74.14586002	202.9753334	139.6579443
ENSMUSG00000026520	45.27691848	70.25734162	58.61053696	83.7675979	85.22715578
ENSMUSG00000026525	24.76081479	50.08444155	39.54445867	38.66196826	32.22875639
ENSMUSG00000026531	4.244711108	8.347406925	7.061510478	6.443661377	7.87814045
ENSMUSG00000026532	7.781970364	9.738641413	9.179963621	4.832746033	7.87814045
ENSMUSG00000026535	5.65961481	5.56493795	7.061510478	5.638203705	7.87814045
ENSMUSG00000026536	12.02668147	10.43425866	8.473812573	33.82922223	23.63442135
ENSMUSG00000026542	7.074518513	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000026544	2.829807405	6.260555194	3.530755239	6.443661377	12.89150255
ENSMUSG00000026548	17.68629628	17.39043109	20.47838039	11.27640741	17.18867007
ENSMUSG00000026564	10.61177777	3.478086219	10.59226572	4.02728836	7.161945863
ENSMUSG00000026568	24.76081479	50.08444155	40.95676077	33.82922223	45.12025894
ENSMUSG00000026573	5.65961481	9.738641413	9.886114669	5.638203705	7.161945863
ENSMUSG00000026578	7.781970364	18.78166558	6.35535943	7.249119049	10.7429188
ENSMUSG00000026579	7.781970364	13.21672763	2.824604191	8.054576721	7.161945863
ENSMUSG00000026582	11.31922962	9.043024169	9.179963621	7.249119049	7.87814045
ENSMUSG00000026602	9.904325918	4.173703463	7.767661525	6.443661377	5.729556691
ENSMUSG00000026614	9.196874066	6.260555194	9.179963621	8.860034393	8.594335036
ENSMUSG00000026627	47.39927403	61.21431745	74.14586002	51.54929101	48.70123187
ENSMUSG00000026630	7.074518513	6.956172438	5.649208382	3.221830688	7.161945863
ENSMUSG00000026641	19.10119998	23.65098629	22.59683353	12.88732275	10.02672421
ENSMUSG00000026644	9.904325918	9.738641413	6.35535943	8.054576721	4.297167518
ENSMUSG00000026663	69.33028142	107.1250555	83.32582364	151.4260424	109.5777717
ENSMUSG00000026664	14.14903703	22.2597518	27.53989086	10.47094974	17.90486466
ENSMUSG00000026674	9.904325918	4.173703463	6.35535943	4.832746033	5.729556691
ENSMUSG00000026676	4.244711108	9.738641413	10.59226572	5.638203705	7.87814045
ENSMUSG00000026679	7.781970364	12.52111039	16.94762515	9.665492065	7.87814045
ENSMUSG00000026688	6.367066661	9.738641413	10.59226572	8.054576721	8.594335036
ENSMUSG00000026698	16.27139258	22.2597518	16.2414741	28.9964762	29.36397804
ENSMUSG00000026700	6.367066661	4.173703463	11.29841676	4.832746033	9.310529622
ENSMUSG00000026712	9.904325918	9.043024169	7.061510478	8.054576721	7.87814045
ENSMUSG00000026728	10.61177777	22.95536904	24.00913562	37.05105292	27.93158887
ENSMUSG00000026734	8.489422215	4.173703463	4.236906287	6.443661377	6.445751277
ENSMUSG00000026735	7.074518513	3.478086219	4.943057334	7.249119049	3.580972932
ENSMUSG00000026736	43.86201478	66.08363816	78.3827663	86.18397091	58.72795608
ENSMUSG00000026750	34.66514071	50.08444155	51.54902649	99.87675134	98.11865833
ENSMUSG00000026753	104.702874	153.7314109	119.3395271	127.2623122	108.8615771
ENSMUSG00000026770	22.63845924	22.2597518	19.06607829	54.7711217	39.39070225
ENSMUSG00000026775	82.7718666	100.1688831	93.21193831	165.9242805	137.5093606
ENSMUSG00000026779	57.30359995	86.25653823	79.7950684	140.9550926	118.8883013
ENSMUSG00000026787	7.074518513	6.260555194	4.943057334	4.02728836	3.580972932

ENSMUSG00000026807	8.489422215	10.43425866	5.649208382	7.249119049	5.013362104
ENSMUSG00000026820	9.196874066	15.99919661	17.65377619	28.19101852	18.62105924
ENSMUSG00000026829	8.489422215	4.869320706	12.00456781	5.638203705	6.445751277
ENSMUSG00000026830	8.489422215	8.347406925	5.649208382	3.221830688	4.297167518
ENSMUSG00000026841	7.781970364	5.56493795	10.59226572	7.249119049	3.580972932
ENSMUSG00000026851	24.05336294	30.60715873	33.89525029	47.52200265	52.2822048
ENSMUSG00000026857	58.71850365	82.77845201	74.14586002	120.0131931	107.429188
ENSMUSG00000026873	6.367066661	9.738641413	7.767661525	32.21830688	22.91822676
ENSMUSG00000026882	11.31922962	2.782468975	7.767661525	4.02728836	9.310529622
ENSMUSG00000026887	62.96321476	103.6469693	80.50121945	103.9040397	93.10529622
ENSMUSG00000026893	7.074518513	6.260555194	10.59226572	10.47094974	10.02672421
ENSMUSG00000026894	57.30359995	70.25734162	59.31668801	74.9075635	77.34901533
ENSMUSG00000026895	53.05888884	90.43024169	72.73355792	85.37851324	78.06520991
ENSMUSG00000026919	7.074518513	9.043024169	9.886114669	5.638203705	7.161945863
ENSMUSG00000026936	5.65961481	8.347406925	4.943057334	4.832746033	5.729556691
ENSMUSG00000026940	7.781970364	2.782468975	12.71071886	8.054576721	6.445751277
ENSMUSG00000026946	29.71297775	41.04141738	33.18909925	35.44013757	30.08017263
ENSMUSG00000026960	65.79302217	98.77764862	79.7950684	177.2006879	156.8466144
ENSMUSG00000026961	0	0	0	0	0
ENSMUSG00000026963	2.829807405	2.782468975	2.118453143	4.832746033	4.297167518
ENSMUSG00000026966	55.88869625	75.82227957	83.32582364	116.7913625	88.80812871
ENSMUSG00000026969	19.10119998	13.21672763	15.53532305	11.27640741	7.87814045
ENSMUSG00000026984	9.904325918	6.956172438	12.71071886	1.610915344	5.013362104
ENSMUSG00000026985	12.02668147	7.651789682	7.061510478	5.638203705	5.729556691
ENSMUSG00000026989	6.367066661	4.869320706	3.530755239	4.832746033	8.594335036
ENSMUSG00000026994	4.952162959	6.260555194	4.236906287	2.416373016	3.580972932
ENSMUSG00000027004	11.31922962	2.782468975	8.473812573	8.054576721	5.729556691
ENSMUSG00000027015	7.781970364	9.043024169	6.35535943	4.832746033	7.161945863
ENSMUSG00000027068	8.489422215	6.260555194	5.649208382	8.860034393	4.297167518
ENSMUSG00000027073	6.367066661	6.260555194	11.29841676	4.832746033	10.7429188
ENSMUSG00000027077	13.44158517	8.347406925	7.767661525	8.860034393	8.594335036
ENSMUSG00000027080	66.50047402	101.5601176	81.91352154	132.9005159	132.4959985
ENSMUSG00000027099	23.34591109	46.60635533	36.71985448	53.96566403	41.53928601
ENSMUSG00000027102	10.61177777	5.56493795	5.649208382	3.221830688	6.445751277
ENSMUSG00000027107	8.489422215	6.956172438	4.236906287	10.47094974	8.594335036
ENSMUSG00000027120	12.02668147	7.651789682	6.35535943	1.610915344	5.013362104
ENSMUSG00000027131	6.367066661	28.52030699	30.36449505	74.10210583	56.57937232
ENSMUSG00000027132	74.28244438	113.3856107	79.7950684	94.23854763	88.80812871
ENSMUSG00000027133	41.73965922	67.47487265	44.48751601	86.98942859	65.88990194
ENSMUSG00000027134	9.196874066	14.60796212	11.29841676	16.91461111	10.02672421
ENSMUSG00000027162	64.37811846	132.1672763	103.804204	146.5932963	120.3206905
ENSMUSG00000027164	89.84638511	125.2111039	123.5764334	119.2077355	98.83485292
ENSMUSG00000027173	4.244711108	6.956172438	7.767661525	3.221830688	5.729556691

ENSMUSG00000027176	111.0699406	159.2963488	122.1641313	211.8353678	174.0352845
ENSMUSG00000027188	12.73413332	6.956172438	4.943057334	10.47094974	3.580972932
ENSMUSG00000027220	7.781970364	4.869320706	4.943057334	8.054576721	5.729556691
ENSMUSG00000027221	6.367066661	5.56493795	2.824604191	4.02728836	5.013362104
ENSMUSG00000027225	5.65961481	5.56493795	4.236906287	5.638203705	7.87814045
ENSMUSG00000027227	9.904325918	11.82549314	12.00456781	5.638203705	5.729556691
ENSMUSG00000027229	11.31922962	9.738641413	7.767661525	8.054576721	5.729556691
ENSMUSG00000027230	6.367066661	6.260555194	9.886114669	4.02728836	6.445751277
ENSMUSG00000027233	15.56394073	10.43425866	7.767661525	8.860034393	10.7429188
ENSMUSG00000027236	55.88869625	95.99517964	76.26431316	202.9753334	166.8733386
ENSMUSG00000027243	67.20792587	87.64777272	78.3827663	48.32746033	69.47087488
ENSMUSG00000027261	7.781970364	5.56493795	12.00456781	8.054576721	7.161945863
ENSMUSG00000027272	73.57499253	121.7330177	99.56729774	107.9313281	111.0101609
ENSMUSG00000027276	5.65961481	4.869320706	7.061510478	2.416373016	7.161945863
ENSMUSG00000027296	4.244711108	12.52111039	9.886114669	7.249119049	5.013362104
ENSMUSG00000027300	0	0	0	0	0
ENSMUSG00000027301	7.781970364	6.260555194	9.886114669	9.665492065	6.445751277
ENSMUSG00000027305	38.90985182	58.43184848	44.48751601	65.24207144	56.57937232
ENSMUSG00000027313	10.61177777	5.56493795	12.00456781	29.80193387	22.91822676
ENSMUSG00000027314	6.367066661	7.651789682	7.767661525	10.47094974	5.013362104
ENSMUSG00000027317	7.781970364	7.651789682	4.943057334	8.860034393	7.87814045
ENSMUSG00000027324	9.904325918	14.60796212	12.71071886	51.54929101	45.83645353
ENSMUSG00000027329	50.22908144	68.17048989	79.7950684	37.05105292	47.98503729
ENSMUSG00000027335	4.952162959	5.56493795	4.943057334	5.638203705	5.729556691
ENSMUSG00000027349	48.81417774	58.43184848	57.90438592	77.32393652	58.01176149
ENSMUSG00000027350	7.074518513	7.651789682	12.00456781	5.638203705	7.161945863
ENSMUSG00000027356	8.489422215	4.869320706	7.061510478	2.416373016	8.594335036
ENSMUSG00000027358	5.65961481	4.173703463	2.118453143	3.221830688	7.87814045
ENSMUSG00000027360	11.31922962	11.1298759	7.061510478	12.08186508	6.445751277
ENSMUSG00000027368	28.29807405	38.95456565	51.54902649	57.99295239	46.55264811
ENSMUSG00000027377	11.31922962	11.1298759	12.00456781	7.249119049	15.7562809
ENSMUSG00000027384	74.28244438	117.5593142	96.0365425	160.2860767	136.793166
ENSMUSG00000027386	9.196874066	6.260555194	9.886114669	8.054576721	9.310529622
ENSMUSG00000027399	11.31922962	7.651789682	6.35535943	8.860034393	10.02672421
ENSMUSG00000027401	10.61177777	6.260555194	11.29841676	4.02728836	7.161945863
ENSMUSG00000027408	7.781970364	8.347406925	6.35535943	6.443661377	7.161945863
ENSMUSG00000027409	0	0	0	0	0
ENSMUSG00000027416	12.02668147	4.869320706	9.179963621	4.832746033	7.87814045
ENSMUSG00000027419	6.367066661	11.1298759	9.886114669	4.02728836	13.60769714
ENSMUSG00000027428	13.44158517	16.69481385	16.2414741	12.08186508	10.7429188
ENSMUSG00000027431	12.73413332	5.56493795	4.943057334	9.665492065	10.7429188
ENSMUSG00000027433	91.26128881	103.6469693	93.21193831	222.3063175	167.5895332
ENSMUSG00000027435	33.25023701	28.52030699	31.77679715	39.46742593	34.37734014

ENSMUSG00000027439	21.22355554	31.99839321	31.0706461	20.94189947	20.05344842
ENSMUSG00000027444	7.781970364	5.56493795	7.061510478	6.443661377	8.594335036
ENSMUSG00000027445	7.781970364	6.956172438	9.179963621	8.054576721	7.161945863
ENSMUSG00000027446	7.781970364	7.651789682	7.061510478	5.638203705	9.310529622
ENSMUSG00000027447	54.47379255	94.60394515	76.97046421	33.82922223	37.24211849
ENSMUSG00000027456	7.074518513	4.173703463	9.886114669	7.249119049	10.02672421
ENSMUSG00000027460	7.074518513	5.56493795	6.35535943	8.860034393	7.161945863
ENSMUSG00000027468	7.074518513	8.347406925	6.35535943	4.832746033	5.729556691
ENSMUSG00000027470	6.367066661	3.478086219	4.236906287	7.249119049	4.297167518
ENSMUSG00000027475	53.05888884	71.64857611	70.61510478	45.91108731	53.71459398
ENSMUSG00000027481	8.489422215	5.56493795	6.35535943	6.443661377	8.594335036
ENSMUSG00000027483	8.489422215	4.173703463	6.35535943	6.443661377	10.02672421
ENSMUSG00000027484	7.074518513	3.478086219	6.35535943	7.249119049	6.445751277
ENSMUSG00000027495	13.44158517	31.30277597	24.00913562	10.47094974	15.04008631
ENSMUSG00000027505	9.196874066	9.043024169	6.35535943	8.054576721	11.45911338
ENSMUSG00000027518	9.904325918	9.738641413	7.061510478	4.832746033	6.445751277
ENSMUSG00000027524	5.65961481	11.1298759	9.886114669	4.832746033	6.445751277
ENSMUSG00000027536	8.489422215	4.869320706	9.179963621	7.249119049	9.310529622
ENSMUSG00000027555	8.489422215	9.738641413	8.473812573	19.33098413	20.769643
ENSMUSG00000027559	8.489422215	9.043024169	6.35535943	6.443661377	9.310529622
ENSMUSG00000027560	9.196874066	4.173703463	5.649208382	3.221830688	5.729556691
ENSMUSG00000027564	11.31922962	6.956172438	9.179963621	2.416373016	5.729556691
ENSMUSG00000027568	7.781970364	6.260555194	7.767661525	1.610915344	5.729556691
ENSMUSG00000027579	9.904325918	17.39043109	12.00456781	12.08186508	5.729556691
ENSMUSG00000027599	57.30359995	91.12585893	72.02740687	107.9313281	95.97007457
ENSMUSG00000027602	6.367066661	3.478086219	9.886114669	4.02728836	7.161945863
ENSMUSG00000027612	9.904325918	6.260555194	4.943057334	2.416373016	5.729556691
ENSMUSG00000027637	49.52162959	74.43104508	72.73355792	135.3168889	122.4692743
ENSMUSG00000027643	8.489422215	6.260555194	9.179963621	7.249119049	10.7429188
ENSMUSG00000027654	34.66514071	37.56333116	37.42600553	88.60034393	83.07857202
ENSMUSG00000027656	9.904325918	4.869320706	14.12302096	7.249119049	6.445751277
ENSMUSG00000027661	7.074518513	4.173703463	4.236906287	4.02728836	6.445751277
ENSMUSG00000027670	4.952162959	6.956172438	6.35535943	11.27640741	5.013362104
ENSMUSG00000027702	13.44158517	7.651789682	5.649208382	9.665492065	6.445751277
ENSMUSG00000027706	68.62282957	108.51629	81.20737049	98.265836	88.09193412
ENSMUSG00000027709	14.14903703	31.30277597	26.83373982	17.72006879	24.35061594
ENSMUSG00000027713	6.367066661	8.347406925	9.179963621	4.832746033	8.594335036
ENSMUSG00000027715	72.16008883	64.69240367	68.49665163	165.1188228	111.7263555
ENSMUSG00000027718	7.074518513	4.869320706	9.179963621	7.249119049	8.594335036
ENSMUSG00000027720	9.904325918	6.260555194	3.530755239	11.27640741	5.729556691
ENSMUSG00000027739	56.5961481	86.95215547	70.61510478	57.99295239	50.84981563
ENSMUSG00000027744	8.489422215	9.043024169	8.473812573	2.416373016	5.013362104
ENSMUSG00000027761	7.074518513	10.43425866	3.530755239	7.249119049	6.445751277

ENSMUSG00000027762	6.367066661	11.1298759	5.649208382	3.221830688	2.148583759
ENSMUSG00000027765	4.244711108	9.738641413	12.00456781	4.02728836	4.297167518
ENSMUSG00000027770	76.40479994	122.4286349	113.6903187	124.8459392	112.4425501
ENSMUSG00000027775	10.61177777	27.12907251	27.53989086	36.24559524	30.08017263
ENSMUSG00000027777	8.489422215	2.782468975	4.943057334	5.638203705	8.594335036
ENSMUSG00000027788	4.952162959	6.956172438	12.00456781	5.638203705	7.161945863
ENSMUSG00000027793	9.904325918	5.56493795	7.767661525	6.443661377	3.580972932
ENSMUSG00000027794	6.367066661	6.956172438	12.00456781	9.665492065	6.445751277
ENSMUSG00000027796	6.367066661	5.56493795	7.767661525	5.638203705	7.161945863
ENSMUSG00000027801	12.73413332	7.651789682	9.886114669	8.860034393	5.013362104
ENSMUSG00000027808	192.4269035	245.5528871	194.8976892	417.2270741	327.300926
ENSMUSG00000027811	21.93100739	23.65098629	27.53989086	28.19101852	37.95831308
ENSMUSG00000027823	79.94205919	126.6023384	99.56729774	143.3714656	100.9834367
ENSMUSG00000027831	6.367066661	2.782468975	5.649208382	5.638203705	7.87814045
ENSMUSG00000027832	12.73413332	4.173703463	10.59226572	5.638203705	7.87814045
ENSMUSG00000027840	9.196874066	6.956172438	6.35535943	4.02728836	11.45911338
ENSMUSG00000027863	120.2668147	119.6461659	141.2302096	80.54576721	69.47087488
ENSMUSG00000027864	5.65961481	6.956172438	7.767661525	4.832746033	5.013362104
ENSMUSG00000027870	14.85648888	5.56493795	4.943057334	4.02728836	5.729556691
ENSMUSG00000027876	11.31922962	8.347406925	8.473812573	8.860034393	10.02672421
ENSMUSG00000027879	98.33580733	126.6023384	114.3964697	143.3714656	128.9150255
ENSMUSG00000027880	12.02668147	8.347406925	4.943057334	8.860034393	6.445751277
ENSMUSG00000027886	4.952162959	6.956172438	13.41686991	6.443661377	6.445751277
ENSMUSG00000027895	9.904325918	4.173703463	7.767661525	4.832746033	7.161945863
ENSMUSG00000027902	4.952162959	7.651789682	8.473812573	8.054576721	5.729556691
ENSMUSG00000027907	35.37259256	66.08363816	43.78136496	27.38556085	35.80972932
ENSMUSG00000027908	10.61177777	4.173703463	7.061510478	9.665492065	10.02672421
ENSMUSG00000027912	9.196874066	6.956172438	7.061510478	4.832746033	2.864778345
ENSMUSG00000027913	9.196874066	5.56493795	2.824604191	5.638203705	6.445751277
ENSMUSG00000027919	7.781970364	5.56493795	11.29841676	4.832746033	7.161945863
ENSMUSG00000027923	9.196874066	5.56493795	6.35535943	4.02728836	5.013362104
ENSMUSG00000027925	7.781970364	5.56493795	5.649208382	5.638203705	6.445751277
ENSMUSG00000027927	5.65961481	6.956172438	11.29841676	1.610915344	5.013362104
ENSMUSG00000027950	10.61177777	6.956172438	8.473812573	7.249119049	9.310529622
ENSMUSG00000027954	12.73413332	12.52111039	9.886114669	10.47094974	8.594335036
ENSMUSG00000027961	21.22355554	15.99919661	11.29841676	16.10915344	17.90486466
ENSMUSG00000027967	6.367066661	5.56493795	7.767661525	6.443661377	4.297167518
ENSMUSG00000027978	2.829807405	10.43425866	9.886114669	4.832746033	7.161945863
ENSMUSG00000027984	15.56394073	27.12907251	21.89068248	13.69278043	11.45911338
ENSMUSG00000027997	16.27139258	25.04222078	24.00913562	16.10915344	15.04008631
ENSMUSG00000028003	11.31922962	3.478086219	6.35535943	5.638203705	11.45911338
ENSMUSG00000028015	65.08557032	119.6461659	93.91808935	49.93837567	60.87653984
ENSMUSG00000028016	37.49494812	59.12746572	59.31668801	103.9040397	81.64618284

ENSMUSG00000028017	5.65961481	6.260555194	11.29841676	4.832746033	7.161945863
ENSMUSG00000028019	6.367066661	3.478086219	8.473812573	3.221830688	6.445751277
ENSMUSG00000028031	7.074518513	11.1298759	4.943057334	2.416373016	7.161945863
ENSMUSG00000028036	7.074518513	7.651789682	6.35535943	7.249119049	3.580972932
ENSMUSG00000028040	7.074518513	9.043024169	4.943057334	6.443661377	7.161945863
ENSMUSG00000028044	43.15456293	43.12826911	64.25974535	161.0915344	125.3340526
ENSMUSG00000028070	12.02668147	23.65098629	22.59683353	20.1364418	19.33725383
ENSMUSG00000028072	11.31922962	7.651789682	6.35535943	6.443661377	5.729556691
ENSMUSG00000028081	8.489422215	14.60796212	16.2414741	16.91461111	20.769643
ENSMUSG00000028089	51.64398514	70.25734162	54.37363068	61.21478308	64.45751277
ENSMUSG00000028099	73.57499253	123.1242521	105.2165061	181.2279762	139.6579443
ENSMUSG00000028111	8.489422215	8.347406925	12.71071886	7.249119049	5.729556691
ENSMUSG00000028121	109.6550369	146.0796212	108.7472614	391.4524286	294.355975
ENSMUSG00000028137	4.244711108	4.869320706	2.118453143	5.638203705	12.17530797
ENSMUSG00000028138	35.37259256	63.99678643	46.60596915	57.18749472	52.2822048
ENSMUSG00000028139	9.196874066	10.43425866	7.767661525	5.638203705	7.161945863
ENSMUSG00000028145	9.904325918	14.60796212	9.179963621	6.443661377	9.310529622
ENSMUSG00000028165	82.06441475	125.9067211	91.79963621	152.2315	152.5494469
ENSMUSG00000028172	21.22355554	6.956172438	12.00456781	8.860034393	6.445751277
ENSMUSG00000028195	4.244711108	6.956172438	4.943057334	6.443661377	2.864778345
ENSMUSG00000028197	9.196874066	8.347406925	4.943057334	4.832746033	3.580972932
ENSMUSG00000028221	9.196874066	17.39043109	14.829172	16.10915344	14.32389173
ENSMUSG00000028222	8.489422215	2.782468975	5.649208382	4.832746033	2.148583759
ENSMUSG00000028223	9.196874066	11.1298759	7.767661525	11.27640741	8.594335036
ENSMUSG00000028228	22.63845924	33.3896277	28.24604191	17.72006879	22.91822676
ENSMUSG00000028233	84.89422215	123.1242521	116.5149229	175.5897725	147.5360848
ENSMUSG00000028234	2.122355554	2.782468975	0.706151048	0	0.716194586
ENSMUSG00000028236	10.61177777	13.91234488	6.35535943	2.416373016	6.445751277
ENSMUSG00000028238	7.781970364	4.869320706	11.29841676	7.249119049	7.161945863
ENSMUSG00000028240	7.781970364	5.56493795	8.473812573	4.02728836	2.864778345
ENSMUSG00000028243	29.71297775	43.12826911	37.42600553	25.77464551	27.21539428
ENSMUSG00000028247	5.65961481	13.91234488	9.179963621	15.30369577	12.89150255
ENSMUSG00000028251	20.51610369	34.78086219	28.95219296	15.30369577	25.06681052
ENSMUSG00000028255	4.244711108	7.651789682	7.767661525	4.02728836	3.580972932
ENSMUSG00000028271	120.9742666	201.0333835	150.4101732	154.647873	130.3474147
ENSMUSG00000028280	7.781970364	2.086851731	6.35535943	4.832746033	7.87814045
ENSMUSG00000028287	12.02668147	5.56493795	5.649208382	2.416373016	7.161945863
ENSMUSG00000028291	141.4903703	195.4684455	173.7131578	268.2174048	186.926787
ENSMUSG00000028307	7.074518513	9.738641413	7.061510478	4.02728836	3.580972932
ENSMUSG00000028310	9.196874066	6.956172438	7.767661525	6.443661377	5.729556691
ENSMUSG00000028314	6.367066661	5.56493795	8.473812573	4.832746033	7.161945863
ENSMUSG00000028330	130.1711406	189.2078903	170.1824025	204.5862487	162.5761711
ENSMUSG00000028341	4.952162959	12.52111039	11.29841676	7.249119049	7.161945863

ENSMUSG00000028348	12.73413332	4.869320706	7.767661525	4.832746033	7.161945863
ENSMUSG00000028351	9.196874066	6.956172438	6.35535943	4.832746033	5.729556691
ENSMUSG00000028356	9.196874066	2.782468975	7.061510478	5.638203705	5.729556691
ENSMUSG00000028359	12.02668147	3.478086219	9.179963621	12.08186508	7.87814045
ENSMUSG00000028360	13.44158517	2.086851731	10.59226572	1.610915344	10.7429188
ENSMUSG00000028362	9.196874066	10.43425866	6.35535943	19.33098413	12.17530797
ENSMUSG00000028367	16.97884443	25.73783802	33.18909925	202.9753334	136.0769714
ENSMUSG00000028370	6.367066661	7.651789682	4.943057334	3.221830688	2.864778345
ENSMUSG00000028378	11.31922962	13.91234488	14.12302096	9.665492065	7.87814045
ENSMUSG00000028381	100.4581629	116.1680797	106.6288082	227.9445212	179.0486466
ENSMUSG00000028386	8.489422215	5.56493795	7.061510478	2.416373016	6.445751277
ENSMUSG00000028394	15.56394073	29.21592424	25.42143772	35.44013757	30.79636721
ENSMUSG00000028396	6.367066661	3.478086219	8.473812573	6.443661377	5.013362104
ENSMUSG00000028398	40.32475552	50.08444155	52.25517753	51.54929101	47.2688427
ENSMUSG00000028405	14.14903703	11.82549314	20.47838039	16.91461111	18.62105924
ENSMUSG00000028415	13.44158517	6.260555194	6.35535943	11.27640741	11.45911338
ENSMUSG00000028417	8.489422215	5.56493795	11.29841676	4.02728836	4.297167518
ENSMUSG00000028419	36.78749627	52.86691053	47.3121202	80.54576721	84.51096119
ENSMUSG00000028435	6.367066661	4.173703463	10.59226572	6.443661377	7.87814045
ENSMUSG00000028436	36.78749627	36.17209668	47.3121202	22.55281482	29.36397804
ENSMUSG00000028443	16.97884443	17.39043109	15.53532305	41.88379895	50.84981563
ENSMUSG00000028445	4.952162959	9.738641413	13.41686991	6.443661377	7.87814045
ENSMUSG00000028452	54.47379255	66.08363816	66.37819849	244.8591323	158.2790036
ENSMUSG00000028460	16.27139258	16.69481385	14.829172	7.249119049	13.60769714
ENSMUSG00000028517	28.29807405	52.17129328	42.36906287	23.35827249	20.769643
ENSMUSG00000028518	5.65961481	4.869320706	7.767661525	8.054576721	2.864778345
ENSMUSG00000028540	28.29807405	38.95456565	45.8998181	57.18749472	63.0251236
ENSMUSG00000028567	60.13340736	99.47326586	99.56729774	83.7675979	75.20043157
ENSMUSG00000028578	42.44711108	89.0390072	60.02283906	70.88027514	64.45751277
ENSMUSG00000028584	8.489422215	2.086851731	5.649208382	5.638203705	5.729556691
ENSMUSG00000028589	9.904325918	8.347406925	5.649208382	4.832746033	12.17530797
ENSMUSG00000028593	8.489422215	8.347406925	7.061510478	8.860034393	5.729556691
ENSMUSG00000028609	43.86201478	81.38721752	60.02283906	102.2931244	100.2672421
ENSMUSG00000028626	12.73413332	6.956172438	11.29841676	11.27640741	12.17530797
ENSMUSG00000028629	29.71297775	43.82388636	39.54445867	57.18749472	56.57937232
ENSMUSG00000028630	99.04325918	136.3409798	121.4579802	74.9075635	82.36237743
ENSMUSG00000028631	7.781970364	4.173703463	7.767661525	7.249119049	7.161945863
ENSMUSG00000028633	36.78749627	49.38882431	35.30755239	123.2350238	90.24051788
ENSMUSG00000028635	4.244711108	4.173703463	4.943057334	6.443661377	7.87814045
ENSMUSG00000028642	8.489422215	7.651789682	4.943057334	4.02728836	6.445751277
ENSMUSG00000028661	9.196874066	5.56493795	4.943057334	8.054576721	7.87814045
ENSMUSG00000028668	60.13340736	80.69160028	76.97046421	179.6170609	127.4826364
ENSMUSG00000028690	21.93100739	24.34660353	17.65377619	24.96918783	22.20203218

ENSMUSG00000028699	8.489422215	4.869320706	10.59226572	9.665492065	12.17530797
ENSMUSG00000028701	17.68629628	24.34660353	16.94762515	23.35827249	25.78300511
ENSMUSG00000028709	29.71297775	38.25894841	36.71985448	37.05105292	25.78300511
ENSMUSG00000028715	8.489422215	9.043024169	4.943057334	7.249119049	3.580972932
ENSMUSG00000028719	33.25023701	52.86691053	48.7244223	53.16020636	61.59273443
ENSMUSG00000028743	60.84085921	111.298759	88.26888097	32.21830688	51.56601022
ENSMUSG00000028749	9.904325918	2.782468975	7.061510478	4.02728836	7.87814045
ENSMUSG00000028755	9.904325918	4.869320706	2.118453143	5.638203705	5.729556691
ENSMUSG00000028757	46.69182218	49.38882431	38.13215658	132.9005159	93.10529622
ENSMUSG00000028773	7.781970364	1.391234488	9.886114669	3.221830688	5.729556691
ENSMUSG00000028777	7.074518513	6.956172438	7.061510478	6.443661377	7.161945863
ENSMUSG00000028807	5.65961481	10.43425866	7.767661525	9.665492065	16.47247549
ENSMUSG00000028813	9.904325918	9.043024169	9.886114669	8.054576721	8.594335036
ENSMUSG00000028821	52.35143699	106.4294383	90.38733411	82.15668255	93.82149081
ENSMUSG00000028825	5.65961481	5.56493795	4.236906287	12.08186508	15.04008631
ENSMUSG00000028837	87.72402956	139.819066	110.1595635	249.6918783	204.1154571
ENSMUSG00000028843	179.6927702	170.4262247	182.8931214	206.1971641	166.157144
ENSMUSG00000028847	51.64398514	71.64857611	68.49665163	47.52200265	46.55264811
ENSMUSG00000028850	11.31922962	19.47728283	20.47838039	29.80193387	33.66114556
ENSMUSG00000028851	53.7663407	80.69160028	79.7950684	205.3917064	141.8065281
ENSMUSG00000028854	0	0	0	0	0
ENSMUSG00000028862	8.489422215	9.738641413	5.649208382	5.638203705	7.161945863
ENSMUSG00000028864	10.61177777	9.738641413	7.767661525	3.221830688	5.013362104
ENSMUSG00000028871	4.244711108	3.478086219	5.649208382	7.249119049	6.445751277
ENSMUSG00000028876	15.56394073	9.043024169	9.886114669	4.02728836	9.310529622
ENSMUSG00000028879	40.32475552	57.04061399	62.84744325	74.10210583	67.32229112
ENSMUSG00000028885	7.074518513	9.043024169	11.29841676	10.47094974	5.729556691
ENSMUSG00000028893	1.414903703	3.478086219	2.824604191	0.805457672	0.716194586
ENSMUSG00000028902	36.08004441	60.51870021	48.7244223	104.7094974	75.91662615
ENSMUSG00000028907	62.96321476	97.38641413	87.56272992	143.3714656	100.2672421
ENSMUSG00000028920	104.702874	143.9927695	130.6379438	120.8186508	128.198831
ENSMUSG00000028927	2.829807405	9.738641413	12.00456781	8.860034393	5.729556691
ENSMUSG00000028932	50.93653329	77.21351406	78.3827663	174.7843148	139.6579443
ENSMUSG00000028938	9.196874066	8.347406925	7.061510478	4.02728836	9.310529622
ENSMUSG00000028940	9.904325918	4.869320706	15.53532305	10.47094974	7.87814045
ENSMUSG00000028945	94.79854807	83.47406925	89.68118307	164.3133651	143.2389173
ENSMUSG00000028946	10.61177777	6.260555194	5.649208382	6.443661377	8.594335036
ENSMUSG00000028950	54.47379255	69.56172438	71.32125582	136.1223466	116.7397176
ENSMUSG00000028955	28.29807405	70.95295887	48.7244223	49.93837567	59.44415067
ENSMUSG00000028963	5.65961481	10.43425866	4.236906287	4.832746033	5.013362104
ENSMUSG00000028970	8.489422215	9.043024169	12.71071886	37.85651059	34.37734014
ENSMUSG00000028971	8.489422215	13.21672763	10.59226572	8.860034393	10.02672421
ENSMUSG00000028982	18.39374813	29.91154148	30.36449505	45.91108731	46.55264811



ENSMUSG00000028989	12.02668147	20.86851731	26.12758877	17.72006879	21.48583759
ENSMUSG00000028996	11.31922962	6.260555194	7.061510478	4.832746033	4.297167518
ENSMUSG00000028998	33.25023701	41.04141738	37.42600553	81.35122488	75.20043157
ENSMUSG00000029005	11.31922962	6.956172438	7.767661525	8.054576721	4.297167518
ENSMUSG00000029007	12.73413332	29.21592424	26.12758877	17.72006879	16.47247549
ENSMUSG00000029015	8.489422215	4.869320706	4.943057334	2.416373016	7.161945863
ENSMUSG00000029019	8.489422215	8.347406925	2.118453143	7.249119049	7.161945863
ENSMUSG00000029027	58.71850365	112.6899935	80.50121945	92.62763229	78.7814045
ENSMUSG00000029034	53.05888884	95.99517964	70.61510478	138.5387196	104.5644096
ENSMUSG00000029038	84.1867703	120.3417832	111.5718655	156.2587884	122.4692743
ENSMUSG00000029048	91.26128881	121.0374004	110.1595635	192.5043836	150.4008631
ENSMUSG00000029054	7.074518513	4.173703463	5.649208382	4.832746033	11.45911338
ENSMUSG00000029059	5.65961481	9.043024169	2.824604191	8.054576721	8.594335036
ENSMUSG00000029061	10.61177777	6.260555194	7.061510478	5.638203705	7.87814045
ENSMUSG00000029070	5.65961481	8.347406925	9.886114669	13.69278043	14.32389173
ENSMUSG00000029072	12.02668147	11.82549314	11.29841676	13.69278043	11.45911338
ENSMUSG00000029073	65.08557032	70.95295887	62.1412922	117.5968201	110.2939663
ENSMUSG00000029075	13.44158517	9.738641413	14.12302096	15.30369577	9.310529622
ENSMUSG00000029084	212.9430072	223.9887525	204.7838039	111.1531587	114.5911338
ENSMUSG00000029089	14.85648888	20.17290007	14.829172	28.9964762	23.63442135
ENSMUSG00000029102	12.02668147	2.086851731	2.824604191	2.416373016	3.580972932
ENSMUSG00000029111	67.20792587	98.77764862	81.20737049	146.5932963	123.9016634
ENSMUSG00000029119	14.85648888	31.30277597	28.24604191	20.94189947	16.47247549
ENSMUSG00000029123	6.367066661	6.260555194	9.179963621	5.638203705	6.445751277
ENSMUSG00000029126	7.781970364	3.478086219	8.473812573	8.860034393	4.297167518
ENSMUSG00000029136	21.22355554	36.86771392	35.30755239	35.44013757	46.55264811
ENSMUSG00000029138	7.781970364	6.956172438	5.649208382	7.249119049	10.7429188
ENSMUSG00000029158	5.65961481	8.347406925	6.35535943	4.832746033	7.161945863
ENSMUSG00000029161	10.61177777	4.173703463	6.35535943	8.054576721	5.013362104
ENSMUSG00000029163	12.73413332	6.260555194	7.767661525	4.832746033	10.02672421
ENSMUSG00000029177	51.64398514	61.21431745	60.02283906	154.647873	97.40246374
ENSMUSG00000029193	8.489422215	6.956172438	9.886114669	6.443661377	7.161945863
ENSMUSG00000029196	60.84085921	86.95215547	91.79963621	90.21125927	77.34901533
ENSMUSG00000029198	103.2879703	122.4286349	131.3440949	174.7843148	130.3474147
ENSMUSG00000029204	199.5014221	204.5114697	170.1824025	208.6135371	166.8733386
ENSMUSG00000029229	60.84085921	68.17048989	80.50121945	90.21125927	63.0251236
ENSMUSG00000029236	9.904325918	7.651789682	9.179963621	6.443661377	9.310529622
ENSMUSG00000029250	103.2879703	132.1672763	129.9317928	233.5827249	181.1972303
ENSMUSG00000029255	5.65961481	7.651789682	10.59226572	4.02728836	10.02672421
ENSMUSG00000029265	50.93653329	66.08363816	62.84744325	111.1531587	100.2672421
ENSMUSG00000029268	6.367066661	9.043024169	2.824604191	4.02728836	3.580972932
ENSMUSG00000029272	6.367066661	6.260555194	7.061510478	5.638203705	8.594335036
ENSMUSG00000029282	9.196874066	7.651789682	7.061510478	8.860034393	4.297167518

ENSMUSG00000029306	3.537259256	6.956172438	2.824604191	1.610915344	2.148583759
ENSMUSG00000029307	9.196874066	6.956172438	10.59226572	6.443661377	7.87814045
ENSMUSG00000029309	9.196874066	4.173703463	12.00456781	4.02728836	6.445751277
ENSMUSG00000029319	21.93100739	42.43265187	33.18909925	62.02024075	44.40406435
ENSMUSG00000029321	8.489422215	4.173703463	6.35535943	5.638203705	7.161945863
ENSMUSG00000029330	6.367066661	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000029335	14.14903703	3.478086219	5.649208382	8.860034393	5.013362104
ENSMUSG00000029337	9.904325918	4.869320706	5.649208382	3.221830688	5.729556691
ENSMUSG00000029371	8.489422215	9.043024169	5.649208382	5.638203705	4.297167518
ENSMUSG00000029372	7.074518513	2.782468975	12.00456781	7.249119049	7.87814045
ENSMUSG00000029373	7.074518513	9.738641413	8.473812573	5.638203705	5.013362104
ENSMUSG00000029375	8.489422215	6.956172438	5.649208382	4.832746033	7.87814045
ENSMUSG00000029376	7.781970364	9.738641413	17.65377619	9.665492065	14.32389173
ENSMUSG00000029377	9.196874066	7.651789682	6.35535943	4.832746033	9.310529622
ENSMUSG00000029378	9.904325918	7.651789682	7.061510478	3.221830688	4.297167518
ENSMUSG00000029384	77.11225179	99.47326586	103.804204	121.6241085	112.4425501
ENSMUSG00000029401	25.46826665	27.82468975	30.36449505	305.2684577	197.6697058
ENSMUSG00000029402	28.29807405	47.30197258	43.07521391	42.68925662	43.68786977
ENSMUSG00000029409	8.489422215	7.651789682	9.179963621	4.832746033	8.594335036
ENSMUSG00000029415	77.11225179	95.99517964	104.5103551	203.780791	147.5360848
ENSMUSG00000029417	11.31922962	15.30357936	4.236906287	4.02728836	7.87814045
ENSMUSG00000029419	9.196874066	10.43425866	7.767661525	11.27640741	9.310529622
ENSMUSG00000029426	24.05336294	50.08444155	34.60140134	24.16373016	30.79636721
ENSMUSG00000029431	4.952162959	4.173703463	3.530755239	4.832746033	7.161945863
ENSMUSG00000029436	0	0	0.706151048	0	0
ENSMUSG00000029438	55.1812444	66.7792554	74.14586002	57.99295239	47.98503729
ENSMUSG00000029463	36.08004441	58.43184848	48.01827125	83.7675979	68.75468029
ENSMUSG00000029474	45.98437033	72.34419335	62.1412922	87.79488626	72.33565322
ENSMUSG00000029482	41.03220737	68.17048989	77.67661525	93.43308996	77.34901533
ENSMUSG00000029490	8.489422215	9.738641413	3.530755239	5.638203705	7.161945863
ENSMUSG00000029491	9.196874066	9.043024169	7.767661525	5.638203705	8.594335036
ENSMUSG00000029504	29.0055259	50.08444155	43.07521391	132.0950582	99.5510475
ENSMUSG00000029521	14.85648888	38.95456565	30.36449505	56.38203705	49.41742646
ENSMUSG00000029526	9.196874066	6.260555194	4.943057334	8.860034393	6.445751277
ENSMUSG00000029535	66.50047402	99.47326586	77.67661525	115.1804471	108.1453825
ENSMUSG00000029536	47.39927403	104.3425866	104.5103551	109.5422434	105.9967988
ENSMUSG00000029557	24.05336294	30.60715873	31.77679715	29.80193387	20.05344842
ENSMUSG00000029569	82.7718666	105.0382038	89.68118307	114.3749894	83.07857202
ENSMUSG00000029570	99.75071103	98.08203137	89.68118307	91.82217462	90.24051788
ENSMUSG00000029586	14.14903703	17.39043109	16.94762515	12.88732275	15.7562809
ENSMUSG00000029595	12.02668147	6.956172438	7.061510478	10.47094974	10.7429188
ENSMUSG00000029616	24.76081479	33.3896277	35.30755239	116.7913625	103.1320204
ENSMUSG00000029620	7.074518513	4.173703463	6.35535943	6.443661377	6.445751277

ENSMUSG00000029632	70.74518513	129.3848073	107.3349593	157.0642461	137.5093606
ENSMUSG00000029641	7.781970364	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000029644	6.367066661	4.869320706	7.767661525	9.665492065	5.013362104
ENSMUSG00000029646	4.244711108	7.651789682	4.943057334	6.443661377	5.013362104
ENSMUSG00000029678	7.781970364	8.347406925	6.35535943	4.02728836	5.729556691
ENSMUSG00000029679	10.61177777	6.956172438	7.061510478	4.02728836	8.594335036
ENSMUSG00000029680	12.73413332	4.173703463	7.767661525	3.221830688	7.161945863
ENSMUSG00000029682	7.074518513	6.260555194	7.767661525	6.443661377	9.310529622
ENSMUSG00000029683	5.65961481	5.56493795	6.35535943	4.832746033	4.297167518
ENSMUSG00000029697	6.367066661	6.956172438	6.35535943	4.832746033	4.297167518
ENSMUSG00000029707	12.73413332	12.52111039	9.886114669	8.860034393	15.04008631
ENSMUSG00000029708	5.65961481	9.043024169	9.179963621	4.02728836	9.310529622
ENSMUSG00000029715	12.02668147	20.17290007	24.71528667	35.44013757	39.39070225
ENSMUSG00000029727	7.074518513	9.738641413	6.35535943	7.249119049	9.310529622
ENSMUSG00000029759	10.61177777	8.347406925	5.649208382	14.4982381	7.87814045
ENSMUSG00000029762	6.367066661	7.651789682	6.35535943	4.832746033	8.594335036
ENSMUSG00000029766	16.97884443	4.869320706	6.35535943	2.416373016	3.580972932
ENSMUSG00000029781	12.02668147	8.347406925	7.767661525	5.638203705	7.161945863
ENSMUSG00000029813	10.61177777	4.869320706	5.649208382	4.02728836	9.310529622
ENSMUSG00000029819	7.781970364	2.086851731	3.530755239	5.638203705	8.594335036
ENSMUSG00000029828	4.952162959	5.56493795	7.767661525	8.054576721	10.02672421
ENSMUSG00000029829	11.31922962	8.347406925	4.236906287	5.638203705	9.310529622
ENSMUSG00000029831	6.367066661	6.260555194	6.35535943	5.638203705	4.297167518
ENSMUSG00000029840	72.16008883	63.30116918	76.26431316	186.0607223	117.4559122
ENSMUSG00000029843	8.489422215	9.738641413	4.236906287	6.443661377	4.297167518
ENSMUSG00000029844	9.904325918	6.260555194	7.767661525	4.02728836	5.013362104
ENSMUSG00000029851	11.31922962	6.956172438	5.649208382	6.443661377	5.729556691
ENSMUSG00000029859	4.952162959	5.56493795	9.179963621	4.02728836	3.580972932
ENSMUSG00000029864	6.367066661	8.347406925	7.061510478	8.054576721	9.310529622
ENSMUSG00000029865	7.781970364	4.869320706	6.35535943	3.221830688	8.594335036
ENSMUSG00000029867	5.65961481	9.738641413	7.767661525	6.443661377	4.297167518
ENSMUSG00000029869	6.367066661	6.260555194	4.943057334	3.221830688	2.148583759
ENSMUSG00000029875	6.367066661	4.869320706	6.35535943	8.054576721	9.310529622
ENSMUSG00000029882	9.196874066	6.260555194	7.767661525	11.27640741	9.310529622
ENSMUSG00000029909	12.02668147	7.651789682	8.473812573	3.221830688	9.310529622
ENSMUSG00000029918	24.05336294	43.82388636	29.65834401	39.46742593	34.37734014
ENSMUSG00000029919	13.44158517	14.60796212	15.53532305	48.32746033	40.10689684
ENSMUSG00000029920	25.46826665	41.73703463	36.71985448	55.57657937	46.55264811
ENSMUSG00000029923	20.51610369	26.43345526	20.47838039	12.88732275	20.05344842
ENSMUSG00000030001	4.952162959	7.651789682	6.35535943	8.054576721	3.580972932
ENSMUSG00000030004	6.367066661	7.651789682	4.943057334	6.443661377	7.161945863
ENSMUSG00000030007	70.74518513	108.51629	88.26888097	207.0026217	153.9818361
ENSMUSG00000030008	48.81417774	76.51789682	60.72899011	152.2315	123.9016634

ENSMUSG00000030017	11.31922962	7.651789682	8.473812573	4.832746033	2.148583759
ENSMUSG00000030019	39.61730367	65.38802092	67.79050059	151.4260424	108.8615771
ENSMUSG00000030030	8.489422215	9.738641413	7.767661525	4.832746033	5.729556691
ENSMUSG00000030036	26.1757185	64.69240367	50.13672439	89.4058016	83.07857202
ENSMUSG00000030037	24.05336294	47.99758982	42.36906287	62.02024075	65.17370736
ENSMUSG00000030041	9.196874066	10.43425866	12.00456781	4.832746033	6.445751277
ENSMUSG00000030046	9.196874066	5.56493795	7.767661525	1.610915344	7.161945863
ENSMUSG00000030048	7.781970364	6.260555194	7.061510478	5.638203705	10.7429188
ENSMUSG00000030049	9.196874066	5.56493795	10.59226572	8.054576721	11.45911338
ENSMUSG00000030050	8.489422215	11.1298759	5.649208382	6.443661377	8.594335036
ENSMUSG00000030054	9.904325918	9.738641413	8.473812573	12.08186508	7.161945863
ENSMUSG00000030056	40.32475552	59.82308296	46.60596915	95.04400531	81.64618284
ENSMUSG00000030062	70.03773327	111.9943762	89.68118307	190.0880106	134.6445822
ENSMUSG00000030074	8.489422215	5.56493795	7.061510478	2.416373016	6.445751277
ENSMUSG00000030093	8.489422215	5.56493795	6.35535943	3.221830688	6.445751277
ENSMUSG00000030094	46.69182218	75.82227957	68.49665163	118.4022778	94.5376854
ENSMUSG00000030096	58.71850365	84.86530374	82.61967259	99.87675134	101.6996313
ENSMUSG00000030104	88.43148141	126.6023384	113.6903187	244.0536746	186.926787
ENSMUSG00000030105	98.33580733	152.3401764	123.5764334	193.3098413	175.4676737
ENSMUSG00000030111	12.02668147	3.478086219	3.530755239	10.47094974	4.297167518
ENSMUSG00000030114	9.196874066	8.347406925	9.179963621	5.638203705	6.445751277
ENSMUSG00000030117	11.31922962	6.956172438	6.35535943	6.443661377	11.45911338
ENSMUSG00000030124	7.781970364	6.260555194	10.59226572	10.47094974	11.45911338
ENSMUSG00000030131	12.02668147	4.173703463	6.35535943	7.249119049	4.297167518
ENSMUSG00000030137	8.489422215	4.173703463	6.35535943	9.665492065	7.87814045
ENSMUSG00000030138	29.0055259	45.21512085	62.84744325	114.3749894	75.20043157
ENSMUSG00000030143	12.02668147	8.347406925	6.35535943	4.832746033	5.729556691
ENSMUSG00000030144	7.781970364	6.956172438	12.00456781	7.249119049	5.013362104
ENSMUSG00000030155	8.489422215	7.651789682	9.886114669	8.860034393	7.161945863
ENSMUSG00000030156	83.47931845	105.0382038	77.67661525	279.4938122	182.6296195
ENSMUSG00000030157	94.09109622	102.9513521	91.79963621	154.647873	142.5227227
ENSMUSG00000030160	12.73413332	2.782468975	3.530755239	6.443661377	9.310529622
ENSMUSG00000030161	8.489422215	16.69481385	17.65377619	19.33098413	17.90486466
ENSMUSG00000030214	34.66514071	54.95376226	49.43057334	36.24559524	37.95831308
ENSMUSG00000030217	7.074518513	9.738641413	4.943057334	9.665492065	8.594335036
ENSMUSG00000030218	10.61177777	6.260555194	4.943057334	8.054576721	5.013362104
ENSMUSG00000030244	16.97884443	6.260555194	12.00456781	2.416373016	5.013362104
ENSMUSG00000030247	10.61177777	9.043024169	9.886114669	4.832746033	4.297167518
ENSMUSG00000030275	120.2668147	132.1672763	113.6903187	237.6100133	175.4676737
ENSMUSG00000030283	7.781970364	9.043024169	7.061510478	8.860034393	10.7429188
ENSMUSG00000030286	81.3569629	121.7330177	108.0411103	87.79488626	87.37573953
ENSMUSG00000030307	9.904325918	5.56493795	4.236906287	5.638203705	4.297167518
ENSMUSG00000030317	7.074518513	6.260555194	6.35535943	8.054576721	9.310529622

ENSMUSG00000030319	2.829807405	2.086851731	1.412302096	3.221830688	2.148583759
ENSMUSG00000030324	7.074518513	5.56493795	4.236906287	6.443661377	8.594335036
ENSMUSG00000030327	69.33028142	110.6031418	82.61967259	151.4260424	121.7530797
ENSMUSG00000030335	20.51610369	46.60635533	37.42600553	161.8969921	116.023523
ENSMUSG00000030339	7.781970364	6.260555194	3.530755239	6.443661377	9.310529622
ENSMUSG00000030342	16.97884443	20.17290007	12.71071886	20.1364418	18.62105924
ENSMUSG00000030347	28.29807405	40.34580014	20.47838039	62.02024075	70.90326405
ENSMUSG00000030350	9.196874066	2.782468975	4.236906287	0.805457672	7.87814045
ENSMUSG00000030351	11.31922962	6.260555194	6.35535943	3.221830688	6.445751277
ENSMUSG00000030364	6.367066661	9.043024169	3.530755239	6.443661377	6.445751277
ENSMUSG00000030373	11.31922962	12.52111039	3.530755239	4.832746033	5.013362104
ENSMUSG00000030376	5.65961481	10.43425866	12.00456781	6.443661377	5.013362104
ENSMUSG00000030385	8.489422215	6.956172438	6.35535943	5.638203705	9.310529622
ENSMUSG00000030393	9.904325918	13.21672763	9.886114669	8.860034393	7.161945863
ENSMUSG00000030399	9.196874066	6.956172438	5.649208382	5.638203705	7.161945863
ENSMUSG00000030402	10.61177777	9.043024169	9.886114669	8.054576721	5.729556691
ENSMUSG00000030403	29.0055259	36.17209668	40.25060972	115.9859048	68.0384857
ENSMUSG00000030406	5.65961481	6.260555194	7.767661525	8.860034393	9.310529622
ENSMUSG00000030407	24.05336294	36.86771392	36.01370344	77.32393652	68.75468029
ENSMUSG00000030413	20.51610369	42.43265187	30.36449505	17.72006879	15.04008631
ENSMUSG00000030421	47.39927403	75.12666233	59.31668801	76.51847885	70.18706946
ENSMUSG00000030423	43.86201478	54.25814501	52.25517753	82.15668255	73.05184781
ENSMUSG00000030431	10.61177777	21.56413456	15.53532305	24.96918783	25.78300511
ENSMUSG00000030463	7.074518513	9.738641413	6.35535943	3.221830688	7.161945863
ENSMUSG00000030472	7.781970364	4.869320706	5.649208382	1.610915344	6.445751277
ENSMUSG00000030474	7.074518513	8.347406925	4.943057334	6.443661377	3.580972932
ENSMUSG00000030484	14.14903703	6.956172438	6.35535943	6.443661377	7.161945863
ENSMUSG00000030499	10.61177777	8.347406925	6.35535943	1.610915344	5.729556691
ENSMUSG00000030500	5.65961481	2.782468975	8.473812573	8.054576721	4.297167518
ENSMUSG00000030507	5.65961481	5.56493795	7.061510478	2.416373016	3.580972932
ENSMUSG00000030515	8.489422215	9.043024169	9.179963621	13.69278043	6.445751277
ENSMUSG00000030525	3.537259256	7.651789682	4.236906287	2.416373016	8.594335036
ENSMUSG00000030532	14.14903703	18.08604834	12.00456781	10.47094974	11.45911338
ENSMUSG00000030544	7.781970364	2.782468975	3.530755239	1.610915344	7.161945863
ENSMUSG00000030545	12.02668147	6.956172438	7.767661525	7.249119049	10.02672421
ENSMUSG00000030549	9.904325918	3.478086219	7.767661525	8.054576721	7.87814045
ENSMUSG00000030553	18.39374813	14.60796212	10.59226572	11.27640741	10.7429188
ENSMUSG00000030559	4.244711108	6.956172438	7.767661525	8.860034393	6.445751277
ENSMUSG00000030587	11.31922962	14.60796212	6.35535943	4.02728836	10.02672421
ENSMUSG00000030602	68.62282957	93.21271067	91.09348516	66.85298678	66.60609653
ENSMUSG00000030606	1.414903703	3.478086219	2.824604191	6.443661377	2.864778345
ENSMUSG00000030607	8.489422215	5.56493795	4.943057334	5.638203705	8.594335036
ENSMUSG00000030612	38.20239997	73.0398106	79.7950684	99.87675134	85.94335036

ENSMUSG00000030614	40.32475552	50.7800588	43.07521391	38.66196826	51.56601022
ENSMUSG00000030619	58.71850365	83.47406925	64.25974535	161.8969921	125.3340526
ENSMUSG00000030647	80.64951104	107.8206728	99.56729774	144.1769233	103.848215
ENSMUSG00000030653	7.781970364	8.347406925	6.35535943	7.249119049	9.310529622
ENSMUSG00000030654	92.67619252	137.036597	88.26888097	248.8864207	163.2923657
ENSMUSG00000030660	44.56946663	66.7792554	79.08891735	55.57657937	71.61945863
ENSMUSG00000030662	43.15456293	51.47567604	51.54902649	146.5932963	97.40246374
ENSMUSG00000030671	26.1757185	32.69401046	33.18909925	82.96214023	84.51096119
ENSMUSG00000030674	6.367066661	4.869320706	12.00456781	8.054576721	8.594335036
ENSMUSG00000030677	82.06441475	84.1696865	90.38733411	100.682209	96.68626916
ENSMUSG00000030678	36.78749627	49.38882431	51.54902649	173.9788572	128.198831
ENSMUSG00000030680	1.414903703	4.173703463	4.236906287	1.610915344	2.148583759
ENSMUSG00000030682	71.45263698	86.95215547	74.14586002	104.7094974	87.37573953
ENSMUSG00000030685	31.12788146	42.43265187	43.78136496	35.44013757	40.10689684
ENSMUSG00000030697	55.88869625	90.43024169	84.73812573	202.1698757	146.8198902
ENSMUSG00000030703	5.65961481	10.43425866	15.53532305	10.47094974	10.7429188
ENSMUSG00000030713	3.537259256	2.086851731	4.236906287	7.249119049	7.161945863
ENSMUSG00000030717	15.56394073	6.260555194	4.236906287	6.443661377	6.445751277
ENSMUSG00000030718	71.45263698	107.1250555	87.56272992	103.098582	100.2672421
ENSMUSG00000030722	22.63845924	34.08524495	31.77679715	41.88379895	43.68786977
ENSMUSG00000030724	220.7249776	231.6405422	215.3760696	552.5439631	367.4078228
ENSMUSG00000030725	2.829807405	6.956172438	10.59226572	9.665492065	9.310529622
ENSMUSG00000030742	4.244711108	2.782468975	9.179963621	6.443661377	5.013362104
ENSMUSG00000030745	161.2990221	155.8182626	163.8270431	391.4524286	270.7215536
ENSMUSG00000030747	4.952162959	7.651789682	7.767661525	9.665492065	5.729556691
ENSMUSG00000030748	234.8740146	209.3807904	215.3760696	463.1381615	343.7734014
ENSMUSG00000030752	29.0055259	34.08524495	37.42600553	43.49471429	45.12025894
ENSMUSG00000030754	67.20792587	97.38641413	62.84744325	81.35122488	70.18706946
ENSMUSG00000030763	37.49494812	57.04061399	55.07978173	38.66196826	46.55264811
ENSMUSG00000030772	5.65961481	6.260555194	8.473812573	7.249119049	5.013362104
ENSMUSG00000030775	8.489422215	6.956172438	2.824604191	8.860034393	7.161945863
ENSMUSG00000030785	7.781970364	4.869320706	7.061510478	9.665492065	9.310529622
ENSMUSG00000030787	6.367066661	8.347406925	8.473812573	3.221830688	7.87814045
ENSMUSG00000030789	4.244711108	6.260555194	4.236906287	4.832746033	7.87814045
ENSMUSG00000030792	9.904325918	8.347406925	10.59226572	7.249119049	10.7429188
ENSMUSG00000030793	25.46826665	25.04222078	35.30755239	32.21830688	22.20203218
ENSMUSG00000030806	9.196874066	5.56493795	6.35535943	8.860034393	4.297167518
ENSMUSG00000030816	47.39927403	72.34419335	55.78593277	53.96566403	60.87653984
ENSMUSG00000030823	15.56394073	55.6493795	50.13672439	28.19101852	41.53928601
ENSMUSG00000030827	5.65961481	7.651789682	3.530755239	10.47094974	8.594335036
ENSMUSG00000030834	11.31922962	9.043024169	7.061510478	5.638203705	10.02672421
ENSMUSG00000030835	43.86201478	82.08283477	59.31668801	116.7913625	121.0368851
ENSMUSG00000030847	7.074518513	5.56493795	7.061510478	10.47094974	5.013362104

ENSMUSG00000030859	6.367066661	5.56493795	7.061510478	3.221830688	6.445751277
ENSMUSG00000030865	7.074518513	5.56493795	7.061510478	5.638203705	5.013362104
ENSMUSG00000030866	6.367066661	7.651789682	6.35535943	4.832746033	10.7429188
ENSMUSG00000030867	66.50047402	47.99758982	62.84744325	124.0404815	96.68626916
ENSMUSG00000030868	22.63845924	53.56252777	27.53989086	43.49471429	32.22875639
ENSMUSG00000030873	9.196874066	9.043024169	7.061510478	9.665492065	5.013362104
ENSMUSG00000030876	21.93100739	38.95456565	29.65834401	64.43661377	47.98503729
ENSMUSG00000030887	7.074518513	8.347406925	13.41686991	11.27640741	11.45911338
ENSMUSG00000030894	21.22355554	38.25894841	29.65834401	28.9964762	20.769643
ENSMUSG00000030895	9.904325918	1.391234488	2.824604191	8.860034393	5.013362104
ENSMUSG00000030897	7.781970364	6.956172438	10.59226572	4.832746033	7.161945863
ENSMUSG00000030905	11.31922962	4.869320706	7.061510478	3.221830688	7.87814045
ENSMUSG00000030909	7.074518513	7.651789682	7.767661525	7.249119049	5.013362104
ENSMUSG00000030911	10.61177777	6.260555194	8.473812573	4.832746033	9.310529622
ENSMUSG00000030934	74.28244438	79.99598303	69.20280268	80.54576721	67.32229112
ENSMUSG00000030942	25.46826665	36.17209668	20.47838039	80.54576721	56.57937232
ENSMUSG00000030963	5.65961481	8.347406925	4.236906287	6.443661377	5.013362104
ENSMUSG00000030968	8.489422215	8.347406925	5.649208382	6.443661377	5.729556691
ENSMUSG00000030972	9.904325918	9.738641413	4.236906287	7.249119049	7.87814045
ENSMUSG00000030976	7.781970364	3.478086219	5.649208382	8.054576721	7.87814045
ENSMUSG00000030981	12.02668147	6.260555194	7.061510478	7.249119049	7.87814045
ENSMUSG00000030983	50.93653329	77.21351406	71.32125582	82.15668255	70.90326405
ENSMUSG00000030987	60.13340736	95.2995624	78.3827663	56.38203705	65.88990194
ENSMUSG00000030996	6.367066661	8.347406925	9.886114669	8.054576721	12.17530797
ENSMUSG00000031004	118.1444592	121.0374004	111.5718655	286.7429313	206.9802355
ENSMUSG00000031007	33.95768886	47.30197258	49.43057334	48.32746033	42.25548059
ENSMUSG00000031015	176.155511	226.0756042	175.1254598	333.4594762	245.6547431
ENSMUSG00000031023	8.489422215	9.738641413	10.59226572	15.30369577	15.04008631
ENSMUSG00000031029	59.42595551	95.99517964	69.90895373	159.4806191	136.0769714
ENSMUSG00000031059	45.98437033	47.99758982	62.84744325	145.7878386	93.10529622
ENSMUSG00000031068	69.33028142	86.95215547	88.97503202	111.9586164	86.65954495
ENSMUSG00000031073	8.489422215	3.478086219	12.00456781	0.805457672	1.432389173
ENSMUSG00000031077	9.904325918	16.69481385	19.06607829	19.33098413	17.18867007
ENSMUSG00000031089	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000031101	62.25576291	63.99678643	60.02283906	136.9278043	84.51096119
ENSMUSG00000031104	6.367066661	4.173703463	4.236906287	0.805457672	2.864778345
ENSMUSG00000031107	19.80865184	27.12907251	19.06607829	40.2728836	26.49919969
ENSMUSG00000031118	5.65961481	2.782468975	5.649208382	1.610915344	0.716194586
ENSMUSG00000031119	4.952162959	2.086851731	3.530755239	4.02728836	2.148583759
ENSMUSG00000031125	6.367066661	6.260555194	6.35535943	4.02728836	3.580972932
ENSMUSG00000031129	9.904325918	17.39043109	12.71071886	5.638203705	7.161945863
ENSMUSG00000031130	3.537259256	3.478086219	3.530755239	5.638203705	0.716194586
ENSMUSG00000031132	3.537259256	2.782468975	2.824604191	4.832746033	1.432389173

ENSMUSG00000031143	10.61177777	20.17290007	19.77222934	15.30369577	12.17530797
ENSMUSG00000031146	24.05336294	25.04222078	24.00913562	75.71302118	60.87653984
ENSMUSG00000031147	1.414903703	4.869320706	6.35535943	8.054576721	9.310529622
ENSMUSG00000031149	6.367066661	9.738641413	10.59226572	8.054576721	11.45911338
ENSMUSG00000031160	1.414903703	4.869320706	4.943057334	2.416373016	5.729556691
ENSMUSG00000031163	6.367066661	2.782468975	6.35535943	3.221830688	5.013362104
ENSMUSG00000031165	45.27691848	69.56172438	67.79050059	99.07129367	75.91662615
ENSMUSG00000031176	25.46826665	44.5195036	39.54445867	27.38556085	22.91822676
ENSMUSG00000031181	7.781970364	2.086851731	4.236906287	3.221830688	3.580972932
ENSMUSG00000031194	6.367066661	3.478086219	5.649208382	0.805457672	2.864778345
ENSMUSG00000031198	16.97884443	30.60715873	16.2414741	20.94189947	22.91822676
ENSMUSG00000031202	1.414903703	0	0.706151048	0	2.148583759
ENSMUSG00000031204	4.952162959	3.478086219	4.943057334	2.416373016	3.580972932
ENSMUSG00000031212	5.65961481	2.782468975	5.649208382	1.610915344	2.148583759
ENSMUSG00000031217	2.122355554	6.956172438	7.767661525	4.02728836	5.729556691
ENSMUSG00000031221	17.68629628	30.60715873	26.12758877	41.88379895	30.08017263
ENSMUSG00000031224	3.537259256	4.173703463	4.236906287	3.221830688	6.445751277
ENSMUSG00000031227	6.367066661	2.782468975	6.35535943	1.610915344	1.432389173
ENSMUSG00000031230	4.244711108	2.782468975	3.530755239	3.221830688	2.148583759
ENSMUSG00000031231	32.54278516	45.91073809	46.60596915	109.5422434	80.21379367
ENSMUSG00000031233	8.489422215	4.869320706	9.886114669	7.249119049	3.580972932
ENSMUSG00000031239	2.122355554	2.782468975	2.824604191	0.805457672	5.013362104
ENSMUSG00000031242	2.122355554	11.82549314	14.12302096	8.054576721	9.310529622
ENSMUSG00000031245	8.489422215	9.738641413	4.943057334	9.665492065	10.7429188
ENSMUSG00000031250	4.244711108	3.478086219	3.530755239	0.805457672	6.445751277
ENSMUSG00000031258	72.16008883	77.21351406	88.26888097	37.85651059	30.79636721
ENSMUSG00000031266	36.08004441	88.34338996	67.08434954	95.84946298	73.76804239
ENSMUSG00000031270	5.65961481	4.173703463	0.706151048	6.443661377	2.148583759
ENSMUSG00000031286	8.489422215	7.651789682	6.35535943	6.443661377	11.45911338
ENSMUSG00000031312	3.537259256	6.260555194	3.530755239	9.665492065	7.87814045
ENSMUSG00000031320	15.56394073	18.78166558	19.06607829	111.1531587	72.33565322
ENSMUSG00000031323	4.244711108	1.391234488	2.118453143	1.610915344	1.432389173
ENSMUSG00000031326	0	0.695617244	2.118453143	1.610915344	1.432389173
ENSMUSG00000031329	9.196874066	2.782468975	6.35535943	2.416373016	2.148583759
ENSMUSG00000031330	6.367066661	6.956172438	2.824604191	4.02728836	0
ENSMUSG00000031333	52.35143699	84.1696865	58.61053696	69.2693598	54.43078856
ENSMUSG00000031340	2.829807405	2.782468975	4.943057334	4.02728836	3.580972932
ENSMUSG00000031349	24.76081479	31.99839321	21.89068248	31.41284921	30.79636721
ENSMUSG00000031357	25.46826665	44.5195036	40.25060972	29.80193387	30.79636721
ENSMUSG00000031364	1.414903703	4.173703463	4.236906287	2.416373016	2.148583759
ENSMUSG00000031372	2.829807405	4.173703463	4.236906287	2.416373016	2.148583759
ENSMUSG00000031373	2.122355554	2.086851731	1.412302096	3.221830688	3.580972932
ENSMUSG00000031383	0	0.695617244	4.943057334	3.221830688	4.297167518



ENSMUSG00000031384	4.952162959	2.086851731	2.824604191	1.610915344	2.864778345
ENSMUSG00000031390	6.367066661	5.56493795	9.179963621	2.416373016	4.297167518
ENSMUSG00000031409	5.65961481	4.869320706	3.530755239	6.443661377	2.864778345
ENSMUSG00000031430	2.829807405	1.391234488	2.824604191	1.610915344	2.864778345
ENSMUSG00000031432	28.29807405	38.25894841	33.18909925	49.132918	36.5259239
ENSMUSG00000031443	8.489422215	4.869320706	4.236906287	11.27640741	7.161945863
ENSMUSG00000031445	13.44158517	9.738641413	5.649208382	8.860034393	5.013362104
ENSMUSG00000031447	56.5961481	91.12585893	88.26888097	100.682209	74.48423698
ENSMUSG00000031450	7.074518513	6.956172438	5.649208382	7.249119049	10.02672421
ENSMUSG00000031451	7.781970364	4.173703463	5.649208382	5.638203705	4.297167518
ENSMUSG00000031458	7.781970364	6.260555194	9.179963621	5.638203705	9.310529622
ENSMUSG00000031461	5.65961481	8.347406925	6.35535943	7.249119049	3.580972932
ENSMUSG00000031465	10.61177777	11.82549314	7.061510478	9.665492065	12.89150255
ENSMUSG00000031471	12.02668147	3.478086219	7.767661525	6.443661377	5.729556691
ENSMUSG00000031479	38.20239997	57.73623123	37.42600553	67.65844446	63.74131818
ENSMUSG00000031481	11.31922962	11.82549314	6.35535943	4.02728836	5.729556691
ENSMUSG00000031482	10.61177777	12.52111039	16.94762515	26.58010318	20.05344842
ENSMUSG00000031483	14.14903703	30.60715873	24.71528667	29.80193387	17.18867007
ENSMUSG00000031487	14.85648888	22.95536904	21.89068248	37.05105292	30.79636721
ENSMUSG00000031490	21.22355554	40.34580014	36.71985448	48.32746033	40.82309142
ENSMUSG00000031494	7.781970364	4.869320706	12.71071886	5.638203705	6.445751277
ENSMUSG00000031495	7.074518513	8.347406925	10.59226572	4.832746033	6.445751277
ENSMUSG00000031504	16.97884443	22.2597518	23.30298458	29.80193387	30.79636721
ENSMUSG00000031513	21.93100739	27.12907251	33.18909925	12.08186508	13.60769714
ENSMUSG00000031517	12.73413332	8.347406925	6.35535943	5.638203705	10.7429188
ENSMUSG00000031518	9.196874066	14.60796212	5.649208382	7.249119049	5.729556691
ENSMUSG00000031519	13.44158517	4.173703463	8.473812573	5.638203705	4.297167518
ENSMUSG00000031520	2.829807405	2.086851731	4.236906287	4.02728836	4.297167518
ENSMUSG00000031521	15.56394073	24.34660353	22.59683353	18.52552646	25.06681052
ENSMUSG00000031527	91.26128881	108.51629	94.6242404	132.9005159	133.2121931
ENSMUSG00000031529	42.44711108	63.30116918	61.43514116	95.84946298	90.24051788
ENSMUSG00000031530	40.32475552	53.56252777	67.08434954	202.1698757	147.5360848
ENSMUSG00000031532	6.367066661	12.52111039	11.29841676	11.27640741	11.45911338
ENSMUSG00000031533	54.47379255	89.0390072	48.7244223	66.85298678	73.05184781
ENSMUSG00000031535	8.489422215	12.52111039	9.179963621	7.249119049	3.580972932
ENSMUSG00000031536	36.08004441	70.25734162	45.8998181	49.93837567	49.41742646
ENSMUSG00000031538	9.904325918	6.956172438	3.530755239	12.88732275	10.7429188
ENSMUSG00000031539	11.31922962	41.04141738	28.95219296	18.52552646	16.47247549
ENSMUSG00000031545	38.20239997	78.60474855	67.08434954	110.3477011	96.68626916
ENSMUSG00000031546	20.51610369	31.30277597	28.95219296	24.16373016	30.79636721
ENSMUSG00000031548	9.904325918	5.56493795	8.473812573	3.221830688	5.013362104
ENSMUSG00000031556	55.1812444	73.0398106	74.14586002	109.5422434	123.9016634
ENSMUSG00000031563	6.367066661	2.086851731	8.473812573	7.249119049	8.594335036

ENSMUSG00000031574	12.73413332	6.956172438	11.29841676	6.443661377	7.87814045
ENSMUSG00000031578	79.94205919	111.9943762	98.15499564	227.1390635	153.2656415
ENSMUSG00000031590	65.08557032	103.6469693	80.50121945	97.46037832	69.47087488
ENSMUSG00000031594	5.65961481	10.43425866	6.35535943	1.610915344	5.729556691
ENSMUSG00000031595	7.781970364	6.260555194	16.94762515	7.249119049	7.87814045
ENSMUSG00000031605	19.10119998	43.82388636	36.01370344	54.7711217	60.16034525
ENSMUSG00000031609	16.97884443	16.69481385	23.30298458	28.19101852	25.06681052
ENSMUSG00000031610	5.65961481	5.56493795	7.767661525	6.443661377	10.7429188
ENSMUSG00000031613	8.489422215	11.82549314	12.00456781	5.638203705	6.445751277
ENSMUSG00000031616	8.489422215	4.869320706	7.061510478	7.249119049	7.161945863
ENSMUSG00000031621	3.537259256	6.260555194	9.179963621	5.638203705	8.594335036
ENSMUSG00000031627	193.1343554	226.0756042	218.9068248	430.9198546	310.8284505
ENSMUSG00000031628	35.37259256	48.69320706	39.54445867	82.96214023	74.48423698
ENSMUSG00000031633	9.904325918	24.34660353	21.18453143	62.82569842	48.70123187
ENSMUSG00000031636	7.781970364	4.173703463	3.530755239	4.832746033	6.445751277
ENSMUSG00000031642	9.904325918	6.260555194	9.179963621	14.4982381	22.91822676
ENSMUSG00000031645	7.781970364	5.56493795	11.29841676	4.02728836	5.013362104
ENSMUSG00000031651	9.196874066	4.869320706	8.473812573	4.02728836	5.729556691
ENSMUSG00000031662	121.6817184	141.9059177	121.4579802	304.4630001	200.5344842
ENSMUSG00000031665	9.196874066	4.869320706	9.886114669	4.02728836	5.729556691
ENSMUSG00000031672	43.15456293	51.47567604	61.43514116	128.0677699	89.52432329
ENSMUSG00000031673	6.367066661	4.173703463	6.35535943	4.02728836	5.013362104
ENSMUSG00000031682	9.904325918	5.56493795	6.35535943	8.860034393	10.02672421
ENSMUSG00000031688	6.367066661	11.1298759	7.767661525	2.416373016	7.87814045
ENSMUSG00000031696	135.1233036	184.3385696	172.3008557	268.2174048	224.1689055
ENSMUSG00000031701	79.23460734	78.60474855	83.32582364	207.8080794	174.0352845
ENSMUSG00000031703	26.1757185	53.56252777	51.54902649	49.132918	55.86317773
ENSMUSG00000031706	56.5961481	76.51789682	60.72899011	67.65844446	71.61945863
ENSMUSG00000031710	9.196874066	6.260555194	9.179963621	0.805457672	7.87814045
ENSMUSG00000031711	42.44711108	63.99678643	60.02283906	121.6241085	85.94335036
ENSMUSG00000031714	9.196874066	9.043024169	4.943057334	8.860034393	4.297167518
ENSMUSG00000031723	29.71297775	48.69320706	40.95676077	102.2931244	74.48423698
ENSMUSG00000031725	10.61177777	4.173703463	3.530755239	6.443661377	7.87814045
ENSMUSG00000031727	5.65961481	8.347406925	4.943057334	5.638203705	5.729556691
ENSMUSG00000031729	154.2245036	194.7728283	165.2393452	198.948045	156.8466144
ENSMUSG00000031740	7.074518513	5.56493795	4.943057334	1.610915344	6.445751277
ENSMUSG00000031755	24.05336294	34.78086219	40.25060972	33.82922223	32.22875639
ENSMUSG00000031756	21.22355554	20.86851731	27.53989086	40.2728836	36.5259239
ENSMUSG00000031757	7.781970364	6.956172438	9.179963621	6.443661377	8.594335036
ENSMUSG00000031760	8.489422215	4.173703463	7.767661525	4.832746033	5.013362104
ENSMUSG00000031762	7.074518513	10.43425866	6.35535943	1.610915344	5.729556691
ENSMUSG00000031765	14.14903703	20.86851731	13.41686991	15.30369577	17.90486466
ENSMUSG00000031766	11.31922962	9.738641413	6.35535943	8.860034393	7.87814045

ENSMUSG00000031774	154.9319554	199.642149	172.3008557	152.2315	144.6713064
ENSMUSG00000031775	2.122355554	4.173703463	4.236906287	3.221830688	2.864778345
ENSMUSG00000031779	8.489422215	9.043024169	11.29841676	15.30369577	11.45911338
ENSMUSG00000031780	9.196874066	6.260555194	5.649208382	3.221830688	10.7429188
ENSMUSG00000031786	6.367066661	10.43425866	8.473812573	3.221830688	8.594335036
ENSMUSG00000031787	15.56394073	26.43345526	19.06607829	20.1364418	15.04008631
ENSMUSG00000031790	7.074518513	7.651789682	4.943057334	4.02728836	5.013362104
ENSMUSG00000031791	21.22355554	39.6501829	31.0706461	37.05105292	45.12025894
ENSMUSG00000031796	35.37259256	59.12746572	50.84287544	58.79841006	70.18706946
ENSMUSG00000031799	41.73965922	70.95295887	62.1412922	105.514955	70.90326405
ENSMUSG00000031803	4.952162959	5.56493795	8.473812573	9.665492065	7.161945863
ENSMUSG00000031808	3.537259256	4.869320706	4.943057334	4.02728836	6.445751277
ENSMUSG00000031813	21.22355554	36.17209668	23.30298458	36.24559524	27.21539428
ENSMUSG00000031820	21.93100739	36.17209668	43.78136496	48.32746033	42.97167518
ENSMUSG00000031828	12.73413332	24.34660353	22.59683353	12.88732275	20.05344842
ENSMUSG00000031831	73.57499253	110.6031418	98.86114669	67.65844446	55.86317773
ENSMUSG00000031839	54.47379255	63.99678643	53.66747963	42.68925662	47.98503729
ENSMUSG00000031843	30.4204296	44.5195036	52.96132858	119.2077355	93.10529622
ENSMUSG00000031844	9.196874066	6.260555194	7.061510478	4.832746033	7.161945863
ENSMUSG00000031847	5.65961481	3.478086219	4.943057334	4.832746033	6.445751277
ENSMUSG00000031849	7.781970364	9.738641413	8.473812573	7.249119049	5.729556691
ENSMUSG00000031853	6.367066661	2.782468975	7.061510478	7.249119049	3.580972932
ENSMUSG00000031871	7.781970364	6.956172438	4.236906287	6.443661377	10.7429188
ENSMUSG00000031875	5.65961481	6.956172438	5.649208382	5.638203705	10.7429188
ENSMUSG00000031876	5.65961481	13.21672763	8.473812573	8.860034393	13.60769714
ENSMUSG00000031877	5.65961481	9.043024169	8.473812573	4.02728836	6.445751277
ENSMUSG00000031880	9.196874066	9.738641413	12.71071886	16.10915344	20.769643
ENSMUSG00000031881	7.074518513	8.347406925	2.824604191	5.638203705	3.580972932
ENSMUSG00000031889	45.98437033	73.73542784	50.84287544	64.43661377	60.87653984
ENSMUSG00000031891	13.44158517	6.260555194	9.886114669	12.08186508	10.7429188
ENSMUSG00000031893	58.0110518	78.60474855	64.96589639	53.96566403	59.44415067
ENSMUSG00000031896	12.02668147	15.30357936	12.71071886	16.91461111	15.7562809
ENSMUSG00000031897	16.97884443	21.56413456	19.06607829	33.82922223	40.10689684
ENSMUSG00000031898	9.904325918	6.260555194	8.473812573	6.443661377	10.7429188
ENSMUSG00000031903	46.69182218	34.78086219	38.13215658	25.77464551	27.21539428
ENSMUSG00000031904	19.10119998	43.82388636	38.83830763	81.35122488	65.17370736
ENSMUSG00000031906	4.952162959	10.43425866	7.061510478	8.860034393	11.45911338
ENSMUSG00000031907	10.61177777	29.91154148	22.59683353	16.91461111	23.63442135
ENSMUSG00000031913	24.76081479	38.25894841	26.83373982	46.71654498	43.68786977
ENSMUSG00000031919	6.367066661	9.738641413	6.35535943	15.30369577	16.47247549
ENSMUSG00000031924	91.96874066	138.4278315	132.756397	247.2755053	162.5761711
ENSMUSG00000031927	7.074518513	6.956172438	8.473812573	8.054576721	5.729556691
ENSMUSG00000031931	21.22355554	32.69401046	32.4829482	73.29664816	63.74131818

ENSMUSG00000031935	39.61730367	86.95215547	76.26431316	146.5932963	108.1453825
ENSMUSG00000031936	6.367066661	8.347406925	8.473812573	4.02728836	7.87814045
ENSMUSG00000031937	8.489422215	6.260555194	5.649208382	6.443661377	9.310529622
ENSMUSG00000031950	37.49494812	66.7792554	71.32125582	41.88379895	44.40406435
ENSMUSG00000031951	10.61177777	8.347406925	7.061510478	8.860034393	9.310529622
ENSMUSG00000031952	8.489422215	7.651789682	3.530755239	15.30369577	10.7429188
ENSMUSG00000031953	14.85648888	20.17290007	15.53532305	14.4982381	16.47247549
ENSMUSG00000031954	47.39927403	79.99598303	60.72899011	75.71302118	60.16034525
ENSMUSG00000031957	1.414903703	2.782468975	1.412302096	4.02728836	2.864778345
ENSMUSG00000031962	7.781970364	5.56493795	4.943057334	6.443661377	7.161945863
ENSMUSG00000031963	4.952162959	3.478086219	7.767661525	4.02728836	5.729556691
ENSMUSG00000031966	6.367066661	8.347406925	8.473812573	5.638203705	7.161945863
ENSMUSG00000031972	9.196874066	6.260555194	8.473812573	7.249119049	6.445751277
ENSMUSG00000031974	9.904325918	18.08604834	16.94762515	21.74735715	12.89150255
ENSMUSG00000031980	9.904325918	6.260555194	4.943057334	6.443661377	6.445751277
ENSMUSG00000031981	9.904325918	4.869320706	6.35535943	8.860034393	7.161945863
ENSMUSG00000031982	91.26128881	116.1680797	111.5718655	121.6241085	101.6996313
ENSMUSG00000031983	12.02668147	9.738641413	9.886114669	11.27640741	9.310529622
ENSMUSG00000031984	79.94205919	130.0804246	113.6903187	158.6751614	141.8065281
ENSMUSG00000031985	74.98989623	126.6023384	120.0456781	165.9242805	141.0903335
ENSMUSG00000031986	86.30912585	123.1242521	106.6288082	139.3441773	146.8198902
ENSMUSG00000031987	34.66514071	41.04141738	48.7244223	45.10562964	52.2822048
ENSMUSG00000031993	43.86201478	65.38802092	64.96589639	45.91108731	58.72795608
ENSMUSG00000031995	9.904325918	11.82549314	10.59226572	10.47094974	6.445751277
ENSMUSG00000031997	9.904325918	4.869320706	9.886114669	4.832746033	10.7429188
ENSMUSG00000031998	9.196874066	7.651789682	7.061510478	6.443661377	9.310529622
ENSMUSG00000032009	56.5961481	109.2119073	83.32582364	90.21125927	79.49759908
ENSMUSG00000032011	6.367066661	4.173703463	7.767661525	17.72006879	12.17530797
ENSMUSG00000032012	9.196874066	9.738641413	9.886114669	16.91461111	22.20203218
ENSMUSG00000032013	10.61177777	2.782468975	5.649208382	4.832746033	4.297167518
ENSMUSG00000032014	9.904325918	7.651789682	15.53532305	8.054576721	10.7429188
ENSMUSG00000032023	7.074518513	9.043024169	6.35535943	6.443661377	9.310529622
ENSMUSG00000032026	12.73413332	38.25894841	21.89068248	41.88379895	34.37734014
ENSMUSG00000032034	7.074518513	6.260555194	5.649208382	8.860034393	9.310529622
ENSMUSG00000032038	8.489422215	12.52111039	16.2414741	8.054576721	10.7429188
ENSMUSG00000032044	45.27691848	82.08283477	76.97046421	87.79488626	89.52432329
ENSMUSG00000032047	34.66514071	49.38882431	45.8998181	39.46742593	35.09353473
ENSMUSG00000032051	15.56394073	17.39043109	14.12302096	15.30369577	22.20203218
ENSMUSG00000032053	132.2934962	144.6883867	117.2210739	270.6337778	197.6697058
ENSMUSG00000032057	1.414903703	1.391234488	2.824604191	4.02728836	2.864778345
ENSMUSG00000032062	8.489422215	6.260555194	3.530755239	4.832746033	8.594335036
ENSMUSG00000032065	9.904325918	12.52111039	11.29841676	11.27640741	7.87814045
ENSMUSG00000032066	9.904325918	11.82549314	9.886114669	12.08186508	8.594335036

ENSMUSG00000032067	53.7663407	75.12666233	66.37819849	50.74383334	54.43078856
ENSMUSG00000032077	49.52162959	69.56172438	58.61053696	91.01671695	78.06520991
ENSMUSG00000032080	8.489422215	7.651789682	3.530755239	5.638203705	7.87814045
ENSMUSG00000032083	12.02668147	8.347406925	11.29841676	2.416373016	7.161945863
ENSMUSG00000032085	9.904325918	10.43425866	7.767661525	6.443661377	11.45911338
ENSMUSG00000032092	9.196874066	6.956172438	7.767661525	7.249119049	7.87814045
ENSMUSG00000032093	5.65961481	6.956172438	5.649208382	6.443661377	7.87814045
ENSMUSG00000032094	7.781970364	4.869320706	4.943057334	8.860034393	7.87814045
ENSMUSG00000032099	9.904325918	11.82549314	5.649208382	1.610915344	7.161945863
ENSMUSG00000032101	33.95768886	47.99758982	45.19366706	56.38203705	56.57937232
ENSMUSG00000032105	6.367066661	8.347406925	7.061510478	8.054576721	4.297167518
ENSMUSG00000032108	0	0	0	0	0
ENSMUSG00000032110	9.196874066	7.651789682	5.649208382	8.860034393	6.445751277
ENSMUSG00000032114	3.537259256	13.91234488	8.473812573	4.832746033	6.445751277
ENSMUSG00000032119	22.63845924	29.21592424	46.60596915	57.99295239	53.71459398
ENSMUSG00000032121	9.904325918	12.52111039	12.00456781	6.443661377	7.87814045
ENSMUSG00000032123	23.34591109	42.43265187	33.18909925	55.57657937	36.5259239
ENSMUSG00000032127	31.12788146	38.95456565	45.8998181	38.66196826	45.83645353
ENSMUSG00000032134	7.781970364	6.260555194	7.061510478	8.054576721	4.297167518
ENSMUSG00000032171	90.55383696	114.081228	100.2734488	190.0880106	136.793166
ENSMUSG00000032172	7.074518513	6.260555194	3.530755239	7.249119049	8.594335036
ENSMUSG00000032174	4.244711108	4.173703463	4.943057334	6.443661377	5.729556691
ENSMUSG00000032179	5.65961481	6.260555194	9.179963621	4.832746033	2.148583759
ENSMUSG00000032181	8.489422215	6.260555194	6.35535943	7.249119049	3.580972932
ENSMUSG00000032184	9.904325918	4.869320706	7.767661525	9.665492065	7.161945863
ENSMUSG00000032191	18.39374813	22.95536904	13.41686991	8.860034393	12.89150255
ENSMUSG00000032193	31.12788146	31.99839321	44.48751601	150.6205847	118.8883013
ENSMUSG00000032194	7.781970364	6.956172438	2.118453143	4.02728836	9.310529622
ENSMUSG00000032198	9.904325918	8.347406925	6.35535943	8.054576721	7.87814045
ENSMUSG00000032218	31.83533331	50.7800588	41.66291182	29.80193387	44.40406435
ENSMUSG00000032226	3.537259256	4.869320706	6.35535943	7.249119049	11.45911338
ENSMUSG00000032243	8.489422215	6.260555194	5.649208382	5.638203705	4.297167518
ENSMUSG00000032244	83.47931845	123.8198694	99.56729774	173.1733995	144.6713064
ENSMUSG00000032257	7.781970364	6.260555194	5.649208382	3.221830688	3.580972932
ENSMUSG00000032259	16.27139258	2.782468975	6.35535943	4.02728836	11.45911338
ENSMUSG00000032264	34.66514071	52.17129328	46.60596915	28.9964762	47.2688427
ENSMUSG00000032267	19.80865184	43.82388636	42.36906287	46.71654498	32.22875639
ENSMUSG00000032269	5.65961481	5.56493795	7.061510478	6.443661377	6.445751277
ENSMUSG00000032274	7.074518513	14.60796212	7.767661525	4.02728836	5.729556691
ENSMUSG00000032288	58.0110518	102.9513521	69.90895373	161.0915344	135.3607768
ENSMUSG00000032290	14.85648888	16.69481385	12.71071886	37.85651059	30.08017263
ENSMUSG00000032291	4.244711108	4.869320706	5.649208382	8.054576721	3.580972932
ENSMUSG00000032292	4.244711108	6.260555194	8.473812573	8.860034393	5.729556691

ENSMUSG00000032293	93.38364437	146.7752384	139.1117564	182.8388916	136.0769714
ENSMUSG00000032300	45.27691848	52.17129328	45.8998181	226.3336059	187.6429816
ENSMUSG00000032303	6.367066661	6.260555194	11.29841676	5.638203705	4.297167518
ENSMUSG00000032308	20.51610369	29.91154148	37.42600553	21.74735715	26.49919969
ENSMUSG00000032310	9.196874066	6.956172438	8.473812573	8.860034393	7.161945863
ENSMUSG00000032312	81.3569629	100.1688831	110.8657145	274.6610662	198.3859004
ENSMUSG00000032315	7.781970364	6.956172438	12.00456781	16.91461111	17.18867007
ENSMUSG00000032316	91.96874066	115.4724625	128.5194907	161.0915344	124.617858
ENSMUSG00000032320	16.27139258	26.43345526	31.0706461	25.77464551	25.06681052
ENSMUSG00000032329	27.5906222	57.04061399	45.19366706	41.88379895	52.99839939
ENSMUSG00000032330	59.42595551	88.34338996	68.49665163	144.982381	110.2939663
ENSMUSG00000032333	23.34591109	22.95536904	24.71528667	70.07481747	45.83645353
ENSMUSG00000032340	9.196874066	7.651789682	4.236906287	6.443661377	4.297167518
ENSMUSG00000032346	9.196874066	6.260555194	10.59226572	8.860034393	10.7429188
ENSMUSG00000032348	4.952162959	6.956172438	8.473812573	8.860034393	9.310529622
ENSMUSG00000032350	36.78749627	59.82308296	63.5535943	63.6311561	50.13362104
ENSMUSG00000032353	7.781970364	15.30357936	15.53532305	15.30369577	12.89150255
ENSMUSG00000032370	8.489422215	9.043024169	14.829172	12.88732275	12.17530797
ENSMUSG00000032377	9.904325918	13.91234488	4.943057334	7.249119049	8.594335036
ENSMUSG00000032380	8.489422215	6.956172438	6.35535943	20.94189947	19.33725383
ENSMUSG00000032381	53.7663407	92.51709342	68.49665163	103.098582	81.64618284
ENSMUSG00000032383	37.49494812	57.73623123	40.25060972	89.4058016	83.07857202
ENSMUSG00000032388	47.39927403	59.82308296	67.79050059	60.40932541	47.2688427
ENSMUSG00000032394	6.367066661	5.56493795	7.061510478	8.860034393	1.432389173
ENSMUSG00000032397	50.22908144	71.64857611	55.07978173	173.1733995	133.2121931
ENSMUSG00000032398	14.14903703	24.34660353	24.71528667	20.1364418	24.35061594
ENSMUSG00000032399	20.51610369	23.65098629	18.35992724	117.5968201	75.91662615
ENSMUSG00000032403	34.66514071	58.43184848	50.13672439	99.07129367	90.95671247
ENSMUSG00000032412	33.25023701	45.21512085	57.90438592	115.9859048	100.2672421
ENSMUSG00000032419	9.196874066	4.173703463	4.236906287	2.416373016	8.594335036
ENSMUSG00000032420	14.85648888	8.347406925	5.649208382	7.249119049	6.445751277
ENSMUSG00000032431	11.31922962	16.69481385	14.12302096	24.96918783	26.49919969
ENSMUSG00000032434	106.1177777	130.7760418	110.1595635	127.2623122	118.1721067
ENSMUSG00000032435	44.56946663	80.69160028	73.43970897	52.35474869	55.86317773
ENSMUSG00000032451	11.31922962	4.869320706	4.943057334	2.416373016	11.45911338
ENSMUSG00000032454	7.781970364	2.782468975	6.35535943	7.249119049	5.729556691
ENSMUSG00000032458	83.47931845	130.7760418	129.9317928	125.6513968	126.7664418
ENSMUSG00000032459	48.10672589	75.82227957	60.02283906	64.43661377	66.60609653
ENSMUSG00000032482	7.074518513	2.782468975	7.061510478	4.832746033	5.013362104
ENSMUSG00000032484	9.904325918	7.651789682	14.12302096	9.665492065	8.594335036
ENSMUSG00000032487	7.781970364	9.043024169	9.886114669	5.638203705	7.161945863
ENSMUSG00000032493	14.85648888	6.956172438	7.061510478	8.860034393	10.7429188
ENSMUSG00000032495	10.61177777	9.738641413	7.061510478	6.443661377	5.013362104

ENSMUSG00000032496	4.952162959	6.956172438	9.886114669	8.860034393	8.594335036
ENSMUSG00000032498	32.54278516	61.21431745	48.01827125	171.5624842	131.0636093
ENSMUSG00000032501	8.489422215	15.30357936	21.89068248	17.72006879	14.32389173
ENSMUSG00000032502	9.904325918	6.956172438	7.061510478	5.638203705	10.7429188
ENSMUSG00000032508	29.71297775	51.47567604	45.8998181	70.07481747	58.01176149
ENSMUSG00000032512	65.79302217	98.77764862	96.0365425	80.54576721	80.92998826
ENSMUSG00000032513	19.80865184	23.65098629	29.65834401	50.74383334	44.40406435
ENSMUSG00000032515	87.72402956	139.819066	132.756397	302.8520847	213.4259867
ENSMUSG00000032518	0.707451851	4.173703463	2.824604191	1.610915344	4.297167518
ENSMUSG00000032528	7.074518513	6.956172438	4.236906287	8.054576721	6.445751277
ENSMUSG00000032532	7.781970364	4.869320706	9.179963621	7.249119049	7.161945863
ENSMUSG00000032549	10.61177777	17.39043109	16.2414741	8.054576721	10.02672421
ENSMUSG00000032551	97.62835547	132.1672763	91.09348516	190.8934683	171.1705061
ENSMUSG00000032565	37.49494812	57.04061399	58.61053696	35.44013757	51.56601022
ENSMUSG00000032566	7.074518513	5.56493795	7.061510478	4.832746033	5.729556691
ENSMUSG00000032572	10.61177777	7.651789682	13.41686991	8.054576721	7.161945863
ENSMUSG00000032578	10.61177777	4.173703463	4.236906287	205.3917064	142.5227227
ENSMUSG00000032583	22.63845924	46.60635533	34.60140134	29.80193387	30.08017263
ENSMUSG00000032586	26.88317035	35.47647943	38.83830763	66.04752911	47.2688427
ENSMUSG00000032593	3.537259256	6.956172438	5.649208382	8.054576721	4.297167518
ENSMUSG00000032598	10.61177777	15.30357936	18.35992724	17.72006879	27.21539428
ENSMUSG00000032602	20.51610369	25.04222078	25.42143772	19.33098413	20.769643
ENSMUSG00000032606	9.904325918	15.30357936	15.53532305	10.47094974	8.594335036
ENSMUSG00000032611	15.56394073	15.30357936	14.829172	11.27640741	15.04008631
ENSMUSG00000032621	28.29807405	38.25894841	29.65834401	34.6346799	29.36397804
ENSMUSG00000032623	10.61177777	4.869320706	2.824604191	8.860034393	12.17530797
ENSMUSG00000032661	3.537259256	4.869320706	9.179963621	31.41284921	12.17530797
ENSMUSG00000032671	4.952162959	5.56493795	6.35535943	8.860034393	6.445751277
ENSMUSG00000032673	16.97884443	27.82468975	24.71528667	45.91108731	42.97167518
ENSMUSG00000032688	154.2245036	193.3815938	151.8224753	182.8388916	134.6445822
ENSMUSG00000032705	24.05336294	43.82388636	33.89525029	24.96918783	20.769643
ENSMUSG00000032714	3.537259256	6.956172438	8.473812573	12.08186508	2.864778345
ENSMUSG00000032715	6.367066661	9.738641413	9.179963621	12.08186508	8.594335036
ENSMUSG00000032718	7.074518513	7.651789682	6.35535943	8.054576721	7.161945863
ENSMUSG00000032719	10.61177777	6.956172438	6.35535943	6.443661377	9.310529622
ENSMUSG00000032724	12.73413332	21.56413456	19.06607829	16.91461111	22.91822676
ENSMUSG00000032733	16.27139258	25.73783802	12.00456781	11.27640741	15.7562809
ENSMUSG00000032741	24.76081479	39.6501829	32.4829482	12.08186508	9.310529622
ENSMUSG00000032744	7.074518513	11.1298759	7.061510478	7.249119049	4.297167518
ENSMUSG00000032757	23.34591109	25.73783802	21.89068248	19.33098413	20.769643
ENSMUSG00000032758	9.196874066	3.478086219	8.473812573	6.443661377	7.87814045
ENSMUSG00000032766	7.074518513	4.869320706	7.767661525	4.02728836	7.87814045
ENSMUSG00000032769	9.196874066	7.651789682	11.29841676	1.610915344	10.02672421

ENSMUSG00000032773	9.196874066	3.478086219	5.649208382	5.638203705	4.297167518
ENSMUSG00000032776	27.5906222	44.5195036	46.60596915	24.96918783	25.06681052
ENSMUSG00000032777	70.74518513	107.1250555	119.3395271	116.7913625	97.40246374
ENSMUSG00000032783	16.27139258	18.08604834	18.35992724	47.52200265	42.25548059
ENSMUSG00000032796	10.61177777	3.478086219	8.473812573	8.054576721	10.7429188
ENSMUSG00000032802	7.781970364	4.869320706	8.473812573	6.443661377	3.580972932
ENSMUSG00000032807	7.781970364	5.56493795	12.00456781	6.443661377	7.87814045
ENSMUSG00000032808	11.31922962	7.651789682	3.530755239	4.02728836	8.594335036
ENSMUSG00000032840	34.66514071	57.04061399	52.25517753	39.46742593	40.82309142
ENSMUSG00000032852	4.244711108	3.478086219	8.473812573	1.610915344	8.594335036
ENSMUSG00000032855	36.78749627	59.82308296	45.8998181	37.05105292	48.70123187
ENSMUSG00000032860	6.367066661	4.869320706	7.767661525	7.249119049	9.310529622
ENSMUSG00000032864	26.1757185	24.34660353	16.2414741	9.665492065	10.02672421
ENSMUSG00000032867	19.80865184	27.12907251	26.83373982	42.68925662	44.40406435
ENSMUSG00000032870	117.4370073	125.9067211	114.3964697	278.6883545	189.7915654
ENSMUSG00000032875	2.829807405	5.56493795	7.767661525	5.638203705	7.87814045
ENSMUSG00000032898	26.88317035	37.56333116	38.13215658	23.35827249	37.95831308
ENSMUSG00000032902	51.64398514	61.9099347	57.19823487	165.9242805	105.2806042
ENSMUSG00000032905	62.96321476	111.298759	104.5103551	95.04400531	93.82149081
ENSMUSG00000032908	7.781970364	4.173703463	9.179963621	9.665492065	6.445751277
ENSMUSG00000032911	8.489422215	4.173703463	6.35535943	8.860034393	4.297167518
ENSMUSG00000032915	9.904325918	13.21672763	6.35535943	8.860034393	7.87814045
ENSMUSG00000032968	9.196874066	6.956172438	7.061510478	7.249119049	7.161945863
ENSMUSG00000032977	65.08557032	109.2119073	109.4534124	172.3679418	125.3340526
ENSMUSG00000032988	12.02668147	11.1298759	7.061510478	8.054576721	6.445751277
ENSMUSG00000033006	4.244711108	6.956172438	2.824604191	4.02728836	7.161945863
ENSMUSG00000033020	47.39927403	66.7792554	47.3121202	97.46037832	70.18706946
ENSMUSG00000033022	6.367066661	9.043024169	11.29841676	8.054576721	8.594335036
ENSMUSG00000033039	34.66514071	54.25814501	41.66291182	23.35827249	34.37734014
ENSMUSG00000033047	45.98437033	75.82227957	52.25517753	134.5114312	98.11865833
ENSMUSG00000033053	10.61177777	8.347406925	8.473812573	9.665492065	8.594335036
ENSMUSG00000033054	73.57499253	103.6469693	101.6857509	193.3098413	155.4142252
ENSMUSG00000033059	34.66514071	61.21431745	76.97046421	46.71654498	39.39070225
ENSMUSG00000033063	10.61177777	10.43425866	4.236906287	4.02728836	9.310529622
ENSMUSG00000033080	5.65961481	8.347406925	7.061510478	6.443661377	5.729556691
ENSMUSG00000033096	29.0055259	50.7800588	50.13672439	53.96566403	44.40406435
ENSMUSG00000033099	26.88317035	55.6493795	53.66747963	77.32393652	74.48423698
ENSMUSG00000033106	41.73965922	66.7792554	52.25517753	151.4260424	125.3340526
ENSMUSG00000033107	8.489422215	8.347406925	6.35535943	6.443661377	2.864778345
ENSMUSG00000033126	40.32475552	69.56172438	64.25974535	58.79841006	68.0384857
ENSMUSG00000033128	9.196874066	29.91154148	16.2414741	35.44013757	32.94495097
ENSMUSG00000033156	12.73413332	4.173703463	10.59226572	7.249119049	8.594335036
ENSMUSG00000033186	92.67619252	118.2549314	99.56729774	204.5862487	151.8332523



ENSMUSG00000033187	6.367066661	8.347406925	7.767661525	5.638203705	3.580972932
ENSMUSG00000033192	16.27139258	13.91234488	15.53532305	6.443661377	7.161945863
ENSMUSG00000033207	8.489422215	6.260555194	7.061510478	9.665492065	5.729556691
ENSMUSG00000033208	12.73413332	4.869320706	6.35535943	7.249119049	6.445751277
ENSMUSG00000033214	10.61177777	8.347406925	9.886114669	5.638203705	6.445751277
ENSMUSG00000033216	42.44711108	47.99758982	46.60596915	50.74383334	65.88990194
ENSMUSG00000033219	50.93653329	15.99919661	18.35992724	17.72006879	12.17530797
ENSMUSG00000033220	129.4636888	150.9489419	132.756397	326.2103572	217.0069597
ENSMUSG00000033227	4.952162959	6.260555194	6.35535943	2.416373016	6.445751277
ENSMUSG00000033228	91.96874066	156.5138799	120.0456781	201.364418	177.6162574
ENSMUSG00000033255	10.61177777	14.60796212	12.71071886	13.69278043	10.02672421
ENSMUSG00000033268	9.904325918	2.782468975	7.061510478	6.443661377	9.310529622
ENSMUSG00000033307	9.196874066	22.2597518	25.42143772	88.60034393	67.32229112
ENSMUSG00000033318	3.537259256	10.43425866	8.473812573	49.132918	37.24211849
ENSMUSG00000033319	38.90985182	61.21431745	48.7244223	126.4568545	105.9967988
ENSMUSG00000033350	8.489422215	5.56493795	7.767661525	4.832746033	5.729556691
ENSMUSG00000033355	12.02668147	22.95536904	17.65377619	91.82217462	53.71459398
ENSMUSG00000033356	24.76081479	40.34580014	31.77679715	27.38556085	35.80972932
ENSMUSG00000033368	16.97884443	17.39043109	13.41686991	10.47094974	14.32389173
ENSMUSG00000033383	7.074518513	6.956172438	9.179963621	3.221830688	4.297167518
ENSMUSG00000033405	14.14903703	4.173703463	2.824604191	5.638203705	7.87814045
ENSMUSG00000033446	41.73965922	75.12666233	67.08434954	48.32746033	61.59273443
ENSMUSG00000033450	58.0110518	83.47406925	73.43970897	194.9207566	141.8065281
ENSMUSG00000033453	6.367066661	5.56493795	9.179963621	4.02728836	7.161945863
ENSMUSG00000033454	62.25576291	93.21271067	84.73812573	225.5281482	187.6429816
ENSMUSG00000033478	90.55383696	141.2103005	119.3395271	131.2896006	146.8198902
ENSMUSG00000033501	11.31922962	10.43425866	7.767661525	7.249119049	8.594335036
ENSMUSG00000033520	11.31922962	8.347406925	6.35535943	6.443661377	8.594335036
ENSMUSG00000033530	21.93100739	25.04222078	33.18909925	24.16373016	36.5259239
ENSMUSG00000033544	84.89422215	127.2979556	113.6903187	53.96566403	70.90326405
ENSMUSG00000033578	4.244711108	3.478086219	2.824604191	2.416373016	4.297167518
ENSMUSG00000033585	10.61177777	4.869320706	7.767661525	4.832746033	7.161945863
ENSMUSG00000033589	27.5906222	38.25894841	43.78136496	71.68573282	60.16034525
ENSMUSG00000033590	6.367066661	10.43425866	5.649208382	4.832746033	6.445751277
ENSMUSG00000033595	11.31922962	5.56493795	5.649208382	2.416373016	10.02672421
ENSMUSG00000033596	48.81417774	68.17048989	67.08434954	169.9515688	130.3474147
ENSMUSG00000033597	5.65961481	6.260555194	8.473812573	8.054576721	10.02672421
ENSMUSG00000033615	9.196874066	4.869320706	4.943057334	4.02728836	5.013362104
ENSMUSG00000033629	38.90985182	75.12666233	57.90438592	95.04400531	102.4158258
ENSMUSG00000033634	6.367066661	6.956172438	9.886114669	7.249119049	7.87814045
ENSMUSG00000033644	0.707451851	1.391234488	0.706151048	0.805457672	1.432389173
ENSMUSG00000033669	29.0055259	34.08524495	37.42600553	35.44013757	34.37734014
ENSMUSG00000033703	17.68629628	31.30277597	23.30298458	25.77464551	24.35061594

ENSMUSG00000033707	7.074518513	10.43425866	9.886114669	20.1364418	24.35061594
ENSMUSG00000033712	25.46826665	27.82468975	43.07521391	65.24207144	60.87653984
ENSMUSG00000033717	12.02668147	6.956172438	5.649208382	5.638203705	3.580972932
ENSMUSG00000033722	7.074518513	4.173703463	10.59226572	6.443661377	7.161945863
ENSMUSG00000033726	6.367066661	3.478086219	5.649208382	7.249119049	6.445751277
ENSMUSG00000033735	6.367066661	6.260555194	9.886114669	9.665492065	5.013362104
ENSMUSG00000033739	2.829807405	3.478086219	7.767661525	3.221830688	3.580972932
ENSMUSG00000033751	48.10672589	80.69160028	55.78593277	130.4841429	127.4826364
ENSMUSG00000033752	19.80865184	22.2597518	20.47838039	17.72006879	15.04008631
ENSMUSG00000033762	22.63845924	35.47647943	33.18909925	53.96566403	55.86317773
ENSMUSG00000033765	4.244711108	4.173703463	6.35535943	4.832746033	6.445751277
ENSMUSG00000033774	7.074518513	4.869320706	5.649208382	9.665492065	12.17530797
ENSMUSG00000033777	4.244711108	4.173703463	5.649208382	2.416373016	4.297167518
ENSMUSG00000033781	52.35143699	67.47487265	91.09348516	48.32746033	49.41742646
ENSMUSG00000033794	5.65961481	6.260555194	8.473812573	7.249119049	7.87814045
ENSMUSG00000033825	9.904325918	2.782468975	5.649208382	4.832746033	5.729556691
ENSMUSG00000033826	21.22355554	11.82549314	17.65377619	9.665492065	10.02672421
ENSMUSG00000033831	11.31922962	9.043024169	4.943057334	3.221830688	6.445751277
ENSMUSG00000033834	10.61177777	7.651789682	5.649208382	5.638203705	6.445751277
ENSMUSG00000033837	12.02668147	8.347406925	10.59226572	12.08186508	3.580972932
ENSMUSG00000033849	30.4204296	66.7792554	53.66747963	50.74383334	56.57937232
ENSMUSG00000033862	16.97884443	21.56413456	26.12758877	21.74735715	24.35061594
ENSMUSG00000033863	8.489422215	15.99919661	24.00913562	8.860034393	19.33725383
ENSMUSG00000033906	5.65961481	4.173703463	2.824604191	4.02728836	4.297167518
ENSMUSG00000033916	26.1757185	33.3896277	28.95219296	63.6311561	58.72795608
ENSMUSG00000033931	37.49494812	59.12746572	65.67204744	109.5422434	75.91662615
ENSMUSG00000033938	68.62282957	116.863697	91.09348516	98.265836	95.25387998
ENSMUSG00000033940	118.851911	175.9911627	134.1686991	203.780791	174.0352845
ENSMUSG00000033948	7.781970364	8.347406925	2.824604191	4.02728836	5.729556691
ENSMUSG00000033960	6.367066661	8.347406925	6.35535943	6.443661377	7.87814045
ENSMUSG00000033966	48.10672589	71.64857611	59.31668801	57.99295239	61.59273443
ENSMUSG00000033967	5.65961481	4.869320706	3.530755239	12.08186508	16.47247549
ENSMUSG00000033972	74.98989623	93.90832791	104.5103551	93.43308996	90.95671247
ENSMUSG00000033991	26.88317035	54.25814501	34.60140134	68.46390213	47.2688427
ENSMUSG00000033998	12.02668147	3.478086219	7.061510478	4.02728836	3.580972932
ENSMUSG00000034022	39.61730367	77.9091313	74.85201106	89.4058016	82.36237743
ENSMUSG00000034024	31.12788146	65.38802092	46.60596915	136.9278043	100.2672421
ENSMUSG00000034031	10.61177777	1.391234488	7.767661525	6.443661377	10.02672421
ENSMUSG00000034039	7.781970364	11.1298759	4.236906287	8.054576721	10.02672421
ENSMUSG00000034041	21.22355554	36.86771392	34.60140134	138.5387196	118.1721067
ENSMUSG00000034057	9.904325918	8.347406925	4.943057334	5.638203705	6.445751277
ENSMUSG00000034105	12.73413332	28.52030699	21.89068248	16.10915344	17.18867007
ENSMUSG00000034108	17.68629628	17.39043109	14.12302096	22.55281482	14.32389173

ENSMUSG00000034110	11.31922962	26.43345526	14.829172	20.1364418	16.47247549
ENSMUSG00000034111	69.33028142	109.2119073	84.03197468	207.8080794	166.8733386
ENSMUSG00000034112	9.196874066	7.651789682	4.943057334	4.832746033	5.013362104
ENSMUSG00000034117	7.074518513	4.173703463	9.886114669	5.638203705	5.729556691
ENSMUSG00000034126	16.27139258	33.3896277	25.42143772	52.35474869	28.64778345
ENSMUSG00000034139	7.781970364	10.43425866	7.767661525	3.221830688	5.729556691
ENSMUSG00000034152	45.98437033	54.95376226	42.36906287	93.43308996	76.63282074
ENSMUSG00000034158	50.22908144	62.60555194	65.67204744	123.2350238	112.4425501
ENSMUSG00000034161	34.66514071	43.12826911	53.66747963	82.15668255	65.17370736
ENSMUSG00000034168	94.09109622	123.1242521	107.3349593	84.57305557	71.61945863
ENSMUSG00000034189	87.72402956	119.6461659	110.8657145	62.02024075	73.76804239
ENSMUSG00000034190	55.1812444	74.43104508	95.33039145	69.2693598	63.74131818
ENSMUSG00000034192	55.88869625	86.25653823	69.90895373	112.7640741	88.09193412
ENSMUSG00000034203	54.47379255	79.99598303	74.85201106	136.9278043	115.3073284
ENSMUSG00000034209	9.904325918	6.260555194	12.00456781	6.443661377	7.161945863
ENSMUSG00000034220	9.196874066	6.956172438	8.473812573	3.221830688	3.580972932
ENSMUSG00000034226	7.074518513	10.43425866	7.061510478	8.054576721	2.864778345
ENSMUSG00000034227	9.904325918	9.043024169	12.71071886	5.638203705	7.87814045
ENSMUSG00000034247	179.6927702	204.5114697	174.4193088	140.1496349	118.1721067
ENSMUSG00000034248	51.64398514	76.51789682	65.67204744	53.16020636	52.99839939
ENSMUSG00000034258	7.074518513	7.651789682	9.179963621	10.47094974	7.161945863
ENSMUSG00000034259	13.44158517	29.21592424	24.71528667	73.29664816	63.0251236
ENSMUSG00000034265	24.05336294	25.73783802	29.65834401	20.94189947	20.05344842
ENSMUSG00000034266	45.98437033	47.30197258	45.8998181	231.1663519	166.8733386
ENSMUSG00000034278	49.52162959	59.12746572	51.54902649	51.54929101	47.98503729
ENSMUSG00000034282	9.196874066	8.347406925	8.473812573	8.054576721	10.7429188
ENSMUSG00000034290	28.29807405	45.21512085	31.77679715	63.6311561	52.99839939
ENSMUSG00000034295	5.65961481	6.956172438	8.473812573	3.221830688	6.445751277
ENSMUSG00000034303	9.904325918	20.86851731	30.36449505	27.38556085	24.35061594
ENSMUSG00000034310	16.27139258	10.43425866	9.179963621	6.443661377	6.445751277
ENSMUSG00000034311	26.1757185	29.91154148	32.4829482	58.79841006	50.84981563
ENSMUSG00000034334	8.489422215	6.260555194	7.061510478	7.249119049	5.013362104
ENSMUSG00000034336	8.489422215	4.869320706	7.061510478	7.249119049	10.02672421
ENSMUSG00000034342	55.1812444	63.30116918	59.31668801	202.9753334	174.7514791
ENSMUSG00000034362	8.489422215	6.260555194	7.061510478	9.665492065	6.445751277
ENSMUSG00000034371	34.66514071	53.56252777	45.19366706	68.46390213	56.57937232
ENSMUSG00000034379	22.63845924	44.5195036	33.18909925	47.52200265	48.70123187
ENSMUSG00000034402	4.952162959	4.173703463	8.473812573	4.832746033	5.729556691
ENSMUSG00000034424	5.65961481	11.82549314	17.65377619	16.91461111	20.769643
ENSMUSG00000034435	8.489422215	10.43425866	5.649208382	0.805457672	5.013362104
ENSMUSG00000034445	131.5860443	159.9919661	159.5901368	232.7772672	161.8599765
ENSMUSG00000034449	18.39374813	23.65098629	25.42143772	47.52200265	28.64778345
ENSMUSG00000034450	9.196874066	7.651789682	10.59226572	8.860034393	8.594335036

ENSMUSG00000034452	10.61177777	2.782468975	4.236906287	4.832746033	7.161945863
ENSMUSG00000034453	19.80865184	34.78086219	36.01370344	49.132918	47.2688427
ENSMUSG00000034459	11.31922962	15.30357936	14.829172	57.18749472	42.25548059
ENSMUSG00000034460	12.73413332	7.651789682	4.943057334	5.638203705	8.594335036
ENSMUSG00000034462	7.781970364	6.260555194	3.530755239	3.221830688	5.013362104
ENSMUSG00000034463	4.244711108	6.260555194	7.061510478	2.416373016	5.013362104
ENSMUSG00000034467	9.196874066	4.173703463	4.943057334	4.832746033	2.864778345
ENSMUSG00000034482	13.44158517	6.260555194	10.59226572	9.665492065	9.310529622
ENSMUSG00000034484	87.01657771	135.6453625	98.86114669	212.6408254	162.5761711
ENSMUSG00000034486	4.952162959	3.478086219	7.767661525	5.638203705	9.310529622
ENSMUSG00000034487	8.489422215	7.651789682	9.886114669	8.054576721	3.580972932
ENSMUSG00000034501	15.56394073	28.52030699	26.83373982	19.33098413	31.5125618
ENSMUSG00000034509	72.86754068	92.51709342	95.33039145	78.93485187	68.75468029
ENSMUSG00000034525	82.7718666	127.2979556	106.6288082	109.5422434	114.5911338
ENSMUSG00000034532	9.904325918	9.738641413	9.179963621	4.02728836	9.310529622
ENSMUSG00000034538	7.074518513	15.30357936	13.41686991	10.47094974	7.87814045
ENSMUSG00000034552	6.367066661	8.347406925	6.35535943	3.221830688	5.729556691
ENSMUSG00000034560	107.5326814	151.6445591	117.2210739	151.4260424	134.6445822
ENSMUSG00000034583	7.074518513	2.782468975	2.824604191	4.02728836	1.432389173
ENSMUSG00000034584	13.44158517	9.043024169	9.179963621	4.02728836	8.594335036
ENSMUSG00000034591	14.14903703	28.52030699	28.95219296	21.74735715	17.18867007
ENSMUSG00000034607	1.414903703	1.391234488	3.530755239	1.610915344	4.297167518
ENSMUSG00000034612	13.44158517	26.43345526	27.53989086	24.96918783	32.22875639
ENSMUSG00000034617	21.22355554	50.08444155	42.36906287	128.8732275	93.82149081
ENSMUSG00000034634	109.6550369	113.3856107	108.0411103	141.7605503	99.5510475
ENSMUSG00000034636	51.64398514	91.82147618	85.44427678	73.29664816	59.44415067
ENSMUSG00000034639	12.73413332	9.738641413	9.886114669	8.054576721	6.445751277
ENSMUSG00000034640	27.5906222	40.34580014	45.19366706	224.7226905	194.8049275
ENSMUSG00000034641	5.65961481	4.173703463	6.35535943	7.249119049	7.161945863
ENSMUSG00000034648	11.31922962	9.043024169	4.943057334	4.832746033	5.729556691
ENSMUSG00000034660	4.952162959	12.52111039	8.473812573	6.443661377	5.013362104
ENSMUSG00000034667	39.61730367	54.25814501	50.84287544	121.6241085	97.40246374
ENSMUSG00000034685	5.65961481	7.651789682	10.59226572	4.02728836	4.297167518
ENSMUSG00000034686	14.14903703	13.21672763	12.00456781	11.27640741	15.7562809
ENSMUSG00000034687	7.074518513	6.260555194	7.061510478	4.832746033	3.580972932
ENSMUSG00000034689	5.65961481	2.782468975	8.473812573	7.249119049	5.013362104
ENSMUSG00000034701	0	1.391234488	0	0	0
ENSMUSG00000034707	96.21345177	125.9067211	127.1071886	149.815127	142.5227227
ENSMUSG00000034709	38.90985182	64.69240367	67.08434954	76.51847885	60.87653984
ENSMUSG00000034714	8.489422215	19.47728283	14.12302096	18.52552646	9.310529622
ENSMUSG00000034732	6.367066661	2.086851731	2.824604191	1.610915344	3.580972932
ENSMUSG00000034738	9.196874066	8.347406925	5.649208382	5.638203705	7.161945863
ENSMUSG00000034762	0.707451851	0	0.706151048	0.805457672	0.716194586

ENSMUSG00000034765	24.05336294	36.86771392	38.13215658	31.41284921	20.05344842
ENSMUSG00000034768	14.14903703	20.86851731	16.2414741	18.52552646	16.47247549
ENSMUSG00000034774	10.61177777	4.869320706	6.35535943	3.221830688	7.87814045
ENSMUSG00000034777	0.707451851	1.391234488	1.412302096	1.610915344	0
ENSMUSG00000034780	11.31922962	9.043024169	6.35535943	7.249119049	5.729556691
ENSMUSG00000034781	135.8307554	150.2533247	137.6994543	144.1769233	112.4425501
ENSMUSG00000034783	12.73413332	7.651789682	3.530755239	8.860034393	5.729556691
ENSMUSG00000034789	82.06441475	103.6469693	111.5718655	196.531672	146.8198902
ENSMUSG00000034792	26.1757185	36.17209668	29.65834401	67.65844446	65.17370736
ENSMUSG00000034807	28.29807405	40.34580014	49.43057334	64.43661377	60.87653984
ENSMUSG00000034810	12.73413332	6.956172438	7.767661525	5.638203705	7.161945863
ENSMUSG00000034820	81.3569629	116.1680797	99.56729774	215.0571984	177.6162574
ENSMUSG00000034829	7.781970364	9.043024169	5.649208382	4.832746033	4.297167518
ENSMUSG00000034839	8.489422215	4.869320706	11.29841676	3.221830688	10.7429188
ENSMUSG00000034845	9.196874066	11.82549314	3.530755239	6.443661377	5.729556691
ENSMUSG00000034854	15.56394073	22.2597518	18.35992724	35.44013757	35.09353473
ENSMUSG00000034863	14.85648888	18.78166558	17.65377619	13.69278043	12.89150255
ENSMUSG00000034868	91.26128881	141.2103005	122.8702823	97.46037832	98.83485292
ENSMUSG00000034871	12.02668147	4.173703463	7.061510478	5.638203705	9.310529622
ENSMUSG00000034872	13.44158517	7.651789682	9.886114669	5.638203705	10.02672421
ENSMUSG00000034875	7.781970364	18.78166558	10.59226572	14.4982381	15.7562809
ENSMUSG00000034880	15.56394073	31.99839321	24.00913562	20.1364418	28.64778345
ENSMUSG00000034881	12.02668147	11.82549314	15.53532305	22.55281482	20.769643
ENSMUSG00000034883	41.03220737	39.6501829	39.54445867	44.30017197	52.2822048
ENSMUSG00000034889	68.62282957	91.82147618	79.7950684	137.7332619	107.429188
ENSMUSG00000034892	71.45263698	94.60394515	77.67661525	173.9788572	148.968474
ENSMUSG00000034893	78.52715549	110.6031418	99.56729774	160.2860767	121.7530797
ENSMUSG00000034910	15.56394073	2.086851731	9.179963621	8.054576721	6.445751277
ENSMUSG00000034911	24.05336294	41.73703463	26.83373982	37.85651059	37.24211849
ENSMUSG00000034913	7.781970364	6.956172438	8.473812573	3.221830688	8.594335036
ENSMUSG00000034917	7.074518513	12.52111039	22.59683353	25.77464551	18.62105924
ENSMUSG00000034918	11.31922962	14.60796212	16.94762515	10.47094974	11.45911338
ENSMUSG00000034919	9.196874066	3.478086219	8.473812573	7.249119049	7.87814045
ENSMUSG00000034923	11.31922962	10.43425866	6.35535943	12.08186508	12.17530797
ENSMUSG00000034926	3.537259256	12.52111039	9.179963621	50.74383334	42.25548059
ENSMUSG00000034932	32.54278516	63.99678643	56.49208382	82.96214023	75.20043157
ENSMUSG00000034936	11.31922962	9.738641413	10.59226572	8.054576721	10.02672421
ENSMUSG00000034959	67.91537772	108.51629	96.74269354	57.99295239	61.59273443
ENSMUSG00000034968	7.074518513	9.043024169	4.236906287	8.860034393	8.594335036
ENSMUSG00000034981	12.02668147	8.347406925	12.00456781	7.249119049	3.580972932
ENSMUSG00000034987	12.73413332	9.738641413	12.00456781	70.88027514	48.70123187
ENSMUSG00000034993	7.074518513	9.043024169	7.767661525	8.860034393	10.02672421
ENSMUSG00000034997	6.367066661	4.173703463	7.767661525	4.02728836	8.594335036

ENSMUSG00000035000	45.27691848	51.47567604	38.13215658	44.30017197	43.68786977
ENSMUSG00000035004	14.14903703	11.82549314	7.767661525	9.665492065	2.864778345
ENSMUSG00000035007	25.46826665	35.47647943	31.0706461	66.04752911	40.82309142
ENSMUSG00000035041	15.56394073	9.043024169	12.71071886	4.832746033	8.594335036
ENSMUSG00000035042	12.02668147	4.869320706	4.236906287	6.443661377	5.013362104
ENSMUSG00000035047	42.44711108	58.43184848	56.49208382	114.3749894	81.64618284
ENSMUSG00000035049	9.904325918	20.17290007	15.53532305	78.12939419	63.0251236
ENSMUSG00000035057	9.196874066	5.56493795	4.236906287	3.221830688	7.161945863
ENSMUSG00000035067	5.65961481	5.56493795	6.35535943	8.054576721	2.864778345
ENSMUSG00000035069	17.68629628	19.47728283	21.89068248	18.52552646	20.05344842
ENSMUSG00000035078	25.46826665	43.12826911	28.24604191	40.2728836	46.55264811
ENSMUSG00000035085	8.489422215	6.956172438	8.473812573	8.054576721	7.161945863
ENSMUSG00000035105	4.952162959	4.869320706	7.061510478	12.08186508	6.445751277
ENSMUSG00000035121	12.02668147	6.956172438	9.886114669	4.02728836	5.013362104
ENSMUSG00000035133	9.904325918	11.82549314	9.179963621	20.94189947	24.35061594
ENSMUSG00000035148	12.73413332	8.347406925	8.473812573	4.02728836	8.594335036
ENSMUSG00000035161	23.34591109	25.73783802	29.65834401	83.7675979	80.92998826
ENSMUSG00000035171	144.3201777	210.0764076	156.7655326	284.3265582	196.2373167
ENSMUSG00000035177	9.196874066	8.347406925	10.59226572	5.638203705	5.013362104
ENSMUSG00000035179	10.61177777	8.347406925	7.061510478	7.249119049	5.729556691
ENSMUSG00000035181	17.68629628	23.65098629	16.94762515	21.74735715	13.60769714
ENSMUSG00000035186	10.61177777	6.956172438	9.179963621	8.054576721	2.148583759
ENSMUSG00000035198	178.9853184	212.1632594	197.7222934	172.3679418	145.387501
ENSMUSG00000035199	45.27691848	77.21351406	69.90895373	88.60034393	92.38910164
ENSMUSG00000035200	9.196874066	6.260555194	9.886114669	6.443661377	5.729556691
ENSMUSG00000035202	13.44158517	24.34660353	23.30298458	24.96918783	27.93158887
ENSMUSG00000035211	79.94205919	100.1688831	88.97503202	122.4295662	89.52432329
ENSMUSG00000035215	54.47379255	75.12666233	91.09348516	126.4568545	98.83485292
ENSMUSG00000035227	79.94205919	92.51709342	100.9795998	154.647873	114.5911338
ENSMUSG00000035232	10.61177777	17.39043109	14.829172	29.80193387	25.78300511
ENSMUSG00000035237	7.781970364	8.347406925	3.530755239	10.47094974	10.02672421
ENSMUSG00000035238	9.904325918	4.173703463	9.886114669	4.02728836	7.87814045
ENSMUSG00000035239	7.074518513	7.651789682	9.886114669	3.221830688	4.297167518
ENSMUSG00000035248	32.54278516	58.43184848	53.66747963	86.18397091	68.75468029
ENSMUSG00000035278	116.7295555	159.9919661	144.0548137	365.6777831	238.4927973
ENSMUSG00000035279	6.367066661	9.043024169	6.35535943	4.832746033	2.864778345
ENSMUSG00000035285	6.367066661	12.52111039	13.41686991	7.249119049	7.87814045
ENSMUSG00000035298	11.31922962	7.651789682	9.179963621	8.860034393	7.161945863
ENSMUSG00000035305	6.367066661	4.173703463	2.824604191	1.610915344	7.87814045
ENSMUSG00000035329	128.0487851	144.6883867	122.8702823	188.4770953	153.2656415
ENSMUSG00000035337	154.9319554	237.2054801	190.6607829	169.1461111	156.8466144
ENSMUSG00000035352	14.14903703	4.173703463	8.473812573	6.443661377	5.729556691
ENSMUSG00000035354	113.8997481	137.036597	120.7518292	240.0263863	183.3458141

ENSMUSG00000035367	140.0754665	189.2078903	177.950064	317.3503228	271.4377482
ENSMUSG00000035370	2.829807405	2.782468975	0.706151048	0.805457672	1.432389173
ENSMUSG00000035371	4.952162959	4.869320706	4.236906287	1.610915344	5.729556691
ENSMUSG00000035372	15.56394073	20.86851731	12.00456781	12.08186508	12.89150255
ENSMUSG00000035373	9.196874066	5.56493795	4.943057334	6.443661377	5.013362104
ENSMUSG00000035376	17.68629628	18.78166558	21.18453143	19.33098413	17.18867007
ENSMUSG00000035382	47.39927403	95.2995624	84.73812573	91.82217462	95.25387998
ENSMUSG00000035383	7.781970364	9.738641413	5.649208382	1.610915344	5.729556691
ENSMUSG00000035385	9.196874066	6.260555194	6.35535943	4.832746033	9.310529622
ENSMUSG00000035387	4.244711108	1.391234488	4.236906287	0	1.432389173
ENSMUSG00000035397	84.1867703	108.51629	100.9795998	134.5114312	113.8749392
ENSMUSG00000035401	36.08004441	61.21431745	60.72899011	82.15668255	84.51096119
ENSMUSG00000035407	7.074518513	3.478086219	7.767661525	6.443661377	6.445751277
ENSMUSG00000035413	5.65961481	6.956172438	5.649208382	5.638203705	4.297167518
ENSMUSG00000035420	10.61177777	13.21672763	7.061510478	6.443661377	8.594335036
ENSMUSG00000035431	9.196874066	5.56493795	7.767661525	6.443661377	5.729556691
ENSMUSG00000035448	8.489422215	4.173703463	6.35535943	7.249119049	5.729556691
ENSMUSG00000035451	7.781970364	6.260555194	8.473812573	8.054576721	4.297167518
ENSMUSG00000035454	6.367066661	7.651789682	5.649208382	1.610915344	5.729556691
ENSMUSG00000035456	2.122355554	7.651789682	7.061510478	4.02728836	3.580972932
ENSMUSG00000035476	24.05336294	33.3896277	28.24604191	33.02376456	23.63442135
ENSMUSG00000035491	3.537259256	1.391234488	4.943057334	4.832746033	3.580972932
ENSMUSG00000035522	4.952162959	1.391234488	2.118453143	3.221830688	2.864778345
ENSMUSG00000035523	13.44158517	10.43425866	4.943057334	4.02728836	2.148583759
ENSMUSG00000035528	12.73413332	6.260555194	4.943057334	5.638203705	12.89150255
ENSMUSG00000035551	7.074518513	0.695617244	4.236906287	5.638203705	4.297167518
ENSMUSG00000035557	11.31922962	6.260555194	4.943057334	1.610915344	8.594335036
ENSMUSG00000035559	21.93100739	31.30277597	32.4829482	25.77464551	36.5259239
ENSMUSG00000035560	9.904325918	6.260555194	9.886114669	8.860034393	7.87814045
ENSMUSG00000035561	16.27139258	15.99919661	19.06607829	14.4982381	11.45911338
ENSMUSG00000035566	10.61177777	8.347406925	5.649208382	4.832746033	4.297167518
ENSMUSG00000035592	14.14903703	9.043024169	8.473812573	5.638203705	12.89150255
ENSMUSG00000035595	31.12788146	51.47567604	52.25517753	36.24559524	39.39070225
ENSMUSG00000035601	16.27139258	36.86771392	28.95219296	13.69278043	22.91822676
ENSMUSG00000035606	10.61177777	6.260555194	4.236906287	6.443661377	6.445751277
ENSMUSG00000035626	4.952162959	4.869320706	8.473812573	3.221830688	7.87814045
ENSMUSG00000035651	6.367066661	5.56493795	4.943057334	2.416373016	3.580972932
ENSMUSG00000035671	24.05336294	47.30197258	43.78136496	22.55281482	35.09353473
ENSMUSG00000035678	7.074518513	12.52111039	10.59226572	45.10562964	27.21539428
ENSMUSG00000035681	7.074518513	5.56493795	10.59226572	3.221830688	6.445751277
ENSMUSG00000035686	6.367066661	9.043024169	5.649208382	8.860034393	5.013362104
ENSMUSG00000035692	15.56394073	27.82468975	12.00456781	95.04400531	53.71459398
ENSMUSG00000035699	12.02668147	3.478086219	7.767661525	5.638203705	7.87814045

ENSMUSG00000035711	45.27691848	64.69240367	67.79050059	42.68925662	41.53928601
ENSMUSG00000035726	97.62835547	118.2549314	132.0502459	239.2209286	174.7514791
ENSMUSG00000035745	7.781970364	9.043024169	7.061510478	12.08186508	6.445751277
ENSMUSG00000035754	26.1757185	44.5195036	31.0706461	78.93485187	64.45751277
ENSMUSG00000035759	7.074518513	9.738641413	10.59226572	12.88732275	17.18867007
ENSMUSG00000035764	25.46826665	59.12746572	45.8998181	77.32393652	73.76804239
ENSMUSG00000035765	33.95768886	64.69240367	68.49665163	30.60739154	48.70123187
ENSMUSG00000035769	7.074518513	6.956172438	8.473812573	7.249119049	8.594335036
ENSMUSG00000035770	68.62282957	87.64777272	89.68118307	77.32393652	83.07857202
ENSMUSG00000035773	64.37811846	87.64777272	86.85657888	57.18749472	54.43078856
ENSMUSG00000035775	10.61177777	11.82549314	7.767661525	6.443661377	5.729556691
ENSMUSG00000035780	11.31922962	15.99919661	9.179963621	2.416373016	5.729556691
ENSMUSG00000035783	7.781970364	11.82549314	5.649208382	4.832746033	4.297167518
ENSMUSG00000035785	1.414903703	1.391234488	2.118453143	0.805457672	2.148583759
ENSMUSG00000035799	6.367066661	7.651789682	4.236906287	4.832746033	5.729556691
ENSMUSG00000035804	12.73413332	4.173703463	13.41686991	2.416373016	5.729556691
ENSMUSG00000035824	15.56394073	32.69401046	21.89068248	13.69278043	22.20203218
ENSMUSG00000035831	7.781970364	9.738641413	7.767661525	4.832746033	5.729556691
ENSMUSG00000035836	5.65961481	7.651789682	2.824604191	3.221830688	2.148583759
ENSMUSG00000035840	40.32475552	66.08363816	47.3121202	45.10562964	43.68786977
ENSMUSG00000035860	10.61177777	9.043024169	6.35535943	3.221830688	6.445751277
ENSMUSG00000035861	7.781970364	4.173703463	2.824604191	3.221830688	5.729556691
ENSMUSG00000035873	7.781970364	6.26055194	4.943057334	7.249119049	5.013362104
ENSMUSG00000035885	102.5805184	139.819066	116.5149229	223.1117752	166.8733386
ENSMUSG00000035890	101.1656147	126.6023384	105.2165061	222.3063175	175.4676737
ENSMUSG00000035896	8.489422215	5.56493795	12.00456781	4.832746033	15.04008631
ENSMUSG00000035916	9.196874066	11.1298759	7.061510478	7.249119049	8.594335036
ENSMUSG00000035923	5.65961481	8.347406925	9.886114669	6.443661377	7.87814045
ENSMUSG00000035930	7.074518513	2.782468975	7.767661525	4.02728836	7.87814045
ENSMUSG00000035932	10.61177777	8.347406925	5.649208382	5.638203705	5.729556691
ENSMUSG00000035933	67.20792587	123.1242521	99.56729774	104.7094974	92.38910164
ENSMUSG00000035936	7.781970364	6.26055194	8.473812573	5.638203705	7.87814045
ENSMUSG00000035946	5.65961481	9.738641413	11.29841676	11.27640741	5.729556691
ENSMUSG00000035951	14.14903703	3.478086219	6.35535943	7.249119049	10.02672421
ENSMUSG00000035958	89.84638511	125.2111039	105.9226572	206.1971641	157.562809
ENSMUSG00000035963	8.489422215	9.043024169	9.886114669	6.443661377	4.297167518
ENSMUSG00000035964	3.537259256	4.173703463	7.767661525	4.832746033	6.445751277
ENSMUSG00000036019	6.367066661	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG00000036023	24.76081479	38.95456565	37.42600553	53.16020636	46.55264811
ENSMUSG00000036030	4.952162959	11.1298759	9.179963621	3.221830688	6.445751277
ENSMUSG00000036061	19.10119998	19.47728283	31.0706461	20.1364418	21.48583759
ENSMUSG00000036091	5.65961481	5.56493795	7.061510478	5.638203705	4.297167518
ENSMUSG00000036093	87.72402956	114.7768452	104.5103551	131.2896006	100.9834367



ENSMUSG00000036097	70.74518513	115.4724625	84.73812573	115.9859048	116.023523
ENSMUSG00000036103	9.904325918	8.347406925	2.118453143	4.02728836	5.013362104
ENSMUSG00000036111	8.489422215	3.478086219	9.179963621	4.832746033	5.729556691
ENSMUSG00000036114	28.29807405	43.82388636	44.48751601	40.2728836	45.83645353
ENSMUSG00000036117	7.781970364	6.956172438	6.35535943	8.054576721	8.594335036
ENSMUSG00000036136	4.244711108	6.956172438	8.473812573	6.443661377	7.161945863
ENSMUSG00000036139	8.489422215	8.347406925	10.59226572	6.443661377	5.013362104
ENSMUSG00000036144	14.85648888	9.043024169	12.00456781	3.221830688	6.445751277
ENSMUSG00000036169	7.074518513	5.56493795	4.236906287	2.416373016	4.297167518
ENSMUSG00000036181	5.65961481	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG00000036185	25.46826665	26.43345526	28.95219296	16.91461111	12.17530797
ENSMUSG00000036186	8.489422215	11.82549314	4.236906287	8.054576721	8.594335036
ENSMUSG00000036188	38.20239997	61.9099347	64.25974535	99.87675134	76.63282074
ENSMUSG00000036199	4.952162959	9.043024169	9.886114669	10.47094974	7.87814045
ENSMUSG00000036211	7.781970364	9.738641413	9.179963621	7.249119049	5.013362104
ENSMUSG00000036216	12.73413332	6.956172438	10.59226572	4.832746033	8.594335036
ENSMUSG00000036231	8.489422215	9.043024169	6.35535943	5.638203705	11.45911338
ENSMUSG00000036241	59.42595551	107.8206728	87.56272992	105.514955	93.10529622
ENSMUSG00000036244	10.61177777	3.478086219	4.236906287	8.860034393	7.87814045
ENSMUSG00000036264	10.61177777	3.478086219	9.179963621	10.47094974	7.87814045
ENSMUSG00000036278	8.489422215	9.043024169	9.179963621	11.27640741	8.594335036
ENSMUSG00000036291	70.74518513	124.5154866	108.0411103	143.3714656	121.7530797
ENSMUSG00000036295	9.196874066	11.82549314	11.29841676	6.443661377	10.02672421
ENSMUSG00000036299	46.69182218	99.47326586	87.56272992	116.7913625	113.1587446
ENSMUSG00000036357	4.952162959	5.56493795	4.943057334	2.416373016	2.864778345
ENSMUSG00000036362	9.904325918	14.60796212	7.061510478	5.638203705	15.7562809
ENSMUSG00000036368	12.02668147	16.69481385	10.59226572	13.69278043	16.47247549
ENSMUSG00000036371	155.6394073	149.5577074	157.4716837	322.1830688	205.5478463
ENSMUSG00000036376	22.63845924	31.30277597	27.53989086	92.62763229	68.0384857
ENSMUSG00000036390	6.367066661	16.69481385	16.2414741	9.665492065	13.60769714
ENSMUSG00000036401	9.196874066	6.260555194	4.943057334	7.249119049	3.580972932
ENSMUSG00000036412	7.074518513	10.43425866	9.179963621	8.054576721	5.729556691
ENSMUSG00000036427	43.15456293	70.95295887	55.78593277	133.7059736	96.68626916
ENSMUSG00000036430	66.50047402	102.2557348	79.08891735	112.7640741	98.83485292
ENSMUSG00000036432	25.46826665	55.6493795	50.13672439	264.1901164	199.102095
ENSMUSG00000036437	11.31922962	7.651789682	7.061510478	6.443661377	8.594335036
ENSMUSG00000036442	21.93100739	40.34580014	43.78136496	34.6346799	35.09353473
ENSMUSG00000036446	14.85648888	8.347406925	9.179963621	7.249119049	7.87814045
ENSMUSG00000036449	4.952162959	2.782468975	9.886114669	10.47094974	9.310529622
ENSMUSG00000036450	67.91537772	92.51709342	83.32582364	71.68573282	78.06520991
ENSMUSG00000036463	9.196874066	7.651789682	7.767661525	4.832746033	0.716194586
ENSMUSG00000036478	103.9954221	148.8620902	117.927225	190.0880106	144.6713064
ENSMUSG00000036480	10.61177777	4.173703463	2.118453143	4.02728836	5.729556691

ENSMUSG00000036499	18.39374813	33.3896277	35.30755239	51.54929101	44.40406435
ENSMUSG00000036501	78.52715549	101.5601176	109.4534124	102.2931244	86.65954495
ENSMUSG00000036504	12.73413332	18.08604834	20.47838039	27.38556085	21.48583759
ENSMUSG00000036521	12.02668147	9.043024169	9.179963621	2.416373016	10.7429188
ENSMUSG00000036526	147.1499851	161.3832006	147.585569	190.0880106	174.7514791
ENSMUSG00000036533	26.1757185	34.08524495	38.13215658	15.30369577	17.18867007
ENSMUSG00000036534	16.27139258	18.78166558	20.47838039	18.52552646	15.04008631
ENSMUSG00000036537	24.76081479	40.34580014	38.83830763	49.93837567	34.37734014
ENSMUSG00000036545	7.074518513	5.56493795	5.649208382	8.054576721	7.161945863
ENSMUSG00000036551	2.122355554	2.086851731	4.236906287	2.416373016	2.864778345
ENSMUSG00000036557	13.44158517	11.82549314	11.29841676	16.10915344	10.7429188
ENSMUSG00000036565	72.16008883	89.73462445	112.2780166	50.74383334	43.68786977
ENSMUSG00000036568	79.94205919	115.4724625	91.79963621	46.71654498	53.71459398
ENSMUSG00000036574	2.829807405	8.347406925	6.35535943	9.665492065	9.310529622
ENSMUSG00000036578	6.367066661	6.956172438	9.886114669	8.054576721	3.580972932
ENSMUSG00000036586	8.489422215	4.869320706	9.886114669	7.249119049	7.161945863
ENSMUSG00000036596	7.074518513	5.56493795	2.824604191	8.860034393	8.594335036
ENSMUSG00000036598	6.367066661	7.651789682	7.061510478	11.27640741	8.594335036
ENSMUSG00000036611	5.65961481	6.260555194	6.35535943	6.443661377	6.445751277
ENSMUSG00000036613	69.33028142	100.1688831	96.74269354	88.60034393	75.20043157
ENSMUSG00000036615	24.76081479	46.60635533	50.84287544	50.74383334	52.2822048
ENSMUSG00000036632	45.98437033	88.34338996	73.43970897	128.8732275	125.3340526
ENSMUSG00000036636	47.39927403	64.69240367	55.78593277	66.04752911	76.63282074
ENSMUSG00000036641	11.31922962	6.260555194	9.179963621	8.860034393	8.594335036
ENSMUSG00000036655	9.196874066	2.782468975	4.236906287	8.860034393	4.297167518
ENSMUSG00000036672	12.73413332	30.60715873	22.59683353	24.96918783	25.06681052
ENSMUSG00000036678	16.27139258	28.52030699	26.83373982	41.88379895	33.66114556
ENSMUSG00000036731	9.196874066	4.869320706	6.35535943	8.860034393	3.580972932
ENSMUSG00000036743	5.65961481	8.347406925	6.35535943	7.249119049	8.594335036
ENSMUSG00000036751	59.42595551	108.51629	87.56272992	126.4568545	100.2672421
ENSMUSG00000036752	47.39927403	59.12746572	48.7244223	181.2279762	133.2121931
ENSMUSG00000036768	101.1656147	132.1672763	122.1641313	197.3371297	152.5494469
ENSMUSG00000036777	47.39927403	62.60555194	60.02283906	101.4876667	74.48423698
ENSMUSG00000036790	4.952162959	4.173703463	4.943057334	3.221830688	2.864778345
ENSMUSG00000036800	4.952162959	6.956172438	6.35535943	4.02728836	6.445751277
ENSMUSG00000036822	77.11225179	92.51709342	84.73812573	152.2315	123.1854689
ENSMUSG00000036832	7.074518513	4.173703463	3.530755239	5.638203705	7.161945863
ENSMUSG00000036835	47.39927403	55.6493795	42.36906287	56.38203705	50.13362104
ENSMUSG00000036840	86.30912585	107.1250555	115.8087718	104.7094974	79.49759908
ENSMUSG00000036850	31.12788146	39.6501829	38.13215658	60.40932541	68.0384857
ENSMUSG00000036853	6.367066661	16.69481385	12.71071886	2.416373016	10.02672421
ENSMUSG00000036855	7.074518513	5.56493795	9.886114669	8.054576721	5.729556691
ENSMUSG00000036856	10.61177777	3.478086219	7.061510478	9.665492065	4.297167518

ENSMUSG00000036858	7.074518513	12.52111039	10.59226572	7.249119049	10.02672421
ENSMUSG00000036867	5.65961481	9.738641413	8.473812573	5.638203705	5.729556691
ENSMUSG00000036880	15.56394073	28.52030699	15.53532305	17.72006879	20.05344842
ENSMUSG00000036887	8.489422215	6.956172438	7.767661525	4.832746033	7.87814045
ENSMUSG00000036894	20.51610369	18.78166558	33.18909925	30.60739154	32.22875639
ENSMUSG00000036896	2.122355554	4.869320706	7.767661525	4.832746033	6.445751277
ENSMUSG00000036904	10.61177777	8.347406925	10.59226572	4.832746033	9.310529622
ENSMUSG00000036905	4.952162959	4.869320706	7.767661525	8.860034393	7.87814045
ENSMUSG00000036907	7.074518513	4.869320706	4.943057334	7.249119049	5.729556691
ENSMUSG00000036921	7.074518513	6.260555194	5.649208382	10.47094974	8.594335036
ENSMUSG00000036924	9.904325918	11.82549314	6.35535943	7.249119049	8.594335036
ENSMUSG00000036925	19.80865184	14.60796212	18.35992724	17.72006879	18.62105924
ENSMUSG00000036934	92.67619252	111.298759	96.0365425	146.5932963	143.9551119
ENSMUSG00000036941	15.56394073	14.60796212	19.06607829	15.30369577	17.90486466
ENSMUSG00000036943	14.14903703	22.2597518	34.60140134	154.647873	103.848215
ENSMUSG00000036944	31.83533331	54.95376226	42.36906287	17.72006879	28.64778345
ENSMUSG00000036951	4.952162959	5.56493795	8.473812573	4.02728836	7.161945863
ENSMUSG00000036957	5.65961481	4.869320706	9.179963621	8.054576721	5.013362104
ENSMUSG00000036958	9.196874066	4.869320706	7.061510478	8.054576721	10.02672421
ENSMUSG00000036961	7.074518513	10.43425866	12.71071886	2.416373016	10.02672421
ENSMUSG00000036975	12.02668147	15.99919661	17.65377619	17.72006879	19.33725383
ENSMUSG00000036977	80.64951104	120.3417832	92.50578726	217.4735715	177.6162574
ENSMUSG00000036995	8.489422215	4.869320706	6.35535943	7.249119049	10.02672421
ENSMUSG00000037010	3.537259256	4.869320706	4.236906287	3.221830688	4.297167518
ENSMUSG00000037014	10.61177777	11.82549314	6.35535943	8.860034393	7.161945863
ENSMUSG00000037022	26.88317035	46.60635533	38.13215658	36.24559524	52.2822048
ENSMUSG00000037029	108.2401332	161.3832006	123.5764334	202.9753334	148.2522794
ENSMUSG00000037033	11.31922962	11.1298759	9.179963621	4.02728836	5.729556691
ENSMUSG00000037035	4.952162959	6.260555194	3.530755239	1.610915344	5.013362104
ENSMUSG00000037049	30.4204296	43.82388636	36.71985448	14.4982381	31.5125618
ENSMUSG00000037053	9.196874066	5.56493795	4.236906287	3.221830688	5.729556691
ENSMUSG00000037060	4.952162959	6.260555194	7.061510478	7.249119049	7.161945863
ENSMUSG00000037070	93.38364437	155.1226454	123.5764334	201.364418	175.4676737
ENSMUSG00000037071	232.0442072	238.5967146	199.1345955	305.2684577	232.047046
ENSMUSG00000037075	33.25023701	57.04061399	36.71985448	93.43308996	77.34901533
ENSMUSG00000037085	20.51610369	51.47567604	38.83830763	68.46390213	67.32229112
ENSMUSG00000037086	3.537259256	6.260555194	5.649208382	0	5.729556691
ENSMUSG00000037095	6.367066661	3.478086219	4.943057334	6.443661377	6.445751277
ENSMUSG00000037103	83.47931845	93.21271067	92.50578726	95.84946298	90.24051788
ENSMUSG00000037104	26.1757185	46.60635533	40.95676077	17.72006879	22.20203218
ENSMUSG00000037106	8.489422215	8.347406925	6.35535943	8.860034393	4.297167518
ENSMUSG00000037111	41.03220737	48.69320706	41.66291182	60.40932541	71.61945863
ENSMUSG00000037119	44.56946663	75.82227957	53.66747963	132.9005159	107.429188

ENSMUSG00000037124	7.074518513	6.956172438	9.886114669	5.638203705	5.013362104
ENSMUSG00000037129	8.489422215	7.651789682	3.530755239	8.054576721	10.02672421
ENSMUSG00000037130	12.02668147	6.956172438	10.59226572	7.249119049	5.729556691
ENSMUSG00000037148	7.074518513	7.651789682	10.59226572	20.1364418	12.89150255
ENSMUSG00000037151	12.02668147	20.86851731	26.12758877	21.74735715	17.90486466
ENSMUSG00000037157	8.489422215	5.56493795	3.530755239	2.416373016	4.297167518
ENSMUSG00000037166	9.904325918	4.869320706	7.061510478	5.638203705	5.729556691
ENSMUSG00000037167	6.367066661	3.478086219	8.473812573	5.638203705	5.013362104
ENSMUSG00000037171	7.074518513	9.043024169	10.59226572	11.27640741	8.594335036
ENSMUSG00000037185	9.196874066	6.260555194	4.943057334	5.638203705	3.580972932
ENSMUSG00000037188	9.196874066	4.173703463	6.35535943	6.443661377	5.013362104
ENSMUSG00000037196	4.244711108	11.1298759	6.35535943	2.416373016	3.580972932
ENSMUSG00000037202	4.952162959	11.82549314	5.649208382	1.610915344	15.04008631
ENSMUSG00000037204	76.40479994	89.0390072	84.03197468	53.96566403	66.60609653
ENSMUSG00000037216	12.73413332	18.78166558	12.00456781	14.4982381	15.04008631
ENSMUSG00000037239	5.65961481	7.651789682	3.530755239	5.638203705	5.013362104
ENSMUSG00000037242	41.73965922	68.86610713	55.07978173	254.5246244	193.3725383
ENSMUSG00000037251	10.61177777	9.738641413	12.71071886	9.665492065	15.04008631
ENSMUSG00000037257	119.5593629	143.9927695	129.2256417	102.2931244	78.06520991
ENSMUSG00000037260	5.65961481	14.60796212	12.00456781	8.860034393	15.7562809
ENSMUSG00000037262	166.251185	235.1186284	201.9591997	304.4630001	230.6146568
ENSMUSG00000037278	17.68629628	29.21592424	31.77679715	82.15668255	82.36237743
ENSMUSG00000037295	54.47379255	92.51709342	80.50121945	34.6346799	47.98503729
ENSMUSG00000037296	72.16008883	132.1672763	105.9226572	132.0950582	125.3340526
ENSMUSG00000037316	68.62282957	117.5593142	108.7472614	99.87675134	126.7664418
ENSMUSG00000037334	7.781970364	9.738641413	8.473812573	4.832746033	11.45911338
ENSMUSG00000037343	25.46826665	36.17209668	41.66291182	37.85651059	33.66114556
ENSMUSG00000037346	6.367066661	4.173703463	6.35535943	3.221830688	5.013362104
ENSMUSG00000037347	0.707451851	4.869320706	4.943057334	6.443661377	3.580972932
ENSMUSG00000037349	11.31922962	8.347406925	9.179963621	8.054576721	15.04008631
ENSMUSG00000037351	64.37811846	86.95215547	91.09348516	91.82217462	88.09193412
ENSMUSG00000037353	16.97884443	25.73783802	27.53989086	28.19101852	32.94495097
ENSMUSG00000037358	5.65961481	3.478086219	4.236906287	2.416373016	2.864778345
ENSMUSG00000037361	55.88869625	113.3856107	79.08891735	146.5932963	123.9016634
ENSMUSG00000037362	10.61177777	3.478086219	7.061510478	7.249119049	3.580972932
ENSMUSG00000037363	12.73413332	26.43345526	21.18453143	10.47094974	17.18867007
ENSMUSG00000037379	10.61177777	1.391234488	7.061510478	6.443661377	8.594335036
ENSMUSG00000037393	12.02668147	9.043024169	9.886114669	4.832746033	6.445751277
ENSMUSG00000037405	41.73965922	57.73623123	47.3121202	201.364418	136.0769714
ENSMUSG00000037406	12.73413332	15.30357936	16.94762515	17.72006879	19.33725383
ENSMUSG00000037415	70.74518513	80.69160028	86.15042783	72.49119049	73.76804239
ENSMUSG00000037418	7.074518513	10.43425866	6.35535943	4.02728836	8.594335036
ENSMUSG00000037419	26.1757185	27.82468975	33.18909925	19.33098413	18.62105924

ENSMUSG00000037434	26.1757185	46.60635533	35.30755239	31.41284921	35.80972932
ENSMUSG00000037440	7.781970364	2.782468975	3.530755239	7.249119049	6.445751277
ENSMUSG00000037451	9.904325918	9.043024169	8.473812573	9.665492065	8.594335036
ENSMUSG00000037465	3.537259256	6.260555194	7.061510478	8.860034393	12.17530797
ENSMUSG00000037469	5.65961481	2.782468975	7.767661525	4.832746033	7.161945863
ENSMUSG00000037477	7.781970364	9.043024169	4.943057334	5.638203705	7.87814045
ENSMUSG00000037482	8.489422215	6.956172438	7.061510478	6.443661377	8.594335036
ENSMUSG00000037487	85.601674	120.3417832	100.2734488	178.0061455	146.8198902
ENSMUSG00000037490	7.074518513	4.869320706	5.649208382	6.443661377	8.594335036
ENSMUSG00000037493	5.65961481	8.347406925	5.649208382	5.638203705	7.161945863
ENSMUSG00000037499	9.904325918	11.82549314	14.829172	17.72006879	10.7429188
ENSMUSG00000037525	7.781970364	15.30357936	17.65377619	15.30369577	15.7562809
ENSMUSG00000037526	21.93100739	33.3896277	31.77679715	29.80193387	29.36397804
ENSMUSG00000037531	57.30359995	78.60474855	74.85201106	121.6241085	118.1721067
ENSMUSG00000037573	21.22355554	32.69401046	38.83830763	30.60739154	25.78300511
ENSMUSG00000037578	8.489422215	8.347406925	9.179963621	8.054576721	6.445751277
ENSMUSG00000037580	22.63845924	47.30197258	38.83830763	49.132918	55.14698315
ENSMUSG00000037583	13.44158517	3.478086219	9.179963621	10.47094974	7.87814045
ENSMUSG00000037621	4.244711108	6.956172438	2.824604191	10.47094974	11.45911338
ENSMUSG00000037625	9.196874066	4.869320706	8.473812573	10.47094974	11.45911338
ENSMUSG00000037628	11.31922962	19.47728283	19.06607829	18.52552646	22.20203218
ENSMUSG00000037636	5.65961481	9.738641413	6.35535943	5.638203705	4.297167518
ENSMUSG00000037638	7.781970364	11.82549314	12.71071886	6.443661377	5.013362104
ENSMUSG00000037646	41.73965922	81.38721752	69.90895373	70.88027514	62.30892901
ENSMUSG00000037649	133.7083999	145.3840039	141.9363606	240.831844	179.0486466
ENSMUSG00000037653	7.781970364	9.043024169	4.943057334	4.02728836	6.445751277
ENSMUSG00000037656	14.14903703	28.52030699	14.829172	38.66196826	26.49919969
ENSMUSG00000037660	7.781970364	7.651789682	7.061510478	6.443661377	7.161945863
ENSMUSG00000037679	23.34591109	34.08524495	31.0706461	132.0950582	105.2806042
ENSMUSG00000037686	3.537259256	2.086851731	1.412302096	5.638203705	5.013362104
ENSMUSG00000037689	12.02668147	5.56493795	5.649208382	8.860034393	10.02672421
ENSMUSG00000037710	35.37259256	68.17048989	59.31668801	109.5422434	91.67290705
ENSMUSG00000037722	10.61177777	16.69481385	20.47838039	28.19101852	27.93158887
ENSMUSG00000037725	16.27139258	29.91154148	19.77222934	39.46742593	34.37734014
ENSMUSG00000037727	7.074518513	4.173703463	9.886114669	3.221830688	3.580972932
ENSMUSG00000037731	106.8252295	151.6445591	128.5194907	144.982381	113.8749392
ENSMUSG00000037737	6.367066661	8.347406925	5.649208382	2.416373016	6.445751277
ENSMUSG00000037740	34.66514071	54.25814501	50.13672439	70.07481747	74.48423698
ENSMUSG00000037747	8.489422215	9.043024169	9.886114669	3.221830688	5.013362104
ENSMUSG00000037752	12.73413332	20.86851731	11.29841676	12.08186508	10.02672421
ENSMUSG00000037759	8.489422215	9.043024169	9.886114669	9.665492065	7.161945863
ENSMUSG00000037762	4.244711108	2.086851731	5.649208382	5.638203705	8.594335036
ENSMUSG00000037780	9.904325918	3.478086219	8.473812573	3.221830688	7.87814045

ENSMUSG00000037790	4.244711108	6.260555194	4.236906287	2.416373016	2.148583759
ENSMUSG00000037798	11.31922962	8.347406925	4.236906287	3.221830688	7.161945863
ENSMUSG00000037815	21.22355554	22.95536904	32.4829482	29.80193387	27.21539428
ENSMUSG00000037824	111.0699406	118.9505487	133.462548	124.0404815	116.7397176
ENSMUSG00000037826	72.16008883	120.3417832	86.15042783	74.10210583	75.91662615
ENSMUSG00000037843	7.781970364	7.651789682	4.236906287	6.443661377	5.013362104
ENSMUSG00000037849	37.49494812	66.08363816	55.07978173	71.68573282	50.13362104
ENSMUSG00000037852	8.489422215	4.869320706	8.473812573	7.249119049	3.580972932
ENSMUSG00000037872	7.074518513	2.086851731	10.59226572	8.054576721	6.445751277
ENSMUSG00000037924	8.489422215	9.043024169	7.061510478	5.638203705	6.445751277
ENSMUSG00000037938	12.73413332	19.47728283	12.00456781	22.55281482	19.33725383
ENSMUSG00000037942	10.61177777	8.347406925	8.473812573	5.638203705	7.87814045
ENSMUSG00000037944	153.5170517	182.9473351	158.1778347	191.698926	162.5761711
ENSMUSG00000037949	24.76081479	32.69401046	37.42600553	28.19101852	24.35061594
ENSMUSG00000037953	14.14903703	4.869320706	5.649208382	5.638203705	5.013362104
ENSMUSG00000037962	9.196874066	6.260555194	4.943057334	6.443661377	9.310529622
ENSMUSG00000037972	292.1776146	240.6835663	262.6881898	289.1593043	204.1154571
ENSMUSG00000037973	12.02668147	7.651789682	7.061510478	4.02728836	4.297167518
ENSMUSG00000037977	7.781970364	13.91234488	9.886114669	17.72006879	11.45911338
ENSMUSG00000037984	9.196874066	2.086851731	2.824604191	6.443661377	4.297167518
ENSMUSG00000037991	22.63845924	25.04222078	23.30298458	128.0677699	90.95671247
ENSMUSG00000037993	45.27691848	61.21431745	66.37819849	118.4022778	106.7129934
ENSMUSG00000038002	60.13340736	99.47326586	86.15042783	143.3714656	113.8749392
ENSMUSG00000038009	4.244711108	4.869320706	5.649208382	4.02728836	3.580972932
ENSMUSG00000038014	36.08004441	74.43104508	57.19823487	279.4938122	171.1705061
ENSMUSG00000038015	0.707451851	3.478086219	3.530755239	1.610915344	2.148583759
ENSMUSG00000038020	18.39374813	14.60796212	17.65377619	14.4982381	10.02672421
ENSMUSG00000038025	109.6550369	139.1234488	129.2256417	142.566008	123.9016634
ENSMUSG00000038028	36.08004441	49.38882431	55.78593277	57.99295239	56.57937232
ENSMUSG00000038037	12.02668147	18.08604834	17.65377619	223.1117752	161.1437819
ENSMUSG00000038044	8.489422215	6.260555194	9.179963621	5.638203705	5.729556691
ENSMUSG00000038046	27.5906222	57.73623123	36.01370344	86.18397091	81.64618284
ENSMUSG00000038057	19.80865184	29.21592424	23.30298458	64.43661377	60.16034525
ENSMUSG00000038059	7.074518513	9.043024169	11.29841676	17.72006879	16.47247549
ENSMUSG00000038064	2.122355554	3.478086219	4.236906287	4.02728836	2.864778345
ENSMUSG00000038067	10.61177777	4.173703463	7.061510478	4.832746033	8.594335036
ENSMUSG00000038069	31.12788146	52.86691053	57.19823487	60.40932541	54.43078856
ENSMUSG00000038071	6.367066661	4.173703463	9.179963621	4.832746033	8.594335036
ENSMUSG00000038077	9.196874066	5.56493795	9.179963621	4.832746033	7.87814045
ENSMUSG00000038086	6.367066661	7.651789682	7.061510478	8.054576721	4.297167518
ENSMUSG00000038092	13.44158517	6.956172438	9.886114669	10.47094974	9.310529622
ENSMUSG00000038121	43.86201478	92.51709342	64.96589639	112.7640741	107.429188
ENSMUSG00000038122	10.61177777	13.21672763	8.473812573	5.638203705	10.02672421

ENSMUSG00000038128	7.781970364	4.869320706	2.118453143	8.860034393	7.161945863
ENSMUSG00000038132	5.65961481	6.956172438	9.179963621	10.47094974	5.729556691
ENSMUSG00000038135	4.244711108	9.043024169	6.35535943	4.832746033	7.161945863
ENSMUSG00000038141	9.196874066	24.34660353	23.30298458	15.30369577	13.60769714
ENSMUSG00000038146	7.074518513	8.347406925	8.473812573	3.221830688	5.729556691
ENSMUSG00000038150	77.11225179	92.51709342	94.6242404	76.51847885	75.20043157
ENSMUSG00000038160	47.39927403	98.08203137	80.50121945	79.74030954	88.80812871
ENSMUSG00000038167	7.074518513	3.478086219	7.061510478	0.805457672	5.729556691
ENSMUSG00000038168	9.196874066	4.173703463	7.061510478	6.443661377	8.594335036
ENSMUSG00000038192	6.367066661	4.869320706	7.767661525	4.02728836	4.297167518
ENSMUSG00000038193	7.781970364	6.260555194	4.236906287	1.610915344	7.161945863
ENSMUSG00000038195	4.952162959	9.043024169	5.649208382	9.665492065	3.580972932
ENSMUSG00000038213	21.93100739	43.12826911	36.71985448	72.49119049	55.14698315
ENSMUSG00000038216	7.781970364	3.478086219	4.943057334	4.832746033	3.580972932
ENSMUSG00000038233	7.781970364	9.738641413	8.473812573	8.860034393	7.87814045
ENSMUSG00000038235	9.196874066	9.043024169	8.473812573	7.249119049	10.7429188
ENSMUSG00000038236	4.244711108	5.56493795	7.061510478	6.443661377	5.729556691
ENSMUSG00000038246	9.196874066	9.043024169	9.886114669	5.638203705	6.445751277
ENSMUSG00000038248	8.489422215	6.260555194	4.943057334	8.054576721	3.580972932
ENSMUSG00000038250	131.5860443	162.774435	143.3486627	251.3027937	191.9401491
ENSMUSG00000038253	11.31922962	5.56493795	8.473812573	5.638203705	2.864778345
ENSMUSG00000038255	8.489422215	6.260555194	7.061510478	8.054576721	5.729556691
ENSMUSG00000038257	14.85648888	10.43425866	6.35535943	2.416373016	8.594335036
ENSMUSG00000038259	6.367066661	6.956172438	12.00456781	7.249119049	10.7429188
ENSMUSG00000038264	54.47379255	82.08283477	55.07978173	107.9313281	103.848215
ENSMUSG00000038268	9.196874066	13.91234488	14.829172	32.21830688	32.94495097
ENSMUSG00000038300	7.074518513	6.260555194	2.824604191	8.860034393	7.87814045
ENSMUSG00000038323	30.4204296	50.7800588	45.19366706	20.1364418	30.08017263
ENSMUSG00000038327	9.904325918	5.56493795	9.179963621	5.638203705	6.445751277
ENSMUSG00000038365	33.95768886	50.7800588	48.01827125	28.9964762	32.94495097
ENSMUSG00000038370	7.074518513	10.43425866	7.061510478	8.054576721	1.432389173
ENSMUSG00000038387	14.14903703	19.47728283	13.41686991	14.4982381	14.32389173
ENSMUSG00000038398	15.56394073	30.60715873	22.59683353	13.69278043	24.35061594
ENSMUSG00000038402	6.367066661	4.869320706	9.179963621	4.832746033	8.594335036
ENSMUSG00000038412	24.05336294	43.12826911	34.60140134	63.6311561	61.59273443
ENSMUSG00000038417	55.88869625	105.7338211	74.14586002	54.7711217	60.16034525
ENSMUSG00000038418	8.489422215	11.82549314	10.59226572	12.08186508	9.310529622
ENSMUSG00000038422	11.31922962	6.260555194	12.71071886	2.416373016	5.729556691
ENSMUSG00000038446	91.96874066	130.7760418	121.4579802	88.60034393	80.92998826
ENSMUSG00000038456	9.904325918	5.56493795	9.886114669	7.249119049	5.729556691
ENSMUSG00000038462	72.16008883	109.9075245	100.9795998	177.2006879	120.3206905
ENSMUSG00000038463	8.489422215	7.651789682	6.35535943	5.638203705	3.580972932
ENSMUSG00000038473	7.074518513	5.56493795	9.179963621	5.638203705	3.580972932

ENSMUSG00000038485	48.81417774	47.99758982	47.3121202	71.68573282	65.17370736
ENSMUSG00000038486	12.02668147	15.30357936	10.59226572	15.30369577	12.17530797
ENSMUSG00000038489	69.33028142	109.2119073	88.97503202	146.5932963	126.7664418
ENSMUSG00000038497	29.71297775	33.3896277	33.89525029	37.85651059	35.09353473
ENSMUSG00000038507	8.489422215	2.782468975	8.473812573	6.443661377	10.7429188
ENSMUSG00000038508	10.61177777	8.347406925	10.59226572	6.443661377	9.310529622
ENSMUSG00000038522	7.074518513	8.347406925	3.530755239	3.221830688	5.729556691
ENSMUSG00000038527	12.02668147	6.260555194	6.35535943	4.02728836	5.013362104
ENSMUSG00000038537	9.196874066	9.738641413	3.530755239	4.832746033	10.7429188
ENSMUSG00000038541	7.781970364	7.651789682	9.179963621	4.02728836	5.729556691
ENSMUSG00000038546	99.04325918	141.9059177	110.1595635	183.6443492	138.9417498
ENSMUSG00000038555	4.244711108	21.56413456	24.00913562	12.88732275	9.310529622
ENSMUSG00000038560	10.61177777	10.43425866	2.118453143	8.860034393	5.013362104
ENSMUSG00000038567	4.952162959	2.782468975	7.767661525	1.610915344	5.729556691
ENSMUSG00000038572	5.65961481	2.086851731	9.886114669	7.249119049	10.02672421
ENSMUSG00000038587	73.57499253	66.7792554	56.49208382	33.02376456	26.49919969
ENSMUSG00000038591	8.489422215	6.260555194	9.179963621	5.638203705	0.716194586
ENSMUSG00000038594	14.85648888	26.43345526	24.00913562	23.35827249	33.66114556
ENSMUSG00000038598	1.414903703	2.782468975	6.35535943	4.02728836	4.297167518
ENSMUSG00000038602	7.781970364	9.043024169	9.179963621	5.638203705	8.594335036
ENSMUSG00000038604	29.0055259	45.91073809	39.54445867	18.52552646	24.35061594
ENSMUSG00000038622	53.7663407	100.8645003	88.26888097	53.96566403	57.29556691
ENSMUSG00000038623	21.22355554	34.08524495	24.00913562	18.52552646	19.33725383
ENSMUSG00000038628	22.63845924	34.78086219	36.71985448	43.49471429	44.40406435
ENSMUSG00000038630	12.73413332	17.39043109	13.41686991	6.443661377	10.7429188
ENSMUSG00000038633	38.20239997	63.30116918	56.49208382	95.04400531	82.36237743
ENSMUSG00000038648	9.904325918	18.08604834	16.2414741	21.74735715	23.63442135
ENSMUSG00000038656	16.27139258	9.738641413	9.886114669	8.054576721	9.310529622
ENSMUSG00000038663	10.61177777	6.956172438	6.35535943	8.054576721	8.594335036
ENSMUSG00000038676	2.122355554	3.478086219	2.824604191	4.02728836	2.148583759
ENSMUSG00000038691	7.781970364	4.173703463	6.35535943	1.610915344	5.729556691
ENSMUSG00000038692	3.537259256	5.56493795	5.649208382	5.638203705	3.580972932
ENSMUSG00000038700	7.074518513	6.260555194	3.530755239	7.249119049	2.864778345
ENSMUSG00000038702	12.73413332	7.651789682	4.236906287	4.832746033	7.161945863
ENSMUSG00000038717	126.6338814	155.8182626	150.4101732	213.4462831	173.3190899
ENSMUSG00000038721	4.952162959	9.043024169	7.061510478	6.443661377	5.013362104
ENSMUSG00000038736	33.25023701	74.43104508	52.96132858	120.0131931	115.3073284
ENSMUSG00000038740	4.244711108	6.956172438	5.649208382	2.416373016	10.7429188
ENSMUSG00000038742	9.196874066	9.738641413	9.179963621	6.443661377	10.02672421
ENSMUSG00000038751	12.02668147	10.43425866	8.473812573	4.832746033	9.310529622
ENSMUSG00000038754	7.074518513	6.956172438	5.649208382	8.860034393	10.7429188
ENSMUSG00000038768	7.781970364	2.782468975	9.179963621	7.249119049	10.02672421
ENSMUSG00000038774	33.25023701	75.82227957	50.84287544	74.10210583	69.47087488



ENSMUSG00000038781	10.61177777	12.52111039	13.41686991	8.054576721	12.89150255
ENSMUSG00000038782	12.02668147	5.56493795	5.649208382	4.02728836	7.161945863
ENSMUSG00000038793	7.781970364	10.43425866	9.886114669	6.443661377	8.594335036
ENSMUSG00000038801	3.537259256	1.391234488	5.649208382	4.832746033	6.445751277
ENSMUSG00000038803	38.90985182	52.86691053	57.90438592	112.7640741	85.94335036
ENSMUSG00000038806	100.4581629	138.4278315	124.2825844	164.3133651	129.6312201
ENSMUSG00000038840	7.781970364	5.56493795	6.35535943	4.02728836	2.864778345
ENSMUSG00000038844	16.97884443	32.69401046	25.42143772	20.1364418	19.33725383
ENSMUSG00000038859	8.489422215	9.043024169	10.59226572	4.832746033	6.445751277
ENSMUSG00000038871	17.68629628	37.56333116	23.30298458	12.08186508	17.18867007
ENSMUSG00000038879	7.781970364	5.56493795	8.473812573	1.610915344	7.87814045
ENSMUSG00000038883	13.44158517	3.478086219	9.179963621	4.832746033	5.729556691
ENSMUSG00000038888	31.12788146	44.5195036	35.30755239	28.9964762	27.93158887
ENSMUSG00000038891	8.489422215	8.347406925	7.767661525	4.02728836	4.297167518
ENSMUSG00000038894	31.83533331	47.99758982	52.25517753	34.6346799	35.09353473
ENSMUSG00000038910	108.9475851	123.8198694	134.8748501	111.9586164	113.1587446
ENSMUSG00000038916	12.02668147	8.347406925	6.35535943	3.221830688	6.445751277
ENSMUSG00000038949	89.84638511	113.3856107	105.9226572	113.5695318	109.5777717
ENSMUSG00000038968	12.73413332	6.956172438	9.886114669	4.832746033	4.297167518
ENSMUSG00000038970	65.08557032	115.4724625	86.85657888	71.68573282	92.38910164
ENSMUSG00000038973	6.367066661	2.782468975	6.35535943	6.443661377	4.297167518
ENSMUSG00000038980	6.367066661	9.043024169	7.767661525	8.054576721	5.729556691
ENSMUSG00000038984	7.074518513	6.956172438	8.473812573	4.02728836	8.594335036
ENSMUSG00000038987	12.73413332	4.173703463	7.061510478	11.27640741	7.87814045
ENSMUSG00000038994	6.367066661	4.869320706	10.59226572	12.88732275	7.161945863
ENSMUSG00000038997	15.56394073	6.956172438	3.530755239	7.249119049	8.594335036
ENSMUSG00000039000	43.15456293	69.56172438	57.90438592	87.79488626	80.21379367
ENSMUSG00000039004	10.61177777	6.260555194	4.943057334	7.249119049	4.297167518
ENSMUSG00000039007	9.196874066	5.56493795	7.767661525	8.860034393	5.013362104
ENSMUSG00000039016	89.13893326	144.6883867	119.3395271	214.2517408	186.926787
ENSMUSG00000039032	5.65961481	4.869320706	8.473812573	4.832746033	9.310529622
ENSMUSG00000039037	9.904325918	4.173703463	4.943057334	6.443661377	8.594335036
ENSMUSG00000039043	12.02668147	2.086851731	5.649208382	1.610915344	5.013362104
ENSMUSG00000039050	29.0055259	44.5195036	43.07521391	37.05105292	40.82309142
ENSMUSG00000039055	38.90985182	50.7800588	48.7244223	81.35122488	76.63282074
ENSMUSG00000039063	7.074518513	8.347406925	9.179963621	9.665492065	6.445751277
ENSMUSG00000039067	53.7663407	77.21351406	72.02740687	227.9445212	147.5360848
ENSMUSG00000039070	11.31922962	6.956172438	8.473812573	6.443661377	6.445751277
ENSMUSG00000039079	9.196874066	10.43425866	7.767661525	7.249119049	8.594335036
ENSMUSG00000039084	11.31922962	11.82549314	14.829172	6.443661377	9.310529622
ENSMUSG00000039086	72.16008883	105.7338211	92.50578726	208.6135371	159.7113928
ENSMUSG00000039092	8.489422215	9.043024169	8.473812573	7.249119049	8.594335036
ENSMUSG00000039095	7.074518513	4.173703463	7.767661525	4.832746033	6.445751277

ENSMUSG00000039097	9.196874066	4.173703463	5.649208382	7.249119049	5.729556691
ENSMUSG00000039098	8.489422215	11.82549314	8.473812573	4.02728836	6.445751277
ENSMUSG00000039099	4.952162959	8.347406925	7.767661525	8.054576721	8.594335036
ENSMUSG00000039100	76.40479994	100.8645003	89.68118307	124.0404815	105.2806042
ENSMUSG00000039105	32.54278516	51.47567604	50.84287544	86.18397091	81.64618284
ENSMUSG00000039106	7.781970364	6.260555194	4.943057334	7.249119049	7.161945863
ENSMUSG00000039116	5.65961481	5.56493795	8.473812573	3.221830688	4.297167518
ENSMUSG00000039148	94.79854807	108.51629	117.2210739	202.1698757	169.738117
ENSMUSG00000039154	3.537259256	4.869320706	9.886114669	10.47094974	7.87814045
ENSMUSG00000039164	78.52715549	107.1250555	121.4579802	142.566008	103.1320204
ENSMUSG00000039178	5.65961481	12.52111039	9.179963621	9.665492065	10.02672421
ENSMUSG00000039182	14.14903703	33.3896277	28.24604191	43.49471429	37.24211849
ENSMUSG00000039183	80.64951104	98.08203137	96.0365425	120.8186508	101.6996313
ENSMUSG00000039193	38.90985182	74.43104508	67.79050059	33.82922223	43.68786977
ENSMUSG00000039195	12.73413332	20.86851731	15.53532305	6.443661377	18.62105924
ENSMUSG00000039196	10.61177777	4.869320706	8.473812573	6.443661377	5.729556691
ENSMUSG00000039198	8.489422215	2.086851731	9.886114669	8.860034393	8.594335036
ENSMUSG00000039199	9.196874066	2.782468975	3.530755239	12.88732275	11.45911338
ENSMUSG00000039201	9.196874066	13.91234488	11.29841676	19.33098413	16.47247549
ENSMUSG00000039215	5.65961481	4.173703463	7.767661525	6.443661377	8.594335036
ENSMUSG00000039224	4.244711108	6.260555194	12.71071886	3.221830688	7.161945863
ENSMUSG00000039238	14.85648888	18.08604834	15.53532305	17.72006879	27.93158887
ENSMUSG00000039246	8.489422215	1.391234488	9.179963621	6.443661377	3.580972932
ENSMUSG00000039253	9.904325918	15.99919661	18.35992724	10.47094974	15.04008631
ENSMUSG00000039269	11.31922962	6.260555194	12.00456781	3.221830688	7.87814045
ENSMUSG00000039270	10.61177777	16.69481385	16.94762515	12.08186508	9.310529622
ENSMUSG00000039275	82.06441475	109.2119073	112.2780166	259.3573704	198.3859004
ENSMUSG00000039308	33.25023701	26.43345526	40.95676077	13.69278043	20.769643
ENSMUSG00000039321	12.73413332	7.651789682	8.473812573	8.054576721	7.161945863
ENSMUSG00000039329	6.367066661	6.260555194	4.236906287	7.249119049	3.580972932
ENSMUSG00000039337	9.196874066	5.56493795	8.473812573	6.443661377	5.729556691
ENSMUSG00000039339	8.489422215	8.347406925	11.29841676	6.443661377	9.310529622
ENSMUSG00000039342	7.781970364	8.347406925	4.236906287	3.221830688	6.445751277
ENSMUSG00000039347	3.537259256	6.956172438	8.473812573	4.02728836	6.445751277
ENSMUSG00000039349	8.489422215	1.391234488	2.824604191	6.443661377	8.594335036
ENSMUSG00000039357	31.83533331	46.60635533	40.95676077	66.85298678	63.0251236
ENSMUSG00000039358	14.14903703	9.043024169	6.35535943	4.02728836	5.013362104
ENSMUSG00000039372	10.61177777	4.173703463	4.236906287	8.860034393	4.297167518
ENSMUSG00000039377	16.97884443	21.56413456	18.35992724	32.21830688	22.20203218
ENSMUSG00000039384	79.23460734	84.1696865	85.44427678	190.8934683	147.5360848
ENSMUSG00000039385	10.61177777	6.260555194	5.649208382	4.832746033	3.580972932
ENSMUSG00000039395	11.31922962	22.2597518	19.77222934	45.91108731	45.83645353
ENSMUSG00000039405	9.904325918	7.651789682	9.886114669	5.638203705	7.161945863

ENSMUSG00000039414	29.71297775	59.12746572	41.66291182	40.2728836	53.71459398
ENSMUSG00000039438	9.904325918	9.043024169	7.061510478	8.860034393	10.7429188
ENSMUSG00000039452	7.781970364	5.56493795	8.473812573	7.249119049	8.594335036
ENSMUSG00000039456	96.92090362	110.6031418	109.4534124	162.7024498	118.1721067
ENSMUSG00000039457	7.074518513	9.043024169	6.35535943	6.443661377	7.161945863
ENSMUSG00000039462	10.61177777	10.43425866	14.829172	10.47094974	12.17530797
ENSMUSG00000039473	77.81970364	109.2119073	108.0411103	204.5862487	181.9134249
ENSMUSG00000039481	5.65961481	9.738641413	4.236906287	5.638203705	7.161945863
ENSMUSG00000039485	14.85648888	29.91154148	23.30298458	8.054576721	19.33725383
ENSMUSG00000039492	6.367066661	4.869320706	1.412302096	3.221830688	1.432389173
ENSMUSG00000039496	53.7663407	82.08283477	71.32125582	101.4876667	95.97007457
ENSMUSG00000039497	9.196874066	11.82549314	10.59226572	9.665492065	8.594335036
ENSMUSG00000039508	9.196874066	6.260555194	4.943057334	4.02728836	3.580972932
ENSMUSG00000039509	23.34591109	31.30277597	33.89525029	83.7675979	75.20043157
ENSMUSG00000039518	11.31922962	6.956172438	5.649208382	8.054576721	6.445751277
ENSMUSG00000039519	12.73413332	11.82549314	6.35535943	4.832746033	5.729556691
ENSMUSG00000039529	4.244711108	4.869320706	6.35535943	4.02728836	9.310529622
ENSMUSG00000039531	63.67066661	89.73462445	97.44884459	156.2587884	125.3340526
ENSMUSG00000039533	9.904325918	5.56493795	5.649208382	4.832746033	5.013362104
ENSMUSG00000039540	9.196874066	6.260555194	4.943057334	4.832746033	7.161945863
ENSMUSG00000039546	7.781970364	2.086851731	9.886114669	3.221830688	4.297167518
ENSMUSG00000039568	89.13893326	106.4294383	96.0365425	115.9859048	100.2672421
ENSMUSG00000039608	8.489422215	6.260555194	10.59226572	4.02728836	7.87814045
ENSMUSG00000039611	7.781970364	9.738641413	7.767661525	3.221830688	8.594335036
ENSMUSG00000039615	16.27139258	25.73783802	22.59683353	19.33098413	25.78300511
ENSMUSG00000039616	5.65961481	5.56493795	9.179963621	4.02728836	7.161945863
ENSMUSG00000039628	5.65961481	10.43425866	7.767661525	8.054576721	10.7429188
ENSMUSG00000039633	12.02668147	10.43425866	7.061510478	19.33098413	19.33725383
ENSMUSG00000039639	9.904325918	4.173703463	7.767661525	6.443661377	7.87814045
ENSMUSG00000039640	48.81417774	66.08363816	72.73355792	193.3098413	161.1437819
ENSMUSG00000039646	24.76081479	35.47647943	31.77679715	18.52552646	25.06681052
ENSMUSG00000039653	9.196874066	9.043024169	6.35535943	5.638203705	8.594335036
ENSMUSG00000039670	54.47379255	70.25734162	61.43514116	112.7640741	96.68626916
ENSMUSG00000039676	8.489422215	7.651789682	5.649208382	5.638203705	7.161945863
ENSMUSG00000039680	0	0	0	0	0
ENSMUSG00000039704	26.88317035	43.82388636	48.7244223	56.38203705	50.13362104
ENSMUSG00000039714	8.489422215	8.347406925	11.29841676	5.638203705	10.7429188
ENSMUSG00000039715	6.367066661	12.52111039	9.886114669	16.10915344	17.90486466
ENSMUSG00000039720	8.489422215	8.347406925	5.649208382	3.221830688	5.729556691
ENSMUSG00000039725	31.12788146	47.99758982	43.07521391	64.43661377	63.74131818
ENSMUSG00000039740	64.37811846	97.38641413	83.32582364	154.647873	127.4826364
ENSMUSG00000039745	9.904325918	18.78166558	22.59683353	16.91461111	15.7562809
ENSMUSG00000039760	8.489422215	6.956172438	7.767661525	10.47094974	6.445751277

ENSMUSG00000039763	8.489422215	30.60715873	15.53532305	8.054576721	8.594335036
ENSMUSG00000039770	47.39927403	68.17048989	62.1412922	26.58010318	35.80972932
ENSMUSG00000039775	9.904325918	6.260555194	7.061510478	4.832746033	8.594335036
ENSMUSG00000039785	12.02668147	6.956172438	12.00456781	8.860034393	7.161945863
ENSMUSG00000039789	41.73965922	62.60555194	69.20280268	50.74383334	42.25548059
ENSMUSG00000039801	12.73413332	16.69481385	20.47838039	12.88732275	23.63442135
ENSMUSG00000039824	23.34591109	37.56333116	24.00913562	20.1364418	20.05344842
ENSMUSG00000039828	40.32475552	61.21431745	57.19823487	71.68573282	80.92998826
ENSMUSG00000039830	5.65961481	2.782468975	2.118453143	5.638203705	5.729556691
ENSMUSG00000039840	67.20792587	93.90832791	89.68118307	70.07481747	58.72795608
ENSMUSG00000039849	82.06441475	105.7338211	90.38733411	144.982381	121.0368851
ENSMUSG00000039865	6.367066661	6.260555194	7.767661525	7.249119049	2.864778345
ENSMUSG00000039873	29.0055259	41.04141738	46.60596915	39.46742593	48.70123187
ENSMUSG00000039879	41.03220737	51.47567604	48.7244223	66.04752911	65.88990194
ENSMUSG00000039883	6.367066661	6.260555194	10.59226572	12.08186508	7.161945863
ENSMUSG00000039886	12.73413332	18.08604834	20.47838039	12.08186508	7.161945863
ENSMUSG00000039891	9.904325918	6.956172438	5.649208382	4.02728836	6.445751277
ENSMUSG00000039899	10.61177777	10.43425866	6.35535943	69.2693598	47.2688427
ENSMUSG00000039901	17.68629628	40.34580014	37.42600553	32.21830688	40.10689684
ENSMUSG00000039904	7.781970364	7.651789682	13.41686991	4.832746033	7.161945863
ENSMUSG00000039914	9.196874066	12.52111039	10.59226572	9.665492065	12.89150255
ENSMUSG00000039954	7.074518513	4.173703463	4.236906287	4.02728836	7.161945863
ENSMUSG00000039956	7.074518513	2.782468975	6.35535943	6.443661377	5.013362104
ENSMUSG00000039960	9.904325918	6.956172438	3.530755239	6.443661377	6.445751277
ENSMUSG00000039968	183.2300295	230.2493077	218.2006738	278.6883545	216.2907651
ENSMUSG00000039976	2.829807405	2.782468975	3.530755239	8.860034393	9.310529622
ENSMUSG00000039981	44.56946663	58.43184848	71.32125582	47.52200265	53.71459398
ENSMUSG00000039982	9.196874066	7.651789682	9.886114669	7.249119049	15.7562809
ENSMUSG00000039989	35.37259256	50.08444155	50.84287544	143.3714656	105.2806042
ENSMUSG00000040007	50.93653329	64.69240367	64.25974535	70.07481747	54.43078856
ENSMUSG00000040009	4.244711108	6.260555194	10.59226572	8.054576721	4.297167518
ENSMUSG00000040017	8.489422215	9.043024169	8.473812573	3.221830688	6.445751277
ENSMUSG00000040018	18.39374813	20.86851731	29.65834401	44.30017197	40.10689684
ENSMUSG00000040026	8.489422215	8.347406925	5.649208382	1.610915344	4.297167518
ENSMUSG00000040055	14.14903703	4.869320706	8.473812573	2.416373016	5.013362104
ENSMUSG00000040065	7.781970364	4.869320706	9.179963621	7.249119049	7.161945863
ENSMUSG00000040084	41.03220737	35.47647943	33.89525029	104.7094974	65.88990194
ENSMUSG00000040105	14.14903703	13.91234488	9.886114669	27.38556085	22.91822676
ENSMUSG00000040112	31.83533331	68.86610713	68.49665163	58.79841006	70.90326405
ENSMUSG00000040121	9.196874066	11.1298759	9.886114669	4.832746033	5.013362104
ENSMUSG00000040124	60.84085921	114.081228	85.44427678	78.12939419	83.7947666
ENSMUSG00000040125	5.65961481	4.869320706	5.649208382	9.665492065	7.87814045
ENSMUSG00000040128	59.42595551	79.99598303	69.20280268	74.10210583	55.86317773

ENSMUSG00000040132	4.244711108	9.043024169	6.35535943	11.27640741	5.013362104
ENSMUSG00000040133	4.244711108	8.347406925	5.649208382	4.02728836	8.594335036
ENSMUSG00000040134	10.61177777	7.651789682	4.943057334	8.054576721	7.87814045
ENSMUSG00000040138	3.537259256	3.478086219	2.118453143	2.416373016	5.013362104
ENSMUSG00000040146	7.781970364	4.869320706	12.00456781	4.02728836	4.297167518
ENSMUSG00000040148	3.537259256	6.956172438	7.061510478	4.02728836	4.297167518
ENSMUSG00000040151	52.35143699	70.95295887	63.5535943	97.46037832	107.429188
ENSMUSG00000040152	8.489422215	5.56493795	11.29841676	2.416373016	8.594335036
ENSMUSG00000040164	8.489422215	8.347406925	12.00456781	3.221830688	9.310529622
ENSMUSG00000040197	7.781970364	9.738641413	6.35535943	3.221830688	8.594335036
ENSMUSG00000040204	44.56946663	54.25814501	48.01827125	148.2042117	116.023523
ENSMUSG00000040205	7.781970364	3.478086219	7.767661525	5.638203705	5.013362104
ENSMUSG00000040219	7.074518513	10.43425866	8.473812573	7.249119049	7.161945863
ENSMUSG00000040236	67.20792587	86.25653823	90.38733411	195.7262143	109.5777717
ENSMUSG00000040247	239.1187257	252.5090595	249.9774709	318.9612381	244.9385485
ENSMUSG00000040258	8.489422215	6.956172438	4.236906287	4.02728836	3.580972932
ENSMUSG00000040260	7.074518513	10.43425866	7.767661525	9.665492065	5.013362104
ENSMUSG00000040264	50.22908144	78.60474855	65.67204744	104.7094974	78.06520991
ENSMUSG00000040269	26.1757185	51.47567604	39.54445867	56.38203705	59.44415067
ENSMUSG00000040284	12.73413332	8.347406925	1.412302096	7.249119049	9.310529622
ENSMUSG00000040287	6.367066661	2.086851731	7.767661525	5.638203705	4.297167518
ENSMUSG00000040289	9.904325918	7.651789682	4.236906287	4.02728836	5.013362104
ENSMUSG00000040298	8.489422215	4.173703463	3.530755239	4.832746033	5.729556691
ENSMUSG00000040314	13.44158517	5.56493795	3.530755239	10.47094974	7.87814045
ENSMUSG00000040321	34.66514071	77.21351406	41.66291182	77.32393652	75.91662615
ENSMUSG00000040364	6.367066661	7.651789682	3.530755239	5.638203705	6.445751277
ENSMUSG00000040367	6.367066661	6.260555194	7.061510478	8.054576721	10.02672421
ENSMUSG00000040372	11.31922962	9.043024169	6.35535943	5.638203705	7.161945863
ENSMUSG00000040385	200.9163258	215.6413456	228.0867884	314.9339498	235.6280189
ENSMUSG00000040414	86.30912585	113.3856107	115.1026208	109.5422434	118.1721067
ENSMUSG00000040429	8.489422215	12.52111039	20.47838039	34.6346799	26.49919969
ENSMUSG00000040432	5.65961481	5.56493795	4.943057334	3.221830688	5.729556691
ENSMUSG00000040446	52.35143699	70.95295887	59.31668801	86.98942859	83.07857202
ENSMUSG00000040452	7.074518513	7.651789682	7.061510478	6.443661377	6.445751277
ENSMUSG00000040456	3.537259256	2.782468975	2.824604191	0	2.864778345
ENSMUSG00000040485	7.781970364	6.260555194	8.473812573	8.054576721	3.580972932
ENSMUSG00000040489	7.781970364	4.173703463	7.061510478	6.443661377	5.729556691
ENSMUSG00000040490	11.31922962	5.56493795	6.35535943	0.805457672	7.87814045
ENSMUSG00000040498	12.73413332	11.82549314	7.767661525	5.638203705	7.161945863
ENSMUSG00000040502	12.73413332	12.52111039	11.29841676	8.054576721	7.87814045
ENSMUSG00000040514	4.952162959	5.56493795	8.473812573	4.02728836	15.04008631
ENSMUSG00000040520	33.95768886	58.43184848	48.01827125	78.93485187	85.22715578
ENSMUSG00000040522	2.122355554	2.782468975	6.35535943	3.221830688	3.580972932

ENSMUSG00000040524	19.80865184	27.82468975	24.00913562	33.02376456	32.94495097
ENSMUSG00000040533	14.14903703	13.21672763	11.29841676	15.30369577	10.02672421
ENSMUSG00000040541	12.02668147	6.260555194	6.35535943	5.638203705	4.297167518
ENSMUSG00000040552	9.904325918	7.651789682	9.886114669	5.638203705	9.310529622
ENSMUSG00000040560	21.93100739	43.12826911	47.3121202	37.05105292	29.36397804
ENSMUSG00000040565	128.0487851	211.4676421	116.5149229	234.3881826	243.5061594
ENSMUSG00000040576	9.904325918	6.260555194	4.943057334	5.638203705	6.445751277
ENSMUSG00000040583	9.904325918	9.043024169	9.179963621	4.832746033	5.013362104
ENSMUSG00000040584	8.489422215	8.347406925	6.35535943	7.249119049	7.161945863
ENSMUSG00000040586	26.88317035	58.43184848	57.90438592	32.21830688	37.24211849
ENSMUSG00000040600	7.074518513	5.56493795	4.943057334	4.02728836	10.7429188
ENSMUSG00000040605	8.489422215	6.260555194	5.649208382	6.443661377	5.729556691
ENSMUSG00000040610	6.367066661	6.956172438	3.530755239	5.638203705	3.580972932
ENSMUSG00000040616	6.367066661	6.260555194	9.886114669	8.860034393	7.161945863
ENSMUSG00000040618	12.02668147	20.86851731	23.30298458	54.7711217	37.95831308
ENSMUSG00000040629	9.196874066	8.347406925	4.236906287	3.221830688	2.864778345
ENSMUSG00000040631	7.074518513	9.738641413	9.179963621	4.02728836	10.02672421
ENSMUSG00000040650	9.196874066	9.043024169	7.767661525	4.02728836	9.310529622
ENSMUSG00000040651	54.47379255	78.60474855	81.20737049	63.6311561	63.74131818
ENSMUSG00000040653	10.61177777	5.56493795	2.824604191	4.832746033	3.580972932
ENSMUSG00000040658	4.244711108	7.651789682	8.473812573	9.665492065	5.013362104
ENSMUSG00000040659	31.12788146	50.7800588	55.07978173	122.4295662	89.52432329
ENSMUSG00000040660	9.196874066	6.260555194	9.179963621	7.249119049	8.594335036
ENSMUSG00000040661	36.08004441	61.9099347	55.07978173	82.96214023	61.59273443
ENSMUSG00000040663	59.42595551	82.08283477	78.3827663	119.2077355	111.0101609
ENSMUSG00000040680	7.074518513	6.956172438	8.473812573	4.832746033	9.310529622
ENSMUSG00000040693	7.074518513	4.173703463	4.236906287	2.416373016	6.445751277
ENSMUSG00000040694	6.367066661	7.651789682	13.41686991	4.832746033	8.594335036
ENSMUSG00000040706	12.02668147	6.260555194	7.767661525	8.860034393	4.297167518
ENSMUSG00000040711	4.244711108	6.260555194	8.473812573	2.416373016	6.445751277
ENSMUSG00000040717	3.537259256	9.043024169	9.179963621	4.02728836	7.161945863
ENSMUSG00000040721	21.22355554	37.56333116	35.30755239	21.74735715	30.79636721
ENSMUSG00000040722	9.196874066	7.651789682	4.943057334	8.054576721	7.87814045
ENSMUSG00000040724	6.367066661	9.043024169	3.530755239	4.02728836	9.310529622
ENSMUSG00000040729	13.44158517	6.956172438	5.649208382	5.638203705	9.310529622
ENSMUSG00000040740	7.074518513	6.260555194	4.943057334	4.832746033	5.729556691
ENSMUSG00000040747	103.2879703	137.036597	110.1595635	136.9278043	121.7530797
ENSMUSG00000040759	4.952162959	6.260555194	4.236906287	5.638203705	8.594335036
ENSMUSG00000040770	7.781970364	4.869320706	9.179963621	5.638203705	6.445751277
ENSMUSG00000040794	7.781970364	13.21672763	13.41686991	6.443661377	7.161945863
ENSMUSG00000040808	15.56394073	23.65098629	19.06607829	8.054576721	22.20203218
ENSMUSG00000040822	186.7672887	233.7273939	216.7883717	244.0536746	222.0203218
ENSMUSG00000040824	24.05336294	42.43265187	40.95676077	93.43308996	63.0251236

ENSMUSG00000040828	18.39374813	28.52030699	24.71528667	41.88379895	35.09353473
ENSMUSG00000040841	4.952162959	6.260555194	6.35535943	2.416373016	12.17530797
ENSMUSG00000040852	7.781970364	9.738641413	3.530755239	5.638203705	2.864778345
ENSMUSG00000040888	5.65961481	8.347406925	4.943057334	27.38556085	28.64778345
ENSMUSG00000040891	41.73965922	63.30116918	52.25517753	75.71302118	40.10689684
ENSMUSG00000040901	5.65961481	7.651789682	9.179963621	6.443661377	10.7429188
ENSMUSG00000040966	12.73413332	9.043024169	5.649208382	4.832746033	7.87814045
ENSMUSG00000040972	8.489422215	4.173703463	4.943057334	4.832746033	5.013362104
ENSMUSG00000040978	9.904325918	4.173703463	4.943057334	4.832746033	8.594335036
ENSMUSG00000041000	4.952162959	11.1298759	4.943057334	9.665492065	7.161945863
ENSMUSG00000041009	10.61177777	6.260555194	7.061510478	5.638203705	6.445751277
ENSMUSG00000041012	7.074518513	4.173703463	7.061510478	10.47094974	8.594335036
ENSMUSG00000041035	15.56394073	31.30277597	21.18453143	30.60739154	27.21539428
ENSMUSG00000041037	29.0055259	60.51870021	38.13215658	32.21830688	31.5125618
ENSMUSG00000041044	12.73413332	6.260555194	12.71071886	7.249119049	5.013362104
ENSMUSG00000041046	7.074518513	3.478086219	7.061510478	4.02728836	9.310529622
ENSMUSG00000041052	3.537259256	5.56493795	8.473812573	4.02728836	6.445751277
ENSMUSG00000041057	149.9797925	167.6437558	161.0024389	305.2684577	254.2490782
ENSMUSG00000041062	9.904325918	4.869320706	2.824604191	8.054576721	5.729556691
ENSMUSG00000041068	8.489422215	6.956172438	9.886114669	5.638203705	3.580972932
ENSMUSG00000041075	9.904325918	7.651789682	3.530755239	4.02728836	7.87814045
ENSMUSG00000041078	4.244711108	4.173703463	7.061510478	4.02728836	9.310529622
ENSMUSG00000041084	66.50047402	118.2549314	99.56729774	122.4295662	105.9967988
ENSMUSG00000041117	4.244711108	5.56493795	9.179963621	6.443661377	4.297167518
ENSMUSG00000041120	8.489422215	6.956172438	9.886114669	11.27640741	8.594335036
ENSMUSG00000041130	63.67066661	86.95215547	82.61967259	99.87675134	93.10529622
ENSMUSG00000041141	7.781970364	8.347406925	6.35535943	6.443661377	10.02672421
ENSMUSG00000041153	1.414903703	6.956172438	5.649208382	7.249119049	3.580972932
ENSMUSG00000041161	16.97884443	26.43345526	27.53989086	18.52552646	21.48583759
ENSMUSG00000041165	7.781970364	2.782468975	7.061510478	5.638203705	5.729556691
ENSMUSG00000041168	45.27691848	62.60555194	40.25060972	126.4568545	98.11865833
ENSMUSG00000041189	7.781970364	9.043024169	9.179963621	5.638203705	8.594335036
ENSMUSG00000041199	14.85648888	15.99919661	18.35992724	33.82922223	31.5125618
ENSMUSG00000041203	117.4370073	169.7306075	147.585569	295.6029657	209.8450138
ENSMUSG00000041205	5.65961481	6.260555194	5.649208382	6.443661377	5.013362104
ENSMUSG00000041236	37.49494812	68.17048989	76.97046421	43.49471429	38.67450766
ENSMUSG00000041247	6.367066661	8.347406925	9.179963621	8.860034393	5.729556691
ENSMUSG00000041248	12.02668147	9.738641413	8.473812573	11.27640741	8.594335036
ENSMUSG00000041255	4.952162959	4.173703463	3.530755239	3.221830688	7.161945863
ENSMUSG00000041261	12.73413332	6.260555194	5.649208382	4.02728836	2.148583759
ENSMUSG00000041287	10.61177777	27.12907251	17.65377619	13.69278043	17.18867007
ENSMUSG00000041293	7.074518513	4.173703463	6.35535943	7.249119049	5.013362104
ENSMUSG00000041297	50.22908144	77.9091313	88.97503202	203.780791	161.1437819

ENSMUSG00000041303	22.63845924	42.43265187	30.36449505	45.91108731	32.94495097
ENSMUSG00000041308	9.904325918	15.99919661	23.30298458	11.27640741	11.45911338
ENSMUSG00000041323	10.61177777	8.347406925	6.35535943	8.054576721	6.445751277
ENSMUSG00000041333	12.73413332	11.82549314	6.35535943	8.054576721	8.594335036
ENSMUSG00000041347	7.781970364	5.56493795	7.767661525	9.665492065	8.594335036
ENSMUSG00000041358	8.489422215	18.08604834	10.59226572	7.249119049	9.310529622
ENSMUSG00000041360	50.93653329	105.7338211	78.3827663	171.5624842	125.3340526
ENSMUSG00000041378	9.196874066	6.956172438	6.35535943	4.832746033	7.87814045
ENSMUSG00000041399	9.904325918	6.956172438	3.530755239	8.054576721	2.864778345
ENSMUSG00000041429	12.73413332	17.39043109	18.35992724	16.91461111	17.18867007
ENSMUSG00000041438	135.1233036	150.2533247	130.6379438	297.213881	237.7766027
ENSMUSG00000041445	4.244711108	3.478086219	5.649208382	4.832746033	7.161945863
ENSMUSG00000041468	9.904325918	17.39043109	13.41686991	9.665492065	10.7429188
ENSMUSG00000041471	40.32475552	64.69240367	63.5535943	93.43308996	76.63282074
ENSMUSG00000041491	14.85648888	23.65098629	23.30298458	20.1364418	33.66114556
ENSMUSG00000041515	248.3155998	207.2939386	213.2576164	426.8925662	285.76164
ENSMUSG00000041523	7.074518513	5.56493795	5.649208382	4.02728836	7.87814045
ENSMUSG00000041534	12.73413332	6.260555194	11.29841676	6.443661377	12.17530797
ENSMUSG00000041548	10.61177777	9.043024169	6.35535943	3.221830688	4.297167518
ENSMUSG00000041550	12.02668147	8.347406925	5.649208382	6.443661377	6.445751277
ENSMUSG00000041552	1.414903703	5.56493795	5.649208382	2.416373016	2.864778345
ENSMUSG00000041556	6.367066661	6.956172438	5.649208382	8.054576721	5.013362104
ENSMUSG00000041559	5.65961481	9.043024169	8.473812573	5.638203705	5.729556691
ENSMUSG00000041566	12.73413332	12.52111039	9.179963621	8.860034393	8.594335036
ENSMUSG00000041567	11.31922962	5.56493795	8.473812573	4.02728836	6.445751277
ENSMUSG00000041571	55.1812444	79.30036579	75.55816211	274.6610662	193.3725383
ENSMUSG00000041577	9.196874066	7.651789682	7.061510478	3.221830688	9.310529622
ENSMUSG00000041583	11.31922962	6.956172438	7.061510478	6.443661377	5.729556691
ENSMUSG00000041598	11.31922962	12.52111039	22.59683353	12.08186508	7.161945863
ENSMUSG00000041608	10.61177777	4.869320706	9.179963621	3.221830688	7.161945863
ENSMUSG00000041616	7.074518513	8.347406925	6.35535943	7.249119049	8.594335036
ENSMUSG00000041620	7.781970364	3.478086219	4.236906287	2.416373016	7.161945863
ENSMUSG00000041629	125.9264295	177.3823972	135.5810012	248.080963	211.277403
ENSMUSG00000041632	58.0110518	111.298759	105.9226572	126.4568545	108.8615771
ENSMUSG00000041653	0	0.695617244	1.412302096	2.416373016	0
ENSMUSG00000041660	12.73413332	4.869320706	8.473812573	2.416373016	6.445751277
ENSMUSG00000041679	45.98437033	58.43184848	54.37363068	79.74030954	76.63282074
ENSMUSG00000041681	9.196874066	4.869320706	7.061510478	4.02728836	4.297167518
ENSMUSG00000041695	7.781970364	4.869320706	4.943057334	2.416373016	4.297167518
ENSMUSG00000041697	60.13340736	90.43024169	74.14586002	117.5968201	121.7530797
ENSMUSG00000041700	2.122355554	2.782468975	1.412302096	4.832746033	5.013362104
ENSMUSG00000041702	53.05888884	92.51709342	68.49665163	79.74030954	73.76804239
ENSMUSG00000041703	2.829807405	4.173703463	8.473812573	4.02728836	5.729556691



ENSMUSG00000041707	8.489422215	7.651789682	10.59226572	9.665492065	11.45911338
ENSMUSG00000041710	7.074518513	2.086851731	4.943057334	1.610915344	1.432389173
ENSMUSG00000041712	96.21345177	121.0374004	122.1641313	221.5008598	184.0620087
ENSMUSG00000041716	16.97884443	28.52030699	26.83373982	56.38203705	41.53928601
ENSMUSG00000041722	12.73413332	5.56493795	5.649208382	6.443661377	7.161945863
ENSMUSG00000041736	36.08004441	59.82308296	40.25060972	36.24559524	30.08017263
ENSMUSG00000041737	9.196874066	7.651789682	4.943057334	4.832746033	7.161945863
ENSMUSG00000041747	72.86754068	107.8206728	88.26888097	167.5351958	139.6579443
ENSMUSG00000041754	7.074518513	9.738641413	9.179963621	5.638203705	10.7429188
ENSMUSG00000041765	89.13893326	125.2111039	100.9795998	95.04400531	91.67290705
ENSMUSG00000041773	10.61177777	18.78166558	14.12302096	25.77464551	15.7562809
ENSMUSG00000041775	78.52715549	95.99517964	81.91352154	78.93485187	93.10529622
ENSMUSG00000041779	40.32475552	65.38802092	52.25517753	37.05105292	35.09353473
ENSMUSG00000041781	134.4158517	191.294742	192.073085	274.6610662	236.3442135
ENSMUSG00000041791	9.196874066	7.651789682	4.236906287	4.02728836	9.310529622
ENSMUSG00000041797	8.489422215	5.56493795	6.35535943	5.638203705	7.161945863
ENSMUSG00000041801	4.952162959	7.651789682	5.649208382	39.46742593	30.79636721
ENSMUSG00000041805	10.61177777	6.260555194	4.236906287	6.443661377	7.161945863
ENSMUSG00000041809	6.367066661	6.260555194	2.824604191	8.860034393	6.445751277
ENSMUSG00000041837	86.30912585	115.4724625	103.098053	124.8459392	118.8883013
ENSMUSG00000041840	14.85648888	27.82468975	19.77222934	24.96918783	25.06681052
ENSMUSG00000041841	10.61177777	26.43345526	20.47838039	20.1364418	32.22875639
ENSMUSG00000041849	135.1233036	172.5130765	151.1163242	91.82217462	85.94335036
ENSMUSG00000041872	11.31922962	3.478086219	8.473812573	6.443661377	4.297167518
ENSMUSG00000041889	9.904325918	4.173703463	6.35535943	8.054576721	5.729556691
ENSMUSG00000041907	7.074518513	4.173703463	7.061510478	4.832746033	7.87814045
ENSMUSG00000041911	4.244711108	6.956172438	5.649208382	4.02728836	5.013362104
ENSMUSG00000041915	32.54278516	37.56333116	46.60596915	57.99295239	48.70123187
ENSMUSG00000041930	21.93100739	26.43345526	21.18453143	16.10915344	20.769643
ENSMUSG00000041935	29.71297775	56.34499675	49.43057334	76.51847885	79.49759908
ENSMUSG00000041949	12.02668147	22.95536904	14.829172	19.33098413	21.48583759
ENSMUSG00000041974	12.02668147	18.08604834	19.06607829	18.52552646	17.18867007
ENSMUSG00000041984	10.61177777	3.478086219	5.649208382	6.443661377	10.02672421
ENSMUSG00000041992	9.196874066	6.956172438	10.59226572	7.249119049	8.594335036
ENSMUSG00000041995	21.22355554	41.04141738	37.42600553	74.10210583	46.55264811
ENSMUSG00000042029	37.49494812	36.17209668	44.48751601	101.4876667	68.0384857
ENSMUSG00000042031	9.904325918	7.651789682	9.179963621	2.416373016	5.013362104
ENSMUSG00000042041	9.904325918	10.43425866	8.473812573	7.249119049	7.87814045
ENSMUSG00000042043	49.52162959	80.69160028	60.72899011	79.74030954	61.59273443
ENSMUSG00000042045	9.196874066	2.782468975	8.473812573	3.221830688	7.87814045
ENSMUSG00000042050	9.196874066	13.21672763	10.59226572	12.88732275	8.594335036
ENSMUSG00000042082	10.61177777	15.30357936	20.47838039	9.665492065	9.310529622
ENSMUSG00000042092	9.196874066	9.738641413	8.473812573	7.249119049	5.013362104

ENSMUSG00000042102	4.952162959	6.956172438	7.061510478	5.638203705	5.013362104
ENSMUSG00000042106	11.31922962	15.30357936	15.53532305	61.21478308	45.12025894
ENSMUSG00000042109	13.44158517	16.69481385	18.35992724	18.52552646	12.17530797
ENSMUSG00000042111	41.73965922	55.6493795	58.61053696	159.4806191	126.7664418
ENSMUSG00000042115	11.31922962	9.043024169	5.649208382	4.832746033	7.161945863
ENSMUSG00000042116	10.61177777	6.956172438	13.41686991	11.27640741	7.161945863
ENSMUSG00000042118	7.074518513	10.43425866	4.943057334	8.054576721	7.161945863
ENSMUSG00000042124	12.02668147	6.956172438	4.943057334	5.638203705	5.729556691
ENSMUSG00000042129	38.20239997	36.17209668	37.42600553	20.94189947	22.91822676
ENSMUSG00000042138	34.66514071	67.47487265	55.78593277	49.93837567	52.2822048
ENSMUSG00000042148	49.52162959	63.99678643	51.54902649	79.74030954	63.0251236
ENSMUSG00000042155	9.904325918	5.56493795	3.530755239	2.416373016	8.594335036
ENSMUSG00000042157	14.85648888	7.651789682	7.767661525	4.02728836	8.594335036
ENSMUSG00000042167	103.9954221	131.4716591	104.5103551	207.0026217	154.6980307
ENSMUSG00000042178	8.489422215	22.2597518	19.77222934	33.02376456	31.5125618
ENSMUSG00000042179	12.02668147	8.347406925	5.649208382	4.832746033	7.161945863
ENSMUSG00000042189	7.781970364	5.56493795	9.179963621	8.054576721	7.161945863
ENSMUSG00000042195	8.489422215	11.82549314	13.41686991	20.94189947	16.47247549
ENSMUSG00000042200	9.904325918	8.347406925	5.649208382	6.443661377	3.580972932
ENSMUSG00000042203	0	0	0	0	0
ENSMUSG00000042211	145.0276295	205.9027042	168.0639494	205.3917064	161.1437819
ENSMUSG00000042212	10.61177777	8.347406925	4.236906287	8.860034393	7.87814045
ENSMUSG00000042215	7.074518513	12.52111039	6.35535943	12.88732275	8.594335036
ENSMUSG00000042225	27.5906222	47.99758982	38.83830763	48.32746033	42.25548059
ENSMUSG00000042229	61.54831106	102.2557348	100.2734488	89.4058016	84.51096119
ENSMUSG00000042244	12.73413332	6.956172438	12.00456781	4.02728836	7.161945863
ENSMUSG00000042246	4.244711108	8.347406925	5.649208382	2.416373016	7.161945863
ENSMUSG00000042248	9.904325918	6.260555194	6.35535943	4.832746033	7.161945863
ENSMUSG00000042256	9.196874066	4.173703463	3.530755239	4.02728836	11.45911338
ENSMUSG00000042262	7.781970364	4.173703463	7.061510478	7.249119049	9.310529622
ENSMUSG00000042275	23.34591109	29.21592424	31.0706461	57.18749472	42.97167518
ENSMUSG00000042282	4.244711108	3.478086219	1.412302096	3.221830688	2.148583759
ENSMUSG00000042293	43.86201478	82.08283477	55.07978173	144.982381	126.0502472
ENSMUSG00000042312	18.39374813	22.2597518	28.95219296	15.30369577	25.78300511
ENSMUSG00000042340	6.367066661	6.260555194	4.236906287	6.443661377	10.02672421
ENSMUSG00000042351	139.3680147	165.556904	170.1824025	73.29664816	78.7814045
ENSMUSG00000042354	53.7663407	77.21351406	51.54902649	216.6681138	160.4275873
ENSMUSG00000042357	6.367066661	6.260555194	4.943057334	8.054576721	6.445751277
ENSMUSG00000042369	38.90985182	59.82308296	56.49208382	98.265836	82.36237743
ENSMUSG00000042372	3.537259256	4.869320706	4.236906287	4.02728836	4.297167518
ENSMUSG00000042377	6.367066661	11.1298759	18.35992724	11.27640741	15.04008631
ENSMUSG00000042379	9.196874066	9.738641413	9.179963621	3.221830688	7.87814045
ENSMUSG00000042380	35.37259256	59.82308296	57.19823487	49.132918	58.72795608

ENSMUSG00000042386	7.074518513	3.478086219	2.118453143	2.416373016	5.013362104
ENSMUSG00000042390	85.601674	127.2979556	114.3964697	95.04400531	86.65954495
ENSMUSG00000042401	12.73413332	4.869320706	4.236906287	4.832746033	7.87814045
ENSMUSG00000042406	31.83533331	48.69320706	40.95676077	231.1663519	172.6028953
ENSMUSG00000042414	4.952162959	4.173703463	6.35535943	6.443661377	7.87814045
ENSMUSG00000042417	6.367066661	6.260555194	7.767661525	4.832746033	2.148583759
ENSMUSG00000042419	32.54278516	54.95376226	49.43057334	79.74030954	79.49759908
ENSMUSG00000042423	44.56946663	77.9091313	62.84744325	70.07481747	73.76804239
ENSMUSG00000042426	81.3569629	89.73462445	105.9226572	181.2279762	136.793166
ENSMUSG00000042428	6.367066661	8.347406925	7.061510478	3.221830688	6.445751277
ENSMUSG00000042429	4.244711108	4.869320706	8.473812573	8.860034393	7.161945863
ENSMUSG00000042433	4.952162959	4.173703463	5.649208382	2.416373016	3.580972932
ENSMUSG00000042448	4.244711108	5.56493795	4.943057334	5.638203705	3.580972932
ENSMUSG00000042459	4.244711108	4.173703463	7.061510478	3.221830688	7.87814045
ENSMUSG00000042460	38.20239997	56.34499675	49.43057334	79.74030954	69.47087488
ENSMUSG00000042462	12.02668147	20.17290007	12.71071886	41.07834128	31.5125618
ENSMUSG00000042473	24.05336294	34.78086219	33.18909925	20.94189947	20.769643
ENSMUSG00000042474	164.1288295	156.5138799	135.5810012	127.2623122	106.7129934
ENSMUSG00000042477	8.489422215	4.173703463	9.179963621	7.249119049	7.87814045
ENSMUSG00000042485	14.14903703	13.21672763	4.943057334	6.443661377	10.02672421
ENSMUSG00000042487	38.90985182	46.60635533	48.01827125	80.54576721	67.32229112
ENSMUSG00000042505	17.68629628	18.78166558	14.12302096	15.30369577	21.48583759
ENSMUSG00000042510	7.074518513	8.347406925	9.886114669	6.443661377	6.445751277
ENSMUSG00000042525	7.781970364	5.56493795	4.943057334	3.221830688	7.161945863
ENSMUSG00000042535	4.952162959	4.869320706	4.236906287	4.832746033	0.716194586
ENSMUSG00000042595	7.781970364	20.17290007	26.12758877	16.10915344	27.21539428
ENSMUSG00000042596	12.73413332	4.173703463	6.35535943	3.221830688	7.87814045
ENSMUSG00000042599	19.10119998	29.21592424	27.53989086	20.1364418	28.64778345
ENSMUSG00000042604	0.707451851	1.391234488	5.649208382	4.832746033	2.864778345
ENSMUSG00000042606	29.0055259	31.99839321	40.95676077	141.7605503	97.40246374
ENSMUSG00000042613	28.29807405	52.86691053	39.54445867	35.44013757	45.12025894
ENSMUSG00000042616	12.02668147	10.43425866	7.061510478	9.665492065	8.594335036
ENSMUSG00000042628	34.66514071	41.73703463	38.83830763	36.24559524	32.94495097
ENSMUSG00000042631	3.537259256	6.956172438	6.35535943	5.638203705	9.310529622
ENSMUSG00000042644	108.2401332	124.5154866	134.1686991	108.7367857	85.22715578
ENSMUSG00000042650	99.04325918	132.8628936	110.8657145	234.3881826	176.1838682
ENSMUSG00000042655	9.904325918	5.56493795	4.236906287	6.443661377	3.580972932
ENSMUSG00000042660	37.49494812	57.04061399	47.3121202	107.1258704	90.24051788
ENSMUSG00000042670	26.88317035	58.43184848	52.25517753	43.49471429	48.70123187
ENSMUSG00000042677	120.2668147	131.4716591	115.8087718	219.8899445	186.2105924
ENSMUSG00000042680	6.367066661	0.695617244	4.236906287	5.638203705	5.729556691
ENSMUSG00000042682	28.29807405	45.91073809	45.19366706	74.9075635	73.05184781
ENSMUSG00000042684	5.65961481	6.956172438	9.179963621	4.832746033	7.161945863

ENSMUSG00000042686	9.904325918	6.260555194	10.59226572	8.860034393	7.87814045
ENSMUSG00000042705	12.73413332	21.56413456	14.12302096	18.52552646	15.04008631
ENSMUSG00000042707	45.27691848	58.43184848	59.31668801	70.88027514	79.49759908
ENSMUSG00000042717	7.781970364	11.1298759	7.061510478	6.443661377	5.729556691
ENSMUSG00000042724	21.93100739	33.3896277	36.01370344	12.08186508	24.35061594
ENSMUSG00000042734	7.074518513	9.738641413	7.767661525	7.249119049	5.013362104
ENSMUSG00000042737	44.56946663	66.7792554	53.66747963	53.96566403	46.55264811
ENSMUSG00000042742	93.38364437	141.2103005	121.4579802	131.2896006	120.3206905
ENSMUSG00000042745	6.367066661	10.43425866	12.71071886	5.638203705	7.87814045
ENSMUSG00000042750	4.244711108	5.56493795	2.824604191	3.221830688	2.864778345
ENSMUSG00000042763	5.65961481	7.651789682	9.179963621	14.4982381	7.161945863
ENSMUSG00000042770	8.489422215	6.260555194	7.767661525	5.638203705	6.445751277
ENSMUSG00000042774	5.65961481	6.956172438	10.59226572	4.02728836	9.310529622
ENSMUSG00000042784	7.781970364	6.260555194	8.473812573	4.832746033	10.02672421
ENSMUSG00000042797	4.952162959	7.651789682	8.473812573	7.249119049	6.445751277
ENSMUSG00000042800	8.489422215	4.869320706	3.530755239	8.054576721	8.594335036
ENSMUSG00000042801	10.61177777	5.56493795	4.943057334	2.416373016	7.87814045
ENSMUSG00000042808	9.904325918	2.782468975	7.061510478	2.416373016	5.013362104
ENSMUSG00000042812	5.65961481	6.956172438	6.35535943	1.610915344	5.013362104
ENSMUSG00000042814	26.88317035	25.73783802	24.00913562	25.77464551	27.21539428
ENSMUSG00000042816	3.537259256	8.347406925	8.473812573	8.860034393	11.45911338
ENSMUSG00000042821	6.367066661	13.21672763	9.179963621	15.30369577	13.60769714
ENSMUSG00000042845	9.196874066	5.56493795	8.473812573	5.638203705	5.013362104
ENSMUSG00000042846	13.44158517	3.478086219	10.59226572	6.443661377	10.02672421
ENSMUSG00000042854	34.66514071	42.43265187	33.89525029	61.21478308	63.0251236
ENSMUSG00000042861	9.904325918	4.173703463	8.473812573	4.832746033	5.013362104
ENSMUSG00000042895	6.367066661	4.869320706	12.00456781	5.638203705	3.580972932
ENSMUSG00000042903	12.73413332	15.99919661	19.77222934	12.88732275	16.47247549
ENSMUSG00000042943	10.61177777	8.347406925	6.35535943	1.610915344	5.013362104
ENSMUSG00000042985	5.65961481	6.956172438	5.649208382	2.416373016	6.445751277
ENSMUSG00000042993	9.904325918	25.04222078	24.00913562	38.66196826	25.06681052
ENSMUSG00000043008	147.8574369	166.9481385	157.4716837	97.46037832	80.21379367
ENSMUSG00000043017	10.61177777	6.260555194	7.767661525	16.91461111	13.60769714
ENSMUSG00000043029	10.61177777	6.956172438	8.473812573	7.249119049	7.161945863
ENSMUSG00000043050	2.122355554	3.478086219	2.824604191	16.91461111	7.161945863
ENSMUSG00000043060	12.02668147	6.956172438	8.473812573	4.832746033	4.297167518
ENSMUSG00000043066	9.904325918	9.043024169	9.886114669	5.638203705	7.87814045
ENSMUSG00000043087	8.489422215	7.651789682	10.59226572	6.443661377	6.445751277
ENSMUSG00000043089	7.074518513	6.260555194	9.886114669	5.638203705	5.729556691
ENSMUSG00000043091	24.76081479	41.73703463	36.71985448	99.07129367	86.65954495
ENSMUSG00000043102	10.61177777	13.91234488	14.12302096	12.88732275	10.02672421
ENSMUSG00000043110	8.489422215	5.56493795	3.530755239	4.02728836	3.580972932
ENSMUSG00000043122	7.074518513	10.43425866	1.412302096	4.02728836	8.594335036

ENSMUSG00000043140	69.33028142	103.6469693	91.79963621	203.780791	174.0352845
ENSMUSG00000043144	9.196874066	6.260555194	3.530755239	5.638203705	6.445751277
ENSMUSG00000043153	4.952162959	4.869320706	9.179963621	3.221830688	9.310529622
ENSMUSG00000043155	9.196874066	4.173703463	9.886114669	6.443661377	8.594335036
ENSMUSG00000043157	11.31922962	7.651789682	4.943057334	6.443661377	5.013362104
ENSMUSG00000043162	5.65961481	2.782468975	5.649208382	3.221830688	4.297167518
ENSMUSG00000043164	7.074518513	6.956172438	15.53532305	4.832746033	3.580972932
ENSMUSG00000043165	8.489422215	6.260555194	5.649208382	3.221830688	2.864778345
ENSMUSG00000043219	4.244711108	4.869320706	9.179963621	4.02728836	8.594335036
ENSMUSG00000043230	8.489422215	4.173703463	8.473812573	4.02728836	8.594335036
ENSMUSG00000043251	34.66514071	39.6501829	41.66291182	49.132918	39.39070225
ENSMUSG00000043252	87.01657771	102.9513521	107.3349593	57.99295239	65.17370736
ENSMUSG00000043279	75.69734809	110.6031418	102.3919019	118.4022778	123.1854689
ENSMUSG00000043282	8.489422215	9.738641413	12.71071886	5.638203705	8.594335036
ENSMUSG00000043290	14.85648888	27.12907251	21.89068248	18.52552646	30.08017263
ENSMUSG00000043298	9.196874066	8.347406925	10.59226572	14.4982381	12.89150255
ENSMUSG00000043300	8.489422215	6.956172438	4.943057334	8.054576721	5.013362104
ENSMUSG00000043311	29.71297775	52.86691053	43.78136496	74.10210583	66.60609653
ENSMUSG00000043312	7.074518513	7.651789682	10.59226572	3.221830688	7.161945863
ENSMUSG00000043313	14.85648888	6.260555194	7.767661525	5.638203705	5.013362104
ENSMUSG00000043319	12.02668147	1.391234488	7.061510478	10.47094974	13.60769714
ENSMUSG00000043342	2.122355554	3.478086219	2.118453143	0.805457672	2.148583759
ENSMUSG00000043388	9.196874066	4.869320706	6.35535943	4.02728836	11.45911338
ENSMUSG00000043391	3.537259256	6.956172438	4.943057334	5.638203705	5.729556691
ENSMUSG00000043415	58.71850365	67.47487265	64.96589639	99.07129367	61.59273443
ENSMUSG00000043418	12.02668147	8.347406925	7.767661525	4.832746033	9.310529622
ENSMUSG00000043421	18.39374813	27.82468975	22.59683353	47.52200265	55.14698315
ENSMUSG00000043429	8.489422215	8.347406925	5.649208382	11.27640741	10.02672421
ENSMUSG00000043430	16.97884443	11.1298759	6.35535943	7.249119049	5.729556691
ENSMUSG00000043432	29.0055259	34.08524495	29.65834401	14.4982381	22.91822676
ENSMUSG00000043439	7.781970364	7.651789682	7.061510478	16.10915344	13.60769714
ENSMUSG00000043441	13.44158517	6.956172438	9.886114669	3.221830688	5.013362104
ENSMUSG00000043445	18.39374813	54.95376226	34.60140134	107.9313281	73.05184781
ENSMUSG00000043453	2.122355554	2.782468975	2.118453143	0	1.432389173
ENSMUSG00000043458	12.02668147	11.1298759	11.29841676	4.832746033	8.594335036
ENSMUSG00000043460	7.781970364	6.260555194	0.706151048	6.443661377	6.445751277
ENSMUSG00000043463	4.244711108	4.173703463	5.649208382	6.443661377	2.148583759
ENSMUSG00000043468	7.781970364	4.173703463	7.061510478	6.443661377	7.87814045
ENSMUSG00000043485	7.074518513	4.173703463	4.236906287	3.221830688	11.45911338
ENSMUSG00000043487	12.02668147	9.043024169	7.767661525	5.638203705	5.013362104
ENSMUSG00000043496	7.781970364	8.347406925	3.530755239	4.832746033	6.445751277
ENSMUSG00000043501	11.31922962	4.869320706	11.29841676	9.665492065	7.161945863
ENSMUSG00000043505	61.54831106	105.0382038	80.50121945	168.3406535	131.7798039

ENSMUSG00000043518	4.244711108	5.56493795	5.649208382	0	3.580972932
ENSMUSG00000043529	16.27139258	10.43425866	12.71071886	6.443661377	12.89150255
ENSMUSG00000043569	2.829807405	2.086851731	4.943057334	0.805457672	1.432389173
ENSMUSG00000043572	16.97884443	22.95536904	17.65377619	33.02376456	35.09353473
ENSMUSG00000043583	4.952162959	5.56493795	12.00456781	5.638203705	5.729556691
ENSMUSG00000043602	7.781970364	14.60796212	6.35535943	13.69278043	10.02672421
ENSMUSG00000043605	9.904325918	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG00000043613	9.196874066	6.956172438	4.236906287	6.443661377	11.45911338
ENSMUSG00000043631	12.73413332	9.738641413	10.59226572	6.443661377	6.445751277
ENSMUSG00000043633	4.952162959	8.347406925	6.35535943	4.02728836	8.594335036
ENSMUSG00000043648	9.904325918	6.260555194	9.886114669	4.832746033	8.594335036
ENSMUSG00000043664	8.489422215	4.869320706	7.061510478	9.665492065	7.87814045
ENSMUSG00000043670	7.074518513	5.56493795	5.649208382	8.054576721	8.594335036
ENSMUSG00000043681	7.781970364	6.260555194	7.767661525	7.249119049	7.161945863
ENSMUSG00000043683	50.93653329	67.47487265	69.20280268	207.8080794	161.1437819
ENSMUSG00000043702	0.707451851	2.086851731	2.824604191	1.610915344	0.716194586
ENSMUSG00000043705	9.196874066	6.956172438	9.179963621	8.054576721	7.161945863
ENSMUSG00000043727	7.074518513	5.56493795	6.35535943	5.638203705	7.161945863
ENSMUSG00000043753	10.61177777	4.173703463	8.473812573	5.638203705	2.864778345
ENSMUSG00000043782	5.65961481	6.956172438	7.767661525	5.638203705	7.87814045
ENSMUSG00000043787	9.904325918	8.347406925	6.35535943	5.638203705	8.594335036
ENSMUSG00000043789	11.31922962	9.738641413	9.886114669	8.860034393	5.013362104
ENSMUSG00000043807	6.367066661	21.56413456	15.53532305	14.4982381	20.05344842
ENSMUSG00000043811	6.367066661	4.173703463	3.530755239	4.832746033	2.148583759
ENSMUSG00000043827	7.781970364	4.869320706	6.35535943	8.054576721	7.161945863
ENSMUSG00000043855	7.781970364	6.956172438	9.886114669	4.832746033	7.87814045
ENSMUSG00000043881	14.14903703	29.91154148	35.30755239	34.6346799	35.80972932
ENSMUSG00000043895	7.074518513	6.956172438	7.767661525	6.443661377	11.45911338
ENSMUSG00000043911	10.61177777	2.782468975	4.943057334	3.221830688	2.864778345
ENSMUSG00000043923	26.1757185	34.78086219	40.95676077	38.66196826	34.37734014
ENSMUSG00000043925	11.31922962	11.1298759	5.649208382	5.638203705	7.161945863
ENSMUSG00000043932	8.489422215	12.52111039	5.649208382	7.249119049	10.02672421
ENSMUSG00000043945	2.829807405	2.086851731	5.649208382	1.610915344	2.864778345
ENSMUSG00000043969	4.952162959	4.173703463	6.35535943	7.249119049	4.297167518
ENSMUSG00000043972	9.196874066	6.260555194	7.767661525	5.638203705	9.310529622
ENSMUSG00000043982	7.781970364	6.956172438	10.59226572	3.221830688	5.013362104
ENSMUSG00000043986	10.61177777	4.869320706	5.649208382	4.02728836	5.729556691
ENSMUSG00000043991	32.54278516	57.73623123	52.96132858	45.10562964	56.57937232
ENSMUSG00000043999	10.61177777	5.56493795	7.061510478	9.665492065	7.87814045
ENSMUSG00000044006	7.074518513	6.956172438	12.71071886	9.665492065	7.87814045
ENSMUSG00000044014	9.904325918	8.347406925	4.943057334	3.221830688	4.297167518
ENSMUSG00000044018	70.03773327	132.1672763	103.804204	132.0950582	127.4826364
ENSMUSG00000044022	9.904325918	11.1298759	4.943057334	5.638203705	4.297167518

ENSMUSG00000044025	6.367066661	8.347406925	8.473812573	2.416373016	3.580972932
ENSMUSG00000044026	7.781970364	7.651789682	9.179963621	21.74735715	15.7562809
ENSMUSG00000044030	53.7663407	68.17048989	74.14586002	45.10562964	46.55264811
ENSMUSG00000044041	11.31922962	4.869320706	5.649208382	5.638203705	5.013362104
ENSMUSG00000044043	4.2447111108	4.869320706	9.886114669	2.416373016	5.013362104
ENSMUSG00000044052	7.781970364	9.043024169	12.71071886	12.08186508	10.02672421
ENSMUSG00000044055	4.2447111108	11.82549314	7.061510478	3.221830688	6.445751277
ENSMUSG00000044056	12.02668147	21.56413456	24.71528667	8.860034393	15.04008631
ENSMUSG00000044060	13.44158517	11.1298759	12.00456781	7.249119049	12.17530797
ENSMUSG00000044067	33.25023701	48.69320706	43.07521391	22.55281482	30.79636721
ENSMUSG00000044068	106.1177777	144.6883867	128.5194907	138.5387196	109.5777717
ENSMUSG00000044071	7.781970364	7.651789682	4.943057334	7.249119049	7.161945863
ENSMUSG00000044080	19.10119998	25.04222078	26.12758877	28.19101852	17.18867007
ENSMUSG00000044084	10.61177777	3.478086219	12.00456781	8.054576721	5.729556691
ENSMUSG00000044086	6.367066661	6.260555194	5.649208382	8.860034393	5.013362104
ENSMUSG00000044092	13.44158517	15.30357936	15.53532305	17.72006879	21.48583759
ENSMUSG00000044103	6.367066661	6.260555194	5.649208382	4.832746033	6.445751277
ENSMUSG00000044121	6.367066661	2.086851731	5.649208382	1.610915344	2.148583759
ENSMUSG00000044134	12.73413332	27.12907251	24.00913562	20.1364418	19.33725383
ENSMUSG00000044145	47.39927403	55.6493795	60.72899011	120.0131931	80.21379367
ENSMUSG00000044147	117.4370073	135.6453625	122.1641313	320.5721535	229.8984622
ENSMUSG00000044148	19.10119998	36.17209668	31.0706461	36.24559524	30.79636721
ENSMUSG00000044149	18.39374813	16.69481385	16.94762515	91.82217462	61.59273443
ENSMUSG00000044164	4.952162959	3.478086219	9.179963621	4.832746033	8.594335036
ENSMUSG00000044167	180.4002221	191.294742	180.7746682	228.7499789	169.738117
ENSMUSG00000044172	7.781970364	7.651789682	8.473812573	4.832746033	4.297167518
ENSMUSG00000044177	6.367066661	9.043024169	10.59226572	4.832746033	10.7429188
ENSMUSG00000044197	26.1757185	20.86851731	24.71528667	33.02376456	20.769643
ENSMUSG00000044199	106.1177777	119.6461659	132.756397	128.0677699	123.1854689
ENSMUSG00000044201	24.05336294	36.17209668	29.65834401	43.49471429	30.08017263
ENSMUSG00000044205	10.61177777	6.956172438	9.886114669	5.638203705	8.594335036
ENSMUSG00000044206	4.952162959	2.086851731	4.236906287	1.610915344	1.432389173
ENSMUSG00000044216	4.2447111108	4.869320706	4.943057334	5.638203705	5.013362104
ENSMUSG00000044222	11.31922962	7.651789682	7.061510478	5.638203705	9.310529622
ENSMUSG00000044227	7.074518513	8.347406925	4.943057334	8.860034393	6.445751277
ENSMUSG00000044229	12.73413332	18.08604834	17.65377619	12.88732275	9.310529622
ENSMUSG00000044231	9.196874066	7.651789682	4.236906287	3.221830688	8.594335036
ENSMUSG00000044243	9.196874066	5.56493795	7.061510478	7.249119049	5.729556691
ENSMUSG00000044248	6.367066661	9.043024169	9.179963621	5.638203705	3.580972932
ENSMUSG00000044249	9.196874066	6.956172438	8.473812573	7.249119049	7.87814045
ENSMUSG00000044250	21.93100739	38.95456565	37.42600553	106.3204127	100.9834367
ENSMUSG00000044254	6.367066661	4.173703463	4.943057334	4.832746033	7.161945863
ENSMUSG00000044286	9.904325918	8.347406925	9.179963621	4.02728836	6.445751277

ENSMUSG00000044287	8.489422215	16.69481385	9.179963621	8.860034393	3.580972932
ENSMUSG00000044288	6.367066661	4.869320706	7.061510478	5.638203705	2.864778345
ENSMUSG00000044294	7.781970364	2.782468975	7.061510478	9.665492065	8.594335036
ENSMUSG00000044303	7.074518513	7.651789682	8.473812573	4.832746033	6.445751277
ENSMUSG00000044309	8.489422215	6.260555194	4.943057334	5.638203705	12.17530797
ENSMUSG00000044312	7.781970364	2.782468975	8.473812573	4.832746033	3.580972932
ENSMUSG00000044317	2.829807405	4.869320706	9.886114669	9.665492065	7.87814045
ENSMUSG00000044322	11.31922962	4.869320706	7.061510478	7.249119049	7.87814045
ENSMUSG00000044337	10.61177777	22.95536904	9.886114669	41.88379895	32.22875639
ENSMUSG00000044338	8.489422215	4.173703463	5.649208382	5.638203705	8.594335036
ENSMUSG00000044340	33.95768886	45.91073809	33.18909925	109.5422434	93.10529622
ENSMUSG00000044345	7.074518513	4.173703463	6.35535943	8.860034393	5.729556691
ENSMUSG00000044352	7.781970364	7.651789682	2.118453143	4.832746033	5.729556691
ENSMUSG00000044359	5.65961481	4.869320706	2.118453143	4.02728836	2.864778345
ENSMUSG00000044362	9.196874066	6.260555194	7.061510478	5.638203705	2.864778345
ENSMUSG00000044364	5.65961481	3.478086219	8.473812573	2.416373016	5.729556691
ENSMUSG00000044367	9.904325918	24.34660353	20.47838039	30.60739154	35.80972932
ENSMUSG00000044375	5.65961481	3.478086219	7.767661525	4.02728836	3.580972932
ENSMUSG00000044390	15.56394073	15.30357936	14.12302096	20.1364418	12.89150255
ENSMUSG00000044400	2.122355554	2.782468975	7.061510478	3.221830688	1.432389173
ENSMUSG00000044405	7.781970364	7.651789682	6.35535943	4.832746033	5.013362104
ENSMUSG00000044408	21.93100739	30.60715873	27.53989086	28.19101852	30.08017263
ENSMUSG00000044429	14.14903703	9.043024169	11.29841676	8.860034393	5.729556691
ENSMUSG00000044441	5.65961481	4.173703463	7.767661525	6.443661377	7.161945863
ENSMUSG00000044447	3.537259256	6.956172438	1.412302096	4.832746033	3.580972932
ENSMUSG00000044453	11.31922962	17.39043109	19.77222934	16.10915344	15.7562809
ENSMUSG00000044461	6.367066661	7.651789682	5.649208382	4.832746033	8.594335036
ENSMUSG00000044469	7.781970364	5.56493795	9.179963621	6.443661377	11.45911338
ENSMUSG00000044485	7.074518513	5.56493795	10.59226572	8.860034393	6.445751277
ENSMUSG00000044496	78.52715549	111.298759	100.9795998	127.2623122	126.7664418
ENSMUSG00000044505	7.781970364	4.869320706	7.061510478	4.02728836	9.310529622
ENSMUSG00000044519	14.14903703	2.086851731	6.35535943	3.221830688	3.580972932
ENSMUSG00000044526	1.414903703	5.56493795	10.59226572	4.02728836	7.161945863
ENSMUSG00000044528	8.489422215	6.956172438	10.59226572	1.610915344	6.445751277
ENSMUSG00000044534	8.489422215	9.043024169	8.473812573	11.27640741	7.87814045
ENSMUSG00000044542	8.489422215	8.347406925	8.473812573	4.02728836	7.161945863
ENSMUSG00000044556	7.781970364	7.651789682	16.2414741	4.832746033	6.445751277
ENSMUSG00000044576	7.781970364	6.260555194	5.649208382	4.832746033	7.161945863
ENSMUSG00000044581	9.904325918	4.173703463	7.767661525	4.02728836	7.161945863
ENSMUSG00000044597	4.952162959	0.695617244	4.236906287	1.610915344	3.580972932
ENSMUSG00000044617	26.1757185	43.12826911	41.66291182	33.82922223	35.09353473
ENSMUSG00000044624	11.31922962	6.260555194	9.886114669	6.443661377	5.013362104
ENSMUSG00000044628	3.537259256	6.260555194	2.824604191	8.860034393	9.310529622



ENSMUSG00000044629	12.73413332	16.69481385	14.12302096	9.665492065	11.45911338
ENSMUSG00000044636	19.10119998	29.91154148	29.65834401	16.91461111	21.48583759
ENSMUSG00000044641	12.02668147	11.82549314	11.29841676	20.94189947	8.594335036
ENSMUSG00000044645	11.31922962	8.347406925	8.473812573	15.30369577	10.7429188
ENSMUSG00000044649	4.952162959	7.651789682	6.35535943	3.221830688	7.87814045
ENSMUSG00000044664	13.44158517	11.1298759	12.00456781	17.72006879	11.45911338
ENSMUSG00000044674	5.65961481	4.869320706	3.530755239	4.832746033	2.864778345
ENSMUSG00000044701	9.196874066	2.086851731	4.943057334	10.47094974	13.60769714
ENSMUSG00000044703	21.22355554	27.12907251	26.12758877	27.38556085	22.91822676
ENSMUSG00000044707	4.244711108	6.260555194	9.179963621	3.221830688	5.013362104
ENSMUSG00000044708	7.074518513	6.260555194	7.061510478	7.249119049	6.445751277
ENSMUSG00000044709	76.40479994	112.6899935	105.2165061	164.3133651	141.0903335
ENSMUSG00000044715	36.78749627	70.25734162	64.25974535	104.7094974	105.9967988
ENSMUSG00000044719	16.97884443	9.738641413	5.649208382	7.249119049	10.02672421
ENSMUSG00000044724	20.51610369	24.34660353	29.65834401	16.10915344	17.18867007
ENSMUSG00000044726	6.367066661	6.260555194	5.649208382	6.443661377	5.729556691
ENSMUSG00000044737	7.781970364	5.56493795	7.061510478	9.665492065	8.594335036
ENSMUSG00000044743	11.31922962	3.478086219	9.179963621	5.638203705	5.729556691
ENSMUSG00000044748	10.61177777	5.56493795	7.767661525	10.47094974	13.60769714
ENSMUSG00000044763	3.537259256	7.651789682	7.061510478	1.610915344	6.445751277
ENSMUSG00000044772	15.56394073	9.043024169	8.473812573	4.02728836	4.297167518
ENSMUSG00000044786	154.2245036	168.339373	153.9409284	296.4084233	207.69643
ENSMUSG00000044787	5.65961481	8.347406925	9.886114669	10.47094974	10.7429188
ENSMUSG00000044792	58.71850365	111.9943762	107.3349593	79.74030954	81.64618284
ENSMUSG00000044798	7.781970364	11.82549314	4.943057334	5.638203705	5.013362104
ENSMUSG00000044814	9.196874066	4.869320706	11.29841676	10.47094974	5.013362104
ENSMUSG00000044819	7.074518513	6.260555194	9.179963621	6.443661377	7.161945863
ENSMUSG00000044820	35.37259256	73.0398106	55.78593277	110.3477011	78.06520991
ENSMUSG00000044854	64.37811846	74.43104508	79.08891735	159.4806191	130.3474147
ENSMUSG00000044857	30.4204296	38.25894841	42.36906287	45.91108731	42.97167518
ENSMUSG00000044860	9.904325918	8.347406925	7.061510478	4.02728836	6.445751277
ENSMUSG00000044863	4.952162959	4.869320706	11.29841676	4.832746033	12.17530797
ENSMUSG00000044881	14.85648888	18.08604834	19.06607829	19.33098413	25.06681052
ENSMUSG00000044899	12.02668147	4.869320706	9.179963621	9.665492065	7.161945863
ENSMUSG00000044906	10.61177777	15.30357936	17.65377619	27.38556085	24.35061594
ENSMUSG00000044921	7.074518513	5.56493795	10.59226572	2.416373016	11.45911338
ENSMUSG00000044927	8.489422215	3.478086219	3.530755239	7.249119049	6.445751277
ENSMUSG00000044933	7.781970364	4.173703463	5.649208382	10.47094974	7.161945863
ENSMUSG00000044938	10.61177777	6.956172438	8.473812573	8.054576721	7.87814045
ENSMUSG00000044949	14.14903703	15.30357936	14.829172	12.08186508	22.91822676
ENSMUSG00000044950	38.20239997	57.73623123	35.30755239	76.51847885	79.49759908
ENSMUSG00000044952	8.489422215	23.65098629	16.94762515	13.69278043	17.90486466
ENSMUSG00000044957	8.489422215	10.43425866	11.29841676	7.249119049	7.161945863

ENSMUSG00000044966	21.22355554	35.47647943	24.00913562	28.19101852	22.91822676
ENSMUSG00000044982	31.12788146	47.30197258	41.66291182	35.44013757	41.53928601
ENSMUSG00000044985	7.781970364	4.173703463	6.35535943	4.02728836	4.297167518
ENSMUSG00000044986	10.61177777	20.17290007	16.94762515	11.27640741	17.18867007
ENSMUSG00000044988	11.31922962	6.956172438	7.061510478	7.249119049	5.729556691
ENSMUSG00000045004	13.44158517	6.956172438	6.35535943	8.054576721	5.013362104
ENSMUSG00000045005	8.489422215	9.738641413	9.179963621	7.249119049	10.7429188
ENSMUSG00000045007	9.196874066	13.91234488	6.35535943	17.72006879	13.60769714
ENSMUSG00000045008	4.244711108	2.086851731	3.530755239	2.416373016	5.729556691
ENSMUSG00000045009	14.85648888	10.43425866	10.59226572	9.665492065	7.161945863
ENSMUSG00000045013	7.781970364	9.043024169	2.824604191	5.638203705	5.013362104
ENSMUSG00000045019	7.781970364	6.260555194	9.886114669	6.443661377	5.729556691
ENSMUSG00000045022	7.781970364	9.043024169	9.179963621	8.054576721	8.594335036
ENSMUSG00000045027	7.074518513	3.478086219	7.061510478	3.221830688	4.297167518
ENSMUSG00000045030	9.904325918	4.173703463	4.236906287	8.860034393	5.729556691
ENSMUSG00000045039	7.074518513	5.56493795	3.530755239	2.416373016	10.02672421
ENSMUSG00000045045	6.367066661	4.869320706	6.35535943	7.249119049	8.594335036
ENSMUSG00000045052	6.367066661	10.43425866	9.886114669	3.221830688	7.161945863
ENSMUSG00000045053	10.61177777	6.260555194	8.473812573	4.832746033	6.445751277
ENSMUSG00000045062	7.074518513	9.738641413	8.473812573	3.221830688	1.432389173
ENSMUSG00000045064	4.244711108	5.56493795	4.943057334	4.02728836	6.445751277
ENSMUSG00000045087	5.65961481	12.52111039	8.473812573	6.443661377	9.310529622
ENSMUSG00000045091	8.489422215	8.347406925	9.179963621	4.02728836	4.297167518
ENSMUSG00000045092	55.1812444	73.0398106	60.72899011	41.88379895	49.41742646
ENSMUSG00000045094	4.244711108	6.260555194	8.473812573	1.610915344	5.729556691
ENSMUSG00000045107	14.85648888	18.78166558	14.12302096	15.30369577	21.48583759
ENSMUSG00000045109	8.489422215	10.43425866	6.35535943	8.860034393	5.013362104
ENSMUSG00000045126	9.904325918	9.043024169	8.473812573	6.443661377	5.013362104
ENSMUSG00000045128	3.537259256	2.782468975	2.824604191	5.638203705	3.580972932
ENSMUSG00000045136	11.31922962	9.043024169	13.41686991	11.27640741	14.32389173
ENSMUSG00000045140	29.71297775	62.60555194	42.36906287	85.37851324	80.21379367
ENSMUSG00000045165	154.2245036	168.339373	168.7701004	193.3098413	151.8332523
ENSMUSG00000045176	33.95768886	61.21431745	43.78136496	45.10562964	41.53928601
ENSMUSG00000045201	5.65961481	8.347406925	6.35535943	8.054576721	10.02672421
ENSMUSG00000045202	10.61177777	8.347406925	7.767661525	6.443661377	5.013362104
ENSMUSG00000045210	75.69734809	90.43024169	76.97046421	192.5043836	141.0903335
ENSMUSG00000045211	12.02668147	14.60796212	10.59226572	5.638203705	13.60769714
ENSMUSG00000045216	60.13340736	68.17048989	81.91352154	81.35122488	73.76804239
ENSMUSG00000045232	13.44158517	14.60796212	14.12302096	5.638203705	5.729556691
ENSMUSG00000045236	9.196874066	6.260555194	9.886114669	3.221830688	6.445751277
ENSMUSG00000045237	12.73413332	15.99919661	21.89068248	16.91461111	13.60769714
ENSMUSG00000045248	115.3146518	159.2963488	149.7040221	194.115299	153.2656415
ENSMUSG00000045257	36.78749627	49.38882431	48.01827125	93.43308996	88.09193412

ENSMUSG00000045259	10.61177777	16.69481385	16.94762515	16.10915344	20.05344842
ENSMUSG00000045267	6.367066661	3.478086219	8.473812573	3.221830688	7.161945863
ENSMUSG00000045273	26.88317035	27.12907251	31.0706461	37.05105292	43.68786977
ENSMUSG00000045281	6.367066661	3.478086219	12.00456781	7.249119049	9.310529622
ENSMUSG00000045282	11.31922962	15.30357936	16.2414741	16.91461111	6.445751277
ENSMUSG00000045284	4.244711108	6.956172438	7.767661525	3.221830688	5.013362104
ENSMUSG00000045287	4.952162959	7.651789682	9.179963621	6.443661377	5.729556691
ENSMUSG00000045306	12.02668147	14.60796212	6.35535943	6.443661377	2.864778345
ENSMUSG00000045314	7.074518513	3.478086219	3.530755239	3.221830688	7.161945863
ENSMUSG00000045316	17.68629628	25.04222078	30.36449505	27.38556085	29.36397804
ENSMUSG00000045318	8.489422215	2.086851731	2.824604191	5.638203705	7.161945863
ENSMUSG00000045330	4.244711108	3.478086219	2.824604191	3.221830688	2.864778345
ENSMUSG00000045331	10.61177777	6.260555194	6.35535943	5.638203705	3.580972932
ENSMUSG00000045336	12.02668147	9.738641413	6.35535943	6.443661377	5.729556691
ENSMUSG00000045337	9.904325918	6.260555194	5.649208382	8.054576721	5.013362104
ENSMUSG00000045362	46.69182218	79.30036579	62.1412922	59.60386773	58.72795608
ENSMUSG00000045364	3.537259256	3.478086219	4.236906287	4.02728836	9.310529622
ENSMUSG00000045377	4.952162959	13.21672763	18.35992724	10.47094974	11.45911338
ENSMUSG00000045378	7.781970364	7.651789682	9.886114669	9.665492065	10.02672421
ENSMUSG00000045381	8.489422215	11.82549314	14.12302096	10.47094974	11.45911338
ENSMUSG00000045382	55.88869625	76.51789682	79.7950684	54.7711217	59.44415067
ENSMUSG00000045394	4.952162959	6.956172438	6.35535943	8.860034393	6.445751277
ENSMUSG00000045395	8.489422215	3.478086219	9.179963621	8.860034393	6.445751277
ENSMUSG00000045414	11.31922962	7.651789682	9.886114669	14.4982381	7.161945863
ENSMUSG00000045435	108.2401332	177.3823972	139.1117564	186.0607223	164.7247549
ENSMUSG00000045440	7.781970364	9.043024169	9.179963621	4.832746033	8.594335036
ENSMUSG00000045441	11.31922962	9.043024169	4.236906287	7.249119049	10.7429188
ENSMUSG00000045471	7.074518513	6.956172438	5.649208382	6.443661377	4.297167518
ENSMUSG00000045474	8.489422215	9.043024169	5.649208382	7.249119049	6.445751277
ENSMUSG00000045475	5.65961481	7.651789682	7.767661525	5.638203705	5.013362104
ENSMUSG00000045479	7.781970364	3.478086219	11.29841676	8.054576721	6.445751277
ENSMUSG00000045493	4.244711108	2.782468975	1.412302096	4.832746033	2.148583759
ENSMUSG00000045498	11.31922962	9.738641413	6.35535943	8.054576721	5.013362104
ENSMUSG00000045502	15.56394073	8.347406925	4.943057334	4.832746033	8.594335036
ENSMUSG00000045509	5.65961481	11.82549314	10.59226572	3.221830688	6.445751277
ENSMUSG00000045514	12.02668147	4.869320706	7.061510478	10.47094974	7.161945863
ENSMUSG00000045515	2.122355554	0	2.118453143	0.805457672	2.864778345
ENSMUSG00000045518	8.489422215	7.651789682	7.767661525	7.249119049	5.729556691
ENSMUSG00000045521	14.85648888	11.1298759	14.12302096	9.665492065	14.32389173
ENSMUSG00000045532	4.244711108	4.173703463	9.179963621	8.054576721	7.87814045
ENSMUSG00000045534	7.074518513	8.347406925	7.767661525	1.610915344	5.729556691
ENSMUSG00000045538	26.1757185	36.86771392	32.4829482	74.9075635	55.86317773
ENSMUSG00000045539	9.904325918	7.651789682	3.530755239	5.638203705	6.445751277

ENSMUSG00000045545	9.904325918	9.043024169	7.767661525	5.638203705	5.729556691
ENSMUSG00000045551	9.904325918	11.1298759	6.35535943	7.249119049	7.161945863
ENSMUSG00000045555	10.61177777	6.260555194	7.767661525	2.416373016	5.013362104
ENSMUSG00000045559	9.904325918	6.260555194	4.943057334	5.638203705	5.729556691
ENSMUSG00000045569	9.196874066	7.651789682	5.649208382	5.638203705	5.013362104
ENSMUSG00000045573	7.781970364	6.956172438	6.35535943	4.02728836	6.445751277
ENSMUSG00000045581	4.952162959	9.043024169	6.35535943	4.02728836	8.594335036
ENSMUSG00000045587	7.781970364	6.956172438	9.179963621	11.27640741	10.02672421
ENSMUSG00000045589	9.904325918	6.956172438	7.767661525	8.054576721	5.729556691
ENSMUSG00000045591	7.074518513	5.56493795	6.35535943	9.665492065	9.310529622
ENSMUSG00000045608	4.952162959	6.260555194	8.473812573	6.443661377	6.445751277
ENSMUSG00000045613	6.367066661	5.56493795	9.886114669	4.832746033	7.161945863
ENSMUSG00000045620	11.31922962	4.173703463	7.061510478	7.249119049	9.310529622
ENSMUSG00000045625	4.244711108	8.347406925	12.71071886	8.860034393	3.580972932
ENSMUSG00000045629	12.02668147	10.43425866	9.179963621	6.443661377	5.729556691
ENSMUSG00000045631	12.02668147	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG00000045655	21.22355554	8.347406925	11.29841676	10.47094974	5.729556691
ENSMUSG00000045657	9.904325918	6.260555194	9.886114669	1.610915344	5.013362104
ENSMUSG00000045664	9.196874066	12.52111039	7.767661525	9.665492065	7.161945863
ENSMUSG00000045665	41.73965922	43.82388636	55.07978173	77.32393652	68.75468029
ENSMUSG00000045680	7.074518513	7.651789682	4.943057334	8.054576721	7.87814045
ENSMUSG00000045689	7.781970364	8.347406925	7.767661525	3.221830688	3.580972932
ENSMUSG00000045690	26.1757185	45.21512085	49.43057334	107.1258704	90.24051788
ENSMUSG00000045693	7.781970364	11.1298759	8.473812573	6.443661377	9.310529622
ENSMUSG00000045725	4.952162959	4.869320706	7.061510478	4.832746033	5.013362104
ENSMUSG00000045730	150.6872443	180.1648661	161.0024389	80.54576721	71.61945863
ENSMUSG00000045731	7.781970364	4.869320706	8.473812573	4.02728836	3.580972932
ENSMUSG00000045733	9.904325918	4.173703463	7.061510478	6.443661377	11.45911338
ENSMUSG00000045757	24.76081479	34.08524495	31.77679715	21.74735715	30.79636721
ENSMUSG00000045763	5.65961481	6.260555194	4.236906287	10.47094974	7.161945863
ENSMUSG00000045767	149.2723406	133.5585108	136.9933033	295.6029657	204.8316517
ENSMUSG00000045776	7.074518513	7.651789682	12.00456781	9.665492065	2.864778345
ENSMUSG00000045794	14.85648888	18.08604834	16.94762515	9.665492065	12.17530797
ENSMUSG00000045797	3.537259256	5.56493795	1.412302096	0.805457672	5.013362104
ENSMUSG00000045817	82.7718666	84.86530374	91.09348516	159.4806191	127.4826364
ENSMUSG00000045822	63.67066661	97.38641413	89.68118307	89.4058016	89.52432329
ENSMUSG00000045826	65.79302217	89.73462445	87.56272992	201.364418	166.8733386
ENSMUSG00000045835	7.074518513	6.260555194	10.59226572	5.638203705	6.445751277
ENSMUSG00000045838	7.074518513	5.56493795	8.473812573	4.832746033	7.87814045
ENSMUSG00000045854	14.14903703	11.82549314	6.35535943	23.35827249	16.47247549
ENSMUSG00000045871	7.074518513	6.956172438	8.473812573	4.02728836	5.013362104
ENSMUSG00000045903	9.196874066	8.347406925	9.179963621	6.443661377	8.594335036
ENSMUSG00000045912	9.196874066	6.956172438	4.943057334	4.832746033	10.02672421

ENSMUSG00000045930	14.14903703	6.956172438	8.473812573	6.443661377	5.729556691
ENSMUSG00000045948	12.73413332	28.52030699	20.47838039	43.49471429	30.79636721
ENSMUSG00000045954	8.489422215	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000045968	12.73413332	6.260555194	5.649208382	5.638203705	5.729556691
ENSMUSG00000045969	12.73413332	34.08524495	26.12758877	78.93485187	64.45751277
ENSMUSG00000045975	14.85648888	21.56413456	12.71071886	13.69278043	16.47247549
ENSMUSG00000045989	8.489422215	7.651789682	8.473812573	7.249119049	9.310529622
ENSMUSG00000046000	8.489422215	8.347406925	4.943057334	3.221830688	6.445751277
ENSMUSG00000046006	21.93100739	38.25894841	29.65834401	16.91461111	24.35061594
ENSMUSG00000046008	12.73413332	3.478086219	7.767661525	4.02728836	2.864778345
ENSMUSG00000046010	31.12788146	62.60555194	43.78136496	111.1531587	88.80812871
ENSMUSG00000046031	13.44158517	18.78166558	10.59226572	7.249119049	12.89150255
ENSMUSG00000046034	94.79854807	132.8628936	124.9887355	273.8556085	206.2640409
ENSMUSG00000046049	7.074518513	5.56493795	4.943057334	8.860034393	5.013362104
ENSMUSG00000046058	4.952162959	6.956172438	5.649208382	3.221830688	7.87814045
ENSMUSG00000046062	157.054311	166.2525213	138.4056054	372.9269022	257.1138565
ENSMUSG00000046070	9.904325918	5.56493795	8.473812573	4.832746033	4.297167518
ENSMUSG00000046082	7.074518513	5.56493795	7.061510478	5.638203705	7.161945863
ENSMUSG00000046093	2.829807405	7.651789682	9.179963621	4.832746033	7.161945863
ENSMUSG00000046096	60.13340736	109.2119073	76.97046421	110.3477011	93.82149081
ENSMUSG00000046108	19.80865184	34.08524495	48.7244223	23.35827249	27.21539428
ENSMUSG00000046133	5.65961481	6.260555194	4.236906287	3.221830688	7.161945863
ENSMUSG00000046139	46.69182218	83.47406925	86.85657888	118.4022778	106.7129934
ENSMUSG00000046160	7.781970364	7.651789682	8.473812573	4.02728836	5.729556691
ENSMUSG00000046167	8.489422215	4.173703463	6.35535943	5.638203705	7.87814045
ENSMUSG00000046168	6.367066661	8.347406925	6.35535943	5.638203705	13.60769714
ENSMUSG00000046173	4.952162959	4.173703463	6.35535943	6.443661377	5.729556691
ENSMUSG00000046178	8.489422215	2.782468975	7.767661525	2.416373016	9.310529622
ENSMUSG00000046182	7.781970364	6.956172438	6.35535943	6.443661377	5.729556691
ENSMUSG00000046186	9.196874066	7.651789682	6.35535943	4.832746033	7.161945863
ENSMUSG00000046191	4.952162959	12.52111039	9.886114669	6.443661377	7.87814045
ENSMUSG00000046192	10.61177777	4.869320706	6.35535943	8.054576721	5.013362104
ENSMUSG00000046196	87.72402956	112.6899935	103.804204	292.381135	189.0753708
ENSMUSG00000046201	99.75071103	135.6453625	116.5149229	242.4427593	186.2105924
ENSMUSG00000046213	9.196874066	9.738641413	4.943057334	5.638203705	7.161945863
ENSMUSG00000046215	10.61177777	9.043024169	4.943057334	8.054576721	5.729556691
ENSMUSG00000046229	28.29807405	50.08444155	36.01370344	105.514955	90.24051788
ENSMUSG00000046240	10.61177777	10.43425866	5.649208382	6.443661377	5.729556691
ENSMUSG00000046248	9.196874066	6.260555194	13.41686991	4.02728836	9.310529622
ENSMUSG00000046258	6.367066661	6.956172438	5.649208382	5.638203705	4.297167518
ENSMUSG00000046259	4.952162959	8.347406925	7.061510478	8.054576721	15.04008631
ENSMUSG00000046272	7.074518513	4.869320706	13.41686991	2.416373016	5.013362104
ENSMUSG00000046275	8.489422215	4.173703463	12.00456781	8.054576721	9.310529622

ENSMUSG00000046280	9.196874066	9.043024169	6.35535943	6.443661377	7.87814045
ENSMUSG00000046282	4.244711108	6.956172438	3.530755239	3.221830688	4.297167518
ENSMUSG00000046287	4.244711108	1.391234488	0	0.805457672	3.580972932
ENSMUSG00000046300	2.829807405	2.782468975	0.706151048	3.221830688	2.148583759
ENSMUSG00000046312	8.489422215	13.21672763	9.179963621	10.47094974	6.445751277
ENSMUSG00000046321	5.65961481	3.478086219	2.824604191	8.054576721	7.161945863
ENSMUSG00000046323	6.367066661	7.651789682	4.236906287	3.221830688	0.716194586
ENSMUSG00000046338	4.952162959	2.782468975	14.12302096	9.665492065	7.161945863
ENSMUSG00000046345	12.73413332	5.56493795	10.59226572	8.054576721	5.729556691
ENSMUSG00000046352	9.196874066	6.956172438	7.061510478	2.416373016	8.594335036
ENSMUSG00000046380	20.51610369	19.47728283	18.35992724	40.2728836	42.25548059
ENSMUSG00000046387	12.02668147	9.043024169	9.179963621	6.443661377	7.87814045
ENSMUSG00000046404	38.90985182	68.17048989	43.78136496	95.84946298	78.7814045
ENSMUSG00000046435	5.65961481	12.52111039	6.35535943	2.416373016	7.161945863
ENSMUSG00000046438	8.489422215	4.173703463	7.061510478	4.832746033	6.445751277
ENSMUSG00000046441	23.34591109	34.78086219	43.78136496	41.88379895	52.2822048
ENSMUSG00000046442	18.39374813	23.65098629	32.4829482	19.33098413	19.33725383
ENSMUSG00000046447	4.244711108	4.869320706	9.179963621	7.249119049	3.580972932
ENSMUSG00000046450	8.489422215	5.56493795	7.061510478	6.443661377	12.17530797
ENSMUSG00000046470	7.781970364	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000046474	6.367066661	5.56493795	6.35535943	4.832746033	6.445751277
ENSMUSG00000046480	9.904325918	5.56493795	10.59226572	6.443661377	10.7429188
ENSMUSG00000046490	8.489422215	6.956172438	8.473812573	4.832746033	9.310529622
ENSMUSG00000046493	12.73413332	6.260555194	14.829172	9.665492065	1.432389173
ENSMUSG00000046500	9.196874066	6.260555194	3.530755239	5.638203705	7.87814045
ENSMUSG00000046518	13.44158517	6.956172438	4.943057334	3.221830688	6.445751277
ENSMUSG00000046523	31.12788146	62.60555194	56.49208382	72.49119049	65.88990194
ENSMUSG00000046532	6.367066661	1.391234488	2.824604191	2.416373016	0.716194586
ENSMUSG00000046541	58.71850365	102.9513521	96.0365425	94.23854763	85.94335036
ENSMUSG00000046546	65.08557032	73.0398106	69.90895373	97.46037832	100.2672421
ENSMUSG00000046550	3.537259256	2.782468975	2.118453143	1.610915344	2.148583759
ENSMUSG00000046556	41.73965922	37.56333116	50.13672439	53.96566403	52.99839939
ENSMUSG00000046561	7.074518513	8.347406925	8.473812573	4.832746033	5.013362104
ENSMUSG00000046562	19.10119998	30.60715873	36.71985448	43.49471429	35.09353473
ENSMUSG00000046573	29.71297775	54.95376226	40.95676077	41.88379895	49.41742646
ENSMUSG00000046585	6.367066661	6.956172438	6.35535943	5.638203705	10.02672421
ENSMUSG00000046589	7.781970364	4.869320706	9.179963621	4.02728836	7.87814045
ENSMUSG00000046593	10.61177777	9.043024169	4.943057334	2.416373016	8.594335036
ENSMUSG00000046607	4.244711108	5.56493795	2.824604191	4.02728836	7.161945863
ENSMUSG00000046615	4.952162959	5.56493795	6.35535943	0	4.297167518
ENSMUSG00000046618	7.781970364	6.260555194	12.00456781	4.832746033	7.87814045
ENSMUSG00000046623	4.952162959	2.782468975	8.473812573	8.054576721	2.864778345
ENSMUSG00000046637	9.904325918	5.56493795	4.943057334	7.249119049	5.013362104

ENSMUSG00000046668	60.13340736	76.51789682	80.50121945	31.41284921	34.37734014
ENSMUSG00000046675	27.5906222	43.12826911	50.13672439	82.15668255	81.64618284
ENSMUSG00000046676	5.65961481	9.043024169	6.35535943	3.221830688	7.161945863
ENSMUSG00000046678	11.31922962	4.173703463	11.29841676	4.832746033	7.161945863
ENSMUSG00000046687	3.537259256	10.43425866	9.886114669	3.221830688	7.161945863
ENSMUSG00000046694	3.537259256	5.56493795	8.473812573	4.832746033	7.161945863
ENSMUSG00000046707	55.1812444	73.73542784	82.61967259	94.23854763	96.68626916
ENSMUSG00000046714	8.489422215	11.1298759	4.236906287	6.443661377	7.161945863
ENSMUSG00000046716	5.65961481	3.478086219	6.35535943	2.416373016	4.297167518
ENSMUSG00000046718	14.14903703	26.43345526	27.53989086	86.98942859	59.44415067
ENSMUSG00000046719	11.31922962	6.956172438	7.061510478	8.054576721	4.297167518
ENSMUSG00000046723	9.904325918	4.173703463	7.767661525	8.054576721	2.148583759
ENSMUSG00000046731	8.489422215	9.738641413	7.767661525	9.665492065	16.47247549
ENSMUSG00000046733	4.952162959	6.260555194	12.00456781	8.860034393	5.729556691
ENSMUSG00000046743	11.31922962	4.869320706	4.236906287	6.443661377	5.729556691
ENSMUSG00000046748	11.31922962	5.56493795	9.179963621	6.443661377	6.445751277
ENSMUSG00000046755	9.904325918	3.478086219	7.061510478	4.02728836	6.445751277
ENSMUSG00000046785	45.27691848	63.30116918	73.43970897	186.0607223	151.8332523
ENSMUSG00000046791	14.85648888	37.56333116	36.01370344	99.87675134	73.76804239
ENSMUSG00000046792	55.88869625	73.73542784	67.08434954	120.0131931	94.5376854
ENSMUSG00000046793	7.781970364	8.347406925	9.179963621	7.249119049	6.445751277
ENSMUSG00000046794	4.952162959	5.56493795	4.943057334	3.221830688	6.445751277
ENSMUSG00000046805	29.71297775	38.95456565	34.60140134	165.1188228	88.09193412
ENSMUSG00000046811	10.61177777	11.1298759	9.179963621	7.249119049	9.310529622
ENSMUSG00000046814	8.489422215	3.478086219	7.061510478	4.02728836	3.580972932
ENSMUSG00000046818	5.65961481	6.260555194	2.118453143	4.02728836	4.297167518
ENSMUSG00000046826	10.61177777	9.043024169	12.00456781	4.832746033	8.594335036
ENSMUSG00000046828	5.65961481	7.651789682	7.061510478	5.638203705	7.161945863
ENSMUSG00000046834	6.367066661	7.651789682	2.118453143	6.443661377	9.310529622
ENSMUSG00000046841	16.27139258	22.95536904	23.30298458	37.05105292	32.94495097
ENSMUSG00000046844	7.781970364	3.478086219	7.061510478	7.249119049	3.580972932
ENSMUSG00000046845	9.196874066	9.043024169	4.943057334	3.221830688	5.013362104
ENSMUSG00000046846	9.904325918	11.1298759	9.886114669	7.249119049	7.87814045
ENSMUSG00000046861	21.93100739	33.3896277	28.24604191	12.08186508	29.36397804
ENSMUSG00000046865	54.47379255	82.08283477	70.61510478	272.2446932	209.1288192
ENSMUSG00000046879	92.67619252	127.9935729	112.2780166	364.0668678	223.4527109
ENSMUSG00000046886	12.02668147	16.69481385	10.59226572	4.02728836	7.87814045
ENSMUSG00000046899	7.074518513	9.043024169	6.35535943	4.02728836	4.297167518
ENSMUSG00000046908	14.14903703	10.43425866	5.649208382	4.832746033	6.445751277
ENSMUSG00000046909	19.10119998	23.65098629	28.24604191	41.88379895	49.41742646
ENSMUSG00000046916	9.904325918	6.260555194	8.473812573	4.832746033	5.729556691
ENSMUSG00000046922	4.952162959	6.956172438	11.29841676	4.832746033	2.148583759
ENSMUSG00000046934	7.781970364	6.260555194	9.886114669	6.443661377	4.297167518

ENSMUSG00000046957	9.904325918	6.260555194	12.00456781	4.832746033	13.60769714
ENSMUSG00000046961	12.73413332	9.738641413	9.179963621	3.221830688	2.864778345
ENSMUSG00000046971	12.73413332	6.956172438	10.59226572	10.47094974	8.594335036
ENSMUSG00000046974	12.02668147	9.738641413	14.829172	7.249119049	7.161945863
ENSMUSG00000046994	30.4204296	47.99758982	42.36906287	115.9859048	91.67290705
ENSMUSG00000046997	9.196874066	6.260555194	7.061510478	10.47094974	2.864778345
ENSMUSG00000046999	7.781970364	9.043024169	9.179963621	64.43661377	33.66114556
ENSMUSG00000047014	7.781970364	6.956172438	8.473812573	9.665492065	7.161945863
ENSMUSG00000047025	5.65961481	4.869320706	6.35535943	4.02728836	5.729556691
ENSMUSG00000047026	7.781970364	8.347406925	7.061510478	10.47094974	12.17530797
ENSMUSG00000047033	10.61177777	9.738641413	12.00456781	7.249119049	5.729556691
ENSMUSG00000047034	10.61177777	9.738641413	8.473812573	7.249119049	6.445751277
ENSMUSG00000047037	7.074518513	6.956172438	5.649208382	4.832746033	7.161945863
ENSMUSG00000047040	6.367066661	6.956172438	12.71071886	5.638203705	5.729556691
ENSMUSG00000047044	53.7663407	63.99678643	76.97046421	153.0369577	114.5911338
ENSMUSG00000047053	8.489422215	7.651789682	7.061510478	4.02728836	5.013362104
ENSMUSG00000047067	12.73413332	18.78166558	19.77222934	14.4982381	20.769643
ENSMUSG00000047079	5.65961481	4.173703463	1.412302096	2.416373016	2.148583759
ENSMUSG00000047084	41.03220737	54.95376226	50.84287544	90.21125927	83.07857202
ENSMUSG00000047094	9.904325918	8.347406925	4.943057334	6.443661377	5.729556691
ENSMUSG00000047108	33.25023701	57.73623123	54.37363068	43.49471429	56.57937232
ENSMUSG00000047123	36.08004441	68.17048989	53.66747963	178.8116032	129.6312201
ENSMUSG00000047139	138.6605628	125.2111039	143.3486627	95.04400531	81.64618284
ENSMUSG00000047141	14.14903703	9.738641413	11.29841676	4.832746033	7.87814045
ENSMUSG00000047143	5.65961481	5.56493795	1.412302096	6.443661377	4.297167518
ENSMUSG00000047150	9.904325918	4.869320706	5.649208382	2.416373016	11.45911338
ENSMUSG00000047153	18.39374813	25.04222078	28.95219296	39.46742593	32.94495097
ENSMUSG00000047171	7.781970364	5.56493795	7.061510478	5.638203705	3.580972932
ENSMUSG00000047180	63.67066661	76.51789682	79.08891735	45.91108731	58.01176149
ENSMUSG00000047182	6.367066661	11.1298759	15.53532305	7.249119049	10.02672421
ENSMUSG00000047187	84.89422215	111.298759	96.0365425	136.9278043	93.82149081
ENSMUSG00000047207	9.196874066	11.1298759	12.71071886	11.27640741	6.445751277
ENSMUSG00000047216	10.61177777	4.869320706	5.649208382	5.638203705	4.297167518
ENSMUSG00000047220	3.537259256	4.869320706	2.118453143	4.832746033	2.148583759
ENSMUSG00000047221	13.44158517	23.65098629	32.4829482	46.71654498	25.78300511
ENSMUSG00000047222	12.73413332	6.260555194	7.767661525	4.832746033	11.45911338
ENSMUSG00000047227	7.074518513	11.1298759	12.00456781	6.443661377	10.7429188
ENSMUSG00000047228	9.904325918	10.43425866	7.767661525	11.27640741	4.297167518
ENSMUSG00000047230	4.244711108	4.869320706	0.706151048	7.249119049	3.580972932
ENSMUSG00000047238	2.829807405	2.782468975	4.943057334	1.610915344	0.716194586
ENSMUSG00000047246	0	0	0	0	0
ENSMUSG00000047253	6.367066661	4.173703463	4.236906287	0.805457672	3.580972932
ENSMUSG00000047259	8.489422215	10.43425866	5.649208382	4.02728836	4.297167518



ENSMUSG00000047260	85.601674	109.2119073	103.098053	163.5079074	144.6713064
ENSMUSG00000047261	10.61177777	4.869320706	9.179963621	5.638203705	5.013362104
ENSMUSG00000047264	9.196874066	21.56413456	13.41686991	8.860034393	10.7429188
ENSMUSG00000047281	10.61177777	11.1298759	15.53532305	16.91461111	10.02672421
ENSMUSG00000047286	9.904325918	9.738641413	4.943057334	2.416373016	10.7429188
ENSMUSG00000047298	9.196874066	7.651789682	7.767661525	5.638203705	4.297167518
ENSMUSG00000047307	12.73413332	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG00000047330	7.074518513	4.869320706	5.649208382	1.610915344	9.310529622
ENSMUSG00000047343	4.244711108	5.56493795	2.118453143	0.805457672	2.864778345
ENSMUSG00000047344	1.414903703	3.478086219	0.706151048	4.02728836	5.013362104
ENSMUSG00000047352	10.61177777	4.173703463	10.59226572	7.249119049	9.310529622
ENSMUSG00000047356	6.367066661	6.260555194	7.061510478	2.416373016	10.7429188
ENSMUSG00000047363	14.14903703	14.60796212	16.2414741	17.72006879	17.90486466
ENSMUSG00000047368	163.4213776	236.5098629	175.1254598	327.0158149	245.6547431
ENSMUSG00000047371	2.122355554	4.869320706	11.29841676	6.443661377	10.02672421
ENSMUSG00000047379	5.65961481	12.52111039	13.41686991	4.02728836	9.310529622
ENSMUSG00000047390	12.02668147	3.478086219	5.649208382	10.47094974	4.297167518
ENSMUSG00000047394	2.122355554	2.086851731	2.118453143	1.610915344	4.297167518
ENSMUSG00000047414	4.952162959	4.869320706	4.943057334	3.221830688	5.729556691
ENSMUSG00000047419	6.367066661	13.21672763	7.061510478	8.860034393	4.297167518
ENSMUSG00000047420	5.65961481	5.56493795	4.236906287	1.610915344	7.161945863
ENSMUSG00000047423	48.81417774	64.69240367	79.7950684	98.265836	71.61945863
ENSMUSG00000047441	9.904325918	8.347406925	9.886114669	7.249119049	6.445751277
ENSMUSG00000047466	112.4848444	148.8620902	134.1686991	159.4806191	134.6445822
ENSMUSG00000047492	5.65961481	9.738641413	11.29841676	8.860034393	8.594335036
ENSMUSG00000047496	5.65961481	4.869320706	5.649208382	3.221830688	6.445751277
ENSMUSG00000047497	5.65961481	6.260555194	9.179963621	5.638203705	6.445751277
ENSMUSG00000047501	7.781970364	4.869320706	9.179963621	4.02728836	7.161945863
ENSMUSG00000047508	5.65961481	3.478086219	9.179963621	5.638203705	11.45911338
ENSMUSG00000047511	15.56394073	6.956172438	7.061510478	13.69278043	10.02672421
ENSMUSG00000047514	132.2934962	187.8166558	160.2962878	136.9278043	121.0368851
ENSMUSG00000047515	41.03220737	55.6493795	54.37363068	107.1258704	91.67290705
ENSMUSG00000047518	5.65961481	8.347406925	11.29841676	3.221830688	5.013362104
ENSMUSG00000047531	7.074518513	2.782468975	6.35535943	4.832746033	6.445751277
ENSMUSG00000047539	29.71297775	67.47487265	54.37363068	54.7711217	72.33565322
ENSMUSG00000047557	14.14903703	18.08604834	23.30298458	13.69278043	26.49919969
ENSMUSG00000047562	2.829807405	4.173703463	8.473812573	6.443661377	9.310529622
ENSMUSG00000047564	7.074518513	6.260555194	5.649208382	8.860034393	3.580972932
ENSMUSG00000047565	3.537259256	8.347406925	3.530755239	4.832746033	3.580972932
ENSMUSG00000047583	12.02668147	16.69481385	14.829172	11.27640741	13.60769714
ENSMUSG00000047586	5.65961481	5.56493795	11.29841676	5.638203705	3.580972932
ENSMUSG00000047603	16.27139258	27.12907251	24.71528667	20.94189947	17.90486466
ENSMUSG00000047604	16.27139258	24.34660353	31.0706461	7.249119049	15.7562809

ENSMUSG00000047606	7.074518513	6.956172438	9.886114669	4.02728836	5.013362104
ENSMUSG00000047619	12.02668147	9.043024169	11.29841676	6.443661377	4.297167518
ENSMUSG00000047631	8.489422215	12.52111039	10.59226572	5.638203705	12.17530797
ENSMUSG00000047635	29.0055259	48.69320706	38.83830763	80.54576721	83.7947666
ENSMUSG00000047636	5.65961481	3.478086219	7.061510478	8.860034393	9.310529622
ENSMUSG00000047641	6.367066661	4.869320706	6.35535943	4.02728836	10.02672421
ENSMUSG00000047649	6.367066661	18.08604834	14.829172	39.46742593	25.78300511
ENSMUSG00000047654	40.32475552	79.30036579	60.02283906	67.65844446	72.33565322
ENSMUSG00000047656	10.61177777	9.043024169	16.2414741	13.69278043	13.60769714
ENSMUSG00000047658	15.56394073	15.30357936	21.18453143	8.054576721	8.594335036
ENSMUSG00000047667	7.074518513	6.956172438	7.767661525	4.832746033	5.013362104
ENSMUSG00000047669	6.367066661	12.52111039	10.59226572	3.221830688	2.864778345
ENSMUSG00000047671	7.074518513	8.347406925	4.943057334	19.33098413	22.91822676
ENSMUSG00000047674	14.14903703	8.347406925	11.29841676	4.02728836	7.87814045
ENSMUSG00000047678	4.244711108	5.56493795	4.943057334	4.832746033	4.297167518
ENSMUSG00000047686	2.829807405	4.869320706	2.824604191	4.832746033	2.148583759
ENSMUSG00000047710	45.27691848	61.9099347	55.07978173	106.3204127	92.38910164
ENSMUSG00000047712	4.952162959	4.173703463	9.886114669	4.02728836	6.445751277
ENSMUSG00000047719	6.367066661	13.91234488	7.767661525	6.443661377	11.45911338
ENSMUSG00000047720	9.196874066	6.260555194	3.530755239	8.054576721	12.17530797
ENSMUSG00000047721	24.76081479	39.6501829	38.83830763	127.2623122	85.94335036
ENSMUSG00000047749	7.781970364	5.56493795	9.179963621	4.832746033	10.02672421
ENSMUSG00000047751	7.781970364	4.173703463	9.179963621	6.443661377	4.297167518
ENSMUSG00000047759	4.244711108	9.738641413	4.236906287	3.221830688	5.729556691
ENSMUSG00000047777	16.97884443	15.30357936	21.89068248	18.52552646	15.7562809
ENSMUSG00000047787	4.244711108	11.1298759	8.473812573	4.832746033	13.60769714
ENSMUSG00000047789	30.4204296	52.17129328	48.7244223	30.60739154	36.5259239
ENSMUSG00000047794	10.61177777	4.173703463	9.886114669	6.443661377	4.297167518
ENSMUSG00000047810	17.68629628	30.60715873	28.95219296	43.49471429	37.24211849
ENSMUSG00000047819	7.074518513	9.738641413	11.29841676	3.221830688	3.580972932
ENSMUSG00000047822	12.02668147	2.782468975	6.35535943	5.638203705	12.89150255
ENSMUSG00000047832	60.84085921	86.95215547	70.61510478	323.7939842	233.4794351
ENSMUSG00000047841	4.952162959	16.69481385	14.829172	4.832746033	9.310529622
ENSMUSG00000047842	11.31922962	22.95536904	16.2414741	8.054576721	15.04008631
ENSMUSG00000047844	2.122355554	2.782468975	4.943057334	3.221830688	3.580972932
ENSMUSG00000047854	12.02668147	5.56493795	10.59226572	4.832746033	7.87814045
ENSMUSG00000047861	10.61177777	12.52111039	12.00456781	8.860034393	6.445751277
ENSMUSG00000047875	5.65961481	6.956172438	2.824604191	18.52552646	12.89150255
ENSMUSG00000047884	7.781970364	3.478086219	9.179963621	8.054576721	5.013362104
ENSMUSG00000047888	53.7663407	91.12585893	83.32582364	46.71654498	55.86317773
ENSMUSG00000047889	12.73413332	4.869320706	8.473812573	4.02728836	7.87814045
ENSMUSG00000047898	11.31922962	3.478086219	6.35535943	12.08186508	10.7429188
ENSMUSG00000047904	6.367066661	4.173703463	6.35535943	5.638203705	8.594335036

ENSMUSG00000047910	16.97884443	7.651789682	6.35535943	5.638203705	7.87814045
ENSMUSG00000047911	33.95768886	34.08524495	22.59683353	35.44013757	32.22875639
ENSMUSG00000047945	13.44158517	18.08604834	20.47838039	62.02024075	58.72795608
ENSMUSG00000047953	8.489422215	6.956172438	9.179963621	6.443661377	5.729556691
ENSMUSG00000047959	19.10119998	36.86771392	35.30755239	46.71654498	33.66114556
ENSMUSG00000047960	3.537259256	6.956172438	2.824604191	3.221830688	4.297167518
ENSMUSG00000047963	3.537259256	3.478086219	4.943057334	4.832746033	10.02672421
ENSMUSG00000047976	12.73413332	4.869320706	4.236906287	4.832746033	7.161945863
ENSMUSG00000047977	7.074518513	7.651789682	13.41686991	8.860034393	6.445751277
ENSMUSG00000047980	9.196874066	4.869320706	5.649208382	4.02728836	7.87814045
ENSMUSG00000047988	3.537259256	5.56493795	4.943057334	8.054576721	5.013362104
ENSMUSG00000047990	9.196874066	4.173703463	3.530755239	10.47094974	6.445751277
ENSMUSG00000047995	4.952162959	4.869320706	5.649208382	4.02728836	7.87814045
ENSMUSG00000048001	19.80865184	29.91154148	24.71528667	53.96566403	41.53928601
ENSMUSG00000048007	12.02668147	27.12907251	18.35992724	64.43661377	55.86317773
ENSMUSG00000048013	9.196874066	3.478086219	8.473812573	5.638203705	8.594335036
ENSMUSG00000048015	6.367066661	7.651789682	8.473812573	3.221830688	6.445751277
ENSMUSG00000048027	14.14903703	22.2597518	15.53532305	29.80193387	27.21539428
ENSMUSG00000048038	11.31922962	3.478086219	9.179963621	9.665492065	7.87814045
ENSMUSG00000048039	90.55383696	123.8198694	121.4579802	268.2174048	206.2640409
ENSMUSG00000048040	1.414903703	5.56493795	3.530755239	3.221830688	5.013362104
ENSMUSG00000048047	58.71850365	90.43024169	67.08434954	117.5968201	91.67290705
ENSMUSG00000048065	8.489422215	8.347406925	8.473812573	5.638203705	10.02672421
ENSMUSG00000048067	7.781970364	9.738641413	6.35535943	5.638203705	10.02672421
ENSMUSG00000048070	6.367066661	6.260555194	4.236906287	4.832746033	7.161945863
ENSMUSG00000048077	7.781970364	4.173703463	5.649208382	6.443661377	5.013362104
ENSMUSG00000048087	9.904325918	9.738641413	7.061510478	6.443661377	8.594335036
ENSMUSG00000048096	11.31922962	6.260555194	9.886114669	7.249119049	8.594335036
ENSMUSG00000048101	9.904325918	12.52111039	7.767661525	4.832746033	3.580972932
ENSMUSG00000048138	4.952162959	11.82549314	8.473812573	0.805457672	5.729556691
ENSMUSG00000048142	7.074518513	6.260555194	4.943057334	7.249119049	10.02672421
ENSMUSG00000048153	12.73413332	6.260555194	7.767661525	8.054576721	6.445751277
ENSMUSG00000048155	2.829807405	2.782468975	1.412302096	0.805457672	1.432389173
ENSMUSG00000048174	9.196874066	10.43425866	12.00456781	10.47094974	12.17530797
ENSMUSG00000048206	7.781970364	3.478086219	5.649208382	2.416373016	6.445751277
ENSMUSG00000048218	24.76081479	42.43265187	36.71985448	119.2077355	98.83485292
ENSMUSG00000048222	89.13893326	127.9935729	130.6379438	112.7640741	108.8615771
ENSMUSG00000048230	12.02668147	7.651789682	4.236906287	4.832746033	5.729556691
ENSMUSG00000048236	2.829807405	5.56493795	5.649208382	3.221830688	6.445751277
ENSMUSG00000048281	9.196874066	5.56493795	4.943057334	4.832746033	5.013362104
ENSMUSG00000048285	4.244711108	20.86851731	9.179963621	11.27640741	15.7562809
ENSMUSG00000048294	9.196874066	5.56493795	5.649208382	4.02728836	7.87814045
ENSMUSG00000048299	7.781970364	5.56493795	7.767661525	4.832746033	5.729556691

ENSMUSG00000048304	9.904325918	6.260555194	7.061510478	3.221830688	3.580972932
ENSMUSG00000048307	18.39374813	38.95456565	24.71528667	22.55281482	26.49919969
ENSMUSG00000048310	36.78749627	63.99678643	51.54902649	44.30017197	48.70123187
ENSMUSG00000048312	7.781970364	6.956172438	11.29841676	7.249119049	6.445751277
ENSMUSG00000048327	38.20239997	41.73703463	28.95219296	58.79841006	48.70123187
ENSMUSG00000048329	9.196874066	6.260555194	8.473812573	6.443661377	3.580972932
ENSMUSG00000048337	10.61177777	4.869320706	5.649208382	6.443661377	2.864778345
ENSMUSG00000048347	8.489422215	5.56493795	5.649208382	3.221830688	6.445751277
ENSMUSG00000048349	7.074518513	6.260555194	9.179963621	8.054576721	4.297167518
ENSMUSG00000048355	4.952162959	11.1298759	3.530755239	2.416373016	0
ENSMUSG00000048356	7.781970364	6.956172438	1.412302096	4.02728836	10.7429188
ENSMUSG00000048368	2.122355554	6.956172438	9.179963621	5.638203705	8.594335036
ENSMUSG00000048371	26.88317035	31.99839321	23.30298458	53.96566403	46.55264811
ENSMUSG00000048373	12.02668147	10.43425866	6.35535943	7.249119049	5.013362104
ENSMUSG00000048376	4.952162959	6.260555194	7.767661525	5.638203705	7.161945863
ENSMUSG00000048377	5.65961481	4.173703463	6.35535943	8.860034393	6.445751277
ENSMUSG00000048379	128.7562369	148.8620902	141.2302096	252.913709	192.6563437
ENSMUSG00000048385	9.904325918	6.260555194	5.649208382	7.249119049	8.594335036
ENSMUSG00000048387	9.196874066	12.52111039	7.061510478	4.832746033	4.297167518
ENSMUSG00000048388	6.367066661	6.260555194	8.473812573	7.249119049	10.7429188
ENSMUSG00000048391	8.489422215	5.56493795	6.35535943	8.054576721	6.445751277
ENSMUSG00000048398	12.02668147	9.043024169	2.824604191	5.638203705	7.87814045
ENSMUSG00000048399	5.65961481	6.956172438	2.118453143	4.832746033	8.594335036
ENSMUSG00000048411	10.61177777	10.43425866	6.35535943	8.054576721	4.297167518
ENSMUSG00000048425	7.074518513	9.043024169	8.473812573	4.832746033	4.297167518
ENSMUSG00000048445	12.02668147	13.91234488	14.12302096	15.30369577	7.161945863
ENSMUSG00000048455	8.489422215	6.956172438	9.179963621	4.02728836	5.013362104
ENSMUSG00000048458	11.31922962	11.1298759	7.767661525	18.52552646	17.90486466
ENSMUSG00000048478	42.447111108	60.51870021	64.96589639	66.04752911	63.0251236
ENSMUSG00000048480	4.952162959	7.651789682	7.767661525	4.832746033	8.594335036
ENSMUSG00000048486	14.85648888	26.43345526	22.59683353	24.16373016	31.5125618
ENSMUSG00000048498	7.781970364	7.651789682	2.824604191	5.638203705	10.02672421
ENSMUSG00000048500	11.31922962	9.738641413	5.649208382	1.610915344	2.864778345
ENSMUSG00000048501	6.367066661	2.782468975	5.649208382	2.416373016	3.580972932
ENSMUSG00000048503	12.02668147	9.738641413	11.29841676	5.638203705	10.02672421
ENSMUSG00000048516	4.952162959	8.347406925	4.943057334	4.832746033	6.445751277
ENSMUSG00000048521	16.27139258	18.08604834	16.94762515	6.443661377	11.45911338
ENSMUSG00000048528	6.367066661	4.869320706	7.767661525	6.443661377	9.310529622
ENSMUSG00000048534	27.5906222	41.04141738	25.42143772	10.47094974	20.05344842
ENSMUSG00000048540	14.14903703	7.651789682	7.767661525	4.02728836	5.729556691
ENSMUSG00000048546	19.10119998	15.30357936	21.89068248	23.35827249	20.05344842
ENSMUSG00000048562	7.074518513	9.043024169	7.767661525	7.249119049	5.013362104
ENSMUSG00000048572	6.367066661	7.651789682	15.53532305	9.665492065	10.02672421

ENSMUSG00000048573	4.952162959	4.173703463	1.412302096	2.416373016	2.148583759
ENSMUSG00000048582	9.196874066	7.651789682	7.767661525	5.638203705	6.445751277
ENSMUSG00000048602	4.244711108	5.56493795	5.649208382	8.054576721	10.7429188
ENSMUSG00000048616	5.65961481	6.956172438	9.179963621	7.249119049	2.864778345
ENSMUSG00000048621	8.489422215	47.30197258	28.24604191	16.10915344	22.20203218
ENSMUSG00000048626	9.196874066	5.56493795	4.236906287	4.832746033	10.7429188
ENSMUSG00000048636	11.31922962	5.56493795	9.886114669	4.832746033	5.013362104
ENSMUSG00000048644	8.489422215	12.52111039	9.179963621	12.88732275	12.89150255
ENSMUSG00000048647	43.15456293	71.64857611	59.31668801	44.30017197	44.40406435
ENSMUSG00000048677	30.4204296	32.69401046	51.54902649	29.80193387	41.53928601
ENSMUSG00000048686	6.367066661	5.56493795	4.236906287	8.860034393	9.310529622
ENSMUSG00000048699	9.196874066	7.651789682	5.649208382	5.638203705	9.310529622
ENSMUSG00000048703	15.56394073	12.52111039	13.41686991	4.02728836	12.89150255
ENSMUSG00000048706	7.781970364	9.043024169	6.35535943	5.638203705	5.013362104
ENSMUSG00000048707	12.02668147	16.69481385	24.00913562	37.05105292	39.39070225
ENSMUSG00000048720	12.02668147	18.08604834	12.71071886	15.30369577	22.20203218
ENSMUSG00000048721	26.1757185	43.82388636	32.4829482	24.16373016	26.49919969
ENSMUSG00000048732	107.5326814	157.9051143	147.585569	157.8697037	126.7664418
ENSMUSG00000048745	12.02668147	4.173703463	4.943057334	7.249119049	6.445751277
ENSMUSG00000048752	11.31922962	4.869320706	6.35535943	3.221830688	10.02672421
ENSMUSG00000048755	12.02668147	32.69401046	13.41686991	24.96918783	24.35061594
ENSMUSG00000048766	11.31922962	7.651789682	7.767661525	8.054576721	6.445751277
ENSMUSG00000048776	13.44158517	6.260555194	4.236906287	3.221830688	6.445751277
ENSMUSG00000048779	9.196874066	6.260555194	16.2414741	11.27640741	5.729556691
ENSMUSG00000048796	30.4204296	50.7800588	48.7244223	33.02376456	38.67450766
ENSMUSG00000048799	84.1867703	121.0374004	102.3919019	66.04752911	61.59273443
ENSMUSG00000048807	4.244711108	8.347406925	13.41686991	5.638203705	6.445751277
ENSMUSG00000048826	8.489422215	4.869320706	5.649208382	3.221830688	6.445751277
ENSMUSG00000048830	7.781970364	10.43425866	6.35535943	4.832746033	7.161945863
ENSMUSG00000048832	37.49494812	68.17048989	56.49208382	58.79841006	66.60609653
ENSMUSG00000048833	83.47931845	127.9935729	112.9841676	202.9753334	204.1154571
ENSMUSG00000048856	3.537259256	2.782468975	7.061510478	2.416373016	7.87814045
ENSMUSG00000048875	12.73413332	6.956172438	8.473812573	1.610915344	5.013362104
ENSMUSG00000048878	24.76081479	36.17209668	43.78136496	61.21478308	48.70123187
ENSMUSG00000048899	11.31922962	12.52111039	7.061510478	7.249119049	5.013362104
ENSMUSG00000048904	7.074518513	5.56493795	2.824604191	8.054576721	6.445751277
ENSMUSG00000048905	13.44158517	6.260555194	10.59226572	11.27640741	8.594335036
ENSMUSG00000048920	152.102148	178.0780144	184.3054235	255.3300821	204.8316517
ENSMUSG00000048933	8.489422215	8.347406925	7.767661525	4.832746033	5.013362104
ENSMUSG00000048965	21.22355554	37.56333116	47.3121202	28.9964762	25.78300511
ENSMUSG00000048970	24.05336294	47.30197258	38.13215658	32.21830688	41.53928601
ENSMUSG00000048981	13.44158517	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG00000048982	11.31922962	5.56493795	10.59226572	8.860034393	5.729556691

ENSMUSG00000048988	9.904325918	5.56493795	4.943057334	3.221830688	6.445751277
ENSMUSG00000048992	8.489422215	4.869320706	12.00456781	7.249119049	6.445751277
ENSMUSG00000048994	6.367066661	2.782468975	3.530755239	3.221830688	2.148583759
ENSMUSG00000048996	9.196874066	5.56493795	5.649208382	3.221830688	8.594335036
ENSMUSG00000049001	6.367066661	4.869320706	7.061510478	6.443661377	7.161945863
ENSMUSG00000049008	7.781970364	6.956172438	7.767661525	8.054576721	6.445751277
ENSMUSG00000049028	15.56394073	10.43425866	6.35535943	11.27640741	6.445751277
ENSMUSG00000049036	4.952162959	4.173703463	8.473812573	4.832746033	5.013362104
ENSMUSG00000049037	4.952162959	10.43425866	5.649208382	2.416373016	7.161945863
ENSMUSG00000049038	27.5906222	36.86771392	33.18909925	28.9964762	20.05344842
ENSMUSG00000049041	10.61177777	5.56493795	9.179963621	4.832746033	11.45911338
ENSMUSG00000049052	8.489422215	4.869320706	10.59226572	6.443661377	5.013362104
ENSMUSG00000049057	11.31922962	4.173703463	4.943057334	2.416373016	10.7429188
ENSMUSG00000049073	9.904325918	6.260555194	6.35535943	2.416373016	3.580972932
ENSMUSG00000049076	49.52162959	71.64857611	81.91352154	104.7094974	75.20043157
ENSMUSG00000049086	24.05336294	30.60715873	24.71528667	24.96918783	25.78300511
ENSMUSG00000049090	38.90985182	45.91073809	50.13672439	52.35474869	61.59273443
ENSMUSG00000049093	7.074518513	10.43425866	8.473812573	6.443661377	5.013362104
ENSMUSG00000049097	12.02668147	8.347406925	9.886114669	8.860034393	5.729556691
ENSMUSG00000049098	12.02668147	7.651789682	5.649208382	8.054576721	6.445751277
ENSMUSG00000049106	16.27139258	22.2597518	24.71528667	54.7711217	41.53928601
ENSMUSG00000049112	8.489422215	7.651789682	5.649208382	9.665492065	8.594335036
ENSMUSG00000049128	9.196874066	9.043024169	7.061510478	4.832746033	6.445751277
ENSMUSG00000049130	7.781970364	4.173703463	7.061510478	4.02728836	8.594335036
ENSMUSG00000049148	12.73413332	6.260555194	11.29841676	5.638203705	4.297167518
ENSMUSG00000049149	10.61177777	4.173703463	9.179963621	3.221830688	10.02672421
ENSMUSG00000049164	0	0	0	0	0.716194586
ENSMUSG00000049168	15.56394073	6.260555194	10.59226572	5.638203705	7.87814045
ENSMUSG00000049173	7.074518513	5.56493795	7.767661525	6.443661377	5.013362104
ENSMUSG00000049184	26.88317035	47.99758982	37.42600553	26.58010318	39.39070225
ENSMUSG00000049232	22.63845924	40.34580014	40.95676077	36.24559524	40.10689684
ENSMUSG00000049233	12.73413332	6.260555194	5.649208382	6.443661377	5.729556691
ENSMUSG00000049241	6.367066661	6.260555194	9.886114669	8.054576721	5.729556691
ENSMUSG00000049265	9.196874066	3.478086219	6.35535943	4.02728836	5.013362104
ENSMUSG00000049280	7.074518513	10.43425866	5.649208382	7.249119049	7.87814045
ENSMUSG00000049285	5.65961481	7.651789682	9.179963621	8.054576721	10.02672421
ENSMUSG00000049287	16.27139258	20.86851731	26.12758877	19.33098413	21.48583759
ENSMUSG00000049288	7.074518513	6.956172438	3.530755239	2.416373016	10.7429188
ENSMUSG00000049291	7.781970364	2.782468975	7.767661525	4.02728836	6.445751277
ENSMUSG00000049305	45.98437033	81.38721752	60.72899011	107.1258704	76.63282074
ENSMUSG00000049307	3.537259256	4.869320706	8.473812573	8.054576721	6.445751277
ENSMUSG00000049313	154.9319554	175.2955454	151.1163242	142.566008	99.5510475
ENSMUSG00000049315	6.367066661	8.347406925	5.649208382	6.443661377	6.445751277

ENSMUSG00000049323	142.1978221	182.2517179	188.5423298	240.0263863	201.2506788
ENSMUSG00000049334	10.61177777	5.56493795	8.473812573	7.249119049	6.445751277
ENSMUSG00000049349	8.489422215	6.956172438	7.767661525	4.832746033	8.594335036
ENSMUSG00000049350	4.952162959	7.651789682	8.473812573	6.443661377	3.580972932
ENSMUSG00000049354	126.6338814	150.9489419	151.8224753	183.6443492	158.9951982
ENSMUSG00000049362	9.196874066	7.651789682	7.061510478	7.249119049	5.013362104
ENSMUSG00000049382	7.781970364	6.956172438	6.35535943	8.860034393	2.148583759
ENSMUSG00000049396	14.85648888	27.82468975	24.00913562	72.49119049	67.32229112
ENSMUSG00000049409	10.61177777	4.869320706	8.473812573	8.054576721	4.297167518
ENSMUSG00000049420	7.781970364	7.651789682	6.35535943	3.221830688	3.580972932
ENSMUSG00000049422	60.84085921	53.56252777	45.19366706	23.35827249	21.48583759
ENSMUSG00000049436	7.074518513	8.347406925	5.649208382	6.443661377	9.310529622
ENSMUSG00000049456	9.904325918	11.82549314	4.236906287	5.638203705	7.87814045
ENSMUSG00000049489	10.61177777	11.82549314	12.00456781	43.49471429	32.22875639
ENSMUSG00000049498	7.781970364	8.347406925	4.943057334	2.416373016	5.013362104
ENSMUSG00000049506	7.074518513	4.173703463	6.35535943	6.443661377	5.729556691
ENSMUSG00000049511	7.781970364	9.738641413	4.943057334	3.221830688	2.148583759
ENSMUSG00000049516	97.62835547	123.1242521	115.1026208	86.98942859	68.0384857
ENSMUSG00000049517	31.12788146	57.73623123	40.95676077	136.9278043	88.80812871
ENSMUSG00000049521	7.781970364	6.956172438	3.530755239	3.221830688	5.729556691
ENSMUSG00000049526	13.44158517	14.60796212	12.00456781	15.30369577	12.17530797
ENSMUSG00000049528	7.074518513	11.1298759	13.41686991	7.249119049	5.729556691
ENSMUSG00000049530	6.367066661	9.043024169	5.649208382	4.02728836	5.729556691
ENSMUSG00000049536	4.952162959	2.086851731	2.824604191	1.610915344	1.432389173
ENSMUSG00000049548	2.829807405	3.478086219	5.649208382	4.02728836	7.87814045
ENSMUSG00000049551	5.65961481	10.43425866	7.061510478	9.665492065	8.594335036
ENSMUSG00000049556	5.65961481	5.56493795	4.943057334	4.832746033	7.161945863
ENSMUSG00000049560	11.31922962	5.56493795	10.59226572	3.221830688	5.729556691
ENSMUSG00000049561	2.829807405	4.869320706	7.061510478	2.416373016	6.445751277
ENSMUSG00000049562	45.98437033	51.47567604	50.13672439	35.44013757	44.40406435
ENSMUSG00000049573	6.367066661	9.043024169	4.236906287	7.249119049	3.580972932
ENSMUSG00000049593	9.904325918	11.1298759	11.29841676	4.832746033	7.161945863
ENSMUSG00000049598	5.65961481	7.651789682	5.649208382	9.665492065	5.729556691
ENSMUSG00000049600	23.34591109	20.17290007	24.71528667	27.38556085	27.93158887
ENSMUSG00000049604	8.489422215	4.869320706	6.35535943	14.4982381	5.013362104
ENSMUSG00000049605	8.489422215	7.651789682	7.061510478	8.054576721	4.297167518
ENSMUSG00000049608	3.537259256	8.347406925	7.767661525	34.6346799	35.09353473
ENSMUSG00000049618	11.31922962	6.260555194	7.767661525	3.221830688	2.864778345
ENSMUSG00000049620	8.489422215	8.347406925	5.649208382	4.02728836	7.87814045
ENSMUSG00000049625	15.56394073	11.1298759	13.41686991	13.69278043	12.89150255
ENSMUSG00000049630	12.02668147	4.173703463	8.473812573	4.02728836	5.013362104
ENSMUSG00000049648	9.196874066	6.956172438	9.179963621	4.02728836	9.310529622
ENSMUSG00000049649	7.781970364	9.043024169	4.236906287	6.443661377	6.445751277

ENSMUSG00000049653	9.904325918	9.043024169	1.412302096	7.249119049	5.013362104
ENSMUSG00000049657	62.25576291	89.73462445	72.02740687	121.6241085	118.8883013
ENSMUSG00000049670	12.02668147	8.347406925	7.767661525	6.443661377	3.580972932
ENSMUSG00000049687	2.122355554	0	2.118453143	2.416373016	2.148583759
ENSMUSG00000049691	3.537259256	3.478086219	5.649208382	7.249119049	3.580972932
ENSMUSG00000049692	2.122355554	0.695617244	2.824604191	1.610915344	2.148583759
ENSMUSG00000049699	9.904325918	5.56493795	11.29841676	10.47094974	7.87814045
ENSMUSG00000049709	16.97884443	22.95536904	12.00456781	14.4982381	17.90486466
ENSMUSG00000049717	60.13340736	85.56092098	78.3827663	48.32746033	66.60609653
ENSMUSG00000049734	36.08004441	45.21512085	53.66747963	168.3406535	106.7129934
ENSMUSG00000049751	67.91537772	105.7338211	86.15042783	255.3300821	213.4259867
ENSMUSG00000049760	32.54278516	50.7800588	56.49208382	71.68573282	58.01176149
ENSMUSG00000049764	61.54831106	71.64857611	50.13672439	298.8247963	208.4126246
ENSMUSG00000049791	2.829807405	5.56493795	8.473812573	3.221830688	6.445751277
ENSMUSG00000049792	66.50047402	93.21271067	88.26888097	132.9005159	112.4425501
ENSMUSG00000049796	7.781970364	11.82549314	8.473812573	3.221830688	5.013362104
ENSMUSG00000049804	2.122355554	2.782468975	1.412302096	2.416373016	6.445751277
ENSMUSG00000049809	5.65961481	13.21672763	5.649208382	7.249119049	6.445751277
ENSMUSG00000049815	4.952162959	1.391234488	5.649208382	3.221830688	2.864778345
ENSMUSG00000049823	13.44158517	25.04222078	21.89068248	28.9964762	25.06681052
ENSMUSG00000049848	9.196874066	8.347406925	7.767661525	10.47094974	11.45911338
ENSMUSG00000049858	7.074518513	17.39043109	10.59226572	6.443661377	10.7429188
ENSMUSG00000049872	4.952162959	7.651789682	9.886114669	8.860034393	9.310529622
ENSMUSG00000049882	46.69182218	73.0398106	77.67661525	126.4568545	90.24051788
ENSMUSG00000049892	9.196874066	9.043024169	11.29841676	19.33098413	10.7429188
ENSMUSG00000049902	6.367066661	7.651789682	7.767661525	5.638203705	9.310529622
ENSMUSG00000049904	12.73413332	13.21672763	15.53532305	8.860034393	14.32389173
ENSMUSG00000049907	4.244711108	4.869320706	7.767661525	6.443661377	4.297167518
ENSMUSG00000049908	9.196874066	9.043024169	9.179963621	3.221830688	10.02672421
ENSMUSG00000049922	29.71297775	39.6501829	50.13672439	43.49471429	46.55264811
ENSMUSG00000049929	4.952162959	2.086851731	2.118453143	1.610915344	2.148583759
ENSMUSG00000049932	62.25576291	58.43184848	50.13672439	152.2315	121.0368851
ENSMUSG00000049939	9.904325918	11.1298759	12.00456781	15.30369577	22.20203218
ENSMUSG00000049940	39.61730367	66.7792554	62.84744325	85.37851324	95.97007457
ENSMUSG00000049946	7.074518513	11.1298759	9.179963621	4.832746033	4.297167518
ENSMUSG00000049950	17.68629628	37.56333116	27.53989086	53.16020636	60.87653984
ENSMUSG00000049960	20.51610369	42.43265187	31.77679715	66.04752911	68.0384857
ENSMUSG00000049969	105.4103258	116.1680797	111.5718655	147.398754	114.5911338
ENSMUSG00000049972	12.73413332	5.56493795	6.35535943	4.02728836	7.87814045
ENSMUSG00000049988	12.73413332	9.738641413	15.53532305	20.1364418	15.7562809
ENSMUSG00000049999	3.537259256	2.782468975	5.649208382	3.221830688	5.729556691
ENSMUSG00000050010	5.65961481	7.651789682	4.236906287	6.443661377	5.729556691
ENSMUSG00000050014	4.244711108	9.043024169	7.767661525	8.860034393	7.87814045



ENSMUSG00000050028	14.85648888	7.651789682	7.061510478	6.443661377	3.580972932
ENSMUSG00000050029	15.56394073	25.73783802	35.30755239	41.88379895	33.66114556
ENSMUSG00000050035	14.85648888	20.86851731	31.77679715	36.24559524	35.09353473
ENSMUSG00000050058	0	0	0	0	0
ENSMUSG00000050069	5.65961481	6.260555194	5.649208382	4.832746033	7.87814045
ENSMUSG00000050071	2.122355554	4.173703463	2.824604191	2.416373016	5.729556691
ENSMUSG00000050075	78.52715549	127.9935729	108.7472614	124.0404815	116.023523
ENSMUSG00000050088	22.63845924	34.08524495	31.77679715	37.05105292	41.53928601
ENSMUSG00000050092	7.781970364	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG00000050097	13.44158517	6.260555194	7.061510478	7.249119049	8.594335036
ENSMUSG00000050102	9.196874066	8.347406925	2.824604191	4.02728836	9.310529622
ENSMUSG00000050105	5.65961481	10.43425866	9.886114669	6.443661377	8.594335036
ENSMUSG00000050107	35.37259256	38.25894841	48.01827125	120.8186508	104.5644096
ENSMUSG00000050114	10.61177777	6.956172438	4.943057334	4.02728836	3.580972932
ENSMUSG00000050121	8.489422215	2.086851731	4.236906287	9.665492065	5.013362104
ENSMUSG00000050138	5.65961481	8.347406925	7.061510478	8.860034393	2.148583759
ENSMUSG00000050147	9.904325918	6.956172438	10.59226572	4.02728836	8.594335036
ENSMUSG00000050148	16.97884443	42.43265187	33.18909925	29.80193387	27.21539428
ENSMUSG00000050158	6.367066661	4.869320706	7.061510478	6.443661377	5.013362104
ENSMUSG00000050188	29.71297775	47.30197258	47.3121202	41.07834128	42.97167518
ENSMUSG00000050190	9.904325918	8.347406925	9.886114669	7.249119049	3.580972932
ENSMUSG00000050192	4.952162959	5.56493795	6.35535943	10.47094974	3.580972932
ENSMUSG00000050195	9.196874066	5.56493795	6.35535943	9.665492065	5.013362104
ENSMUSG00000050197	4.244711108	3.478086219	3.530755239	4.832746033	3.580972932
ENSMUSG00000050201	8.489422215	6.956172438	6.35535943	6.443661377	1.432389173
ENSMUSG00000050212	5.65961481	2.782468975	5.649208382	3.221830688	4.297167518
ENSMUSG00000050213	87.01657771	124.5154866	106.6288082	168.3406535	135.3607768
ENSMUSG00000050215	9.196874066	6.260555194	7.767661525	5.638203705	7.87814045
ENSMUSG00000050224	12.02668147	6.260555194	7.061510478	4.832746033	5.729556691
ENSMUSG00000050229	47.39927403	82.77845201	77.67661525	169.9515688	148.968474
ENSMUSG00000050232	5.65961481	2.086851731	4.943057334	4.832746033	2.864778345
ENSMUSG00000050234	10.61177777	7.651789682	7.061510478	6.443661377	6.445751277
ENSMUSG00000050239	4.244711108	3.478086219	5.649208382	2.416373016	2.864778345
ENSMUSG00000050241	7.781970364	9.738641413	4.943057334	3.221830688	4.297167518
ENSMUSG00000050244	12.73413332	21.56413456	21.89068248	85.37851324	56.57937232
ENSMUSG00000050251	9.904325918	4.173703463	5.649208382	8.054576721	5.013362104
ENSMUSG00000050266	9.904325918	9.738641413	5.649208382	7.249119049	4.297167518
ENSMUSG00000050272	7.074518513	4.869320706	7.061510478	3.221830688	6.445751277
ENSMUSG00000050276	9.196874066	6.956172438	9.886114669	5.638203705	9.310529622
ENSMUSG00000050281	10.61177777	6.956172438	10.59226572	4.832746033	5.729556691
ENSMUSG00000050288	4.952162959	4.173703463	8.473812573	8.860034393	8.594335036
ENSMUSG00000050295	9.904325918	4.173703463	9.179963621	4.832746033	9.310529622
ENSMUSG00000050304	24.05336294	36.17209668	31.77679715	41.07834128	38.67450766

ENSMUSG00000050310	84.89422215	102.2557348	93.91808935	90.21125927	78.06520991
ENSMUSG00000050321	10.61177777	4.869320706	6.35535943	2.416373016	5.729556691
ENSMUSG00000050328	12.73413332	8.347406925	7.767661525	5.638203705	5.013362104
ENSMUSG00000050332	19.10119998	21.56413456	16.94762515	12.88732275	12.17530797
ENSMUSG00000050345	15.56394073	7.651789682	9.886114669	3.221830688	5.013362104
ENSMUSG00000050350	152.102148	148.1664729	148.29172	213.4462831	157.562809
ENSMUSG00000050357	25.46826665	29.91154148	30.36449505	31.41284921	24.35061594
ENSMUSG00000050359	11.31922962	7.651789682	4.943057334	8.054576721	5.729556691
ENSMUSG00000050366	8.489422215	4.869320706	8.473812573	7.249119049	7.161945863
ENSMUSG00000050368	7.074518513	6.260555194	4.943057334	5.638203705	5.729556691
ENSMUSG00000050370	6.367066661	5.56493795	4.943057334	7.249119049	7.161945863
ENSMUSG00000050377	6.367066661	9.738641413	9.179963621	9.665492065	7.87814045
ENSMUSG00000050383	9.196874066	6.956172438	12.71071886	7.249119049	9.310529622
ENSMUSG00000050395	12.73413332	6.260555194	4.236906287	7.249119049	11.45911338
ENSMUSG00000050397	7.074518513	4.173703463	4.236906287	3.221830688	5.013362104
ENSMUSG00000050424	3.537259256	4.869320706	4.236906287	3.221830688	2.148583759
ENSMUSG00000050425	4.952162959	11.82549314	6.35535943	4.832746033	3.580972932
ENSMUSG00000050428	99.04325918	130.0804246	119.3395271	93.43308996	83.07857202
ENSMUSG00000050435	7.074518513	4.869320706	4.236906287	4.02728836	5.013362104
ENSMUSG00000050439	10.61177777	11.1298759	11.29841676	10.47094974	8.594335036
ENSMUSG00000050440	9.196874066	9.738641413	5.649208382	8.860034393	10.7429188
ENSMUSG00000050445	5.65961481	6.956172438	4.236906287	4.02728836	7.87814045
ENSMUSG00000050463	9.196874066	5.56493795	5.649208382	1.610915344	7.87814045
ENSMUSG00000050473	6.367066661	4.869320706	4.236906287	8.054576721	7.87814045
ENSMUSG00000050478	5.65961481	6.956172438	5.649208382	6.443661377	7.161945863
ENSMUSG00000050493	9.196874066	13.21672763	18.35992724	15.30369577	12.17530797
ENSMUSG00000050503	14.85648888	13.91234488	12.00456781	24.16373016	10.7429188
ENSMUSG00000050505	4.952162959	6.260555194	7.061510478	3.221830688	7.161945863
ENSMUSG00000050511	7.074518513	2.782468975	6.35535943	8.054576721	5.013362104
ENSMUSG00000050520	9.904325918	6.260555194	7.767661525	4.832746033	7.161945863
ENSMUSG00000050526	5.65961481	7.651789682	4.236906287	7.249119049	7.161945863
ENSMUSG00000050534	8.489422215	4.869320706	5.649208382	6.443661377	3.580972932
ENSMUSG00000050549	12.02668147	19.47728283	14.12302096	41.07834128	22.20203218
ENSMUSG00000050552	21.22355554	22.95536904	14.12302096	19.33098413	22.20203218
ENSMUSG00000050553	5.65961481	5.56493795	10.59226572	7.249119049	7.161945863
ENSMUSG00000050555	18.39374813	34.08524495	26.83373982	51.54929101	38.67450766
ENSMUSG00000050556	7.781970364	11.1298759	6.35535943	8.860034393	10.02672421
ENSMUSG00000050592	53.7663407	86.25653823	65.67204744	62.02024075	68.0384857
ENSMUSG00000050612	4.952162959	4.869320706	3.530755239	3.221830688	5.729556691
ENSMUSG00000050613	9.904325918	4.869320706	7.061510478	4.02728836	7.87814045
ENSMUSG00000050621	12.02668147	12.52111039	9.179963621	18.52552646	15.7562809
ENSMUSG00000050623	7.074518513	9.043024169	7.767661525	5.638203705	10.02672421
ENSMUSG00000050625	7.074518513	6.956172438	9.179963621	6.443661377	7.161945863

ENSMUSG00000050628	43.15456293	43.82388636	52.96132858	179.6170609	118.1721067
ENSMUSG00000050635	3.537259256	9.043024169	9.179963621	2.416373016	4.297167518
ENSMUSG00000050641	9.196874066	10.43425866	9.886114669	4.832746033	5.729556691
ENSMUSG00000050645	9.196874066	1.391234488	7.061510478	10.47094974	5.729556691
ENSMUSG00000050650	14.14903703	11.1298759	9.886114669	4.02728836	11.45911338
ENSMUSG00000050654	12.02668147	9.043024169	9.886114669	5.638203705	10.02672421
ENSMUSG00000050663	7.074518513	4.173703463	6.35535943	3.221830688	7.87814045
ENSMUSG00000050668	36.08004441	58.43184848	43.07521391	51.54929101	49.41742646
ENSMUSG00000050675	6.367066661	5.56493795	12.71071886	5.638203705	5.729556691
ENSMUSG00000050677	63.67066661	62.60555194	89.68118307	75.71302118	65.17370736
ENSMUSG00000050685	8.489422215	6.260555194	5.649208382	5.638203705	5.013362104
ENSMUSG00000050697	37.49494812	43.82388636	42.36906287	88.60034393	67.32229112
ENSMUSG00000050702	9.196874066	8.347406925	11.29841676	8.054576721	9.310529622
ENSMUSG00000050704	9.904325918	5.56493795	10.59226572	7.249119049	6.445751277
ENSMUSG00000050711	9.196874066	10.43425866	6.35535943	3.221830688	6.445751277
ENSMUSG00000050714	76.40479994	121.7330177	102.3919019	121.6241085	108.1453825
ENSMUSG00000050721	86.30912585	105.7338211	100.9795998	261.7737434	169.738117
ENSMUSG00000050732	29.0055259	52.17129328	47.3121202	26.58010318	34.37734014
ENSMUSG00000050742	7.781970364	8.347406925	9.179963621	12.88732275	5.729556691
ENSMUSG00000050756	12.73413332	10.43425866	9.179963621	5.638203705	5.013362104
ENSMUSG00000050761	4.952162959	4.173703463	7.061510478	11.27640741	9.310529622
ENSMUSG00000050762	7.074518513	7.651789682	4.943057334	6.443661377	10.02672421
ENSMUSG00000050777	8.489422215	5.56493795	4.236906287	9.665492065	7.87814045
ENSMUSG00000050783	9.904325918	6.260555194	7.061510478	4.02728836	8.594335036
ENSMUSG00000050786	11.31922962	15.30357936	9.179963621	13.69278043	13.60769714
ENSMUSG00000050788	9.904325918	12.52111039	7.061510478	3.221830688	6.445751277
ENSMUSG00000050796	81.3569629	107.8206728	89.68118307	185.2552646	137.5093606
ENSMUSG00000050803	9.196874066	7.651789682	10.59226572	6.443661377	5.729556691
ENSMUSG00000050810	6.367066661	5.56493795	10.59226572	8.054576721	5.729556691
ENSMUSG00000050813	4.244711108	5.56493795	4.943057334	5.638203705	12.89150255
ENSMUSG00000050815	6.367066661	6.956172438	7.767661525	4.02728836	8.594335036
ENSMUSG00000050840	7.074518513	4.173703463	7.767661525	8.860034393	5.729556691
ENSMUSG00000050844	9.904325918	5.56493795	8.473812573	4.02728836	6.445751277
ENSMUSG00000050846	7.074518513	10.43425866	8.473812573	12.88732275	9.310529622
ENSMUSG00000050854	5.65961481	3.478086219	3.530755239	3.221830688	3.580972932
ENSMUSG00000050860	9.196874066	4.869320706	8.473812573	8.054576721	5.729556691
ENSMUSG00000050866	12.02668147	9.043024169	4.943057334	8.054576721	1.432389173
ENSMUSG00000050870	8.489422215	9.043024169	6.35535943	4.02728836	3.580972932
ENSMUSG00000050876	6.367066661	6.260555194	7.767661525	9.665492065	11.45911338
ENSMUSG00000050891	59.42595551	117.5593142	95.33039145	150.6205847	133.2121931
ENSMUSG00000050901	10.61177777	4.869320706	6.35535943	5.638203705	12.89150255
ENSMUSG00000050910	9.904325918	7.651789682	5.649208382	5.638203705	3.580972932
ENSMUSG00000050917	7.781970364	6.956172438	9.179963621	1.610915344	6.445751277

ENSMUSG00000050919	7.074518513	5.56493795	7.061510478	4.02728836	7.87814045
ENSMUSG00000050926	5.65961481	2.782468975	2.824604191	2.416373016	5.729556691
ENSMUSG00000050930	9.196874066	6.260555194	4.943057334	4.832746033	5.013362104
ENSMUSG00000050931	10.61177777	6.956172438	13.41686991	7.249119049	5.013362104
ENSMUSG00000050945	16.27139258	18.08604834	19.06607829	12.88732275	13.60769714
ENSMUSG00000050947	7.074518513	12.52111039	13.41686991	5.638203705	5.729556691
ENSMUSG00000050957	10.61177777	11.82549314	8.473812573	8.054576721	13.60769714
ENSMUSG00000050963	6.367066661	6.956172438	7.767661525	4.832746033	6.445751277
ENSMUSG00000050966	8.489422215	2.782468975	4.943057334	11.27640741	8.594335036
ENSMUSG00000050967	7.781970364	4.869320706	7.061510478	8.054576721	7.161945863
ENSMUSG00000050989	7.074518513	4.869320706	7.767661525	5.638203705	5.729556691
ENSMUSG00000050996	4.244711108	11.82549314	4.236906287	4.02728836	5.729556691
ENSMUSG00000051022	40.32475552	73.73542784	57.90438592	61.21478308	56.57937232
ENSMUSG00000051029	6.367066661	6.956172438	10.59226572	12.08186508	5.013362104
ENSMUSG00000051034	16.97884443	20.86851731	14.12302096	14.4982381	16.47247549
ENSMUSG00000051041	11.31922962	6.956172438	9.886114669	4.832746033	9.310529622
ENSMUSG00000051046	13.44158517	10.43425866	6.35535943	4.832746033	2.864778345
ENSMUSG00000051050	12.02668147	6.260555194	9.886114669	1.610915344	7.161945863
ENSMUSG00000051051	7.074518513	5.56493795	6.35535943	4.02728836	2.148583759
ENSMUSG00000051054	13.44158517	4.869320706	4.236906287	12.08186508	5.013362104
ENSMUSG00000051056	10.61177777	9.043024169	7.061510478	9.665492065	7.87814045
ENSMUSG00000051062	9.904325918	5.56493795	3.530755239	4.02728836	3.580972932
ENSMUSG00000051065	9.196874066	5.56493795	9.886114669	5.638203705	5.013362104
ENSMUSG00000051067	3.537259256	6.956172438	8.473812573	5.638203705	10.7429188
ENSMUSG00000051076	10.61177777	1.391234488	4.943057334	12.08186508	5.729556691
ENSMUSG00000051079	7.074518513	5.56493795	7.061510478	4.832746033	5.013362104
ENSMUSG00000051081	8.489422215	6.260555194	6.35535943	2.416373016	3.580972932
ENSMUSG00000051095	7.074518513	9.043024169	4.943057334	6.443661377	10.02672421
ENSMUSG00000051098	22.63845924	54.95376226	47.3121202	41.88379895	48.70123187
ENSMUSG00000051113	52.35143699	62.60555194	68.49665163	82.15668255	71.61945863
ENSMUSG00000051118	8.489422215	5.56493795	7.767661525	4.832746033	2.864778345
ENSMUSG00000051124	68.62282957	112.6899935	93.21193831	126.4568545	103.848215
ENSMUSG00000051136	7.074518513	4.869320706	7.767661525	4.832746033	10.02672421
ENSMUSG00000051146	4.244711108	4.173703463	6.35535943	5.638203705	10.02672421
ENSMUSG00000051153	0	1.391234488	0	0	0
ENSMUSG00000051176	8.489422215	11.82549314	8.473812573	4.832746033	7.87814045
ENSMUSG00000051180	10.61177777	4.173703463	7.767661525	8.860034393	7.161945863
ENSMUSG00000051184	18.39374813	29.21592424	26.12758877	29.80193387	32.22875639
ENSMUSG00000051185	32.54278516	66.7792554	45.8998181	46.71654498	46.55264811
ENSMUSG00000051207	11.31922962	3.478086219	10.59226572	8.860034393	12.89150255
ENSMUSG00000051209	4.244711108	5.56493795	2.824604191	2.416373016	5.013362104
ENSMUSG00000051212	186.7672887	223.9887525	185.7177256	279.4938122	199.102095
ENSMUSG00000051220	43.15456293	46.60635533	50.84287544	70.07481747	60.87653984

ENSMUSG00000051225	4.952162959	9.043024169	4.236906287	11.27640741	7.87814045
ENSMUSG00000051228	2.122355554	3.478086219	6.35535943	4.02728836	1.432389173
ENSMUSG00000051234	89.84638511	130.7760418	99.56729774	184.4498069	151.1170577
ENSMUSG00000051238	8.489422215	6.956172438	12.00456781	16.91461111	14.32389173
ENSMUSG00000051242	4.952162959	7.651789682	3.530755239	3.221830688	4.297167518
ENSMUSG00000051246	4.952162959	5.56493795	9.179963621	8.054576721	10.7429188
ENSMUSG00000051251	7.074518513	6.260555194	8.473812573	5.638203705	5.729556691
ENSMUSG00000051257	5.65961481	6.956172438	6.35535943	3.221830688	3.580972932
ENSMUSG00000051262	14.85648888	6.956172438	7.061510478	8.054576721	8.594335036
ENSMUSG00000051276	6.367066661	5.56493795	6.35535943	4.832746033	9.310529622
ENSMUSG00000051279	9.904325918	4.173703463	7.061510478	4.832746033	7.87814045
ENSMUSG00000051306	22.63845924	45.21512085	24.00913562	49.93837567	61.59273443
ENSMUSG00000051316	43.86201478	84.86530374	67.08434954	124.0404815	103.848215
ENSMUSG00000051319	10.61177777	18.08604834	13.41686991	14.4982381	16.47247549
ENSMUSG00000051335	43.86201478	46.60635533	60.72899011	23.35827249	22.20203218
ENSMUSG00000051346	22.63845924	36.86771392	38.13215658	61.21478308	48.70123187
ENSMUSG00000051361	3.537259256	4.869320706	2.824604191	3.221830688	5.729556691
ENSMUSG00000051367	4.244711108	2.782468975	7.061510478	4.832746033	7.161945863
ENSMUSG00000051373	7.781970364	13.21672763	11.29841676	9.665492065	10.02672421
ENSMUSG00000051390	1.414903703	2.782468975	4.236906287	5.638203705	5.013362104
ENSMUSG00000051391	55.1812444	94.60394515	84.03197468	202.9753334	171.8867007
ENSMUSG00000051397	9.904325918	10.43425866	10.59226572	17.72006879	15.7562809
ENSMUSG00000051403	115.3146518	155.8182626	129.9317928	120.0131931	108.1453825
ENSMUSG00000051437	10.61177777	7.651789682	6.35535943	6.443661377	5.013362104
ENSMUSG00000051439	7.074518513	11.82549314	7.061510478	7.249119049	7.161945863
ENSMUSG00000051444	11.31922962	13.21672763	9.886114669	13.69278043	16.47247549
ENSMUSG00000051451	109.6550369	137.036597	114.3964697	251.3027937	189.7915654
ENSMUSG00000051452	7.781970364	6.260555194	8.473812573	8.860034393	14.32389173
ENSMUSG00000051456	8.489422215	9.738641413	9.886114669	4.02728836	10.02672421
ENSMUSG00000051457	16.27139258	15.99919661	26.83373982	21.74735715	20.05344842
ENSMUSG00000051481	7.074518513	4.869320706	6.35535943	4.02728836	5.013362104
ENSMUSG00000051483	7.781970364	9.043024169	15.53532305	8.860034393	10.02672421
ENSMUSG00000051486	9.196874066	9.738641413	9.179963621	8.860034393	7.87814045
ENSMUSG00000051490	6.367066661	4.869320706	9.886114669	6.443661377	4.297167518
ENSMUSG00000051493	5.65961481	7.651789682	7.767661525	4.02728836	3.580972932
ENSMUSG00000051495	65.08557032	89.0390072	74.85201106	229.5554365	174.0352845
ENSMUSG00000051498	11.31922962	31.30277597	23.30298458	12.88732275	22.91822676
ENSMUSG00000051499	4.952162959	8.347406925	10.59226572	10.47094974	11.45911338
ENSMUSG00000051502	4.244711108	1.391234488	4.236906287	6.443661377	6.445751277
ENSMUSG00000051503	10.61177777	15.99919661	19.77222934	12.08186508	26.49919969
ENSMUSG00000051518	30.4204296	53.56252777	45.8998181	78.12939419	64.45751277
ENSMUSG00000051590	9.196874066	15.99919661	5.649208382	3.221830688	8.594335036
ENSMUSG00000051591	9.196874066	11.1298759	4.943057334	1.610915344	7.161945863

ENSMUSG00000051593	9.904325918	6.260555194	4.236906287	4.832746033	6.445751277
ENSMUSG00000051599	8.489422215	5.56493795	7.061510478	3.221830688	4.297167518
ENSMUSG00000051611	5.65961481	5.56493795	5.649208382	4.832746033	4.297167518
ENSMUSG00000051617	9.196874066	4.869320706	4.236906287	7.249119049	5.729556691
ENSMUSG00000051618	3.537259256	4.173703463	8.473812573	3.221830688	11.45911338
ENSMUSG00000051627	3.537259256	4.173703463	1.412302096	4.02728836	2.864778345
ENSMUSG00000051652	7.074518513	6.260555194	7.061510478	12.08186508	5.013362104
ENSMUSG00000051669	9.196874066	5.56493795	9.886114669	10.47094974	8.594335036
ENSMUSG00000051671	24.05336294	65.38802092	41.66291182	57.99295239	45.12025894
ENSMUSG00000051678	9.904325918	7.651789682	9.179963621	7.249119049	7.161945863
ENSMUSG00000051680	8.489422215	4.869320706	6.35535943	8.054576721	5.729556691
ENSMUSG00000051695	87.01657771	109.2119073	102.3919019	305.2684577	229.8984622
ENSMUSG00000051716	9.904325918	11.1298759	11.29841676	14.4982381	9.310529622
ENSMUSG00000051721	27.5906222	61.9099347	43.78136496	56.38203705	49.41742646
ENSMUSG00000051726	12.73413332	4.173703463	7.061510478	8.054576721	5.013362104
ENSMUSG00000051728	6.367066661	7.651789682	6.35535943	7.249119049	10.02672421
ENSMUSG00000051732	7.074518513	9.738641413	11.29841676	7.249119049	4.297167518
ENSMUSG00000051735	16.27139258	25.73783802	26.12758877	10.47094974	11.45911338
ENSMUSG00000051736	11.31922962	13.91234488	11.29841676	18.52552646	12.17530797
ENSMUSG00000051748	9.904325918	13.21672763	11.29841676	8.860034393	12.89150255
ENSMUSG00000051768	48.10672589	67.47487265	49.43057334	82.15668255	61.59273443
ENSMUSG00000051769	7.781970364	4.869320706	7.061510478	4.832746033	5.013362104
ENSMUSG00000051777	12.73413332	5.56493795	8.473812573	8.054576721	6.445751277
ENSMUSG00000051788	14.14903703	11.1298759	4.236906287	5.638203705	10.7429188
ENSMUSG00000051802	9.904325918	8.347406925	5.649208382	6.443661377	4.297167518
ENSMUSG00000051804	10.61177777	6.956172438	14.12302096	9.665492065	8.594335036
ENSMUSG00000051817	8.489422215	5.56493795	8.473812573	4.832746033	7.161945863
ENSMUSG00000051839	4.952162959	6.956172438	12.00456781	6.443661377	3.580972932
ENSMUSG00000051851	5.65961481	4.173703463	2.118453143	4.02728836	2.148583759
ENSMUSG00000051853	65.79302217	87.64777272	97.44884459	103.9040397	90.95671247
ENSMUSG00000051864	103.2879703	129.3848073	110.1595635	141.7605503	116.7397176
ENSMUSG00000051879	7.074518513	6.260555194	4.943057334	6.443661377	6.445751277
ENSMUSG00000051896	12.73413332	7.651789682	7.767661525	5.638203705	8.594335036
ENSMUSG00000051920	7.074518513	4.173703463	6.35535943	7.249119049	4.297167518
ENSMUSG00000051934	5.65961481	6.260555194	6.35535943	3.221830688	7.161945863
ENSMUSG00000051936	11.31922962	7.651789682	5.649208382	8.054576721	5.729556691
ENSMUSG00000051940	17.68629628	10.43425866	14.829172	11.27640741	14.32389173
ENSMUSG00000051951	2.829807405	8.347406925	8.473812573	8.054576721	4.297167518
ENSMUSG00000051956	7.074518513	4.869320706	7.061510478	9.665492065	6.445751277
ENSMUSG00000051965	6.367066661	10.43425866	4.236906287	7.249119049	7.87814045
ENSMUSG00000051969	10.61177777	6.260555194	8.473812573	2.416373016	8.594335036
ENSMUSG00000051978	18.39374813	15.30357936	14.12302096	14.4982381	15.04008631
ENSMUSG00000052014	10.61177777	3.478086219	7.061510478	4.832746033	5.013362104

ENSMUSG00000052026	11.31922962	2.086851731	4.943057334	7.249119049	6.445751277
ENSMUSG00000052031	58.0110518	66.7792554	69.20280268	123.2350238	85.94335036
ENSMUSG00000052075	7.781970364	10.43425866	7.061510478	6.443661377	8.594335036
ENSMUSG00000052085	7.781970364	15.99919661	11.29841676	16.91461111	23.63442135
ENSMUSG00000052117	8.489422215	8.347406925	4.943057334	8.860034393	7.161945863
ENSMUSG00000052131	7.074518513	6.956172438	6.35535943	4.02728836	7.87814045
ENSMUSG00000052135	7.074518513	7.651789682	7.767661525	3.221830688	7.87814045
ENSMUSG00000052144	66.50047402	109.9075245	93.91808935	157.0642461	123.9016634
ENSMUSG00000052155	7.074518513	6.956172438	7.767661525	4.832746033	10.02672421
ENSMUSG00000052160	34.66514071	54.95376226	47.3121202	56.38203705	48.70123187
ENSMUSG00000052187	5.65961481	4.173703463	8.473812573	1.610915344	7.87814045
ENSMUSG00000052212	12.02668147	6.956172438	6.35535943	7.249119049	7.161945863
ENSMUSG00000052214	21.93100739	43.12826911	40.95676077	62.82569842	65.17370736
ENSMUSG00000052217	5.65961481	5.56493795	4.943057334	2.416373016	5.729556691
ENSMUSG00000052221	9.196874066	8.347406925	7.767661525	6.443661377	7.87814045
ENSMUSG00000052229	7.781970364	4.869320706	7.767661525	8.054576721	8.594335036
ENSMUSG00000052234	6.367066661	4.173703463	12.00456781	8.054576721	5.013362104
ENSMUSG00000052253	117.4370073	164.8612868	139.1117564	264.1901164	171.8867007
ENSMUSG00000052270	14.85648888	4.173703463	8.473812573	2.416373016	5.729556691
ENSMUSG00000052271	15.56394073	13.91234488	16.2414741	17.72006879	24.35061594
ENSMUSG00000052276	10.61177777	15.30357936	7.767661525	5.638203705	5.729556691
ENSMUSG00000052296	160.5915702	166.2525213	174.4193088	289.964762	211.277403
ENSMUSG00000052299	82.7718666	140.5146832	98.86114669	141.7605503	123.1854689
ENSMUSG00000052302	5.65961481	9.738641413	11.29841676	29.80193387	42.25548059
ENSMUSG00000052303	7.781970364	10.43425866	16.2414741	4.02728836	8.594335036
ENSMUSG00000052305	11.31922962	9.043024169	10.59226572	6.443661377	7.161945863
ENSMUSG00000052310	21.93100739	47.30197258	37.42600553	101.4876667	88.80812871
ENSMUSG00000052316	5.65961481	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000052336	5.65961481	3.478086219	8.473812573	9.665492065	7.87814045
ENSMUSG00000052363	16.27139258	7.651789682	7.767661525	4.832746033	10.7429188
ENSMUSG00000052364	2.122355554	5.56493795	2.118453143	1.610915344	4.297167518
ENSMUSG00000052369	9.196874066	16.69481385	21.18453143	12.88732275	17.18867007
ENSMUSG00000052382	8.489422215	8.347406925	7.061510478	8.860034393	5.729556691
ENSMUSG00000052392	7.074518513	6.956172438	8.473812573	8.860034393	2.864778345
ENSMUSG00000052396	9.196874066	6.260555194	5.649208382	6.443661377	6.445751277
ENSMUSG00000052397	117.4370073	145.3840039	130.6379438	193.3098413	122.4692743
ENSMUSG00000052417	9.196874066	6.956172438	4.943057334	7.249119049	5.729556691
ENSMUSG00000052435	11.31922962	6.260555194	4.236906287	8.054576721	8.594335036
ENSMUSG00000052456	67.91537772	116.863697	104.5103551	109.5422434	94.5376854
ENSMUSG00000052468	11.31922962	2.086851731	11.29841676	4.02728836	9.310529622
ENSMUSG00000052469	21.93100739	13.91234488	18.35992724	20.1364418	18.62105924
ENSMUSG00000052471	5.65961481	9.738641413	7.767661525	7.249119049	13.60769714
ENSMUSG00000052485	5.65961481	9.738641413	4.236906287	6.443661377	5.013362104

ENSMUSG00000052488	47.39927403	71.64857611	56.49208382	178.0061455	156.1304198
ENSMUSG00000052504	9.196874066	6.260555194	9.179963621	2.416373016	6.445751277
ENSMUSG00000052520	7.781970364	10.43425866	8.473812573	7.249119049	3.580972932
ENSMUSG00000052537	6.367066661	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000052549	7.781970364	7.651789682	2.118453143	4.832746033	4.297167518
ENSMUSG00000052565	9.904325918	11.82549314	12.00456781	7.249119049	4.297167518
ENSMUSG00000052566	13.44158517	11.82549314	12.71071886	15.30369577	24.35061594
ENSMUSG00000052584	11.31922962	9.738641413	12.00456781	4.832746033	10.02672421
ENSMUSG00000052595	6.367066661	5.56493795	7.061510478	3.221830688	7.161945863
ENSMUSG00000052609	26.1757185	37.56333116	36.01370344	17.72006879	17.90486466
ENSMUSG00000052642	12.02668147	5.56493795	2.118453143	6.443661377	7.161945863
ENSMUSG00000052681	118.1444592	130.0804246	94.6242404	265.8010318	202.6830679
ENSMUSG00000052684	7.074518513	9.738641413	18.35992724	132.9005159	89.52432329
ENSMUSG00000052707	65.79302217	143.2971522	89.68118307	93.43308996	97.40246374
ENSMUSG00000052713	106.8252295	132.1672763	107.3349593	132.9005159	121.0368851
ENSMUSG00000052727	8.489422215	9.043024169	9.179963621	8.054576721	4.297167518
ENSMUSG00000052730	4.952162959	4.173703463	6.35535943	12.08186508	6.445751277
ENSMUSG00000052749	24.76081479	41.73703463	36.71985448	29.80193387	29.36397804
ENSMUSG00000052763	92.67619252	116.863697	104.5103551	106.3204127	101.6996313
ENSMUSG00000052812	24.76081479	39.6501829	39.54445867	85.37851324	63.74131818
ENSMUSG00000052819	10.61177777	7.651789682	7.767661525	10.47094974	10.02672421
ENSMUSG00000052821	4.952162959	2.782468975	2.824604191	0	2.864778345
ENSMUSG00000052833	88.43148141	130.0804246	96.74269354	236.8045556	186.926787
ENSMUSG00000052837	24.76081479	38.25894841	34.60140134	202.9753334	138.2255552
ENSMUSG00000052852	10.61177777	8.347406925	11.29841676	8.054576721	6.445751277
ENSMUSG00000052906	24.05336294	32.69401046	18.35992724	19.33098413	26.49919969
ENSMUSG00000052911	7.074518513	6.956172438	5.649208382	7.249119049	11.45911338
ENSMUSG00000052914	13.44158517	6.956172438	7.061510478	3.221830688	7.161945863
ENSMUSG00000052922	12.73413332	4.869320706	4.943057334	5.638203705	7.87814045
ENSMUSG00000052928	2.122355554	6.260555194	9.179963621	4.02728836	5.729556691
ENSMUSG00000052955	9.196874066	4.173703463	7.767661525	6.443661377	5.013362104
ENSMUSG00000052957	7.781970364	8.347406925	9.179963621	2.416373016	6.445751277
ENSMUSG00000052962	45.27691848	52.86691053	54.37363068	65.24207144	62.30892901
ENSMUSG00000052974	9.904325918	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG00000052981	6.367066661	2.782468975	5.649208382	7.249119049	3.580972932
ENSMUSG00000053004	6.367066661	4.869320706	3.530755239	8.860034393	7.87814045
ENSMUSG00000053007	10.61177777	2.782468975	9.886114669	10.47094974	3.580972932
ENSMUSG00000053044	9.904325918	6.956172438	2.118453143	8.860034393	6.445751277
ENSMUSG00000053070	10.61177777	8.347406925	10.59226572	7.249119049	6.445751277
ENSMUSG00000053101	7.781970364	5.56493795	7.061510478	5.638203705	7.161945863
ENSMUSG00000053113	12.73413332	24.34660353	18.35992724	77.32393652	68.0384857
ENSMUSG00000053129	4.952162959	7.651789682	4.943057334	4.832746033	9.310529622
ENSMUSG00000053137	12.02668147	25.73783802	16.2414741	21.74735715	11.45911338



ENSMUSG00000053164	17.68629628	20.86851731	16.2414741	12.08186508	10.7429188
ENSMUSG00000053178	14.85648888	20.17290007	32.4829482	26.58010318	27.93158887
ENSMUSG00000053181	60.13340736	83.47406925	96.0365425	53.96566403	63.0251236
ENSMUSG00000053192	106.1177777	126.6023384	116.5149229	302.046627	224.1689055
ENSMUSG00000053194	7.781970364	9.043024169	10.59226572	9.665492065	7.161945863
ENSMUSG00000053226	16.97884443	21.56413456	20.47838039	10.47094974	15.04008631
ENSMUSG00000053251	11.31922962	4.173703463	9.179963621	6.443661377	5.013362104
ENSMUSG00000053268	7.074518513	8.347406925	6.35535943	4.02728836	8.594335036
ENSMUSG00000053279	7.074518513	6.956172438	8.473812573	2.416373016	7.87814045
ENSMUSG00000053289	50.22908144	78.60474855	72.02740687	76.51847885	83.7947666
ENSMUSG00000053293	55.88869625	66.08363816	68.49665163	129.6786852	110.2939663
ENSMUSG00000053318	8.489422215	5.56493795	6.35535943	4.832746033	5.013362104
ENSMUSG00000053329	26.1757185	41.04141738	37.42600553	37.05105292	38.67450766
ENSMUSG00000053334	24.76081479	35.47647943	38.13215658	30.60739154	32.22875639
ENSMUSG00000053375	5.65961481	7.651789682	5.649208382	5.638203705	10.7429188
ENSMUSG00000053389	12.73413332	11.82549314	6.35535943	1.610915344	5.013362104
ENSMUSG00000053399	7.781970364	9.043024169	3.530755239	3.221830688	7.87814045
ENSMUSG00000053414	2.829807405	5.56493795	6.35535943	8.054576721	7.87814045
ENSMUSG00000053420	6.367066661	10.43425866	4.943057334	8.860034393	7.161945863
ENSMUSG00000053441	6.367066661	8.347406925	5.649208382	3.221830688	3.580972932
ENSMUSG00000053453	35.37259256	66.7792554	41.66291182	100.682209	100.2672421
ENSMUSG00000053460	16.27139258	27.82468975	26.12758877	30.60739154	40.10689684
ENSMUSG00000053461	9.196874066	9.738641413	7.767661525	7.249119049	7.87814045
ENSMUSG00000053475	5.65961481	4.869320706	7.767661525	7.249119049	10.02672421
ENSMUSG00000053490	0	0	0	0	0
ENSMUSG00000053508	7.074518513	3.478086219	10.59226572	11.27640741	7.161945863
ENSMUSG00000053536	32.54278516	43.12826911	42.36906287	97.46037832	90.24051788
ENSMUSG00000053560	21.22355554	45.21512085	53.66747963	123.2350238	104.5644096
ENSMUSG00000053600	127.3413332	166.9481385	141.9363606	184.4498069	163.2923657
ENSMUSG00000053604	41.03220737	70.95295887	81.20737049	76.51847885	64.45751277
ENSMUSG00000053624	12.02668147	4.173703463	2.118453143	5.638203705	5.013362104
ENSMUSG00000053626	14.14903703	5.56493795	7.767661525	2.416373016	3.580972932
ENSMUSG00000053641	86.30912585	123.8198694	98.15499564	250.497336	200.5344842
ENSMUSG00000053647	11.31922962	9.738641413	6.35535943	12.88732275	15.04008631
ENSMUSG00000053675	9.904325918	6.956172438	7.767661525	7.249119049	4.297167518
ENSMUSG00000053678	9.904325918	10.43425866	12.00456781	4.832746033	2.148583759
ENSMUSG00000053684	32.54278516	45.21512085	33.89525029	39.46742593	47.2688427
ENSMUSG00000053695	7.781970364	4.173703463	6.35535943	8.860034393	5.729556691
ENSMUSG00000053716	55.88869625	64.69240367	68.49665163	72.49119049	60.87653984
ENSMUSG00000053720	9.196874066	10.43425866	8.473812573	5.638203705	9.310529622
ENSMUSG00000053729	3.537259256	4.173703463	4.236906287	4.02728836	4.297167518
ENSMUSG00000053742	8.489422215	8.347406925	9.179963621	7.249119049	7.87814045
ENSMUSG00000053746	7.074518513	11.1298759	7.767661525	10.47094974	7.161945863

ENSMUSG00000053747	8.489422215	3.478086219	4.236906287	4.832746033	7.161945863
ENSMUSG00000053765	9.904325918	6.956172438	5.649208382	5.638203705	5.729556691
ENSMUSG00000053769	24.05336294	47.99758982	45.19366706	58.79841006	45.12025894
ENSMUSG00000053774	74.28244438	100.1688831	84.03197468	136.1223466	118.8883013
ENSMUSG00000053783	8.489422215	4.173703463	5.649208382	6.443661377	5.729556691
ENSMUSG00000053790	6.367066661	9.043024169	6.35535943	8.860034393	7.87814045
ENSMUSG00000053799	68.62282957	84.86530374	76.97046421	62.82569842	63.74131818
ENSMUSG00000053815	12.02668147	5.56493795	2.824604191	5.638203705	5.013362104
ENSMUSG00000053820	9.196874066	5.56493795	12.00456781	14.4982381	13.60769714
ENSMUSG00000053846	4.952162959	7.651789682	4.236906287	7.249119049	7.161945863
ENSMUSG00000053856	15.56394073	10.43425866	7.061510478	7.249119049	9.310529622
ENSMUSG00000053862	10.61177777	5.56493795	7.767661525	5.638203705	9.310529622
ENSMUSG00000053863	12.02668147	6.956172438	7.767661525	3.221830688	10.02672421
ENSMUSG00000053868	12.73413332	9.043024169	12.00456781	8.054576721	10.02672421
ENSMUSG00000053870	7.074518513	15.99919661	14.12302096	8.054576721	9.310529622
ENSMUSG00000053873	7.781970364	5.56493795	6.35535943	5.638203705	7.87814045
ENSMUSG00000053886	7.781970364	9.043024169	8.473812573	5.638203705	7.161945863
ENSMUSG00000053909	5.65961481	2.086851731	3.530755239	3.221830688	4.297167518
ENSMUSG00000053914	24.76081479	40.34580014	31.77679715	65.24207144	70.90326405
ENSMUSG00000053916	1.414903703	0	0	0	0
ENSMUSG00000053961	6.367066661	6.956172438	7.767661525	5.638203705	5.013362104
ENSMUSG00000053963	9.904325918	13.21672763	10.59226572	8.054576721	5.013362104
ENSMUSG00000054000	6.367066661	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000054005	12.02668147	2.782468975	1.412302096	4.02728836	6.445751277
ENSMUSG00000054008	74.98989623	125.9067211	120.7518292	47.52200265	60.87653984
ENSMUSG00000054013	2.122355554	6.956172438	3.530755239	5.638203705	3.580972932
ENSMUSG00000054021	10.61177777	13.91234488	5.649208382	6.443661377	7.87814045
ENSMUSG00000054027	29.71297775	59.12746572	51.54902649	80.54576721	57.29556691
ENSMUSG00000054033	11.31922962	7.651789682	7.061510478	7.249119049	8.594335036
ENSMUSG00000054046	7.781970364	6.956172438	12.00456781	7.249119049	6.445751277
ENSMUSG00000054051	38.90985182	77.21351406	64.25974535	43.49471429	68.75468029
ENSMUSG00000054052	9.904325918	6.956172438	4.236906287	8.054576721	7.161945863
ENSMUSG00000054054	8.489422215	9.043024169	6.35535943	1.610915344	2.864778345
ENSMUSG00000054057	9.904325918	7.651789682	12.00456781	6.443661377	8.594335036
ENSMUSG00000054074	7.781970364	13.21672763	7.061510478	8.054576721	11.45911338
ENSMUSG00000054083	4.952162959	4.869320706	9.886114669	7.249119049	10.02672421
ENSMUSG00000054087	9.904325918	9.738641413	7.061510478	8.860034393	9.310529622
ENSMUSG00000054091	21.93100739	31.30277597	26.83373982	48.32746033	35.80972932
ENSMUSG00000054106	8.489422215	7.651789682	10.59226572	6.443661377	4.297167518
ENSMUSG00000054117	9.196874066	8.347406925	6.35535943	9.665492065	2.864778345
ENSMUSG00000054136	4.952162959	4.869320706	10.59226572	7.249119049	5.729556691
ENSMUSG00000054141	10.61177777	5.56493795	4.236906287	3.221830688	6.445751277
ENSMUSG00000054142	6.367066661	7.651789682	6.35535943	6.443661377	10.02672421

ENSMUSG00000054146	7.074518513	5.56493795	5.649208382	7.249119049	7.87814045
ENSMUSG00000054160	9.196874066	2.086851731	7.061510478	2.416373016	6.445751277
ENSMUSG00000054169	10.61177777	8.347406925	8.473812573	14.4982381	7.87814045
ENSMUSG00000054191	7.781970364	6.260555194	9.886114669	7.249119049	3.580972932
ENSMUSG00000054196	15.56394073	3.478086219	9.886114669	3.221830688	4.297167518
ENSMUSG00000054200	9.196874066	5.56493795	6.35535943	7.249119049	4.297167518
ENSMUSG00000054203	14.14903703	10.43425866	4.943057334	6.443661377	5.013362104
ENSMUSG00000054204	6.367066661	9.043024169	8.473812573	6.443661377	6.445751277
ENSMUSG00000054206	13.44158517	16.69481385	16.2414741	22.55281482	22.20203218
ENSMUSG00000054215	4.952162959	4.869320706	7.061510478	7.249119049	6.445751277
ENSMUSG00000054237	14.14903703	20.86851731	17.65377619	26.58010318	29.36397804
ENSMUSG00000054266	8.489422215	6.260555194	8.473812573	5.638203705	10.7429188
ENSMUSG00000054272	4.952162959	4.869320706	4.943057334	5.638203705	5.013362104
ENSMUSG00000054277	7.781970364	17.39043109	21.18453143	20.1364418	22.91822676
ENSMUSG00000054309	16.97884443	41.04141738	36.71985448	42.68925662	34.37734014
ENSMUSG00000054312	87.72402956	116.1680797	108.7472614	150.6205847	131.7798039
ENSMUSG00000054321	12.73413332	30.60715873	26.12758877	53.96566403	50.13362104
ENSMUSG00000054325	7.781970364	9.738641413	9.886114669	6.443661377	7.161945863
ENSMUSG00000054342	11.31922962	12.52111039	15.53532305	132.9005159	65.88990194
ENSMUSG00000054360	6.367066661	2.782468975	9.179963621	4.02728836	2.864778345
ENSMUSG00000054362	5.65961481	2.782468975	5.649208382	4.832746033	5.729556691
ENSMUSG00000054364	12.73413332	34.08524495	33.18909925	19.33098413	27.21539428
ENSMUSG00000054381	35.37259256	49.38882431	41.66291182	33.82922223	52.99839939
ENSMUSG00000054383	14.14903703	13.21672763	12.71071886	8.054576721	10.7429188
ENSMUSG00000054408	47.39927403	84.1696865	72.73355792	94.23854763	91.67290705
ENSMUSG00000054409	9.196874066	6.956172438	9.179963621	7.249119049	4.297167518
ENSMUSG00000054414	25.46826665	47.99758982	43.78136496	65.24207144	62.30892901
ENSMUSG00000054417	12.73413332	6.956172438	8.473812573	5.638203705	9.310529622
ENSMUSG00000054422	11.31922962	6.956172438	9.886114669	7.249119049	9.310529622
ENSMUSG00000054446	9.196874066	8.347406925	7.061510478	7.249119049	5.729556691
ENSMUSG00000054455	112.4848444	137.036597	132.0502459	110.3477011	95.25387998
ENSMUSG00000054459	10.61177777	8.347406925	6.35535943	5.638203705	7.161945863
ENSMUSG00000054497	8.489422215	6.956172438	3.530755239	3.221830688	2.148583759
ENSMUSG00000054498	4.952162959	7.651789682	4.943057334	5.638203705	5.729556691
ENSMUSG00000054499	17.68629628	33.3896277	24.00913562	19.33098413	22.20203218
ENSMUSG00000054509	40.32475552	63.99678643	50.13672439	54.7711217	59.44415067
ENSMUSG00000054517	31.12788146	31.30277597	47.3121202	44.30017197	35.09353473
ENSMUSG00000054519	16.97884443	32.69401046	28.24604191	24.96918783	15.04008631
ENSMUSG00000054526	8.489422215	7.651789682	10.59226572	2.416373016	5.729556691
ENSMUSG00000054537	12.02668147	9.043024169	8.473812573	6.443661377	5.729556691
ENSMUSG00000054568	14.85648888	6.956172438	4.943057334	2.416373016	5.729556691
ENSMUSG00000054582	9.904325918	10.43425866	4.943057334	6.443661377	8.594335036
ENSMUSG00000054589	142.1978221	180.8604834	149.7040221	76.51847885	67.32229112

ENSMUSG00000054604	118.1444592	143.2971522	146.8794179	212.6408254	184.0620087
ENSMUSG00000054612	12.02668147	13.91234488	9.886114669	12.88732275	9.310529622
ENSMUSG00000054619	16.27139258	19.47728283	19.06607829	15.30369577	14.32389173
ENSMUSG00000054630	7.781970364	8.347406925	6.35535943	2.416373016	8.594335036
ENSMUSG00000054662	7.781970364	2.086851731	4.236906287	3.221830688	6.445751277
ENSMUSG00000054666	5.65961481	3.478086219	5.649208382	2.416373016	6.445751277
ENSMUSG00000054667	5.65961481	2.086851731	7.061510478	1.610915344	3.580972932
ENSMUSG00000054675	12.02668147	4.869320706	3.530755239	4.832746033	6.445751277
ENSMUSG00000054679	9.196874066	6.956172438	7.061510478	3.221830688	5.013362104
ENSMUSG00000054716	31.12788146	52.17129328	34.60140134	62.02024075	63.74131818
ENSMUSG00000054717	13.44158517	15.30357936	9.886114669	132.9005159	94.5376854
ENSMUSG00000054723	54.47379255	63.30116918	75.55816211	53.96566403	58.72795608
ENSMUSG00000054727	1.414903703	3.478086219	2.824604191	3.221830688	3.580972932
ENSMUSG00000054733	7.781970364	8.347406925	7.767661525	7.249119049	10.02672421
ENSMUSG00000054753	9.904325918	7.651789682	7.061510478	8.860034393	9.310529622
ENSMUSG00000054759	7.074518513	6.260555194	3.530755239	4.02728836	4.297167518
ENSMUSG00000054763	6.367066661	5.56493795	9.886114669	4.832746033	8.594335036
ENSMUSG00000054764	11.31922962	6.260555194	9.886114669	7.249119049	6.445751277
ENSMUSG00000054793	9.904325918	7.651789682	10.59226572	7.249119049	6.445751277
ENSMUSG00000054843	12.02668147	11.1298759	14.829172	12.08186508	12.17530797
ENSMUSG00000054850	3.537259256	4.869320706	5.649208382	0.805457672	2.864778345
ENSMUSG00000054863	4.244711108	11.82549314	2.118453143	3.221830688	4.297167518
ENSMUSG00000054871	9.196874066	6.260555194	7.767661525	8.860034393	5.013362104
ENSMUSG00000054894	19.80865184	31.99839321	31.0706461	47.52200265	42.25548059
ENSMUSG00000054901	9.196874066	8.347406925	10.59226572	4.02728836	7.87814045
ENSMUSG00000054905	11.31922962	7.651789682	9.886114669	1.610915344	7.161945863
ENSMUSG00000054931	7.781970364	7.651789682	3.530755239	5.638203705	10.7429188
ENSMUSG00000054932	11.31922962	9.043024169	6.35535943	6.443661377	2.864778345
ENSMUSG00000054938	10.61177777	3.478086219	7.061510478	4.02728836	9.310529622
ENSMUSG00000054939	7.074518513	11.82549314	8.473812573	8.860034393	12.89150255
ENSMUSG00000054940	9.196874066	5.56493795	12.00456781	8.054576721	5.729556691
ENSMUSG00000054945	36.08004441	49.38882431	50.13672439	122.4295662	92.38910164
ENSMUSG00000054951	9.904325918	7.651789682	5.649208382	4.02728836	5.013362104
ENSMUSG00000054958	9.904325918	5.56493795	6.35535943	6.443661377	7.87814045
ENSMUSG00000054988	11.31922962	11.82549314	8.473812573	4.02728836	8.594335036
ENSMUSG00000054994	6.367066661	7.651789682	3.530755239	3.221830688	5.013362104
ENSMUSG00000054999	5.65961481	9.043024169	10.59226572	9.665492065	9.310529622
ENSMUSG00000055015	18.39374813	22.95536904	31.77679715	18.52552646	17.90486466
ENSMUSG00000055030	9.904325918	4.869320706	9.886114669	5.638203705	3.580972932
ENSMUSG00000055033	10.61177777	4.173703463	4.943057334	1.610915344	7.87814045
ENSMUSG00000055041	31.12788146	56.34499675	48.01827125	41.88379895	40.82309142
ENSMUSG00000055065	72.16008883	107.8206728	107.3349593	207.8080794	171.1705061
ENSMUSG00000055069	21.22355554	37.56333116	39.54445867	16.91461111	20.769643

ENSMUSG00000055078	6.367066661	6.260555194	5.649208382	5.638203705	3.580972932
ENSMUSG00000055095	4.952162959	9.043024169	8.473812573	4.832746033	6.445751277
ENSMUSG00000055116	37.49494812	59.12746572	57.90438592	22.55281482	35.80972932
ENSMUSG00000055138	5.65961481	5.56493795	6.35535943	8.054576721	5.013362104
ENSMUSG00000055148	158.4692147	153.0357936	154.6470795	175.5897725	153.9818361
ENSMUSG00000055170	6.367066661	11.1298759	9.179963621	4.832746033	3.580972932
ENSMUSG00000055184	28.29807405	38.25894841	34.60140134	109.5422434	84.51096119
ENSMUSG00000055194	10.61177777	6.260555194	8.473812573	5.638203705	7.87814045
ENSMUSG00000055197	7.074518513	4.869320706	7.767661525	3.221830688	5.729556691
ENSMUSG00000055200	28.29807405	41.73703463	30.36449505	24.16373016	25.78300511
ENSMUSG00000055210	6.367066661	14.60796212	12.71071886	4.832746033	4.297167518
ENSMUSG00000055298	13.44158517	6.956172438	6.35535943	7.249119049	3.580972932
ENSMUSG00000055301	8.489422215	8.347406925	8.473812573	7.249119049	4.297167518
ENSMUSG00000055302	19.10119998	34.08524495	28.24604191	100.682209	89.52432329
ENSMUSG00000055312	4.952162959	4.869320706	10.59226572	5.638203705	7.161945863
ENSMUSG00000055319	76.40479994	118.9505487	103.098053	129.6786852	109.5777717
ENSMUSG00000055334	21.93100739	25.73783802	23.30298458	19.33098413	27.21539428
ENSMUSG00000055357	5.65961481	3.478086219	6.35535943	2.416373016	4.297167518
ENSMUSG00000055373	9.196874066	6.956172438	5.649208382	4.832746033	9.310529622
ENSMUSG00000055415	9.196874066	6.260555194	7.061510478	8.860034393	7.161945863
ENSMUSG00000055430	9.196874066	12.52111039	9.886114669	5.638203705	11.45911338
ENSMUSG00000055435	3.537259256	3.478086219	8.473812573	2.416373016	7.161945863
ENSMUSG00000055480	33.25023701	56.34499675	40.25060972	29.80193387	40.10689684
ENSMUSG00000055485	9.196874066	9.738641413	7.767661525	5.638203705	10.02672421
ENSMUSG00000055489	7.781970364	7.651789682	8.473812573	2.416373016	7.87814045
ENSMUSG00000055493	8.489422215	7.651789682	9.886114669	4.02728836	7.87814045
ENSMUSG00000055515	10.61177777	2.782468975	7.767661525	8.860034393	9.310529622
ENSMUSG00000055538	14.14903703	13.91234488	10.59226572	11.27640741	10.02672421
ENSMUSG00000055546	12.02668147	9.738641413	8.473812573	8.054576721	11.45911338
ENSMUSG00000055547	9.904325918	9.738641413	9.179963621	5.638203705	15.04008631
ENSMUSG00000055555	6.367066661	5.56493795	1.412302096	3.221830688	1.432389173
ENSMUSG00000055560	14.14903703	23.65098629	22.59683353	12.88732275	12.17530797
ENSMUSG00000055561	9.904325918	4.173703463	10.59226572	1.610915344	7.161945863
ENSMUSG00000055594	7.781970364	6.956172438	9.179963621	7.249119049	4.297167518
ENSMUSG00000055609	13.44158517	6.260555194	8.473812573	4.02728836	4.297167518
ENSMUSG00000055610	8.489422215	11.1298759	7.061510478	1.610915344	3.580972932
ENSMUSG00000055633	2.829807405	10.43425866	6.35535943	5.638203705	8.594335036
ENSMUSG00000055643	13.44158517	3.478086219	7.061510478	3.221830688	9.310529622
ENSMUSG00000055660	29.71297775	43.12826911	46.60596915	107.1258704	81.64618284
ENSMUSG00000055675	7.074518513	7.651789682	9.886114669	4.832746033	5.013362104
ENSMUSG00000055679	8.489422215	9.043024169	7.767661525	5.638203705	5.729556691
ENSMUSG00000055691	13.44158517	11.82549314	8.473812573	6.443661377	8.594335036
ENSMUSG00000055723	81.3569629	121.0374004	138.4056054	99.07129367	122.4692743

ENSMUSG00000055733	4.244711108	3.478086219	2.824604191	2.416373016	3.580972932
ENSMUSG00000055745	26.88317035	50.08444155	53.66747963	22.55281482	26.49919969
ENSMUSG00000055746	4.952162959	2.782468975	1.412302096	3.221830688	3.580972932
ENSMUSG00000055782	9.904325918	9.043024169	5.649208382	5.638203705	7.87814045
ENSMUSG00000055789	4.244711108	6.260555194	7.767661525	5.638203705	7.87814045
ENSMUSG00000055809	9.904325918	4.869320706	7.767661525	8.860034393	8.594335036
ENSMUSG00000055811	9.904325918	6.260555194	8.473812573	4.02728836	5.729556691
ENSMUSG00000055826	4.244711108	3.478086219	0.706151048	2.416373016	5.013362104
ENSMUSG00000055839	31.83533331	45.91073809	31.77679715	92.62763229	82.36237743
ENSMUSG00000055862	23.34591109	27.12907251	33.89525029	70.07481747	63.74131818
ENSMUSG00000055865	9.196874066	7.651789682	7.061510478	1.610915344	8.594335036
ENSMUSG00000055866	16.27139258	19.47728283	18.35992724	12.08186508	17.90486466
ENSMUSG00000055874	9.904325918	8.347406925	7.767661525	7.249119049	7.161945863
ENSMUSG00000055882	7.074518513	2.782468975	11.29841676	8.860034393	9.310529622
ENSMUSG00000055884	31.12788146	57.73623123	55.07978173	75.71302118	61.59273443
ENSMUSG00000055891	5.65961481	4.173703463	11.29841676	6.443661377	7.87814045
ENSMUSG00000055895	12.02668147	8.347406925	4.236906287	3.221830688	7.161945863
ENSMUSG00000055912	11.31922962	20.86851731	15.53532305	17.72006879	14.32389173
ENSMUSG00000055926	8.489422215	9.738641413	12.71071886	9.665492065	10.7429188
ENSMUSG00000055937	7.074518513	5.56493795	3.530755239	8.860034393	7.161945863
ENSMUSG00000055943	82.7718666	141.2103005	85.44427678	130.4841429	128.9150255
ENSMUSG00000055945	9.196874066	7.651789682	9.179963621	10.47094974	12.89150255
ENSMUSG00000055976	11.31922962	3.478086219	7.061510478	4.02728836	5.013362104
ENSMUSG00000055978	8.489422215	11.1298759	7.061510478	5.638203705	7.87814045
ENSMUSG00000055980	9.904325918	13.21672763	7.061510478	5.638203705	5.729556691
ENSMUSG00000056008	6.367066661	4.869320706	9.179963621	5.638203705	7.87814045
ENSMUSG00000056035	10.61177777	7.651789682	5.649208382	6.443661377	5.729556691
ENSMUSG00000056043	20.51610369	29.91154148	33.89525029	21.74735715	29.36397804
ENSMUSG00000056054	7.781970364	2.782468975	9.179963621	7.249119049	7.161945863
ENSMUSG00000056069	29.0055259	38.95456565	23.30298458	14.4982381	25.06681052
ENSMUSG00000056078	3.537259256	9.043024169	7.061510478	8.054576721	6.445751277
ENSMUSG00000056124	8.489422215	4.173703463	5.649208382	5.638203705	3.580972932
ENSMUSG00000056130	7.781970364	15.30357936	16.2414741	57.18749472	43.68786977
ENSMUSG00000056133	14.85648888	9.043024169	9.886114669	8.054576721	10.7429188
ENSMUSG00000056148	11.31922962	3.478086219	8.473812573	5.638203705	8.594335036
ENSMUSG00000056155	7.781970364	6.956172438	9.179963621	3.221830688	6.445751277
ENSMUSG00000056167	51.64398514	70.25734162	66.37819849	103.098582	85.94335036
ENSMUSG00000056174	6.367066661	6.260555194	9.886114669	10.47094974	7.161945863
ENSMUSG00000056184	18.39374813	11.82549314	8.473812573	4.02728836	9.310529622
ENSMUSG00000056185	46.69182218	70.95295887	81.20737049	52.35474869	47.2688427
ENSMUSG00000056197	8.489422215	4.173703463	1.412302096	8.054576721	3.580972932
ENSMUSG00000056201	61.54831106	82.08283477	69.20280268	263.3846588	183.3458141
ENSMUSG00000056203	4.244711108	3.478086219	9.179963621	4.832746033	2.864778345

ENSMUSG00000056204	25.46826665	38.95456565	36.71985448	38.66196826	42.97167518
ENSMUSG00000056209	26.1757185	43.82388636	33.18909925	49.93837567	55.14698315
ENSMUSG00000056214	9.196874066	14.60796212	15.53532305	18.52552646	15.04008631
ENSMUSG00000056216	146.4425332	190.5991248	181.4808193	211.8353678	171.8867007
ENSMUSG00000056223	7.781970364	7.651789682	7.061510478	6.443661377	7.87814045
ENSMUSG00000056270	12.02668147	8.347406925	7.061510478	4.02728836	5.729556691
ENSMUSG00000056305	111.0699406	137.7322143	115.1026208	182.0334339	146.1036956
ENSMUSG00000056306	10.61177777	3.478086219	7.061510478	1.610915344	9.310529622
ENSMUSG00000056313	8.489422215	6.956172438	9.886114669	9.665492065	5.729556691
ENSMUSG00000056350	9.196874066	7.651789682	9.179963621	9.665492065	5.729556691
ENSMUSG00000056379	13.44158517	5.56493795	8.473812573	6.443661377	2.864778345
ENSMUSG00000056399	4.952162959	8.347406925	5.649208382	8.860034393	5.729556691
ENSMUSG00000056423	7.781970364	3.478086219	2.824604191	7.249119049	4.297167518
ENSMUSG00000056426	8.489422215	8.347406925	4.943057334	6.443661377	7.161945863
ENSMUSG00000056429	89.84638511	121.0374004	90.38733411	135.3168889	102.4158258
ENSMUSG00000056436	9.904325918	11.1298759	12.71071886	4.832746033	9.310529622
ENSMUSG00000056457	22.63845924	18.08604834	21.18453143	16.10915344	17.18867007
ENSMUSG00000056468	6.367066661	5.56493795	2.824604191	4.832746033	7.161945863
ENSMUSG00000056481	7.074518513	9.043024169	10.59226572	7.249119049	5.729556691
ENSMUSG00000056487	0	0	0	0	0
ENSMUSG00000056492	4.952162959	5.56493795	12.71071886	5.638203705	4.297167518
ENSMUSG00000056493	179.6927702	213.5544938	192.779236	212.6408254	171.1705061
ENSMUSG00000056494	11.31922962	5.56493795	6.35535943	4.02728836	7.87814045
ENSMUSG00000056501	3.537259256	0.695617244	8.473812573	4.02728836	10.02672421
ENSMUSG00000056508	7.074518513	11.1298759	2.824604191	9.665492065	8.594335036
ENSMUSG00000056515	15.56394073	9.738641413	12.00456781	17.72006879	23.63442135
ENSMUSG00000056529	7.781970364	13.91234488	7.061510478	1.610915344	12.17530797
ENSMUSG00000056544	4.952162959	6.260555194	6.35535943	3.221830688	5.729556691
ENSMUSG00000056586	14.85648888	7.651789682	8.473812573	13.69278043	15.7562809
ENSMUSG00000056596	7.781970364	6.956172438	3.530755239	6.443661377	5.729556691
ENSMUSG00000056600	11.31922962	12.52111039	9.886114669	7.249119049	7.161945863
ENSMUSG00000056612	15.56394073	24.34660353	20.47838039	162.7024498	100.9834367
ENSMUSG00000056632	10.61177777	13.21672763	8.473812573	8.860034393	7.161945863
ENSMUSG00000056643	8.489422215	4.173703463	2.118453143	5.638203705	7.87814045
ENSMUSG00000056648	6.367066661	4.173703463	9.886114669	5.638203705	11.45911338
ENSMUSG00000056656	10.61177777	3.478086219	5.649208382	13.69278043	13.60769714
ENSMUSG00000056665	12.73413332	18.78166558	27.53989086	40.2728836	42.25548059
ENSMUSG00000056671	9.196874066	8.347406925	9.886114669	8.860034393	6.445751277
ENSMUSG00000056706	5.65961481	7.651789682	8.473812573	5.638203705	7.87814045
ENSMUSG00000056708	134.4158517	134.254128	125.6948865	248.080963	189.7915654
ENSMUSG00000056728	7.074518513	5.56493795	5.649208382	4.832746033	5.729556691
ENSMUSG00000056749	4.244711108	9.043024169	6.35535943	298.0193387	219.871738
ENSMUSG00000056815	4.244711108	2.782468975	4.236906287	2.416373016	7.161945863

ENSMUSG00000056820	12.02668147	15.30357936	14.12302096	26.58010318	26.49919969
ENSMUSG00000056822	4.244711108	10.43425866	6.35535943	4.832746033	7.161945863
ENSMUSG00000056829	9.904325918	3.478086219	7.767661525	0.805457672	6.445751277
ENSMUSG00000056854	8.489422215	5.56493795	1.412302096	0.805457672	3.580972932
ENSMUSG00000056863	7.074518513	6.956172438	2.824604191	4.832746033	7.161945863
ENSMUSG00000056870	10.61177777	6.956172438	6.35535943	2.416373016	4.297167518
ENSMUSG00000056883	9.904325918	6.956172438	10.59226572	3.221830688	6.445751277
ENSMUSG00000056895	9.904325918	11.1298759	5.649208382	2.416373016	3.580972932
ENSMUSG00000056919	20.51610369	34.78086219	32.4829482	16.91461111	21.48583759
ENSMUSG00000056946	11.31922962	3.478086219	4.943057334	7.249119049	2.148583759
ENSMUSG00000056947	14.14903703	6.260555194	9.886114669	8.054576721	7.161945863
ENSMUSG00000056966	8.489422215	4.869320706	7.061510478	7.249119049	5.013362104
ENSMUSG00000056972	10.61177777	5.56493795	5.649208382	4.832746033	2.148583759
ENSMUSG00000056973	9.904325918	4.869320706	7.767661525	5.638203705	6.445751277
ENSMUSG00000056978	7.781970364	4.869320706	7.061510478	6.443661377	5.729556691
ENSMUSG00000056987	7.074518513	8.347406925	7.767661525	4.02728836	10.02672421
ENSMUSG00000057037	6.367066661	4.869320706	4.943057334	8.054576721	7.87814045
ENSMUSG00000057047	7.781970364	5.56493795	8.473812573	1.610915344	9.310529622
ENSMUSG00000057060	3.537259256	1.391234488	4.236906287	3.221830688	5.729556691
ENSMUSG00000057069	139.3680147	148.1664729	135.5810012	198.948045	167.5895332
ENSMUSG00000057074	13.44158517	6.260555194	8.473812573	6.443661377	6.445751277
ENSMUSG00000057101	61.54831106	75.12666233	68.49665163	75.71302118	65.17370736
ENSMUSG00000057134	58.71850365	97.38641413	76.26431316	174.7843148	138.2255552
ENSMUSG00000057137	23.34591109	34.78086219	22.59683353	24.96918783	21.48583759
ENSMUSG00000057163	7.781970364	7.651789682	7.061510478	4.832746033	2.864778345
ENSMUSG00000057170	9.196874066	8.347406925	13.41686991	4.02728836	2.864778345
ENSMUSG00000057173	8.489422215	8.347406925	7.061510478	8.054576721	10.7429188
ENSMUSG00000057174	15.56394073	6.260555194	9.179963621	5.638203705	9.310529622
ENSMUSG00000057176	50.22908144	65.38802092	50.84287544	68.46390213	62.30892901
ENSMUSG00000057179	10.61177777	6.956172438	4.943057334	5.638203705	6.445751277
ENSMUSG00000057193	205.1610369	253.900294	251.389773	115.1804471	121.7530797
ENSMUSG00000057223	7.781970364	6.956172438	4.943057334	8.860034393	7.161945863
ENSMUSG00000057228	11.31922962	6.260555194	7.061510478	4.832746033	3.580972932
ENSMUSG00000057234	9.904325918	20.17290007	14.12302096	12.88732275	12.17530797
ENSMUSG00000057286	6.367066661	5.56493795	3.530755239	6.443661377	8.594335036
ENSMUSG00000057329	53.7663407	93.90832791	84.03197468	128.0677699	115.3073284
ENSMUSG00000057388	74.28244438	113.3856107	88.26888097	312.5175768	221.3041272
ENSMUSG00000057396	12.73413332	35.47647943	23.30298458	21.74735715	24.35061594
ENSMUSG00000057402	2.829807405	3.478086219	4.236906287	2.416373016	1.432389173
ENSMUSG00000057411	17.68629628	22.2597518	30.36449505	33.82922223	27.93158887
ENSMUSG00000057417	4.952162959	4.173703463	5.649208382	8.860034393	9.310529622
ENSMUSG00000057425	5.65961481	4.869320706	6.35535943	3.221830688	5.013362104
ENSMUSG00000057440	13.44158517	19.47728283	14.829172	21.74735715	13.60769714



ENSMUSG00000057446	9.904325918	6.956172438	4.943057334	7.249119049	7.87814045
ENSMUSG00000057454	13.44158517	10.43425866	6.35535943	4.02728836	9.310529622
ENSMUSG00000057465	9.904325918	7.651789682	6.35535943	4.832746033	7.161945863
ENSMUSG00000057469	20.51610369	20.86851731	26.83373982	54.7711217	42.97167518
ENSMUSG00000057497	13.44158517	19.47728283	17.65377619	62.02024075	46.55264811
ENSMUSG00000057503	7.781970364	6.260555194	7.061510478	5.638203705	10.02672421
ENSMUSG00000057506	28.29807405	53.56252777	40.95676077	57.99295239	52.99839939
ENSMUSG00000057540	9.904325918	2.782468975	4.943057334	4.832746033	6.445751277
ENSMUSG00000057561	79.23460734	123.1242521	116.5149229	287.5483889	233.4794351
ENSMUSG00000057604	7.781970364	7.651789682	7.061510478	8.860034393	10.02672421
ENSMUSG00000057609	7.781970364	6.260555194	7.061510478	4.832746033	7.161945863
ENSMUSG00000057614	9.904325918	6.956172438	4.236906287	8.860034393	2.864778345
ENSMUSG00000057615	4.952162959	2.782468975	4.236906287	0.805457672	2.864778345
ENSMUSG00000057649	23.34591109	27.12907251	20.47838039	53.16020636	51.56601022
ENSMUSG00000057650	9.904325918	11.82549314	8.473812573	4.832746033	7.161945863
ENSMUSG00000057654	12.02668147	8.347406925	6.35535943	4.02728836	7.161945863
ENSMUSG00000057667	36.78749627	49.38882431	43.07521391	58.79841006	60.16034525
ENSMUSG00000057674	9.904325918	4.173703463	4.236906287	5.638203705	7.161945863
ENSMUSG00000057691	19.80865184	37.56333116	28.95219296	74.9075635	75.91662615
ENSMUSG00000057697	5.65961481	6.956172438	7.061510478	8.860034393	7.161945863
ENSMUSG00000057699	10.61177777	7.651789682	6.35535943	7.249119049	5.729556691
ENSMUSG00000057706	14.85648888	24.34660353	19.06607829	11.27640741	10.02672421
ENSMUSG00000057716	8.489422215	7.651789682	7.767661525	6.443661377	6.445751277
ENSMUSG00000057723	11.31922962	4.869320706	5.649208382	5.638203705	10.02672421
ENSMUSG00000057726	7.781970364	4.869320706	5.649208382	5.638203705	7.161945863
ENSMUSG00000057777	6.367066661	11.82549314	9.179963621	8.860034393	7.161945863
ENSMUSG00000057801	11.31922962	5.56493795	7.767661525	4.832746033	7.87814045
ENSMUSG00000057805	2.829807405	4.869320706	2.824604191	3.221830688	5.013362104
ENSMUSG00000057817	10.61177777	2.782468975	5.649208382	3.221830688	5.013362104
ENSMUSG00000057832	8.489422215	6.956172438	7.061510478	5.638203705	9.310529622
ENSMUSG00000057835	35.37259256	52.86691053	44.48751601	44.30017197	50.84981563
ENSMUSG00000057841	2.122355554	1.391234488	1.412302096	2.416373016	2.148583759
ENSMUSG00000057858	68.62282957	103.6469693	103.804204	87.79488626	94.5376854
ENSMUSG00000057863	70.03773327	93.21271067	89.68118307	248.080963	214.8583759
ENSMUSG00000057899	8.489422215	8.347406925	5.649208382	7.249119049	10.02672421
ENSMUSG00000057963	24.05336294	34.08524495	28.24604191	48.32746033	40.10689684
ENSMUSG00000057982	48.10672589	79.30036579	57.90438592	86.98942859	68.75468029
ENSMUSG00000057997	5.65961481	5.56493795	9.886114669	4.02728836	12.17530797
ENSMUSG00000058014	7.074518513	2.086851731	6.35535943	2.416373016	6.445751277
ENSMUSG00000058017	13.44158517	2.782468975	3.530755239	3.221830688	3.580972932
ENSMUSG00000058030	9.904325918	6.260555194	7.061510478	10.47094974	7.161945863
ENSMUSG00000058046	14.85648888	20.86851731	26.12758877	40.2728836	32.94495097
ENSMUSG00000058057	7.074518513	11.82549314	4.236906287	4.02728836	10.02672421

ENSMUSG00000058063	12.02668147	6.956172438	5.649208382	5.638203705	4.297167518
ENSMUSG00000058114	4.952162959	10.43425866	6.35535943	6.443661377	5.729556691
ENSMUSG00000058119	5.65961481	8.347406925	9.886114669	4.832746033	6.445751277
ENSMUSG00000058124	7.781970364	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG00000058147	3.537259256	2.086851731	4.943057334	0.805457672	5.729556691
ENSMUSG00000058152	9.196874066	6.956172438	9.886114669	5.638203705	9.310529622
ENSMUSG00000058172	9.904325918	10.43425866	6.35535943	3.221830688	7.87814045
ENSMUSG00000058174	7.074518513	9.043024169	9.179963621	5.638203705	3.580972932
ENSMUSG00000058207	0	0	0	0	0
ENSMUSG00000058244	9.196874066	9.043024169	4.236906287	4.02728836	8.594335036
ENSMUSG00000058251	7.074518513	6.956172438	7.061510478	4.832746033	9.310529622
ENSMUSG00000058252	4.952162959	6.956172438	5.649208382	1.610915344	4.297167518
ENSMUSG00000058260	8.489422215	6.260555194	7.767661525	7.249119049	5.729556691
ENSMUSG00000058270	4.952162959	5.56493795	6.35535943	9.665492065	2.864778345
ENSMUSG00000058287	9.196874066	9.738641413	9.179963621	4.832746033	7.161945863
ENSMUSG00000058290	25.46826665	27.82468975	22.59683353	45.10562964	41.53928601
ENSMUSG00000058295	12.02668147	7.651789682	7.061510478	4.02728836	7.161945863
ENSMUSG00000058301	180.4002221	193.3815938	182.8931214	360.0395794	257.8300511
ENSMUSG00000058325	7.074518513	5.56493795	7.061510478	2.416373016	9.310529622
ENSMUSG00000058349	10.61177777	9.043024169	10.59226572	4.832746033	10.7429188
ENSMUSG00000058354	7.781970364	2.782468975	7.061510478	6.443661377	8.594335036
ENSMUSG00000058355	62.96321476	121.0374004	103.098053	249.6918783	192.6563437
ENSMUSG00000058368	10.61177777	9.043024169	8.473812573	7.249119049	10.02672421
ENSMUSG00000058385	4.952162959	5.56493795	10.59226572	4.832746033	7.87814045
ENSMUSG00000058396	7.781970364	5.56493795	9.886114669	12.08186508	8.594335036
ENSMUSG00000058398	8.489422215	4.869320706	7.061510478	5.638203705	7.161945863
ENSMUSG00000058420	9.904325918	5.56493795	6.35535943	6.443661377	5.729556691
ENSMUSG00000058441	8.489422215	6.956172438	4.236906287	9.665492065	15.7562809
ENSMUSG00000058443	6.367066661	13.21672763	11.29841676	11.27640741	7.161945863
ENSMUSG00000058488	8.489422215	6.956172438	2.824604191	8.054576721	6.445751277
ENSMUSG00000058491	8.489422215	4.869320706	2.118453143	1.610915344	6.445751277
ENSMUSG00000058499	8.489422215	6.956172438	9.179963621	7.249119049	3.580972932
ENSMUSG00000058515	8.489422215	8.347406925	7.767661525	4.02728836	2.864778345
ENSMUSG00000058523	20.51610369	20.86851731	14.829172	10.47094974	16.47247549
ENSMUSG00000058537	74.28244438	45.21512085	75.55816211	70.07481747	69.47087488
ENSMUSG00000058546	1.414903703	3.478086219	1.412302096	1.610915344	1.432389173
ENSMUSG00000058568	12.73413332	8.347406925	5.649208382	6.443661377	8.594335036
ENSMUSG00000058569	30.4204296	38.95456565	55.78593277	118.4022778	88.09193412
ENSMUSG00000058579	5.65961481	4.869320706	9.179963621	5.638203705	8.594335036
ENSMUSG00000058587	156.3468591	155.8182626	139.8179075	113.5695318	109.5777717
ENSMUSG00000058588	7.781970364	4.173703463	7.061510478	4.02728836	5.729556691
ENSMUSG00000058618	1.414903703	0	0.706151048	0	1.432389173
ENSMUSG00000058620	7.781970364	7.651789682	7.767661525	11.27640741	10.7429188

ENSMUSG00000058628	9.196874066	5.56493795	5.649208382	2.416373016	7.161945863
ENSMUSG00000058631	5.65961481	3.478086219	4.236906287	3.221830688	5.013362104
ENSMUSG00000058643	12.02668147	7.651789682	5.649208382	11.27640741	12.17530797
ENSMUSG00000058655	133.7083999	160.6875833	125.6948865	266.6064895	201.9668733
ENSMUSG00000058665	3.537259256	7.651789682	6.35535943	5.638203705	7.87814045
ENSMUSG00000058669	5.65961481	3.478086219	7.767661525	5.638203705	7.161945863
ENSMUSG00000058670	6.367066661	4.173703463	4.236906287	3.221830688	1.432389173
ENSMUSG00000058672	4.952162959	6.260555194	6.35535943	11.27640741	5.013362104
ENSMUSG00000058692	13.44158517	4.173703463	9.179963621	1.610915344	7.87814045
ENSMUSG00000058704	39.61730367	54.25814501	50.13672439	132.0950582	108.8615771
ENSMUSG00000058706	60.13340736	89.73462445	99.56729774	88.60034393	77.34901533
ENSMUSG00000058741	11.31922962	4.173703463	7.061510478	9.665492065	13.60769714
ENSMUSG00000058743	17.68629628	15.30357936	19.06607829	50.74383334	41.53928601
ENSMUSG00000058755	4.952162959	11.1298759	15.53532305	22.55281482	21.48583759
ENSMUSG00000058761	103.2879703	146.0796212	129.9317928	94.23854763	95.97007457
ENSMUSG00000058773	2.829807405	3.478086219	4.943057334	4.832746033	7.161945863
ENSMUSG00000058802	5.65961481	9.738641413	7.767661525	6.443661377	8.594335036
ENSMUSG00000058820	8.489422215	6.956172438	6.35535943	3.221830688	7.87814045
ENSMUSG00000058856	6.367066661	9.738641413	12.00456781	4.832746033	7.161945863
ENSMUSG00000058886	34.66514071	57.04061399	51.54902649	63.6311561	53.71459398
ENSMUSG00000058900	69.33028142	81.38721752	69.20280268	63.6311561	65.17370736
ENSMUSG00000058904	2.829807405	1.391234488	2.118453143	3.221830688	2.148583759
ENSMUSG00000058921	9.904325918	5.56493795	4.943057334	3.221830688	5.729556691
ENSMUSG00000058923	9.904325918	5.56493795	4.943057334	2.416373016	5.729556691
ENSMUSG00000058975	8.489422215	7.651789682	7.767661525	7.249119049	5.729556691
ENSMUSG00000058976	0.707451851	2.086851731	0	0	0.716194586
ENSMUSG00000058979	46.69182218	77.9091313	59.31668801	45.10562964	48.70123187
ENSMUSG00000058981	9.196874066	2.782468975	11.29841676	6.443661377	7.87814045
ENSMUSG00000058997	12.73413332	23.65098629	23.30298458	15.30369577	14.32389173
ENSMUSG00000059030	12.02668147	7.651789682	8.473812573	4.02728836	10.7429188
ENSMUSG00000059040	12.02668147	13.21672763	10.59226572	5.638203705	8.594335036
ENSMUSG00000059042	4.244711108	7.651789682	6.35535943	3.221830688	5.729556691
ENSMUSG00000059069	9.196874066	7.651789682	4.236906287	7.249119049	3.580972932
ENSMUSG00000059077	6.367066661	8.347406925	7.767661525	7.249119049	8.594335036
ENSMUSG00000059089	4.952162959	9.043024169	9.179963621	9.665492065	9.310529622
ENSMUSG00000059105	7.074518513	9.738641413	9.886114669	7.249119049	5.013362104
ENSMUSG00000059106	14.85648888	6.260555194	5.649208382	8.054576721	8.594335036
ENSMUSG00000059108	12.02668147	6.956172438	8.473812573	10.47094974	5.013362104
ENSMUSG00000059113	12.02668147	8.347406925	5.649208382	0	7.161945863
ENSMUSG00000059114	9.196874066	11.1298759	3.530755239	4.832746033	9.310529622
ENSMUSG00000059119	57.30359995	83.47406925	79.08891735	186.0607223	121.0368851
ENSMUSG00000059128	9.196874066	9.043024169	5.649208382	9.665492065	4.297167518
ENSMUSG00000059182	19.10119998	25.73783802	26.12758877	18.52552646	30.08017263

ENSMUSG00000059189	7.781970364	8.347406925	3.530755239	4.02728836	5.013362104
ENSMUSG00000059206	13.44158517	7.651789682	6.35535943	2.416373016	10.02672421
ENSMUSG00000059213	10.61177777	9.738641413	7.061510478	9.665492065	5.013362104
ENSMUSG00000059227	9.196874066	9.043024169	7.767661525	8.860034393	5.729556691
ENSMUSG00000059230	7.781970364	6.956172438	7.061510478	7.249119049	3.580972932
ENSMUSG00000059246	12.02668147	6.260555194	7.061510478	6.443661377	9.310529622
ENSMUSG00000059256	12.02668147	9.738641413	8.473812573	8.054576721	11.45911338
ENSMUSG00000059263	41.03220737	79.30036579	72.02740687	102.2931244	88.09193412
ENSMUSG00000059273	51.64398514	68.17048989	54.37363068	216.6681138	153.2656415
ENSMUSG00000059278	18.39374813	41.04141738	39.54445867	62.02024075	54.43078856
ENSMUSG00000059279	14.14903703	6.956172438	7.061510478	4.832746033	7.87814045
ENSMUSG00000059301	7.074518513	9.738641413	8.473812573	7.249119049	9.310529622
ENSMUSG00000059316	9.196874066	18.78166558	14.829172	16.10915344	12.89150255
ENSMUSG00000059319	8.489422215	9.738641413	4.943057334	4.832746033	3.580972932
ENSMUSG00000059326	4.244711108	6.260555194	4.236906287	5.638203705	7.87814045
ENSMUSG00000059327	2.829807405	6.260555194	6.35535943	5.638203705	0.716194586
ENSMUSG00000059334	3.537259256	3.478086219	3.530755239	0.805457672	4.297167518
ENSMUSG00000059343	7.074518513	4.869320706	8.473812573	3.221830688	3.580972932
ENSMUSG00000059361	13.44158517	8.347406925	2.118453143	12.08186508	5.013362104
ENSMUSG00000059366	9.904325918	8.347406925	7.767661525	5.638203705	4.297167518
ENSMUSG00000059375	10.61177777	11.1298759	7.767661525	6.443661377	4.297167518
ENSMUSG00000059395	4.244711108	9.043024169	8.473812573	3.221830688	9.310529622
ENSMUSG00000059406	6.367066661	4.869320706	9.886114669	3.221830688	10.02672421
ENSMUSG00000059408	9.904325918	4.173703463	6.35535943	2.416373016	6.445751277
ENSMUSG00000059409	41.73965922	52.17129328	60.02283906	83.7675979	70.18706946
ENSMUSG00000059411	9.904325918	6.260555194	6.35535943	5.638203705	4.297167518
ENSMUSG00000059412	12.73413332	6.260555194	4.943057334	5.638203705	5.729556691
ENSMUSG00000059434	9.904325918	7.651789682	12.00456781	5.638203705	7.161945863
ENSMUSG00000059455	6.367066661	5.56493795	7.061510478	5.638203705	6.445751277
ENSMUSG00000059463	11.31922962	9.043024169	9.179963621	6.443661377	11.45911338
ENSMUSG00000059473	7.781970364	6.260555194	9.179963621	8.860034393	9.310529622
ENSMUSG00000059479	204.453585	191.294742	217.4945227	63.6311561	76.63282074
ENSMUSG00000059481	9.196874066	6.956172438	9.886114669	8.054576721	10.7429188
ENSMUSG00000059488	7.781970364	8.347406925	10.59226572	4.832746033	7.87814045
ENSMUSG00000059503	12.73413332	7.651789682	7.767661525	7.249119049	5.013362104
ENSMUSG00000059534	77.11225179	109.2119073	90.38733411	160.2860767	117.4559122
ENSMUSG00000059547	11.31922962	7.651789682	7.767661525	8.054576721	6.445751277
ENSMUSG00000059555	13.44158517	16.69481385	14.12302096	31.41284921	32.22875639
ENSMUSG00000059586	89.84638511	138.4278315	123.5764334	124.0404815	104.5644096
ENSMUSG00000059606	8.489422215	5.56493795	3.530755239	3.221830688	10.7429188
ENSMUSG00000059623	6.367066661	5.56493795	8.473812573	6.443661377	1.432389173
ENSMUSG00000059625	6.367066661	4.173703463	7.767661525	4.02728836	9.310529622
ENSMUSG00000059632	9.904325918	4.869320706	4.943057334	4.832746033	4.297167518

ENSMUSG00000059645	12.73413332	7.651789682	12.00456781	11.27640741	5.729556691
ENSMUSG00000059648	9.196874066	11.1298759	4.943057334	7.249119049	7.161945863
ENSMUSG00000059654	10.61177777	11.1298759	4.943057334	5.638203705	9.310529622
ENSMUSG00000059657	7.781970364	9.738641413	5.649208382	5.638203705	5.729556691
ENSMUSG00000059663	4.952162959	7.651789682	3.530755239	4.02728836	2.148583759
ENSMUSG00000059668	10.61177777	4.869320706	3.530755239	6.443661377	4.297167518
ENSMUSG00000059669	29.71297775	51.47567604	42.36906287	35.44013757	45.12025894
ENSMUSG00000059674	10.61177777	13.91234488	13.41686991	9.665492065	17.90486466
ENSMUSG00000059687	14.85648888	9.738641413	9.886114669	11.27640741	13.60769714
ENSMUSG00000059690	4.244711108	3.478086219	4.236906287	4.832746033	6.445751277
ENSMUSG00000059734	43.86201478	59.82308296	67.08434954	91.82217462	88.09193412
ENSMUSG00000059762	8.489422215	10.43425866	8.473812573	7.249119049	10.02672421
ENSMUSG00000059816	10.61177777	18.78166558	10.59226572	4.832746033	12.17530797
ENSMUSG00000059832	11.31922962	7.651789682	7.061510478	12.08186508	4.297167518
ENSMUSG00000059839	45.98437033	83.47406925	57.90438592	29.80193387	31.5125618
ENSMUSG00000059845	8.489422215	3.478086219	4.943057334	8.054576721	9.310529622
ENSMUSG00000059852	7.781970364	7.651789682	9.886114669	5.638203705	5.013362104
ENSMUSG00000059854	11.31922962	5.56493795	7.767661525	6.443661377	7.87814045
ENSMUSG00000059867	8.489422215	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000059887	9.196874066	7.651789682	10.59226572	2.416373016	7.87814045
ENSMUSG00000059898	11.31922962	4.173703463	8.473812573	9.665492065	4.297167518
ENSMUSG00000059908	4.244711108	4.869320706	7.061510478	5.638203705	6.445751277
ENSMUSG00000059920	29.71297775	57.73623123	54.37363068	59.60386773	55.14698315
ENSMUSG00000059964	8.489422215	6.956172438	9.886114669	6.443661377	9.310529622
ENSMUSG00000059970	12.02668147	13.91234488	15.53532305	8.860034393	10.7429188
ENSMUSG00000059991	3.537259256	6.956172438	4.236906287	3.221830688	5.729556691
ENSMUSG00000060012	46.69182218	85.56092098	60.02283906	49.132918	37.95831308
ENSMUSG00000060017	8.489422215	6.956172438	7.061510478	4.02728836	7.87814045
ENSMUSG00000060032	52.35143699	89.0390072	62.1412922	177.2006879	118.8883013
ENSMUSG00000060034	14.14903703	5.56493795	4.943057334	8.054576721	6.445751277
ENSMUSG00000060044	12.73413332	25.04222078	19.77222934	10.47094974	12.89150255
ENSMUSG00000060049	9.196874066	4.869320706	6.35535943	5.638203705	6.445751277
ENSMUSG00000060057	7.781970364	10.43425866	10.59226572	4.832746033	5.013362104
ENSMUSG00000060063	9.196874066	12.52111039	7.767661525	5.638203705	9.310529622
ENSMUSG00000060073	123.804074	141.9059177	120.0456781	288.3538466	225.6012947
ENSMUSG00000060093	0	0.695617244	1.412302096	0.805457672	0
ENSMUSG00000060114	9.904325918	9.738641413	8.473812573	3.221830688	3.580972932
ENSMUSG00000060166	26.1757185	40.34580014	44.48751601	40.2728836	37.24211849
ENSMUSG00000060177	3.537259256	4.173703463	12.00456781	4.832746033	7.87814045
ENSMUSG00000060181	33.95768886	60.51870021	52.25517753	47.52200265	32.94495097
ENSMUSG00000060183	8.489422215	10.43425866	7.061510478	5.638203705	5.013362104
ENSMUSG00000060187	12.73413332	11.82549314	12.00456781	7.249119049	7.87814045
ENSMUSG00000060188	5.65961481	6.260555194	5.649208382	8.860034393	9.310529622

ENSMUSG00000060204	9.904325918	3.478086219	6.35535943	4.832746033	6.445751277
ENSMUSG00000060205	9.196874066	9.738641413	6.35535943	9.665492065	7.87814045
ENSMUSG00000060208	9.904325918	5.56493795	7.767661525	7.249119049	8.594335036
ENSMUSG00000060224	5.65961481	6.956172438	7.061510478	2.416373016	5.013362104
ENSMUSG00000060244	9.196874066	11.1298759	14.829172	13.69278043	9.310529622
ENSMUSG00000060245	5.65961481	6.956172438	9.179963621	5.638203705	7.161945863
ENSMUSG00000060257	5.65961481	6.260555194	3.530755239	5.638203705	3.580972932
ENSMUSG00000060284	6.367066661	1.391234488	4.943057334	11.27640741	7.87814045
ENSMUSG00000060301	43.86201478	73.0398106	63.5535943	37.85651059	45.83645353
ENSMUSG00000060303	6.367066661	3.478086219	6.35535943	2.416373016	7.87814045
ENSMUSG00000060317	10.61177777	4.869320706	10.59226572	5.638203705	9.310529622
ENSMUSG00000060332	3.537259256	5.56493795	4.236906287	4.832746033	8.594335036
ENSMUSG00000060336	21.22355554	37.56333116	28.95219296	23.35827249	29.36397804
ENSMUSG00000060376	116.7295555	176.6867799	139.1117564	101.4876667	90.95671247
ENSMUSG00000060397	16.97884443	22.2597518	26.83373982	12.08186508	4.297167518
ENSMUSG00000060402	8.489422215	2.782468975	8.473812573	2.416373016	6.445751277
ENSMUSG00000060407	9.904325918	6.956172438	5.649208382	5.638203705	4.297167518
ENSMUSG00000060461	9.904325918	6.956172438	8.473812573	4.832746033	5.729556691
ENSMUSG00000060469	12.73413332	7.651789682	4.943057334	6.443661377	3.580972932
ENSMUSG00000060470	5.65961481	6.260555194	6.35535943	4.832746033	7.87814045
ENSMUSG00000060487	5.65961481	4.173703463	4.236906287	3.221830688	8.594335036
ENSMUSG00000060499	11.31922962	9.043024169	8.473812573	3.221830688	8.594335036
ENSMUSG00000060503	15.56394073	3.478086219	8.473812573	12.88732275	6.445751277
ENSMUSG00000060509	2.829807405	7.651789682	9.179963621	5.638203705	10.7429188
ENSMUSG00000060512	10.61177777	6.260555194	2.824604191	4.02728836	4.297167518
ENSMUSG00000060556	12.02668147	8.347406925	6.35535943	1.610915344	6.445751277
ENSMUSG00000060560	6.367066661	4.869320706	3.530755239	7.249119049	6.445751277
ENSMUSG00000060565	12.73413332	5.56493795	20.47838039	8.860034393	9.310529622
ENSMUSG00000060583	9.196874066	5.56493795	3.530755239	3.221830688	5.729556691
ENSMUSG00000060591	11.31922962	8.347406925	11.29841676	21.74735715	15.7562809
ENSMUSG00000060594	3.537259256	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG00000060615	4.244711108	6.956172438	7.061510478	4.832746033	5.013362104
ENSMUSG00000060630	7.781970364	10.43425866	8.473812573	2.416373016	5.729556691
ENSMUSG00000060639	1.414903703	2.782468975	3.530755239	4.02728836	2.148583759
ENSMUSG00000060657	77.11225179	121.0374004	105.9226572	147.398754	128.9150255
ENSMUSG00000060663	9.904325918	7.651789682	6.35535943	2.416373016	5.013362104
ENSMUSG00000060673	2.829807405	4.173703463	4.236906287	0.805457672	4.297167518
ENSMUSG00000060678	2.829807405	6.260555194	3.530755239	1.610915344	2.864778345
ENSMUSG00000060685	2.829807405	0.695617244	1.412302096	1.610915344	2.864778345
ENSMUSG00000060688	10.61177777	5.56493795	5.649208382	4.02728836	4.297167518
ENSMUSG00000060691	6.367066661	9.738641413	6.35535943	6.443661377	5.729556691
ENSMUSG00000060708	33.25023701	54.25814501	52.25517753	83.7675979	65.88990194
ENSMUSG00000060715	12.02668147	7.651789682	8.473812573	5.638203705	7.87814045

ENSMUSG00000060716	10.61177777	7.651789682	6.35535943	5.638203705	8.594335036
ENSMUSG00000060735	7.781970364	5.56493795	7.061510478	1.610915344	5.013362104
ENSMUSG00000060738	14.85648888	7.651789682	7.061510478	8.860034393	5.729556691
ENSMUSG00000060739	53.7663407	108.51629	86.15042783	153.8424154	105.9967988
ENSMUSG00000060756	9.904325918	9.043024169	4.943057334	4.832746033	5.013362104
ENSMUSG00000060780	4.244711108	6.260555194	5.649208382	3.221830688	5.729556691
ENSMUSG00000060794	7.781970364	9.043024169	4.943057334	10.47094974	12.17530797
ENSMUSG00000060798	4.244711108	11.82549314	9.886114669	4.832746033	4.297167518
ENSMUSG00000060802	150.6872443	185.0341868	166.6516473	388.2305979	275.7349157
ENSMUSG00000060803	21.93100739	28.52030699	29.65834401	44.30017197	41.53928601
ENSMUSG00000060807	6.367066661	7.651789682	7.767661525	6.443661377	6.445751277
ENSMUSG00000060860	67.20792587	83.47406925	78.3827663	272.2446932	189.7915654
ENSMUSG00000060878	7.781970364	4.173703463	9.886114669	6.443661377	2.864778345
ENSMUSG00000060882	7.781970364	4.173703463	10.59226572	8.054576721	10.02672421
ENSMUSG00000060913	5.65961481	8.347406925	11.29841676	3.221830688	3.580972932
ENSMUSG00000060923	9.904325918	9.738641413	11.29841676	3.221830688	2.148583759
ENSMUSG00000060935	23.34591109	27.82468975	29.65834401	37.05105292	41.53928601
ENSMUSG00000060967	6.367066661	2.086851731	2.118453143	0.805457672	4.297167518
ENSMUSG00000060969	9.196874066	11.1298759	2.118453143	2.416373016	5.013362104
ENSMUSG00000060974	14.14903703	11.1298759	12.00456781	4.02728836	7.87814045
ENSMUSG00000060981	1.414903703	5.56493795	2.824604191	5.638203705	1.432389173
ENSMUSG00000060992	77.81970364	104.3425866	92.50578726	95.04400531	75.20043157
ENSMUSG00000061013	6.367066661	8.347406925	7.767661525	4.02728836	3.580972932
ENSMUSG00000061024	19.80865184	14.60796212	24.00913562	49.132918	42.97167518
ENSMUSG00000061028	15.56394073	23.65098629	12.00456781	10.47094974	11.45911338
ENSMUSG00000061039	8.489422215	8.347406925	10.59226572	7.249119049	5.729556691
ENSMUSG00000061046	15.56394073	29.91154148	34.60140134	13.69278043	20.05344842
ENSMUSG00000061048	10.61177777	5.56493795	9.886114669	1.610915344	7.87814045
ENSMUSG00000061065	5.65961481	3.478086219	1.412302096	0.805457672	3.580972932
ENSMUSG00000061068	7.781970364	10.43425866	7.061510478	7.249119049	5.729556691
ENSMUSG00000061100	12.02668147	6.260555194	11.29841676	4.02728836	6.445751277
ENSMUSG00000061104	14.85648888	16.69481385	19.06607829	24.96918783	11.45911338
ENSMUSG00000061111	12.73413332	33.3896277	30.36449505	32.21830688	27.93158887
ENSMUSG00000061118	33.95768886	52.17129328	57.90438592	68.46390213	68.75468029
ENSMUSG00000061119	24.05336294	53.56252777	45.19366706	58.79841006	61.59273443
ENSMUSG00000061144	7.781970364	9.738641413	5.649208382	8.860034393	10.7429188
ENSMUSG00000061184	5.65961481	12.52111039	7.767661525	4.02728836	6.445751277
ENSMUSG00000061208	9.196874066	9.738641413	6.35535943	5.638203705	9.310529622
ENSMUSG00000061210	7.074518513	6.956172438	4.236906287	6.443661377	6.445751277
ENSMUSG00000061273	14.85648888	19.47728283	21.89068248	45.91108731	37.95831308
ENSMUSG00000061286	103.9954221	143.2971522	138.4056054	91.82217462	86.65954495
ENSMUSG00000061295	13.44158517	6.260555194	12.00456781	4.02728836	6.445751277
ENSMUSG00000061311	0	0	0.706151048	0	0

ENSMUSG00000061313	12.02668147	16.69481385	12.00456781	39.46742593	37.95831308
ENSMUSG00000061360	64.37811846	98.08203137	110.1595635	223.9172328	174.0352845
ENSMUSG00000061392	3.537259256	4.173703463	4.236906287	3.221830688	0.716194586
ENSMUSG00000061397	5.65961481	6.260555194	5.649208382	4.02728836	5.729556691
ENSMUSG00000061410	7.074518513	3.478086219	4.943057334	4.02728836	5.013362104
ENSMUSG00000061414	9.196874066	4.869320706	9.179963621	4.832746033	3.580972932
ENSMUSG00000061457	6.367066661	8.347406925	8.473812573	1.610915344	3.580972932
ENSMUSG00000061477	38.90985182	63.99678643	66.37819849	241.6373016	186.2105924
ENSMUSG00000061482	10.61177777	14.60796212	8.473812573	8.054576721	6.445751277
ENSMUSG00000061489	11.31922962	11.1298759	9.886114669	5.638203705	10.7429188
ENSMUSG00000061517	6.367066661	2.086851731	4.943057334	4.832746033	6.445751277
ENSMUSG00000061524	6.367066661	8.347406925	9.179963621	4.832746033	1.432389173
ENSMUSG00000061525	6.367066661	9.043024169	9.179963621	6.443661377	11.45911338
ENSMUSG00000061527	9.904325918	2.782468975	8.473812573	4.02728836	12.17530797
ENSMUSG00000061531	6.367066661	2.782468975	8.473812573	8.054576721	10.7429188
ENSMUSG00000061540	9.904325918	6.956172438	12.00456781	7.249119049	6.445751277
ENSMUSG00000061549	4.952162959	6.260555194	4.943057334	6.443661377	5.729556691
ENSMUSG00000061578	13.44158517	12.52111039	7.061510478	6.443661377	12.17530797
ENSMUSG00000061584	6.367066661	6.260555194	7.061510478	5.638203705	7.161945863
ENSMUSG00000061603	9.196874066	9.043024169	4.943057334	1.610915344	5.729556691
ENSMUSG00000061614	5.65961481	7.651789682	8.473812573	7.249119049	10.02672421
ENSMUSG00000061615	2.829807405	1.391234488	0.706151048	0.805457672	1.432389173
ENSMUSG00000061616	9.904325918	2.782468975	9.886114669	4.02728836	7.161945863
ENSMUSG00000061633	10.61177777	11.82549314	6.35535943	6.443661377	6.445751277
ENSMUSG00000061650	36.08004441	41.04141738	31.77679715	58.79841006	42.25548059
ENSMUSG00000061665	50.93653329	74.43104508	79.08891735	99.07129367	87.37573953
ENSMUSG00000061666	3.537259256	0	3.530755239	2.416373016	4.297167518
ENSMUSG00000061707	11.31922962	7.651789682	6.35535943	8.054576721	9.310529622
ENSMUSG00000061731	16.27139258	20.17290007	24.71528667	22.55281482	12.89150255
ENSMUSG00000061740	7.074518513	7.651789682	8.473812573	6.443661377	9.310529622
ENSMUSG00000061769	5.65961481	8.347406925	4.236906287	2.416373016	4.297167518
ENSMUSG00000061780	7.074518513	6.260555194	6.35535943	8.860034393	11.45911338
ENSMUSG00000061802	9.196874066	5.56493795	6.35535943	2.416373016	7.87814045
ENSMUSG00000061808	12.02668147	7.651789682	9.886114669	5.638203705	7.161945863
ENSMUSG00000061809	10.61177777	10.43425866	8.473812573	8.860034393	5.013362104
ENSMUSG00000061838	21.93100739	38.95456565	29.65834401	31.41284921	24.35061594
ENSMUSG00000061845	10.61177777	5.56493795	10.59226572	4.02728836	9.310529622
ENSMUSG00000061864	9.904325918	6.956172438	7.767661525	4.02728836	5.729556691
ENSMUSG00000061906	7.074518513	9.043024169	2.118453143	4.832746033	5.729556691
ENSMUSG00000061923	10.61177777	4.869320706	7.061510478	11.27640741	7.161945863
ENSMUSG00000061928	12.73413332	7.651789682	7.061510478	2.416373016	1.432389173
ENSMUSG00000061937	8.489422215	6.956172438	7.767661525	5.638203705	6.445751277
ENSMUSG00000061979	38.20239997	57.73623123	56.49208382	94.23854763	77.34901533



ENSMUSG00000061983	2.829807405	2.782468975	2.118453143	2.416373016	2.148583759
ENSMUSG00000061984	8.489422215	9.043024169	5.649208382	4.832746033	4.297167518
ENSMUSG00000061991	0.707451851	0.695617244	0	0.805457672	0.716194586
ENSMUSG00000062028	14.14903703	12.52111039	14.12302096	12.88732275	10.02672421
ENSMUSG00000062054	21.22355554	22.95536904	19.77222934	14.4982381	23.63442135
ENSMUSG00000062061	5.65961481	4.869320706	7.767661525	8.054576721	7.161945863
ENSMUSG00000062073	9.904325918	5.56493795	7.767661525	7.249119049	5.013362104
ENSMUSG00000062074	7.781970364	4.173703463	9.179963621	3.221830688	10.02672421
ENSMUSG00000062105	4.952162959	9.738641413	9.179963621	4.832746033	4.297167518
ENSMUSG00000062121	7.781970364	9.738641413	5.649208382	7.249119049	5.013362104
ENSMUSG00000062124	10.61177777	4.173703463	5.649208382	5.638203705	5.729556691
ENSMUSG00000062128	7.781970364	7.651789682	7.061510478	7.249119049	5.013362104
ENSMUSG00000062148	7.781970364	3.478086219	5.649208382	5.638203705	8.594335036
ENSMUSG00000062157	4.244711108	8.347406925	8.473812573	12.08186508	9.310529622
ENSMUSG00000062165	14.14903703	7.651789682	9.179963621	9.665492065	6.445751277
ENSMUSG00000062198	73.57499253	121.0374004	96.74269354	172.3679418	143.9551119
ENSMUSG00000062201	4.952162959	7.651789682	7.061510478	2.416373016	2.148583759
ENSMUSG00000062245	12.02668147	7.651789682	6.35535943	3.221830688	8.594335036
ENSMUSG00000062248	24.76081479	27.82468975	31.77679715	106.3204127	76.63282074
ENSMUSG00000062252	7.074518513	4.869320706	10.59226572	4.832746033	7.87814045
ENSMUSG00000062275	14.85648888	6.260555194	6.35535943	6.443661377	8.594335036
ENSMUSG00000062278	7.074518513	2.782468975	6.35535943	3.221830688	10.02672421
ENSMUSG00000062296	6.367066661	4.173703463	8.473812573	3.221830688	7.87814045
ENSMUSG00000062309	8.489422215	6.260555194	7.767661525	3.221830688	6.445751277
ENSMUSG00000062310	6.367066661	6.260555194	4.943057334	5.638203705	6.445751277
ENSMUSG00000062312	6.367066661	10.43425866	13.41686991	4.02728836	5.013362104
ENSMUSG00000062314	12.73413332	6.260555194	9.886114669	4.02728836	6.445751277
ENSMUSG00000062328	0.707451851	0	0.706151048	0	0.716194586
ENSMUSG00000062329	9.904325918	4.173703463	6.35535943	4.02728836	7.161945863
ENSMUSG00000062342	12.02668147	13.91234488	5.649208382	6.443661377	10.7429188
ENSMUSG00000062369	9.904325918	4.869320706	5.649208382	6.443661377	5.729556691
ENSMUSG00000062373	19.80865184	38.25894841	31.77679715	28.9964762	22.91822676
ENSMUSG00000062376	28.29807405	51.47567604	38.83830763	33.02376456	36.5259239
ENSMUSG00000062380	8.489422215	7.651789682	5.649208382	5.638203705	5.013362104
ENSMUSG00000062397	65.79302217	87.64777272	72.73355792	235.9990979	155.4142252
ENSMUSG00000062400	10.61177777	9.043024169	7.767661525	3.221830688	5.729556691
ENSMUSG00000062432	9.904325918	12.52111039	7.767661525	5.638203705	9.310529622
ENSMUSG00000062433	9.196874066	6.260555194	10.59226572	4.02728836	8.594335036
ENSMUSG00000062438	11.31922962	2.086851731	8.473812573	8.054576721	7.87814045
ENSMUSG00000062464	8.489422215	9.738641413	5.649208382	8.860034393	7.161945863
ENSMUSG00000062483	12.73413332	6.260555194	6.35535943	0.805457672	5.729556691
ENSMUSG00000062488	25.46826665	33.3896277	22.59683353	16.91461111	20.05344842
ENSMUSG00000062497	5.65961481	6.956172438	10.59226572	8.860034393	8.594335036

ENSMUSG00000062511	5.65961481	11.1298759	8.473812573	5.638203705	6.445751277
ENSMUSG00000062515	4.952162959	6.956172438	3.530755239	10.47094974	6.445751277
ENSMUSG00000062518	24.05336294	15.30357936	17.65377619	9.665492065	8.594335036
ENSMUSG00000062524	12.02668147	7.651789682	12.00456781	7.249119049	4.297167518
ENSMUSG00000062526	26.88317035	33.3896277	45.8998181	35.44013757	31.5125618
ENSMUSG00000062527	9.904325918	9.738641413	5.649208382	8.860034393	5.729556691
ENSMUSG00000062545	11.31922962	23.65098629	13.41686991	18.52552646	16.47247549
ENSMUSG00000062546	11.31922962	9.738641413	6.35535943	4.832746033	8.594335036
ENSMUSG00000062556	7.781970364	9.043024169	8.473812573	11.27640741	11.45911338
ENSMUSG00000062580	44.56946663	76.51789682	66.37819849	189.2825529	166.157144
ENSMUSG00000062591	18.39374813	14.60796212	26.12758877	10.47094974	15.04008631
ENSMUSG00000062608	8.489422215	2.086851731	6.35535943	2.416373016	5.013362104
ENSMUSG00000062619	17.68629628	31.30277597	30.36449505	36.24559524	38.67450766
ENSMUSG00000062621	4.244711108	6.956172438	7.767661525	5.638203705	13.60769714
ENSMUSG00000062624	9.904325918	11.82549314	7.767661525	3.221830688	5.729556691
ENSMUSG00000062627	99.75071103	140.5146832	111.5718655	136.9278043	110.2939663
ENSMUSG00000062629	7.781970364	4.173703463	6.35535943	7.249119049	7.161945863
ENSMUSG00000062649	9.196874066	7.651789682	7.767661525	3.221830688	9.310529622
ENSMUSG00000062651	4.952162959	2.782468975	5.649208382	4.832746033	1.432389173
ENSMUSG00000062661	4.244711108	6.260555194	9.179963621	8.054576721	5.013362104
ENSMUSG00000062687	9.196874066	4.869320706	9.886114669	6.443661377	4.297167518
ENSMUSG00000062694	5.65961481	3.478086219	8.473812573	1.610915344	7.161945863
ENSMUSG00000062705	9.196874066	6.956172438	10.59226572	4.02728836	5.729556691
ENSMUSG00000062713	4.952162959	5.56493795	7.061510478	4.832746033	10.02672421
ENSMUSG00000062727	8.489422215	9.043024169	7.767661525	7.249119049	5.729556691
ENSMUSG00000062743	21.22355554	36.86771392	35.30755239	23.35827249	26.49919969
ENSMUSG00000062751	9.196874066	9.043024169	10.59226572	3.221830688	5.729556691
ENSMUSG00000062761	53.05888884	53.56252777	36.71985448	67.65844446	41.53928601
ENSMUSG00000062773	4.244711108	7.651789682	6.35535943	8.860034393	8.594335036
ENSMUSG00000062782	5.65961481	6.260555194	4.236906287	7.249119049	4.297167518
ENSMUSG00000062791	4.244711108	2.086851731	6.35535943	0.805457672	4.297167518
ENSMUSG00000062794	21.93100739	17.39043109	15.53532305	32.21830688	31.5125618
ENSMUSG00000062818	9.196874066	8.347406925	9.886114669	5.638203705	14.32389173
ENSMUSG00000062822	65.08557032	98.77764862	89.68118307	87.79488626	72.33565322
ENSMUSG00000062826	13.44158517	5.56493795	7.061510478	6.443661377	10.02672421
ENSMUSG00000062861	4.244711108	11.1298759	4.236906287	7.249119049	10.02672421
ENSMUSG00000062873	10.61177777	4.173703463	5.649208382	3.221830688	5.729556691
ENSMUSG00000062901	62.25576291	86.95215547	93.21193831	37.85651059	45.12025894
ENSMUSG00000062905	9.196874066	8.347406925	10.59226572	4.02728836	5.729556691
ENSMUSG00000062929	34.66514071	60.51870021	50.84287544	66.04752911	65.17370736
ENSMUSG00000062937	29.0055259	49.38882431	47.3121202	78.12939419	68.75468029
ENSMUSG00000062944	16.27139258	25.04222078	23.30298458	46.71654498	29.36397804
ENSMUSG00000062961	9.196874066	8.347406925	9.886114669	8.054576721	5.013362104

ENSMUSG00000062981	21.22355554	36.17209668	27.53989086	41.88379895	34.37734014
ENSMUSG00000062997	85.601674	122.4286349	118.633376	284.3265582	231.3308514
ENSMUSG00000063011	8.489422215	4.173703463	5.649208382	4.02728836	7.161945863
ENSMUSG00000063019	47.39927403	68.17048989	74.14586002	88.60034393	85.22715578
ENSMUSG00000063047	32.54278516	61.9099347	59.31668801	44.30017197	53.71459398
ENSMUSG00000063049	19.80865184	33.3896277	29.65834401	68.46390213	66.60609653
ENSMUSG00000063052	154.2245036	217.7281973	192.779236	300.4357117	242.0737702
ENSMUSG00000063058	9.904325918	14.60796212	6.35535943	7.249119049	9.310529622
ENSMUSG00000063060	10.61177777	5.56493795	4.943057334	6.443661377	7.161945863
ENSMUSG00000063089	8.489422215	4.173703463	3.530755239	2.416373016	2.864778345
ENSMUSG00000063106	12.73413332	4.173703463	5.649208382	3.221830688	7.161945863
ENSMUSG00000063129	9.904325918	7.651789682	4.236906287	4.02728836	6.445751277
ENSMUSG00000063130	9.196874066	5.56493795	7.767661525	5.638203705	10.7429188
ENSMUSG00000063133	8.489422215	4.173703463	5.649208382	5.638203705	10.02672421
ENSMUSG00000063157	8.489422215	5.56493795	7.061510478	8.054576721	7.161945863
ENSMUSG00000063171	9.196874066	7.651789682	7.061510478	4.832746033	9.310529622
ENSMUSG00000063177	3.537259256	6.956172438	6.35535943	7.249119049	8.594335036
ENSMUSG00000063188	8.489422215	4.173703463	10.59226572	4.832746033	9.310529622
ENSMUSG00000063193	6.367066661	2.782468975	9.179963621	7.249119049	6.445751277
ENSMUSG00000063200	16.97884443	28.52030699	23.30298458	78.93485187	59.44415067
ENSMUSG00000063230	5.65961481	6.260555194	6.35535943	5.638203705	6.445751277
ENSMUSG00000063234	4.244711108	10.43425866	12.71071886	5.638203705	7.161945863
ENSMUSG00000063240	7.074518513	10.43425866	5.649208382	6.443661377	5.729556691
ENSMUSG00000063251	6.367066661	6.956172438	9.179963621	5.638203705	2.864778345
ENSMUSG00000063260	9.196874066	3.478086219	4.236906287	3.221830688	5.729556691
ENSMUSG00000063281	36.08004441	45.21512085	54.37363068	48.32746033	54.43078856
ENSMUSG00000063296	12.73413332	6.260555194	5.649208382	4.02728836	6.445751277
ENSMUSG00000063354	7.074518513	15.30357936	7.767661525	26.58010318	25.06681052
ENSMUSG00000063374	8.489422215	4.869320706	8.473812573	7.249119049	8.594335036
ENSMUSG00000063376	4.952162959	9.043024169	6.35535943	4.832746033	5.013362104
ENSMUSG00000063380	7.781970364	6.260555194	9.179963621	1.610915344	5.013362104
ENSMUSG00000063382	33.25023701	43.82388636	40.95676077	62.02024075	61.59273443
ENSMUSG00000063383	6.367066661	7.651789682	10.59226572	5.638203705	10.7429188
ENSMUSG00000063410	123.0966221	146.0796212	128.5194907	174.7843148	138.9417498
ENSMUSG00000063428	7.074518513	4.869320706	6.35535943	4.832746033	7.161945863
ENSMUSG00000063430	4.952162959	6.260555194	6.35535943	6.443661377	5.729556691
ENSMUSG00000063434	5.65961481	8.347406925	6.35535943	7.249119049	6.445751277
ENSMUSG00000063439	21.93100739	37.56333116	32.4829482	28.19101852	37.95831308
ENSMUSG00000063446	4.244711108	6.260555194	7.061510478	6.443661377	5.013362104
ENSMUSG00000063447	24.76081479	29.21592424	32.4829482	18.52552646	30.79636721
ENSMUSG00000063452	3.537259256	6.260555194	3.530755239	7.249119049	5.729556691
ENSMUSG00000063480	149.2723406	167.6437558	144.0548137	356.0122911	247.0871323
ENSMUSG00000063488	7.781970364	9.043024169	9.179963621	7.249119049	5.013362104

ENSMUSG00000063522	9.904325918	11.1298759	9.886114669	8.054576721	7.87814045
ENSMUSG00000063529	7.074518513	4.869320706	7.061510478	2.416373016	5.729556691
ENSMUSG00000063531	10.61177777	5.56493795	9.179963621	6.443661377	7.161945863
ENSMUSG00000063535	16.27139258	17.39043109	21.18453143	13.69278043	10.02672421
ENSMUSG00000063550	118.1444592	174.5999282	145.4671158	195.7262143	152.5494469
ENSMUSG00000063558	6.367066661	6.260555194	11.29841676	10.47094974	7.161945863
ENSMUSG00000063590	9.196874066	4.869320706	9.886114669	7.249119049	8.594335036
ENSMUSG00000063594	9.904325918	9.738641413	8.473812573	8.860034393	7.161945863
ENSMUSG00000063605	4.952162959	2.782468975	5.649208382	5.638203705	5.013362104
ENSMUSG00000063632	4.244711108	6.956172438	5.649208382	3.221830688	5.013362104
ENSMUSG00000063660	9.196874066	13.21672763	9.179963621	9.665492065	5.013362104
ENSMUSG00000063661	6.367066661	4.173703463	7.767661525	8.860034393	5.013362104
ENSMUSG00000063672	4.244711108	7.651789682	3.530755239	9.665492065	5.013362104
ENSMUSG00000063687	6.367066661	8.347406925	7.767661525	5.638203705	10.02672421
ENSMUSG00000063689	3.537259256	4.869320706	2.118453143	0	2.148583759
ENSMUSG00000063694	29.71297775	41.04141738	33.18909925	100.682209	80.92998826
ENSMUSG00000063698	14.85648888	20.17290007	19.77222934	12.08186508	11.45911338
ENSMUSG00000063713	11.31922962	6.260555194	7.767661525	8.860034393	10.02672421
ENSMUSG00000063727	13.44158517	5.56493795	12.00456781	5.638203705	6.445751277
ENSMUSG00000063767	9.904325918	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000063779	9.196874066	14.60796212	14.829172	8.054576721	7.87814045
ENSMUSG00000063780	9.196874066	5.56493795	14.12302096	6.443661377	10.7429188
ENSMUSG00000063787	12.02668147	31.30277597	33.89525029	49.93837567	31.5125618
ENSMUSG00000063796	2.829807405	4.869320706	4.236906287	8.054576721	5.729556691
ENSMUSG00000063800	67.91537772	93.90832791	73.43970897	212.6408254	148.968474
ENSMUSG00000063801	48.81417774	61.9099347	54.37363068	50.74383334	56.57937232
ENSMUSG00000063802	14.85648888	19.47728283	16.94762515	45.91108731	33.66114556
ENSMUSG00000063804	5.65961481	6.956172438	9.179963621	2.416373016	7.161945863
ENSMUSG00000063810	20.51610369	18.78166558	26.12758877	34.6346799	25.78300511
ENSMUSG00000063821	11.31922962	6.956172438	4.943057334	2.416373016	8.594335036
ENSMUSG00000063838	12.02668147	5.56493795	8.473812573	7.249119049	3.580972932
ENSMUSG00000063842	8.489422215	9.043024169	9.179963621	4.02728836	7.161945863
ENSMUSG00000063849	14.85648888	13.91234488	18.35992724	12.88732275	13.60769714
ENSMUSG00000063856	41.03220737	70.95295887	67.79050059	133.7059736	100.2672421
ENSMUSG00000063884	90.55383696	126.6023384	109.4534124	264.9955741	211.277403
ENSMUSG00000063888	58.0110518	75.82227957	56.49208382	212.6408254	153.2656415
ENSMUSG00000063895	65.79302217	77.21351406	71.32125582	157.8697037	124.617858
ENSMUSG00000063900	10.61177777	11.1298759	4.943057334	5.638203705	2.864778345
ENSMUSG00000063903	7.781970364	7.651789682	7.767661525	2.416373016	7.87814045
ENSMUSG00000063904	42.44711108	77.9091313	72.73355792	57.18749472	65.17370736
ENSMUSG00000063932	7.781970364	6.260555194	4.943057334	2.416373016	5.013362104
ENSMUSG00000063935	7.074518513	9.043024169	9.886114669	10.47094974	7.161945863
ENSMUSG00000063953	14.14903703	13.21672763	15.53532305	17.72006879	14.32389173

ENSMUSG00000063954	7.074518513	15.30357936	16.2414741	0.805457672	3.580972932
ENSMUSG00000063971	15.56394073	6.260555194	4.236906287	4.832746033	9.310529622
ENSMUSG00000063998	5.65961481	5.56493795	4.943057334	1.610915344	3.580972932
ENSMUSG00000064016	4.244711108	3.478086219	3.530755239	1.610915344	4.297167518
ENSMUSG00000064023	11.31922962	5.56493795	6.35535943	5.638203705	5.013362104
ENSMUSG00000064052	9.196874066	3.478086219	7.767661525	4.832746033	8.594335036
ENSMUSG00000064063	12.73413332	5.56493795	5.649208382	10.47094974	10.02672421
ENSMUSG00000064109	24.05336294	50.08444155	40.25060972	46.71654498	57.29556691
ENSMUSG00000064121	11.31922962	8.347406925	7.767661525	4.832746033	9.310529622
ENSMUSG00000064128	32.54278516	52.86691053	30.36449505	36.24559524	30.08017263
ENSMUSG00000064129	3.537259256	2.086851731	2.824604191	4.832746033	3.580972932
ENSMUSG00000064137	7.781970364	3.478086219	4.943057334	4.02728836	2.864778345
ENSMUSG00000064147	14.85648888	11.82549314	6.35535943	4.02728836	10.7429188
ENSMUSG00000064156	5.65961481	5.56493795	5.649208382	6.443661377	3.580972932
ENSMUSG00000064158	41.03220737	39.6501829	33.89525029	34.6346799	38.67450766
ENSMUSG00000064165	12.73413332	2.782468975	9.179963621	4.832746033	4.297167518
ENSMUSG00000064168	12.73413332	15.99919661	17.65377619	9.665492065	4.297167518
ENSMUSG00000064177	31.12788146	27.12907251	36.71985448	25.77464551	36.5259239
ENSMUSG00000064181	71.45263698	86.25653823	81.20737049	70.88027514	68.0384857
ENSMUSG00000064201	7.074518513	5.56493795	4.236906287	2.416373016	5.729556691
ENSMUSG00000064210	36.78749627	63.30116918	57.19823487	25.77464551	22.91822676
ENSMUSG00000064213	7.074518513	10.43425866	6.35535943	6.443661377	5.729556691
ENSMUSG00000064220	0	0	0.706151048	0	0.716194586
ENSMUSG00000064225	11.31922962	7.651789682	7.767661525	10.47094974	2.864778345
ENSMUSG00000064254	7.074518513	10.43425866	7.061510478	7.249119049	7.161945863
ENSMUSG00000064262	188.1821924	238.5967146	204.7838039	302.8520847	216.2907651
ENSMUSG00000064272	5.65961481	4.869320706	2.118453143	4.02728836	5.013362104
ENSMUSG00000064325	7.781970364	4.173703463	2.118453143	8.054576721	6.445751277
ENSMUSG00000064330	16.97884443	9.738641413	8.473812573	7.249119049	10.02672421
ENSMUSG00000064333	10.61177777	7.651789682	4.943057334	0.805457672	7.161945863
ENSMUSG00000065956	12.73413332	4.173703463	10.59226572	8.054576721	3.580972932
ENSMUSG00000065968	7.781970364	4.869320706	12.71071886	8.860034393	12.17530797
ENSMUSG00000066009	19.10119998	11.1298759	14.829172	10.47094974	12.89150255
ENSMUSG00000066027	8.489422215	6.260555194	6.35535943	5.638203705	6.445751277
ENSMUSG00000066030	9.904325918	7.651789682	9.886114669	4.832746033	6.445751277
ENSMUSG00000066042	74.28244438	109.2119073	84.73812573	175.5897725	133.2121931
ENSMUSG00000066061	7.074518513	4.173703463	12.00456781	8.054576721	11.45911338
ENSMUSG00000066071	13.44158517	6.260555194	10.59226572	5.638203705	4.297167518
ENSMUSG00000066090	11.31922962	9.043024169	6.35535943	1.610915344	7.161945863
ENSMUSG00000066097	10.61177777	8.347406925	6.35535943	6.443661377	4.297167518
ENSMUSG00000066100	10.61177777	6.260555194	4.943057334	4.02728836	2.864778345
ENSMUSG00000066108	8.489422215	4.173703463	7.061510478	7.249119049	5.729556691
ENSMUSG00000066122	11.31922962	9.738641413	6.35535943	5.638203705	6.445751277

ENSMUSG00000066141	10.61177777	9.738641413	8.473812573	4.832746033	7.161945863
ENSMUSG00000066148	54.47379255	93.90832791	74.85201106	169.9515688	168.3057278
ENSMUSG00000066153	8.489422215	2.086851731	7.767661525	5.638203705	10.7429188
ENSMUSG00000066189	8.489422215	3.478086219	11.29841676	8.054576721	7.161945863
ENSMUSG00000066233	25.46826665	39.6501829	29.65834401	38.66196826	34.37734014
ENSMUSG00000066235	7.781970364	2.086851731	6.35535943	5.638203705	11.45911338
ENSMUSG00000066240	5.65961481	6.956172438	9.179963621	7.249119049	5.729556691
ENSMUSG00000066257	7.074518513	2.086851731	6.35535943	6.443661377	8.594335036
ENSMUSG00000066272	9.904325918	8.347406925	4.236906287	2.416373016	7.87814045
ENSMUSG00000066278	121.6817184	162.0788178	165.2393452	164.3133651	129.6312201
ENSMUSG00000066279	10.61177777	4.869320706	10.59226572	8.860034393	8.594335036
ENSMUSG00000066324	65.79302217	100.8645003	75.55816211	113.5695318	111.7263555
ENSMUSG00000066357	45.27691848	52.17129328	46.60596915	59.60386773	47.98503729
ENSMUSG00000066359	9.904325918	4.173703463	2.824604191	6.443661377	5.729556691
ENSMUSG00000066361	11.31922962	4.869320706	6.35535943	3.221830688	5.013362104
ENSMUSG00000066364	10.61177777	2.782468975	4.236906287	4.02728836	7.161945863
ENSMUSG00000066368	9.196874066	3.478086219	10.59226572	7.249119049	5.729556691
ENSMUSG00000066382	8.489422215	10.43425866	7.767661525	7.249119049	6.445751277
ENSMUSG00000066383	13.44158517	6.956172438	14.12302096	8.860034393	7.161945863
ENSMUSG00000066415	105.4103258	139.1234488	126.4010376	314.9339498	220.5879326
ENSMUSG00000066438	10.61177777	6.956172438	6.35535943	5.638203705	2.148583759
ENSMUSG00000066440	30.4204296	39.6501829	42.36906287	55.57657937	50.84981563
ENSMUSG00000066512	8.489422215	9.738641413	11.29841676	8.054576721	7.161945863
ENSMUSG00000066513	5.65961481	4.173703463	5.649208382	5.638203705	8.594335036
ENSMUSG00000066515	8.489422215	7.651789682	4.943057334	5.638203705	8.594335036
ENSMUSG00000066516	7.074518513	7.651789682	9.179963621	3.221830688	7.161945863
ENSMUSG00000066583	2.122355554	9.738641413	3.530755239	4.832746033	5.013362104
ENSMUSG00000066586	7.781970364	7.651789682	7.767661525	5.638203705	10.02672421
ENSMUSG00000066595	20.51610369	29.21592424	17.65377619	28.19101852	34.37734014
ENSMUSG00000066607	7.074518513	6.956172438	6.35535943	9.665492065	5.729556691
ENSMUSG00000066637	20.51610369	39.6501829	31.0706461	14.4982381	20.05344842
ENSMUSG00000066647	89.13893326	139.819066	122.1641313	166.7297381	123.9016634
ENSMUSG00000066652	3.537259256	5.56493795	9.179963621	9.665492065	5.013362104
ENSMUSG00000066687	5.65961481	3.478086219	4.236906287	7.249119049	5.013362104
ENSMUSG00000066704	8.489422215	3.478086219	10.59226572	5.638203705	4.297167518
ENSMUSG00000066705	13.44158517	6.260555194	5.649208382	4.02728836	2.864778345
ENSMUSG00000066720	7.781970364	7.651789682	4.236906287	6.443661377	8.594335036
ENSMUSG00000066721	7.074518513	2.782468975	10.59226572	5.638203705	10.7429188
ENSMUSG00000066735	22.63845924	42.43265187	35.30755239	43.49471429	47.98503729
ENSMUSG00000066747	8.489422215	5.56493795	10.59226572	8.054576721	4.297167518
ENSMUSG00000066748	7.781970364	10.43425866	9.886114669	10.47094974	7.161945863
ENSMUSG00000066750	9.196874066	5.56493795	7.767661525	5.638203705	7.87814045
ENSMUSG00000066755	3.537259256	6.956172438	5.649208382	4.02728836	6.445751277

ENSMUSG00000066756	6.367066661	6.260555194	4.943057334	8.054576721	5.729556691
ENSMUSG00000066797	9.904325918	4.173703463	5.649208382	4.02728836	8.594335036
ENSMUSG00000066798	26.1757185	52.86691053	43.07521391	76.51847885	75.91662615
ENSMUSG00000066804	6.367066661	9.043024169	4.943057334	8.054576721	12.17530797
ENSMUSG00000066828	12.73413332	9.043024169	6.35535943	5.638203705	7.87814045
ENSMUSG00000066829	21.93100739	30.60715873	28.95219296	27.38556085	18.62105924
ENSMUSG00000066838	16.27139258	22.95536904	26.12758877	13.69278043	18.62105924
ENSMUSG00000066850	10.61177777	8.347406925	4.236906287	2.416373016	7.87814045
ENSMUSG00000066867	4.952162959	6.956172438	5.649208382	9.665492065	8.594335036
ENSMUSG00000066896	7.781970364	5.56493795	4.236906287	6.443661377	8.594335036
ENSMUSG00000066897	8.489422215	6.956172438	5.649208382	5.638203705	5.729556691
ENSMUSG00000066905	8.489422215	4.173703463	6.35535943	4.832746033	6.445751277
ENSMUSG00000066964	5.65961481	6.260555194	5.649208382	3.221830688	7.87814045
ENSMUSG00000066979	32.54278516	45.91073809	45.19366706	107.9313281	95.25387998
ENSMUSG00000067010	11.31922962	4.869320706	9.886114669	4.02728836	7.87814045
ENSMUSG00000067049	17.68629628	9.043024169	12.00456781	11.27640741	9.310529622
ENSMUSG00000067071	25.46826665	22.2597518	28.24604191	10.47094974	10.7429188
ENSMUSG00000067144	1.414903703	2.782468975	4.236906287	2.416373016	7.87814045
ENSMUSG00000067149	9.196874066	7.651789682	7.767661525	6.443661377	6.445751277
ENSMUSG00000067150	77.81970364	111.298759	98.15499564	186.0607223	160.4275873
ENSMUSG00000067158	8.489422215	9.738641413	7.767661525	8.860034393	2.864778345
ENSMUSG00000067173	5.65961481	9.738641413	6.35535943	4.02728836	5.729556691
ENSMUSG00000067194	33.25023701	52.17129328	43.07521391	122.4295662	83.07857202
ENSMUSG00000067206	6.367066661	11.82549314	6.35535943	4.02728836	4.297167518
ENSMUSG00000067212	93.38364437	126.6023384	122.8702823	180.4225185	148.968474
ENSMUSG00000067215	0.707451851	1.391234488	4.236906287	2.416373016	2.148583759
ENSMUSG00000067219	4.244711108	7.651789682	8.473812573	2.416373016	5.013362104
ENSMUSG00000067229	12.02668147	6.260555194	7.767661525	8.054576721	7.161945863
ENSMUSG00000067231	4.952162959	8.347406925	7.767661525	6.443661377	6.445751277
ENSMUSG00000067261	4.952162959	2.086851731	2.824604191	0.805457672	1.432389173
ENSMUSG00000067276	4.244711108	3.478086219	5.649208382	2.416373016	4.297167518
ENSMUSG00000067279	4.952162959	2.782468975	7.767661525	7.249119049	4.297167518
ENSMUSG00000067297	8.489422215	18.08604834	9.179963621	53.96566403	38.67450766
ENSMUSG00000067336	2.829807405	9.738641413	9.179963621	5.638203705	7.161945863
ENSMUSG00000067338	7.781970364	7.651789682	9.179963621	4.832746033	6.445751277
ENSMUSG00000067341	65.08557032	105.0382038	75.55816211	134.5114312	108.8615771
ENSMUSG00000067367	92.67619252	124.5154866	132.0502459	175.5897725	135.3607768
ENSMUSG00000067370	24.76081479	40.34580014	44.48751601	77.32393652	67.32229112
ENSMUSG00000067430	19.80865184	27.12907251	23.30298458	20.94189947	22.91822676
ENSMUSG00000067438	10.61177777	4.173703463	2.824604191	8.054576721	3.580972932
ENSMUSG00000067455	5.65961481	8.347406925	8.473812573	6.443661377	7.87814045
ENSMUSG00000067522	13.44158517	9.043024169	11.29841676	4.832746033	3.580972932
ENSMUSG00000067525	9.904325918	6.956172438	11.29841676	5.638203705	7.87814045

ENSMUSG00000067541	9.904325918	12.52111039	5.649208382	5.638203705	7.161945863
ENSMUSG00000067543	10.61177777	6.260555194	8.473812573	4.02728836	7.161945863
ENSMUSG00000067545	7.074518513	5.56493795	9.886114669	8.054576721	5.729556691
ENSMUSG00000067571	5.65961481	8.347406925	6.35535943	8.054576721	6.445751277
ENSMUSG00000067578	10.61177777	5.56493795	8.473812573	2.416373016	6.445751277
ENSMUSG00000067586	30.4204296	42.43265187	36.01370344	161.8969921	118.1721067
ENSMUSG00000067594	11.31922962	4.173703463	4.943057334	6.443661377	8.594335036
ENSMUSG00000067596	9.904325918	6.956172438	7.061510478	7.249119049	12.17530797
ENSMUSG00000067597	4.244711108	2.782468975	4.943057334	2.416373016	4.297167518
ENSMUSG00000067604	7.074518513	8.347406925	5.649208382	12.08186508	7.161945863
ENSMUSG00000067610	6.367066661	10.43425866	4.943057334	5.638203705	5.729556691
ENSMUSG00000067613	7.074518513	2.782468975	7.767661525	8.860034393	7.161945863
ENSMUSG00000067614	5.65961481	4.173703463	7.061510478	3.221830688	5.729556691
ENSMUSG00000067615	10.61177777	12.52111039	4.236906287	3.221830688	10.7429188
ENSMUSG00000067649	2.829807405	6.956172438	2.118453143	2.416373016	2.148583759
ENSMUSG00000067679	5.65961481	5.56493795	2.824604191	0.805457672	1.432389173
ENSMUSG00000067684	4.952162959	4.173703463	5.649208382	5.638203705	1.432389173
ENSMUSG00000067698	14.85648888	9.738641413	15.53532305	6.443661377	9.310529622
ENSMUSG00000067700	17.68629628	12.52111039	13.41686991	12.08186508	12.17530797
ENSMUSG00000067702	7.074518513	7.651789682	7.767661525	5.638203705	4.297167518
ENSMUSG00000067704	11.31922962	6.956172438	7.767661525	8.054576721	5.013362104
ENSMUSG00000067713	65.79302217	86.95215547	82.61967259	80.54576721	70.18706946
ENSMUSG00000067722	24.76081479	56.34499675	45.19366706	78.93485187	74.48423698
ENSMUSG00000067724	7.074518513	4.869320706	5.649208382	8.054576721	6.445751277
ENSMUSG00000067750	10.61177777	6.956172438	9.179963621	5.638203705	5.729556691
ENSMUSG00000067767	11.31922962	5.56493795	6.35535943	4.02728836	4.297167518
ENSMUSG00000067771	1.414903703	2.782468975	4.236906287	4.02728836	3.580972932
ENSMUSG00000067773	2.122355554	1.391234488	1.412302096	1.610915344	3.580972932
ENSMUSG00000067780	5.65961481	4.869320706	7.767661525	8.054576721	7.87814045
ENSMUSG00000067813	11.31922962	9.043024169	6.35535943	7.249119049	7.161945863
ENSMUSG00000067818	7.781970364	7.651789682	7.767661525	7.249119049	10.02672421
ENSMUSG00000067855	18.39374813	7.651789682	7.767661525	3.221830688	8.594335036
ENSMUSG00000067872	9.904325918	18.78166558	22.59683353	12.88732275	17.18867007
ENSMUSG00000067879	14.85648888	4.869320706	10.59226572	8.054576721	8.594335036
ENSMUSG00000067889	9.196874066	2.782468975	9.179963621	8.054576721	5.729556691
ENSMUSG00000067909	10.61177777	2.086851731	4.236906287	3.221830688	1.432389173
ENSMUSG00000067916	49.52162959	53.56252777	55.78593277	49.93837567	55.86317773
ENSMUSG00000067919	31.12788146	18.78166558	32.4829482	13.69278043	23.63442135
ENSMUSG00000067924	6.367066661	5.56493795	2.824604191	6.443661377	3.580972932
ENSMUSG00000067925	2.829807405	4.869320706	4.236906287	1.610915344	4.297167518
ENSMUSG00000067928	11.31922962	25.73783802	16.2414741	19.33098413	15.04008631
ENSMUSG00000067931	9.904325918	15.30357936	12.71071886	16.10915344	22.20203218
ENSMUSG00000067942	57.30359995	95.99517964	62.84744325	107.9313281	80.21379367



ENSMUSG00000067995	74.28244438	128.6891901	86.85657888	146.5932963	121.7530797
ENSMUSG00000067996	8.489422215	6.260555194	7.767661525	6.443661377	8.594335036
ENSMUSG00000068008	10.61177777	4.869320706	2.824604191	6.443661377	10.7429188
ENSMUSG00000068011	8.489422215	7.651789682	4.236906287	4.02728836	10.02672421
ENSMUSG00000068015	78.52715549	118.9505487	94.6242404	126.4568545	114.5911338
ENSMUSG00000068048	4.952162959	6.956172438	4.236906287	2.416373016	7.161945863
ENSMUSG00000068067	9.904325918	9.043024169	4.943057334	3.221830688	5.729556691
ENSMUSG00000068071	9.904325918	8.347406925	8.473812573	8.054576721	6.445751277
ENSMUSG00000068073	11.31922962	5.56493795	9.179963621	2.416373016	7.87814045
ENSMUSG00000068074	9.904325918	6.260555194	6.35535943	5.638203705	5.729556691
ENSMUSG00000068075	8.489422215	5.56493795	8.473812573	4.832746033	2.864778345
ENSMUSG00000068078	5.65961481	4.869320706	5.649208382	8.054576721	2.148583759
ENSMUSG00000068079	12.02668147	6.956172438	6.35535943	7.249119049	3.580972932
ENSMUSG00000068083	3.537259256	5.56493795	8.473812573	7.249119049	6.445751277
ENSMUSG00000068085	0	0	0	0	0
ENSMUSG00000068086	0	0	0	0	0.716194586
ENSMUSG00000068099	9.196874066	13.91234488	6.35535943	9.665492065	7.161945863
ENSMUSG00000068113	3.537259256	3.478086219	4.943057334	4.832746033	2.864778345
ENSMUSG00000068114	38.20239997	62.60555194	61.43514116	78.93485187	65.17370736
ENSMUSG00000068117	12.02668147	6.956172438	5.649208382	9.665492065	7.161945863
ENSMUSG00000068129	9.904325918	11.1298759	12.00456781	8.860034393	14.32389173
ENSMUSG00000068149	3.537259256	4.173703463	2.118453143	3.221830688	2.148583759
ENSMUSG00000068154	6.367066661	6.956172438	6.35535943	55.57657937	40.10689684
ENSMUSG00000068167	7.074518513	7.651789682	9.179963621	7.249119049	8.594335036
ENSMUSG00000068184	20.51610369	32.69401046	40.95676077	53.96566403	68.0384857
ENSMUSG00000068196	10.61177777	6.956172438	7.767661525	3.221830688	8.594335036
ENSMUSG00000068218	5.65961481	2.782468975	4.236906287	4.832746033	4.297167518
ENSMUSG00000068219	5.65961481	4.173703463	2.824604191	1.610915344	4.297167518
ENSMUSG00000068220	16.27139258	18.08604834	17.65377619	10.47094974	18.62105924
ENSMUSG00000068227	9.196874066	5.56493795	4.943057334	12.88732275	15.7562809
ENSMUSG00000068232	9.196874066	5.56493795	9.886114669	4.832746033	9.310529622
ENSMUSG00000068234	8.489422215	9.738641413	12.00456781	5.638203705	2.148583759
ENSMUSG00000068240	11.31922962	7.651789682	9.886114669	15.30369577	20.769643
ENSMUSG00000068246	13.44158517	10.43425866	11.29841676	6.443661377	9.310529622
ENSMUSG00000068252	6.367066661	3.478086219	4.236906287	4.832746033	1.432389173
ENSMUSG00000068267	15.56394073	32.69401046	26.83373982	79.74030954	69.47087488
ENSMUSG00000068289	7.074518513	7.651789682	7.061510478	4.02728836	7.161945863
ENSMUSG00000068302	4.244711108	6.260555194	5.649208382	3.221830688	7.161945863
ENSMUSG00000068327	7.781970364	9.043024169	6.35535943	5.638203705	5.013362104
ENSMUSG00000068328	34.66514071	65.38802092	60.02283906	186.8661799	123.1854689
ENSMUSG00000068335	26.1757185	43.82388636	45.8998181	43.49471429	53.71459398
ENSMUSG00000068341	4.244711108	8.347406925	8.473812573	6.443661377	3.580972932
ENSMUSG00000068391	23.34591109	38.25894841	26.83373982	33.82922223	39.39070225

ENSMUSG00000068392	7.781970364	6.956172438	5.649208382	7.249119049	9.310529622
ENSMUSG00000068394	51.64398514	67.47487265	71.32125582	90.21125927	86.65954495
ENSMUSG00000068407	5.65961481	5.56493795	7.061510478	5.638203705	5.013362104
ENSMUSG00000068417	13.44158517	18.08604834	14.12302096	16.91461111	13.60769714
ENSMUSG00000068426	11.31922962	4.173703463	7.061510478	4.02728836	4.297167518
ENSMUSG00000068428	9.196874066	4.173703463	9.179963621	4.02728836	5.013362104
ENSMUSG00000068431	8.489422215	6.260555194	7.061510478	3.221830688	8.594335036
ENSMUSG00000068437	11.31922962	9.043024169	6.35535943	3.221830688	5.729556691
ENSMUSG00000068479	154.2245036	200.3377662	176.5377619	199.7535027	182.6296195
ENSMUSG00000068506	4.244711108	6.260555194	9.179963621	6.443661377	5.013362104
ENSMUSG00000068522	7.781970364	4.869320706	9.886114669	5.638203705	10.7429188
ENSMUSG00000068547	10.61177777	9.738641413	2.824604191	4.02728836	9.310529622
ENSMUSG00000068587	12.73413332	4.869320706	9.886114669	4.832746033	6.445751277
ENSMUSG00000068606	6.367066661	6.956172438	8.473812573	7.249119049	7.87814045
ENSMUSG00000068614	14.14903703	7.651789682	9.179963621	2.416373016	5.013362104
ENSMUSG00000068615	7.781970364	5.56493795	6.35535943	10.47094974	4.297167518
ENSMUSG00000068617	14.14903703	11.82549314	6.35535943	4.02728836	5.729556691
ENSMUSG00000068696	7.074518513	6.260555194	12.00456781	4.02728836	6.445751277
ENSMUSG00000068697	8.489422215	6.956172438	2.824604191	6.443661377	4.297167518
ENSMUSG00000068732	35.37259256	52.17129328	50.13672439	49.132918	49.41742646
ENSMUSG00000068745	4.952162959	6.260555194	4.236906287	6.443661377	9.310529622
ENSMUSG00000068748	7.074518513	5.56493795	9.886114669	6.443661377	8.594335036
ENSMUSG00000068749	91.26128881	121.7330177	110.1595635	190.8934683	158.9951982
ENSMUSG00000068758	2.122355554	4.173703463	2.824604191	4.02728836	7.87814045
ENSMUSG00000068794	9.904325918	15.30357936	5.649208382	6.443661377	10.02672421
ENSMUSG00000068854	17.68629628	21.56413456	24.00913562	12.88732275	18.62105924
ENSMUSG00000068855	7.074518513	10.43425866	14.12302096	8.860034393	8.594335036
ENSMUSG00000068856	74.98989623	99.47326586	96.0365425	179.6170609	166.8733386
ENSMUSG00000068859	5.65961481	6.956172438	13.41686991	1.610915344	10.02672421
ENSMUSG00000068860	9.904325918	15.99919661	16.94762515	10.47094974	10.7429188
ENSMUSG00000068885	7.074518513	3.478086219	10.59226572	5.638203705	5.013362104
ENSMUSG00000068887	11.31922962	7.651789682	7.061510478	3.221830688	5.729556691
ENSMUSG00000068888	9.196874066	9.043024169	11.29841676	3.221830688	3.580972932
ENSMUSG00000068889	5.65961481	7.651789682	7.061510478	4.02728836	6.445751277
ENSMUSG00000068890	8.489422215	6.956172438	6.35535943	1.610915344	4.297167518
ENSMUSG00000068893	26.88317035	16.69481385	28.95219296	8.860034393	11.45911338
ENSMUSG00000068940	9.904325918	6.260555194	12.71071886	5.638203705	7.161945863
ENSMUSG00000068959	10.61177777	22.2597518	13.41686991	9.665492065	13.60769714
ENSMUSG00000069020	86.30912585	98.77764862	91.79963621	97.46037832	85.94335036
ENSMUSG00000069041	11.31922962	4.869320706	7.767661525	5.638203705	8.594335036
ENSMUSG00000069044	2.829807405	4.869320706	2.118453143	1.610915344	5.729556691
ENSMUSG00000069072	10.61177777	3.478086219	12.00456781	10.47094974	5.013362104
ENSMUSG00000069080	4.244711108	6.260555194	11.29841676	9.665492065	8.594335036

ENSMUSG00000069085	10.61177777	6.956172438	5.649208382	7.249119049	7.87814045
ENSMUSG00000069089	85.601674	109.2119073	86.85657888	122.4295662	119.6044959
ENSMUSG00000069114	27.5906222	43.12826911	39.54445867	29.80193387	27.21539428
ENSMUSG00000069118	8.489422215	6.260555194	6.35535943	4.832746033	5.729556691
ENSMUSG00000069132	9.196874066	6.956172438	9.886114669	4.02728836	4.297167518
ENSMUSG00000069184	8.489422215	6.956172438	9.179963621	4.832746033	10.02672421
ENSMUSG00000069189	12.73413332	7.651789682	7.767661525	4.02728836	14.32389173
ENSMUSG00000069227	10.61177777	6.260555194	4.236906287	4.02728836	9.310529622
ENSMUSG00000069237	21.93100739	37.56333116	35.30755239	37.05105292	35.80972932
ENSMUSG00000069265	0.707451851	2.086851731	3.530755239	1.610915344	3.580972932
ENSMUSG00000069266	9.196874066	7.651789682	5.649208382	9.665492065	7.161945863
ENSMUSG00000069267	1.414903703	4.173703463	0	0.805457672	2.148583759
ENSMUSG00000069268	9.904325918	7.651789682	7.061510478	6.443661377	5.729556691
ENSMUSG00000069270	2.829807405	2.086851731	0.706151048	2.416373016	0.716194586
ENSMUSG00000069272	3.537259256	6.260555194	8.473812573	6.443661377	5.729556691
ENSMUSG00000069273	6.367066661	9.738641413	10.59226572	5.638203705	7.87814045
ENSMUSG00000069274	2.829807405	8.347406925	9.179963621	8.054576721	8.594335036
ENSMUSG00000069300	3.537259256	2.782468975	6.35535943	3.221830688	8.594335036
ENSMUSG00000069301	2.829807405	4.173703463	1.412302096	3.221830688	2.148583759
ENSMUSG00000069302	4.952162959	13.21672763	9.179963621	5.638203705	5.729556691
ENSMUSG00000069303	4.952162959	5.56493795	7.767661525	7.249119049	5.729556691
ENSMUSG00000069305	2.829807405	2.782468975	2.118453143	4.02728836	1.432389173
ENSMUSG00000069306	5.65961481	7.651789682	6.35535943	4.832746033	7.87814045
ENSMUSG00000069308	2.829807405	6.260555194	7.767661525	7.249119049	7.87814045
ENSMUSG00000069310	7.074518513	6.956172438	7.061510478	4.02728836	2.148583759
ENSMUSG00000069372	9.196874066	4.173703463	7.061510478	4.832746033	8.594335036
ENSMUSG00000069385	5.65961481	9.738641413	11.29841676	8.860034393	11.45911338
ENSMUSG00000069421	6.367066661	6.260555194	7.061510478	6.443661377	12.17530797
ENSMUSG00000069430	9.904325918	10.43425866	9.179963621	6.443661377	12.17530797
ENSMUSG00000069441	8.489422215	4.869320706	7.061510478	4.02728836	4.297167518
ENSMUSG00000069456	12.02668147	2.782468975	6.35535943	6.443661377	5.729556691
ENSMUSG00000069515	9.904325918	7.651789682	6.35535943	8.054576721	10.02672421
ENSMUSG00000069516	11.31922962	6.956172438	7.767661525	4.832746033	2.864778345
ENSMUSG00000069520	22.63845924	38.25894841	28.24604191	30.60739154	30.79636721
ENSMUSG00000069582	7.074518513	4.869320706	4.943057334	9.665492065	5.013362104
ENSMUSG00000069583	9.196874066	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG00000069588	8.489422215	9.043024169	6.35535943	8.860034393	11.45911338
ENSMUSG00000069607	9.904325918	7.651789682	7.061510478	4.832746033	8.594335036
ENSMUSG00000069609	12.02668147	6.956172438	6.35535943	8.860034393	8.594335036
ENSMUSG00000069662	22.63845924	34.08524495	31.77679715	95.84946298	65.88990194
ENSMUSG00000069668	9.196874066	6.260555194	9.179963621	5.638203705	3.580972932
ENSMUSG00000069670	7.781970364	11.1298759	9.886114669	5.638203705	7.161945863
ENSMUSG00000069717	3.537259256	4.173703463	2.118453143	1.610915344	4.297167518

ENSMUSG00000069718	10.61177777	11.82549314	7.061510478	7.249119049	7.87814045
ENSMUSG00000069720	30.4204296	10.43425866	8.473812573	19.33098413	11.45911338
ENSMUSG00000069721	3.537259256	4.869320706	8.473812573	3.221830688	2.864778345
ENSMUSG00000069722	4.244711108	6.260555194	4.943057334	6.443661377	4.297167518
ENSMUSG00000069727	16.27139258	36.17209668	33.18909925	14.4982381	29.36397804
ENSMUSG00000069743	19.10119998	20.17290007	19.77222934	11.27640741	17.18867007
ENSMUSG00000069744	60.84085921	88.34338996	81.91352154	127.2623122	105.2806042
ENSMUSG00000069763	6.367066661	10.43425866	15.53532305	3.221830688	10.02672421
ENSMUSG00000069792	7.074518513	5.56493795	6.35535943	4.832746033	5.013362104
ENSMUSG00000069806	7.781970364	5.56493795	5.649208382	7.249119049	5.729556691
ENSMUSG00000069814	12.73413332	4.173703463	4.236906287	6.443661377	7.87814045
ENSMUSG00000069818	9.904325918	5.56493795	4.236906287	4.832746033	5.729556691
ENSMUSG00000069855	7.074518513	5.56493795	7.767661525	1.610915344	6.445751277
ENSMUSG00000069867	0	1.391234488	0	0	2.148583759
ENSMUSG00000069873	7.781970364	4.869320706	9.886114669	9.665492065	7.161945863
ENSMUSG00000069874	0	0.695617244	0.706151048	0.805457672	0
ENSMUSG00000069892	45.98437033	84.86530374	54.37363068	80.54576721	54.43078856
ENSMUSG00000069895	50.22908144	45.91073809	50.84287544	76.51847885	66.60609653
ENSMUSG00000069910	41.73965922	47.30197258	50.84287544	174.7843148	119.6044959
ENSMUSG00000069917	7.781970364	11.1298759	7.061510478	7.249119049	8.594335036
ENSMUSG00000069919	9.196874066	4.869320706	2.118453143	4.832746033	3.580972932
ENSMUSG00000069971	8.489422215	7.651789682	6.35535943	11.27640741	7.87814045
ENSMUSG00000069998	11.31922962	14.60796212	9.886114669	4.02728836	8.594335036
ENSMUSG00000070002	81.3569629	111.298759	97.44884459	106.3204127	123.1854689
ENSMUSG00000070056	26.88317035	31.30277597	38.83830763	74.10210583	63.74131818
ENSMUSG00000070283	9.196874066	13.91234488	12.00456781	20.1364418	15.7562809
ENSMUSG00000070287	7.781970364	8.347406925	10.59226572	7.249119049	9.310529622
ENSMUSG00000070291	7.074518513	6.956172438	4.943057334	9.665492065	7.161945863
ENSMUSG00000070298	8.489422215	7.651789682	2.118453143	7.249119049	4.297167518
ENSMUSG00000070306	5.65961481	13.21672763	13.41686991	5.638203705	15.04008631
ENSMUSG00000070311	9.196874066	4.869320706	5.649208382	1.610915344	7.161945863
ENSMUSG00000070313	12.73413332	6.260555194	9.886114669	4.832746033	4.297167518
ENSMUSG00000070319	58.0110518	86.25653823	99.56729774	199.7535027	165.4409494
ENSMUSG00000070324	4.952162959	5.56493795	8.473812573	5.638203705	6.445751277
ENSMUSG00000070332	10.61177777	4.173703463	7.767661525	4.832746033	5.013362104
ENSMUSG00000070334	10.61177777	9.043024169	4.943057334	12.88732275	7.161945863
ENSMUSG00000070335	8.489422215	4.869320706	9.886114669	2.416373016	8.594335036
ENSMUSG00000070336	10.61177777	11.82549314	9.179963621	16.10915344	17.90486466
ENSMUSG00000070345	13.44158517	18.78166558	19.06607829	17.72006879	21.48583759
ENSMUSG00000070348	6.367066661	2.782468975	9.886114669	3.221830688	4.297167518
ENSMUSG00000070360	8.489422215	8.347406925	7.767661525	4.832746033	8.594335036
ENSMUSG00000070366	6.367066661	6.260555194	6.35535943	4.02728836	7.161945863
ENSMUSG00000070368	6.367066661	9.043024169	10.59226572	5.638203705	5.729556691

ENSMUSG00000070374	10.61177777	8.347406925	8.473812573	7.249119049	6.445751277
ENSMUSG00000070375	9.904325918	9.738641413	10.59226572	7.249119049	5.729556691
ENSMUSG00000070383	6.367066661	8.347406925	4.236906287	4.02728836	5.013362104
ENSMUSG00000070388	9.196874066	9.043024169	7.767661525	10.47094974	7.87814045
ENSMUSG00000070407	4.244711108	9.043024169	14.829172	6.443661377	7.161945863
ENSMUSG00000070417	7.074518513	8.347406925	7.767661525	7.249119049	5.729556691
ENSMUSG00000070420	99.75071103	157.9051143	134.8748501	216.6681138	182.6296195
ENSMUSG00000070421	8.489422215	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000070423	7.781970364	3.478086219	9.886114669	5.638203705	5.729556691
ENSMUSG00000070427	8.489422215	12.52111039	12.71071886	14.4982381	12.89150255
ENSMUSG00000070462	27.5906222	33.3896277	43.07521391	68.46390213	70.18706946
ENSMUSG00000070471	5.65961481	11.1298759	7.767661525	12.08186508	7.161945863
ENSMUSG00000070473	9.196874066	3.478086219	3.530755239	6.443661377	9.310529622
ENSMUSG00000070493	72.86754068	112.6899935	108.7472614	202.1698757	179.7648412
ENSMUSG00000070498	4.244711108	4.869320706	9.886114669	3.221830688	7.87814045
ENSMUSG00000070504	7.074518513	9.043024169	9.886114669	8.860034393	5.729556691
ENSMUSG00000070520	22.63845924	32.69401046	33.89525029	63.6311561	47.98503729
ENSMUSG00000070526	7.074518513	8.347406925	2.824604191	3.221830688	5.013362104
ENSMUSG00000070527	9.904325918	6.260555194	5.649208382	4.02728836	5.729556691
ENSMUSG00000070529	6.367066661	4.173703463	4.236906287	3.221830688	8.594335036
ENSMUSG00000070530	6.367066661	8.347406925	4.236906287	7.249119049	5.013362104
ENSMUSG00000070531	4.952162959	7.651789682	9.179963621	5.638203705	5.013362104
ENSMUSG00000070532	9.904325918	6.956172438	6.35535943	3.221830688	5.013362104
ENSMUSG00000070544	40.32475552	70.25734162	56.49208382	111.9586164	97.40246374
ENSMUSG00000070546	8.489422215	4.869320706	7.767661525	7.249119049	5.729556691
ENSMUSG00000070547	5.65961481	6.956172438	7.767661525	7.249119049	9.310529622
ENSMUSG00000070550	12.73413332	10.43425866	10.59226572	3.221830688	7.87814045
ENSMUSG00000070551	9.196874066	11.1298759	9.179963621	4.832746033	7.161945863
ENSMUSG00000070552	6.367066661	9.738641413	8.473812573	4.832746033	7.161945863
ENSMUSG00000070563	7.781970364	6.956172438	6.35535943	21.74735715	15.7562809
ENSMUSG00000070570	9.196874066	6.260555194	7.767661525	8.860034393	9.310529622
ENSMUSG00000070576	4.952162959	2.782468975	9.179963621	4.02728836	5.729556691
ENSMUSG00000070577	9.196874066	5.56493795	9.179963621	8.860034393	9.310529622
ENSMUSG00000070604	12.02668147	5.56493795	4.943057334	4.832746033	7.161945863
ENSMUSG00000070605	31.83533331	29.91154148	30.36449505	24.16373016	21.48583759
ENSMUSG00000070617	9.904325918	11.1298759	6.35535943	3.221830688	7.87814045
ENSMUSG00000070619	7.074518513	6.260555194	9.179963621	2.416373016	3.580972932
ENSMUSG00000070637	14.85648888	11.82549314	11.29841676	12.08186508	7.87814045
ENSMUSG00000070639	6.367066661	13.21672763	7.767661525	15.30369577	12.17530797
ENSMUSG00000070645	12.73413332	7.651789682	9.886114669	8.054576721	4.297167518
ENSMUSG00000070661	4.244711108	7.651789682	7.061510478	8.054576721	11.45911338
ENSMUSG00000070677	7.074518513	5.56493795	8.473812573	2.416373016	5.729556691
ENSMUSG00000070683	9.904325918	2.782468975	5.649208382	6.443661377	5.013362104

ENSMUSG00000070690	6.367066661	6.956172438	3.530755239	4.832746033	7.161945863
ENSMUSG00000070695	7.074518513	7.651789682	7.767661525	2.416373016	2.864778345
ENSMUSG00000070697	43.86201478	63.30116918	48.01827125	227.9445212	172.6028953
ENSMUSG00000070699	27.5906222	22.2597518	16.2414741	36.24559524	26.49919969
ENSMUSG00000070702	4.2447111108	9.043024169	6.35535943	4.832746033	3.580972932
ENSMUSG00000070705	14.14903703	22.95536904	21.18453143	8.054576721	14.32389173
ENSMUSG00000070708	4.2447111108	5.56493795	11.29841676	4.02728836	4.297167518
ENSMUSG00000070719	12.73413332	5.56493795	5.649208382	8.860034393	7.87814045
ENSMUSG00000070732	9.196874066	9.738641413	10.59226572	9.665492065	10.7429188
ENSMUSG00000070777	6.367066661	6.956172438	2.118453143	7.249119049	5.729556691
ENSMUSG00000070797	7.781970364	6.260555194	5.649208382	4.02728836	10.7429188
ENSMUSG00000070798	7.074518513	8.347406925	8.473812573	6.443661377	7.87814045
ENSMUSG00000070799	10.61177777	9.043024169	7.061510478	6.443661377	5.013362104
ENSMUSG00000070802	2.122355554	5.56493795	6.35535943	5.638203705	2.864778345
ENSMUSG00000070803	4.952162959	4.869320706	10.59226572	5.638203705	7.87814045
ENSMUSG00000070806	9.196874066	25.04222078	19.06607829	19.33098413	15.04008631
ENSMUSG00000070808	131.5860443	134.254128	147.585569	127.2623122	116.7397176
ENSMUSG00000070811	7.781970364	7.651789682	5.649208382	2.416373016	4.297167518
ENSMUSG00000070822	13.44158517	11.1298759	8.473812573	4.832746033	5.729556691
ENSMUSG00000070823	4.952162959	8.347406925	8.473812573	4.02728836	7.87814045
ENSMUSG00000070828	5.65961481	8.347406925	7.061510478	2.416373016	7.161945863
ENSMUSG00000070841	19.10119998	8.347406925	2.824604191	7.249119049	7.87814045
ENSMUSG00000070866	11.31922962	6.260555194	7.061510478	7.249119049	4.297167518
ENSMUSG00000070867	7.074518513	7.651789682	4.236906287	3.221830688	7.87814045
ENSMUSG00000070870	8.489422215	10.43425866	6.35535943	5.638203705	5.013362104
ENSMUSG00000070873	10.61177777	5.56493795	9.179963621	8.054576721	4.297167518
ENSMUSG00000070877	9.904325918	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000070883	12.73413332	24.34660353	19.06607829	14.4982381	22.91822676
ENSMUSG00000070902	9.196874066	6.260555194	9.886114669	4.02728836	5.729556691
ENSMUSG00000070908	2.122355554	3.478086219	7.061510478	5.638203705	6.445751277
ENSMUSG00000070923	53.05888884	68.86610713	57.19823487	66.04752911	65.17370736
ENSMUSG00000070934	79.94205919	97.38641413	86.15042783	175.5897725	123.9016634
ENSMUSG00000070939	41.73965922	77.21351406	67.08434954	57.18749472	55.86317773
ENSMUSG00000070942	7.074518513	4.173703463	7.061510478	5.638203705	4.297167518
ENSMUSG00000070979	3.537259256	7.651789682	6.35535943	10.47094974	8.594335036
ENSMUSG00000070980	7.074518513	9.043024169	10.59226572	3.221830688	9.310529622
ENSMUSG00000070985	9.196874066	6.956172438	9.179963621	8.860034393	6.445751277
ENSMUSG00000070990	8.489422215	9.738641413	4.943057334	7.249119049	2.864778345
ENSMUSG00000070999	9.904325918	5.56493795	4.236906287	7.249119049	7.161945863
ENSMUSG00000071000	9.904325918	6.260555194	9.886114669	5.638203705	5.013362104
ENSMUSG00000071001	5.65961481	1.391234488	4.236906287	8.054576721	7.87814045
ENSMUSG00000071005	1.414903703	0.695617244	2.824604191	4.832746033	2.864778345
ENSMUSG00000071015	7.781970364	8.347406925	8.473812573	5.638203705	5.729556691

ENSMUSG00000071047	10.61177777	6.956172438	12.00456781	9.665492065	7.161945863
ENSMUSG00000071068	49.52162959	66.7792554	60.02283906	116.7913625	92.38910164
ENSMUSG00000071073	7.781970364	9.738641413	4.943057334	12.08186508	15.7562809
ENSMUSG00000071074	45.27691848	73.0398106	74.14586002	136.9278043	121.0368851
ENSMUSG00000071076	16.27139258	33.3896277	28.95219296	124.8459392	105.2806042
ENSMUSG00000071078	33.25023701	32.69401046	46.60596915	99.87675134	78.06520991
ENSMUSG00000071089	17.68629628	5.56493795	8.473812573	5.638203705	7.161945863
ENSMUSG00000071103	17.68629628	26.43345526	24.71528667	24.96918783	26.49919969
ENSMUSG00000071113	9.904325918	8.347406925	10.59226572	4.832746033	5.729556691
ENSMUSG00000071138	10.61177777	7.651789682	12.00456781	7.249119049	5.013362104
ENSMUSG00000071147	9.904325918	9.043024169	10.59226572	5.638203705	2.864778345
ENSMUSG00000071149	4.952162959	4.869320706	9.179963621	5.638203705	5.729556691
ENSMUSG00000071158	7.074518513	5.56493795	7.767661525	5.638203705	5.729556691
ENSMUSG00000071165	9.904325918	6.260555194	10.59226572	6.443661377	5.013362104
ENSMUSG00000071177	4.244711108	4.869320706	5.649208382	10.47094974	7.161945863
ENSMUSG00000071179	7.781970364	8.347406925	4.236906287	3.221830688	9.310529622
ENSMUSG00000071180	41.03220737	75.12666233	54.37363068	75.71302118	73.76804239
ENSMUSG00000071185	7.781970364	8.347406925	12.71071886	6.443661377	8.594335036
ENSMUSG00000071192	10.61177777	9.738641413	11.29841676	8.860034393	13.60769714
ENSMUSG00000071202	12.73413332	20.17290007	20.47838039	23.35827249	16.47247549
ENSMUSG00000071203	10.61177777	18.08604834	19.77222934	16.10915344	9.310529622
ENSMUSG00000071229	9.196874066	14.60796212	10.59226572	13.69278043	10.02672421
ENSMUSG00000071230	5.65961481	9.043024169	7.767661525	5.638203705	8.594335036
ENSMUSG00000071234	7.074518513	4.173703463	6.35535943	4.832746033	5.729556691
ENSMUSG00000071252	26.88317035	59.82308296	38.13215658	55.57657937	45.83645353
ENSMUSG00000071253	18.39374813	38.25894841	28.95219296	24.16373016	22.20203218
ENSMUSG00000071256	33.95768886	51.47567604	33.89525029	64.43661377	72.33565322
ENSMUSG00000071262	9.904325918	8.347406925	3.530755239	9.665492065	5.013362104
ENSMUSG00000071317	9.904325918	4.869320706	7.767661525	3.221830688	7.161945863
ENSMUSG00000071335	9.196874066	7.651789682	6.35535943	4.02728836	8.594335036
ENSMUSG00000071340	11.31922962	4.173703463	3.530755239	6.443661377	10.02672421
ENSMUSG00000071341	6.367066661	4.869320706	6.35535943	2.416373016	4.297167518
ENSMUSG00000071342	7.074518513	12.52111039	6.35535943	2.416373016	6.445751277
ENSMUSG00000071347	10.61177777	7.651789682	9.179963621	8.054576721	5.729556691
ENSMUSG00000071356	10.61177777	5.56493795	5.649208382	7.249119049	5.729556691
ENSMUSG00000071361	9.196874066	2.086851731	10.59226572	5.638203705	5.013362104
ENSMUSG00000071379	18.39374813	16.69481385	24.71528667	16.91461111	17.18867007
ENSMUSG00000071392	7.781970364	5.56493795	7.061510478	4.832746033	7.161945863
ENSMUSG00000071398	5.65961481	4.173703463	12.00456781	3.221830688	5.729556691
ENSMUSG00000071415	0	4.173703463	2.118453143	2.416373016	3.580972932
ENSMUSG00000071452	10.61177777	9.738641413	14.12302096	3.221830688	7.87814045
ENSMUSG00000071470	7.074518513	5.56493795	8.473812573	5.638203705	7.87814045
ENSMUSG00000071471	13.44158517	9.738641413	9.179963621	3.221830688	3.580972932

ENSMUSG00000071478	0.707451851	4.173703463	2.118453143	0	0.716194586
ENSMUSG00000071481	8.489422215	9.043024169	9.886114669	1.610915344	8.594335036
ENSMUSG00000071489	12.73413332	5.56493795	4.943057334	4.832746033	8.594335036
ENSMUSG00000071497	5.65961481	6.260555194	9.179963621	8.860034393	8.594335036
ENSMUSG00000071506	7.781970364	2.782468975	8.473812573	5.638203705	3.580972932
ENSMUSG00000071510	14.14903703	8.347406925	7.061510478	8.054576721	11.45911338
ENSMUSG00000071517	9.904325918	9.043024169	5.649208382	8.054576721	7.161945863
ENSMUSG00000071519	9.196874066	9.043024169	7.061510478	6.443661377	7.161945863
ENSMUSG00000071521	13.44158517	5.56493795	6.35535943	3.221830688	7.161945863
ENSMUSG00000071522	10.61177777	6.956172438	9.179963621	4.832746033	7.87814045
ENSMUSG00000071528	125.2189777	185.7298041	170.8885536	256.9409974	210.5612084
ENSMUSG00000071531	7.781970364	4.869320706	3.530755239	4.832746033	8.594335036
ENSMUSG00000071537	10.61177777	4.173703463	8.473812573	4.832746033	5.013362104
ENSMUSG00000071540	8.489422215	5.56493795	7.061510478	12.08186508	5.013362104
ENSMUSG00000071547	17.68629628	8.347406925	8.473812573	9.665492065	5.013362104
ENSMUSG00000071552	8.489422215	6.260555194	6.35535943	20.94189947	13.60769714
ENSMUSG00000071561	9.904325918	8.347406925	12.71071886	6.443661377	6.445751277
ENSMUSG00000071562	8.489422215	4.869320706	7.061510478	7.249119049	9.310529622
ENSMUSG00000071604	11.31922962	4.869320706	7.767661525	6.443661377	7.161945863
ENSMUSG00000071629	8.489422215	6.260555194	3.530755239	3.221830688	3.580972932
ENSMUSG00000071636	5.65961481	12.52111039	9.179963621	9.665492065	9.310529622
ENSMUSG00000071645	42.44711108	67.47487265	61.43514116	168.3406535	133.9283876
ENSMUSG00000071646	42.44711108	70.25734162	78.3827663	242.4427593	181.9134249
ENSMUSG00000071647	15.56394073	31.30277597	24.00913562	40.2728836	34.37734014
ENSMUSG00000071648	22.63845924	31.30277597	28.24604191	30.60739154	25.78300511
ENSMUSG00000071649	33.25023701	52.86691053	42.36906287	86.18397091	73.05184781
ENSMUSG00000071650	74.98989623	116.863697	100.9795998	170.7570265	135.3607768
ENSMUSG00000071652	58.0110518	84.1696865	82.61967259	160.2860767	123.9016634
ENSMUSG00000071653	39.61730367	66.08363816	58.61053696	160.2860767	137.5093606
ENSMUSG00000071654	22.63845924	50.7800588	26.12758877	30.60739154	37.24211849
ENSMUSG00000071656	9.904325918	7.651789682	12.00456781	6.443661377	10.02672421
ENSMUSG00000071658	12.73413332	16.69481385	16.2414741	15.30369577	15.7562809
ENSMUSG00000071659	44.56946663	54.95376226	72.02740687	248.080963	184.0620087
ENSMUSG00000071661	26.1757185	60.51870021	51.54902649	42.68925662	42.25548059
ENSMUSG00000071662	48.10672589	57.73623123	42.36906287	133.7059736	88.80812871
ENSMUSG00000071679	3.537259256	2.782468975	7.767661525	1.610915344	3.580972932
ENSMUSG00000071686	4.952162959	5.56493795	4.236906287	2.416373016	3.580972932
ENSMUSG00000071713	17.68629628	32.69401046	19.06607829	38.66196826	46.55264811
ENSMUSG00000071714	10.61177777	5.56493795	4.943057334	17.72006879	4.297167518
ENSMUSG00000071716	9.904325918	6.260555194	9.886114669	5.638203705	8.594335036
ENSMUSG00000071719	4.952162959	2.086851731	0	5.638203705	2.148583759
ENSMUSG00000071722	2.122355554	3.478086219	2.118453143	5.638203705	2.864778345
ENSMUSG00000071723	3.537259256	1.391234488	3.530755239	5.638203705	5.729556691



ENSMUSG00000071726	5.65961481	3.478086219	4.943057334	1.610915344	3.580972932
ENSMUSG00000071738	4.952162959	2.782468975	2.118453143	3.221830688	4.297167518
ENSMUSG00000071745	7.074518513	2.086851731	4.943057334	3.221830688	2.148583759
ENSMUSG00000071749	9.196874066	3.478086219	13.41686991	4.832746033	7.87814045
ENSMUSG00000071767	8.489422215	4.173703463	6.35535943	1.610915344	1.432389173
ENSMUSG00000071770	5.65961481	4.869320706	7.061510478	4.02728836	5.013362104
ENSMUSG00000071771	8.489422215	4.869320706	2.824604191	4.02728836	1.432389173
ENSMUSG00000071773	4.244711108	6.260555194	5.649208382	4.832746033	5.013362104
ENSMUSG00000071788	7.781970364	4.869320706	1.412302096	4.02728836	3.580972932
ENSMUSG00000071815	4.952162959	2.782468975	1.412302096	2.416373016	2.864778345
ENSMUSG00000071816	1.414903703	2.086851731	2.118453143	3.221830688	1.432389173
ENSMUSG00000071855	8.489422215	11.82549314	7.061510478	11.27640741	16.47247549
ENSMUSG00000071858	7.781970364	13.91234488	6.35535943	6.443661377	6.445751277
ENSMUSG00000071860	4.952162959	2.086851731	2.118453143	4.02728836	0.716194586
ENSMUSG00000071862	15.56394073	19.47728283	11.29841676	6.443661377	10.7429188
ENSMUSG00000071890	8.489422215	9.043024169	9.886114669	4.02728836	7.161945863
ENSMUSG00000071893	9.196874066	7.651789682	9.179963621	5.638203705	8.594335036
ENSMUSG00000071909	7.781970364	6.260555194	11.29841676	6.443661377	5.729556691
ENSMUSG00000071937	9.904325918	4.869320706	11.29841676	7.249119049	2.148583759
ENSMUSG00000072049	10.61177777	11.82549314	4.236906287	3.221830688	4.297167518
ENSMUSG00000072082	31.12788146	22.95536904	26.12758877	98.265836	57.29556691
ENSMUSG00000072100	6.367066661	5.56493795	12.00456781	4.02728836	4.297167518
ENSMUSG00000072145	11.31922962	10.43425866	7.061510478	8.860034393	7.87814045
ENSMUSG00000072188	46.69182218	13.91234488	19.06607829	17.72006879	13.60769714
ENSMUSG00000072214	8.489422215	2.782468975	4.943057334	4.02728836	7.161945863
ENSMUSG00000072235	31.12788146	34.78086219	37.42600553	40.2728836	30.08017263
ENSMUSG00000072249	2.122355554	2.782468975	4.236906287	4.02728836	4.297167518
ENSMUSG00000072259	8.489422215	13.21672763	6.35535943	8.054576721	7.161945863
ENSMUSG00000072295	12.02668147	5.56493795	4.236906287	4.832746033	5.013362104
ENSMUSG00000072419	6.367066661	9.738641413	9.179963621	9.665492065	7.87814045
ENSMUSG00000072423	7.781970364	9.738641413	6.35535943	8.860034393	7.87814045
ENSMUSG00000072437	10.61177777	9.738641413	9.886114669	14.4982381	14.32389173
ENSMUSG00000072473	7.074518513	6.260555194	4.236906287	9.665492065	9.310529622
ENSMUSG00000072494	5.65961481	7.651789682	4.236906287	12.88732275	9.310529622
ENSMUSG00000072501	60.84085921	84.86530374	74.14586002	86.18397091	78.06520991
ENSMUSG00000072511	7.074518513	2.086851731	10.59226572	5.638203705	4.297167518
ENSMUSG00000072568	9.904325918	27.82468975	26.12758877	16.10915344	16.47247549
ENSMUSG00000072571	12.02668147	10.43425866	10.59226572	17.72006879	12.89150255
ENSMUSG00000072572	8.489422215	4.869320706	7.767661525	8.860034393	6.445751277
ENSMUSG00000072575	4.952162959	5.56493795	6.35535943	6.443661377	2.148583759
ENSMUSG00000072582	78.52715549	139.819066	119.3395271	249.6918783	196.2373167
ENSMUSG00000072595	9.196874066	4.173703463	14.12302096	7.249119049	2.864778345
ENSMUSG00000072596	10.61177777	4.173703463	4.943057334	6.443661377	8.594335036

ENSMUSG00000072598	7.074518513	8.347406925	6.35535943	1.610915344	8.594335036
ENSMUSG00000072601	7.074518513	6.956172438	7.767661525	8.860034393	7.87814045
ENSMUSG00000072618	9.196874066	11.82549314	4.943057334	11.27640741	7.87814045
ENSMUSG00000072620	96.21345177	111.298759	86.85657888	270.6337778	188.3591762
ENSMUSG00000072623	7.781970364	3.478086219	5.649208382	7.249119049	6.445751277
ENSMUSG00000072624	10.61177777	8.347406925	6.35535943	3.221830688	5.729556691
ENSMUSG00000072625	8.489422215	4.173703463	3.530755239	7.249119049	7.161945863
ENSMUSG00000072647	11.31922962	7.651789682	9.179963621	8.054576721	8.594335036
ENSMUSG00000072662	11.31922962	15.30357936	8.473812573	4.832746033	8.594335036
ENSMUSG00000072694	41.03220737	53.56252777	42.36906287	74.9075635	78.06520991
ENSMUSG00000072704	14.85648888	29.91154148	21.89068248	25.77464551	26.49919969
ENSMUSG00000072708	7.074518513	8.347406925	7.061510478	0.805457672	10.02672421
ENSMUSG00000072709	8.489422215	11.1298759	9.179963621	6.443661377	7.87814045
ENSMUSG00000072718	7.781970364	10.43425866	6.35535943	4.832746033	7.161945863
ENSMUSG00000072722	10.61177777	6.956172438	5.649208382	5.638203705	8.594335036
ENSMUSG00000072726	8.489422215	3.478086219	9.886114669	5.638203705	5.729556691
ENSMUSG00000072739	10.61177777	9.043024169	7.767661525	2.416373016	5.013362104
ENSMUSG00000072754	11.31922962	12.52111039	7.767661525	9.665492065	9.310529622
ENSMUSG00000072762	53.7663407	87.64777272	82.61967259	50.74383334	66.60609653
ENSMUSG00000072770	7.781970364	17.39043109	15.53532305	8.860034393	12.17530797
ENSMUSG00000072772	0	0.695617244	2.824604191	0	2.148583759
ENSMUSG00000072813	14.14903703	2.782468975	7.061510478	6.443661377	12.17530797
ENSMUSG00000072821	8.489422215	6.260555194	7.767661525	4.832746033	7.87814045
ENSMUSG00000072822	13.44158517	9.738641413	6.35535943	4.832746033	5.729556691
ENSMUSG00000072845	9.196874066	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000072872	30.4204296	59.12746572	50.84287544	49.132918	52.2822048
ENSMUSG00000072878	7.074518513	7.651789682	12.00456781	2.416373016	5.729556691
ENSMUSG00000072888	3.537259256	6.956172438	2.118453143	2.416373016	1.432389173
ENSMUSG00000072889	14.85648888	27.82468975	19.77222934	15.30369577	16.47247549
ENSMUSG00000072905	12.73413332	10.43425866	7.061510478	4.832746033	8.594335036
ENSMUSG00000072915	9.196874066	6.956172438	6.35535943	7.249119049	4.297167518
ENSMUSG00000072923	1.414903703	4.173703463	2.824604191	0.805457672	6.445751277
ENSMUSG00000072930	4.952162959	4.869320706	4.943057334	4.832746033	2.864778345
ENSMUSG00000072931	2.829807405	2.782468975	4.943057334	0.805457672	3.580972932
ENSMUSG00000072941	9.196874066	7.651789682	5.649208382	7.249119049	7.87814045
ENSMUSG00000072945	2.829807405	5.56493795	1.412302096	2.416373016	2.864778345
ENSMUSG00000072949	5.65961481	11.1298759	3.530755239	2.416373016	10.7429188
ENSMUSG00000072952	6.367066661	5.56493795	3.530755239	8.054576721	5.729556691
ENSMUSG00000072969	0	0	0	0	0
ENSMUSG00000072972	5.65961481	9.043024169	6.35535943	8.860034393	7.87814045
ENSMUSG00000072974	8.489422215	10.43425866	4.943057334	6.443661377	7.87814045
ENSMUSG00000072980	56.5961481	54.25814501	59.31668801	98.265836	90.95671247
ENSMUSG00000072983	14.85648888	5.56493795	10.59226572	4.02728836	6.445751277

ENSMUSG00000072995	6.367066661	3.478086219	2.118453143	3.221830688	1.432389173
ENSMUSG00000073002	10.61177777	15.99919661	16.2414741	16.10915344	10.7429188
ENSMUSG00000073006	2.829807405	2.086851731	5.649208382	3.221830688	4.297167518
ENSMUSG00000073010	3.537259256	2.782468975	4.943057334	3.221830688	4.297167518
ENSMUSG00000073012	4.952162959	4.869320706	2.118453143	4.02728836	2.148583759
ENSMUSG00000073016	33.25023701	49.38882431	38.83830763	34.6346799	35.09353473
ENSMUSG00000073043	5.65961481	3.478086219	4.236906287	3.221830688	5.729556691
ENSMUSG00000073062	14.85648888	29.21592424	24.71528667	49.132918	37.24211849
ENSMUSG00000073063	6.367066661	9.738641413	5.649208382	3.221830688	5.013362104
ENSMUSG00000073085	3.537259256	2.782468975	6.35535943	4.02728836	0.716194586
ENSMUSG00000073094	2.829807405	1.391234488	4.943057334	6.443661377	3.580972932
ENSMUSG00000073102	8.489422215	9.738641413	5.649208382	6.443661377	5.729556691
ENSMUSG00000073110	8.489422215	15.30357936	5.649208382	5.638203705	4.297167518
ENSMUSG00000073116	14.85648888	9.043024169	8.473812573	10.47094974	12.89150255
ENSMUSG00000073117	14.14903703	8.347406925	10.59226572	6.443661377	15.04008631
ENSMUSG00000073119	21.93100739	9.738641413	12.00456781	11.27640741	12.17530797
ENSMUSG00000073130	4.244711108	2.782468975	2.824604191	2.416373016	2.148583759
ENSMUSG00000073139	17.68629628	34.78086219	35.30755239	34.6346799	21.48583759
ENSMUSG00000073141	6.367066661	5.56493795	2.118453143	4.02728836	4.297167518
ENSMUSG00000073176	4.952162959	1.391234488	4.943057334	2.416373016	7.161945863
ENSMUSG00000073177	7.074518513	5.56493795	4.943057334	4.02728836	2.148583759
ENSMUSG00000073207	5.65961481	4.173703463	2.824604191	2.416373016	3.580972932
ENSMUSG00000073209	5.65961481	6.956172438	6.35535943	1.610915344	5.729556691
ENSMUSG00000073234	2.122355554	1.391234488	2.824604191	0.805457672	1.432389173
ENSMUSG00000073243	2.829807405	4.869320706	2.824604191	1.610915344	6.445751277
ENSMUSG00000073247	4.244711108	1.391234488	2.824604191	1.610915344	5.013362104
ENSMUSG00000073257	5.65961481	4.173703463	2.118453143	3.221830688	3.580972932
ENSMUSG00000073267	5.65961481	2.086851731	2.824604191	3.221830688	2.864778345
ENSMUSG00000073293	8.489422215	2.086851731	2.824604191	1.610915344	3.580972932
ENSMUSG00000073294	4.244711108	2.782468975	5.649208382	1.610915344	5.013362104
ENSMUSG00000073295	1.414903703	1.391234488	5.649208382	4.832746033	5.013362104
ENSMUSG00000073375	7.074518513	4.173703463	4.943057334	3.221830688	8.594335036
ENSMUSG00000073380	9.196874066	16.69481385	12.71071886	8.054576721	11.45911338
ENSMUSG00000073386	7.074518513	6.956172438	9.179963621	5.638203705	5.729556691
ENSMUSG00000073396	5.65961481	6.260555194	7.061510478	3.221830688	2.864778345
ENSMUSG00000073399	9.196874066	5.56493795	4.236906287	6.443661377	5.013362104
ENSMUSG00000073407	121.6817184	189.9035076	163.120892	255.3300821	179.0486466
ENSMUSG00000073408	11.31922962	6.260555194	12.00456781	7.249119049	5.013362104
ENSMUSG00000073412	8.489422215	13.91234488	16.94762515	16.91461111	10.02672421
ENSMUSG00000073413	9.196874066	7.651789682	8.473812573	9.665492065	8.594335036
ENSMUSG00000073414	11.31922962	9.043024169	10.59226572	12.08186508	7.87814045
ENSMUSG00000073418	6.367066661	4.173703463	1.412302096	3.221830688	6.445751277
ENSMUSG00000073421	181.8151258	195.4684455	185.0115745	351.179545	274.3025266

ENSMUSG00000073423	2.829807405	2.086851731	2.824604191	3.221830688	5.729556691
ENSMUSG00000073424	7.781970364	5.56493795	4.236906287	8.054576721	7.161945863
ENSMUSG00000073457	24.76081479	21.56413456	19.77222934	10.47094974	26.49919969
ENSMUSG00000073458	25.46826665	22.95536904	21.18453143	17.72006879	12.89150255
ENSMUSG00000073460	16.27139258	17.39043109	14.12302096	22.55281482	25.78300511
ENSMUSG00000073471	5.65961481	16.69481385	16.94762515	35.44013757	35.09353473
ENSMUSG00000073481	54.47379255	66.7792554	72.02740687	46.71654498	32.94495097
ENSMUSG00000073489	9.904325918	5.56493795	2.824604191	10.47094974	12.17530797
ENSMUSG00000073494	12.02668147	5.56493795	6.35535943	4.02728836	7.161945863
ENSMUSG00000073497	10.61177777	11.1298759	13.41686991	12.08186508	10.02672421
ENSMUSG00000073514	12.73413332	11.1298759	4.943057334	3.221830688	7.87814045
ENSMUSG00000073532	15.56394073	6.260555194	6.35535943	5.638203705	5.013362104
ENSMUSG00000073542	25.46826665	37.56333116	32.4829482	84.57305557	75.20043157
ENSMUSG00000073551	10.61177777	8.347406925	11.29841676	5.638203705	7.161945863
ENSMUSG00000073555	4.952162959	7.651789682	10.59226572	2.416373016	11.45911338
ENSMUSG00000073563	111.7773925	136.3409798	110.1595635	193.3098413	144.6713064
ENSMUSG00000073565	7.074518513	4.869320706	9.179963621	6.443661377	5.013362104
ENSMUSG00000073568	4.952162959	4.173703463	6.35535943	11.27640741	8.594335036
ENSMUSG00000073574	16.27139258	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG00000073591	4.952162959	5.56493795	7.767661525	2.416373016	5.013362104
ENSMUSG00000073598	8.489422215	7.651789682	9.179963621	8.860034393	13.60769714
ENSMUSG00000073599	10.61177777	7.651789682	6.35535943	9.665492065	3.580972932
ENSMUSG00000073600	12.73413332	27.82468975	19.06607829	16.10915344	10.02672421
ENSMUSG00000073601	0	0	0	0	0
ENSMUSG00000073608	9.196874066	10.43425866	11.29841676	6.443661377	11.45911338
ENSMUSG00000073609	16.97884443	20.17290007	24.71528667	16.91461111	28.64778345
ENSMUSG00000073633	34.66514071	41.73703463	54.37363068	112.7640741	88.80812871
ENSMUSG00000073639	52.35143699	102.9513521	69.90895373	74.9075635	85.22715578
ENSMUSG00000073640	12.73413332	7.651789682	12.00456781	32.21830688	16.47247549
ENSMUSG00000073650	8.489422215	8.347406925	9.886114669	7.249119049	7.161945863
ENSMUSG00000073658	8.489422215	6.956172438	5.649208382	4.832746033	6.445751277
ENSMUSG00000073676	54.47379255	95.2995624	76.97046421	460.7217884	307.2474775
ENSMUSG00000073678	101.8730666	156.5138799	108.0411103	78.93485187	73.76804239
ENSMUSG00000073680	5.65961481	9.043024169	8.473812573	7.249119049	9.310529622
ENSMUSG00000073700	55.88869625	54.95376226	93.21193831	53.16020636	47.2688427
ENSMUSG00000073722	43.15456293	30.60715873	31.0706461	20.1364418	29.36397804
ENSMUSG00000073725	132.2934962	160.6875833	138.4056054	178.0061455	129.6312201
ENSMUSG00000073730	11.31922962	8.347406925	7.767661525	4.832746033	8.594335036
ENSMUSG00000073733	12.02668147	22.2597518	11.29841676	14.4982381	11.45911338
ENSMUSG00000073747	6.367066661	1.391234488	4.236906287	3.221830688	7.87814045
ENSMUSG00000073755	7.074518513	5.56493795	7.767661525	6.443661377	7.87814045
ENSMUSG00000073764	15.56394073	7.651789682	10.59226572	7.249119049	5.729556691
ENSMUSG00000073769	6.367066661	4.869320706	7.061510478	8.054576721	2.148583759

ENSMUSG00000073770	13.44158517	6.260555194	7.061510478	4.832746033	5.729556691
ENSMUSG00000073774	7.781970364	4.173703463	7.767661525	7.249119049	6.445751277
ENSMUSG00000073775	36.78749627	50.7800588	42.36906287	101.4876667	98.11865833
ENSMUSG00000073785	7.781970364	6.260555194	10.59226572	5.638203705	8.594335036
ENSMUSG00000073794	16.97884443	29.21592424	18.35992724	16.10915344	22.91822676
ENSMUSG00000073802	4.244711108	6.956172438	7.767661525	10.47094974	5.013362104
ENSMUSG00000073805	9.904325918	9.738641413	9.179963621	3.221830688	11.45911338
ENSMUSG00000073811	13.44158517	8.347406925	7.061510478	5.638203705	9.310529622
ENSMUSG00000073876	3.537259256	0.695617244	1.412302096	0.805457672	0.716194586
ENSMUSG00000073878	2.829807405	1.391234488	4.943057334	1.610915344	4.297167518
ENSMUSG00000073894	11.31922962	5.56493795	7.061510478	7.249119049	4.297167518
ENSMUSG00000073896	7.074518513	6.956172438	2.824604191	5.638203705	5.729556691
ENSMUSG00000073906	11.31922962	11.1298759	8.473812573	8.054576721	5.013362104
ENSMUSG00000073907	13.44158517	5.56493795	6.35535943	4.02728836	7.161945863
ENSMUSG00000073920	12.02668147	9.043024169	9.179963621	7.249119049	7.87814045
ENSMUSG00000073926	4.952162959	9.043024169	6.35535943	8.054576721	4.297167518
ENSMUSG00000073927	7.074518513	6.956172438	8.473812573	3.221830688	6.445751277
ENSMUSG00000073940	11.31922962	8.347406925	5.649208382	6.443661377	5.729556691
ENSMUSG00000073956	12.02668147	3.478086219	4.943057334	4.02728836	4.297167518
ENSMUSG00000073964	4.952162959	11.82549314	7.061510478	7.249119049	5.729556691
ENSMUSG00000073966	4.952162959	6.260555194	2.824604191	1.610915344	9.310529622
ENSMUSG00000073967	10.61177777	6.260555194	8.473812573	3.221830688	5.013362104
ENSMUSG00000073968	5.65961481	6.260555194	4.943057334	5.638203705	6.445751277
ENSMUSG00000073969	9.196874066	6.956172438	9.886114669	10.47094974	5.729556691
ENSMUSG00000073974	9.904325918	3.478086219	8.473812573	5.638203705	3.580972932
ENSMUSG00000073975	4.952162959	6.260555194	9.179963621	9.665492065	7.161945863
ENSMUSG00000073987	9.196874066	11.1298759	5.649208382	4.832746033	4.297167518
ENSMUSG00000074001	12.02668147	6.260555194	5.649208382	4.832746033	7.87814045
ENSMUSG00000074004	6.367066661	6.956172438	4.943057334	5.638203705	5.729556691
ENSMUSG00000074006	9.904325918	7.651789682	9.179963621	12.08186508	7.161945863
ENSMUSG00000074028	9.196874066	6.956172438	12.00456781	4.02728836	3.580972932
ENSMUSG00000074030	87.01657771	115.4724625	115.1026208	159.4806191	155.4142252
ENSMUSG00000074037	7.074518513	9.738641413	7.061510478	10.47094974	7.87814045
ENSMUSG00000074059	8.489422215	4.173703463	4.943057334	9.665492065	8.594335036
ENSMUSG00000074061	9.196874066	6.956172438	8.473812573	2.416373016	6.445751277
ENSMUSG00000074062	7.781970364	9.738641413	11.29841676	4.02728836	10.02672421
ENSMUSG00000074064	41.03220737	67.47487265	53.66747963	28.9964762	35.80972932
ENSMUSG00000074088	103.2879703	136.3409798	136.2871522	219.0844868	186.2105924
ENSMUSG00000074093	4.952162959	5.56493795	6.35535943	6.443661377	5.013362104
ENSMUSG00000074102	29.0055259	57.04061399	45.8998181	155.4533307	131.0636093
ENSMUSG00000074109	8.489422215	3.478086219	5.649208382	5.638203705	8.594335036
ENSMUSG00000074111	9.904325918	8.347406925	7.061510478	4.02728836	10.7429188
ENSMUSG00000074115	9.196874066	11.1298759	7.767661525	8.054576721	7.87814045

ENSMUSG00000074121	7.781970364	7.651789682	9.179963621	9.665492065	10.02672421
ENSMUSG00000074123	9.904325918	4.173703463	8.473812573	4.02728836	6.445751277
ENSMUSG00000074127	8.489422215	7.651789682	9.886114669	7.249119049	9.310529622
ENSMUSG00000074139	11.31922962	6.260555194	9.886114669	4.832746033	5.013362104
ENSMUSG00000074155	6.367066661	3.478086219	8.473812573	7.249119049	7.87814045
ENSMUSG00000074156	7.074518513	8.347406925	8.473812573	9.665492065	8.594335036
ENSMUSG00000074158	10.61177777	14.60796212	12.00456781	9.665492065	9.310529622
ENSMUSG00000074166	0.707451851	0.695617244	0.706151048	0	0
ENSMUSG00000074170	7.781970364	6.260555194	4.236906287	10.47094974	9.310529622
ENSMUSG00000074182	17.68629628	26.43345526	21.89068248	60.40932541	60.16034525
ENSMUSG00000074183	11.31922962	14.60796212	7.061510478	12.08186508	5.729556691
ENSMUSG00000074195	9.196874066	4.869320706	11.29841676	10.47094974	5.729556691
ENSMUSG00000074199	12.02668147	6.260555194	7.061510478	8.860034393	5.729556691
ENSMUSG00000074211	8.489422215	9.738641413	9.886114669	14.4982381	18.62105924
ENSMUSG00000074212	9.196874066	11.82549314	14.12302096	27.38556085	20.769643
ENSMUSG00000074217	0	0	0.706151048	2.416373016	0
ENSMUSG00000074218	8.489422215	5.56493795	9.886114669	9.665492065	8.594335036
ENSMUSG00000074224	6.367066661	7.651789682	6.35535943	6.443661377	9.310529622
ENSMUSG00000074238	57.30359995	91.82147618	67.79050059	74.9075635	71.61945863
ENSMUSG00000074240	3.537259256	2.782468975	0	4.02728836	2.148583759
ENSMUSG00000074254	10.61177777	5.56493795	4.236906287	3.221830688	6.445751277
ENSMUSG00000074261	8.489422215	11.82549314	12.00456781	7.249119049	12.17530797
ENSMUSG00000074268	6.367066661	13.21672763	13.41686991	7.249119049	10.7429188
ENSMUSG00000074277	33.25023701	40.34580014	34.60140134	18.52552646	18.62105924
ENSMUSG00000074305	26.88317035	48.69320706	26.83373982	43.49471429	48.70123187
ENSMUSG00000074311	9.196874066	3.478086219	9.179963621	4.832746033	1.432389173
ENSMUSG00000074336	0	0	0	0	0
ENSMUSG00000074340	6.367066661	9.043024169	7.767661525	8.054576721	9.310529622
ENSMUSG00000074342	7.781970364	22.95536904	13.41686991	6.443661377	10.7429188
ENSMUSG00000074344	14.14903703	4.869320706	11.29841676	9.665492065	10.7429188
ENSMUSG00000074345	4.952162959	6.260555194	4.236906287	7.249119049	6.445751277
ENSMUSG00000074358	44.56946663	54.25814501	44.48751601	28.19101852	33.66114556
ENSMUSG00000074359	10.61177777	6.260555194	6.35535943	8.054576721	6.445751277
ENSMUSG00000074364	12.02668147	13.21672763	12.00456781	11.27640741	12.17530797
ENSMUSG00000074366	7.781970364	6.260555194	14.829172	8.860034393	8.594335036
ENSMUSG00000074375	12.02668147	6.956172438	12.00456781	6.443661377	7.161945863
ENSMUSG00000074378	11.31922962	6.956172438	7.061510478	3.221830688	7.161945863
ENSMUSG00000074384	12.02668147	5.56493795	6.35535943	8.054576721	2.864778345
ENSMUSG00000074397	4.952162959	6.260555194	9.886114669	5.638203705	8.594335036
ENSMUSG00000074401	4.952162959	5.56493795	8.473812573	6.443661377	9.310529622
ENSMUSG00000074402	9.196874066	9.738641413	7.061510478	8.054576721	8.594335036
ENSMUSG00000074403	2.122355554	5.56493795	7.061510478	1.610915344	2.148583759
ENSMUSG00000074405	31.12788146	59.82308296	44.48751601	108.7367857	90.24051788

ENSMUSG00000074406	43.86201478	82.08283477	62.1412922	57.18749472	63.0251236
ENSMUSG00000074417	16.97884443	14.60796212	18.35992724	11.27640741	16.47247549
ENSMUSG00000074424	11.31922962	5.56493795	10.59226572	6.443661377	2.148583759
ENSMUSG00000074433	16.27139258	9.043024169	10.59226572	6.443661377	8.594335036
ENSMUSG00000074437	0.707451851	0	0	0.805457672	1.432389173
ENSMUSG00000074440	14.14903703	6.260555194	4.236906287	3.221830688	8.594335036
ENSMUSG00000074441	6.367066661	6.260555194	11.29841676	2.416373016	9.310529622
ENSMUSG00000074443	9.904325918	9.043024169	9.886114669	4.832746033	5.729556691
ENSMUSG00000074444	14.14903703	11.82549314	6.35535943	4.02728836	5.729556691
ENSMUSG00000074445	19.80865184	6.956172438	18.35992724	12.88732275	15.7562809
ENSMUSG00000074446	8.489422215	5.56493795	9.179963621	4.832746033	4.297167518
ENSMUSG00000074447	13.44158517	4.173703463	7.061510478	2.416373016	8.594335036
ENSMUSG00000074448	9.904325918	9.738641413	9.179963621	4.832746033	5.729556691
ENSMUSG00000074449	48.10672589	33.3896277	38.83830763	28.19101852	32.22875639
ENSMUSG00000074454	9.904325918	6.956172438	5.649208382	8.054576721	5.013362104
ENSMUSG00000074476	16.97884443	20.86851731	24.00913562	46.71654498	45.12025894
ENSMUSG00000074483	7.781970364	15.99919661	2.824604191	5.638203705	7.161945863
ENSMUSG00000074486	9.904325918	9.738641413	5.649208382	5.638203705	11.45911338
ENSMUSG00000074489	4.952162959	8.347406925	8.473812573	5.638203705	5.729556691
ENSMUSG00000074491	12.02668147	9.738641413	16.2414741	13.69278043	8.594335036
ENSMUSG00000074497	70.74518513	80.69160028	102.3919019	65.24207144	47.2688427
ENSMUSG00000074502	12.73413332	5.56493795	7.061510478	7.249119049	10.02672421
ENSMUSG00000074505	14.14903703	10.43425866	6.35535943	4.832746033	6.445751277
ENSMUSG00000074513	29.71297775	48.69320706	57.19823487	49.93837567	63.74131818
ENSMUSG00000074569	48.81417774	59.12746572	61.43514116	33.02376456	41.53928601
ENSMUSG00000074575	12.73413332	9.043024169	7.767661525	7.249119049	4.297167518
ENSMUSG00000074576	85.601674	109.2119073	93.21193831	178.0061455	158.2790036
ENSMUSG00000074577	13.44158517	7.651789682	9.886114669	8.054576721	7.87814045
ENSMUSG00000074591	14.85648888	17.39043109	8.473812573	5.638203705	5.729556691
ENSMUSG00000074594	9.904325918	6.260555194	9.886114669	4.832746033	9.310529622
ENSMUSG00000074595	14.14903703	6.260555194	2.118453143	5.638203705	11.45911338
ENSMUSG00000074596	7.074518513	5.56493795	8.473812573	5.638203705	9.310529622
ENSMUSG00000074604	7.074518513	7.651789682	8.473812573	8.054576721	8.594335036
ENSMUSG00000074619	14.85648888	27.82468975	15.53532305	5.638203705	17.18867007
ENSMUSG00000074622	5.65961481	8.347406925	4.943057334	5.638203705	7.161945863
ENSMUSG00000074623	17.68629628	7.651789682	4.943057334	3.221830688	5.013362104
ENSMUSG00000074628	6.367066661	6.956172438	7.061510478	7.249119049	7.161945863
ENSMUSG00000074635	16.97884443	15.99919661	18.35992724	15.30369577	20.769643
ENSMUSG00000074637	21.93100739	67.47487265	33.89525029	48.32746033	53.71459398
ENSMUSG00000074639	9.904325918	3.478086219	12.71071886	8.860034393	7.87814045
ENSMUSG00000074647	5.65961481	5.56493795	7.061510478	7.249119049	8.594335036
ENSMUSG00000074651	7.781970364	9.738641413	9.179963621	6.443661377	5.729556691
ENSMUSG00000074652	11.31922962	5.56493795	7.767661525	4.832746033	5.729556691

ENSMUSG00000074655	6.367066661	4.173703463	6.35535943	8.054576721	7.87814045
ENSMUSG00000074657	4.952162959	8.347406925	9.179963621	8.054576721	6.445751277
ENSMUSG00000074671	46.69182218	60.51870021	45.8998181	47.52200265	52.99839939
ENSMUSG00000074676	7.074518513	1.391234488	9.179963621	9.665492065	9.310529622
ENSMUSG00000074678	7.074518513	2.782468975	6.35535943	8.860034393	7.161945863
ENSMUSG00000074679	6.367066661	4.869320706	5.649208382	4.02728836	7.161945863
ENSMUSG00000074681	7.074518513	6.956172438	9.886114669	12.08186508	3.580972932
ENSMUSG00000074682	8.489422215	6.260555194	11.29841676	17.72006879	20.05344842
ENSMUSG00000074695	7.781970364	12.52111039	9.886114669	9.665492065	10.02672421
ENSMUSG00000074715	6.367066661	7.651789682	5.649208382	6.443661377	8.594335036
ENSMUSG00000074731	9.904325918	13.21672763	9.179963621	4.832746033	6.445751277
ENSMUSG00000074734	13.44158517	8.347406925	7.767661525	4.832746033	6.445751277
ENSMUSG00000074738	7.074518513	9.738641413	7.767661525	14.4982381	10.02672421
ENSMUSG00000074743	31.83533331	34.08524495	50.13672439	16.91461111	16.47247549
ENSMUSG00000074746	96.21345177	120.3417832	118.633376	161.8969921	133.9283876
ENSMUSG00000074748	50.22908144	92.51709342	85.44427678	114.3749894	89.52432329
ENSMUSG00000074754	14.14903703	17.39043109	17.65377619	21.74735715	22.20203218
ENSMUSG00000074768	9.904325918	6.956172438	9.179963621	5.638203705	3.580972932
ENSMUSG00000074781	108.2401332	139.819066	139.1117564	218.2790291	193.3725383
ENSMUSG00000074811	39.61730367	50.08444155	48.01827125	56.38203705	51.56601022
ENSMUSG00000074817	7.781970364	6.260555194	8.473812573	4.02728836	6.445751277
ENSMUSG00000074824	9.904325918	9.738641413	5.649208382	8.860034393	12.17530797
ENSMUSG00000074825	17.68629628	29.21592424	32.4829482	28.19101852	35.09353473
ENSMUSG00000074849	11.31922962	6.260555194	3.530755239	7.249119049	10.7429188
ENSMUSG00000074867	20.51610369	37.56333116	24.71528667	20.94189947	26.49919969
ENSMUSG00000074870	9.196874066	8.347406925	8.473812573	2.416373016	5.729556691
ENSMUSG00000074871	5.65961481	4.869320706	9.886114669	4.02728836	4.297167518
ENSMUSG00000074872	7.781970364	11.1298759	6.35535943	7.249119049	6.445751277
ENSMUSG00000074881	69.33028142	88.34338996	90.38733411	135.3168889	115.3073284
ENSMUSG00000074882	16.27139258	6.956172438	5.649208382	3.221830688	7.161945863
ENSMUSG00000074890	65.79302217	91.82147618	83.32582364	128.0677699	110.2939663
ENSMUSG00000074892	9.904325918	4.869320706	7.061510478	3.221830688	4.297167518
ENSMUSG00000074896	14.85648888	30.60715873	23.30298458	13.69278043	10.02672421
ENSMUSG00000074909	55.1812444	61.9099347	77.67661525	68.46390213	51.56601022
ENSMUSG00000074913	8.489422215	4.173703463	5.649208382	12.88732275	7.87814045
ENSMUSG00000074916	10.61177777	17.39043109	19.77222934	13.69278043	16.47247549
ENSMUSG00000074925	28.29807405	41.04141738	37.42600553	47.52200265	48.70123187
ENSMUSG00000074928	7.781970364	12.52111039	9.886114669	4.832746033	9.310529622
ENSMUSG00000074934	4.244711108	4.869320706	4.943057334	4.02728836	5.013362104
ENSMUSG00000074971	8.489422215	4.173703463	8.473812573	5.638203705	8.594335036
ENSMUSG00000074991	10.61177777	4.869320706	12.71071886	5.638203705	3.580972932
ENSMUSG00000074994	16.97884443	22.95536904	21.18453143	34.6346799	27.93158887
ENSMUSG00000074996	7.074518513	6.956172438	3.530755239	4.02728836	6.445751277



ENSMUSG00000074997	8.489422215	10.43425866	13.41686991	7.249119049	12.17530797
ENSMUSG00000075002	9.904325918	10.43425866	4.236906287	3.221830688	9.310529622
ENSMUSG00000075012	3.537259256	11.1298759	7.061510478	8.054576721	4.297167518
ENSMUSG00000075031	12.73413332	9.043024169	9.179963621	6.443661377	5.013362104
ENSMUSG00000075033	79.23460734	106.4294383	112.9841676	211.8353678	169.0219224
ENSMUSG00000075040	76.40479994	102.2557348	115.1026208	115.9859048	121.0368851
ENSMUSG00000075045	28.29807405	19.47728283	28.24604191	18.52552646	20.05344842
ENSMUSG00000075054	16.97884443	34.78086219	22.59683353	41.07834128	28.64778345
ENSMUSG00000075068	9.196874066	10.43425866	2.824604191	8.860034393	7.161945863
ENSMUSG00000075073	7.074518513	7.651789682	9.886114669	4.02728836	7.161945863
ENSMUSG00000075074	8.489422215	11.82549314	8.473812573	4.02728836	5.013362104
ENSMUSG00000075078	8.489422215	11.1298759	10.59226572	4.832746033	5.729556691
ENSMUSG00000075081	5.65961481	6.260555194	8.473812573	4.832746033	5.013362104
ENSMUSG00000075085	9.196874066	8.347406925	3.530755239	2.416373016	6.445751277
ENSMUSG00000075090	8.489422215	9.043024169	8.473812573	6.443661377	4.297167518
ENSMUSG00000075095	9.196874066	9.043024169	10.59226572	2.416373016	4.297167518
ENSMUSG00000075122	14.85648888	14.60796212	13.41686991	44.30017197	37.24211849
ENSMUSG00000075139	10.61177777	10.43425866	10.59226572	9.665492065	5.729556691
ENSMUSG00000075169	7.074518513	4.869320706	6.35535943	4.832746033	7.87814045
ENSMUSG00000075170	6.367066661	9.043024169	5.649208382	2.416373016	2.864778345
ENSMUSG00000075179	9.196874066	9.738641413	4.943057334	6.443661377	5.729556691
ENSMUSG00000075217	8.489422215	4.869320706	7.767661525	4.02728836	5.729556691
ENSMUSG00000075218	10.61177777	7.651789682	3.530755239	4.02728836	5.013362104
ENSMUSG00000075222	8.489422215	4.173703463	5.649208382	4.02728836	6.445751277
ENSMUSG00000075223	9.196874066	9.738641413	4.943057334	5.638203705	8.594335036
ENSMUSG00000075224	10.61177777	3.478086219	8.473812573	3.221830688	5.013362104
ENSMUSG00000075227	33.25023701	36.17209668	30.36449505	97.46037832	78.06520991
ENSMUSG00000075232	111.0699406	138.4278315	140.5240585	224.7226905	183.3458141
ENSMUSG00000075266	16.97884443	23.65098629	18.35992724	80.54576721	59.44415067
ENSMUSG00000075267	9.196874066	6.956172438	7.767661525	3.221830688	5.013362104
ENSMUSG00000075269	11.31922962	11.1298759	8.473812573	8.054576721	5.729556691
ENSMUSG00000075271	8.489422215	9.043024169	11.29841676	7.249119049	9.310529622
ENSMUSG00000075272	7.074518513	9.738641413	7.061510478	4.832746033	7.161945863
ENSMUSG00000075273	6.367066661	8.347406925	9.179963621	7.249119049	7.87814045
ENSMUSG00000075289	32.54278516	38.95456565	33.18909925	15.30369577	17.18867007
ENSMUSG00000075296	6.367066661	4.173703463	4.943057334	4.832746033	7.161945863
ENSMUSG00000075304	7.074518513	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000075307	3.537259256	5.56493795	7.061510478	8.054576721	6.445751277
ENSMUSG00000075334	9.196874066	3.478086219	6.35535943	5.638203705	2.864778345
ENSMUSG00000075394	10.61177777	6.260555194	6.35535943	4.02728836	4.297167518
ENSMUSG00000075402	2.829807405	7.651789682	7.061510478	1.610915344	5.013362104
ENSMUSG00000075419	80.64951104	114.081228	107.3349593	153.0369577	117.4559122
ENSMUSG00000075420	18.39374813	27.82468975	21.18453143	16.10915344	24.35061594

ENSMUSG00000075467	20.51610369	25.73783802	32.4829482	37.05105292	38.67450766
ENSMUSG00000075470	0.707451851	0	0	0	0
ENSMUSG00000075478	12.02668147	8.347406925	11.29841676	7.249119049	4.297167518
ENSMUSG00000075486	26.88317035	44.5195036	36.71985448	41.07834128	46.55264811
ENSMUSG00000075502	18.39374813	25.04222078	11.29841676	25.77464551	26.49919969
ENSMUSG00000075510	7.074518513	9.738641413	9.179963621	9.665492065	7.161945863
ENSMUSG00000075524	11.31922962	7.651789682	8.473812573	7.249119049	9.310529622
ENSMUSG00000075543	8.489422215	8.347406925	8.473812573	4.832746033	7.161945863
ENSMUSG00000075551	23.34591109	11.1298759	10.59226572	5.638203705	7.87814045
ENSMUSG00000075552	10.61177777	9.738641413	10.59226572	8.054576721	7.87814045
ENSMUSG00000075553	21.22355554	37.56333116	42.36906287	33.02376456	31.5125618
ENSMUSG00000075566	5.65961481	5.56493795	5.649208382	5.638203705	8.594335036
ENSMUSG00000075567	7.074518513	9.043024169	3.530755239	6.443661377	4.297167518
ENSMUSG00000075570	8.489422215	6.260555194	12.71071886	5.638203705	5.729556691
ENSMUSG00000075571	7.781970364	4.869320706	7.767661525	7.249119049	7.161945863
ENSMUSG00000075572	9.904325918	2.782468975	7.061510478	9.665492065	7.87814045
ENSMUSG00000075574	6.367066661	9.738641413	8.473812573	4.02728836	7.161945863
ENSMUSG00000075588	5.65961481	4.869320706	4.236906287	4.02728836	6.445751277
ENSMUSG00000075590	4.952162959	4.173703463	4.236906287	7.249119049	6.445751277
ENSMUSG00000075592	12.73413332	4.869320706	7.767661525	2.416373016	7.87814045
ENSMUSG00000075595	33.95768886	63.30116918	57.90438592	32.21830688	32.22875639
ENSMUSG00000075596	203.7461332	267.8126389	228.0867884	129.6786852	137.5093606
ENSMUSG00000075598	4.952162959	5.56493795	4.236906287	3.221830688	3.580972932
ENSMUSG00000075599	0	0	0	0	0
ENSMUSG00000075600	15.56394073	34.08524495	33.89525029	36.24559524	32.22875639
ENSMUSG00000075604	4.952162959	6.260555194	5.649208382	8.860034393	7.161945863
ENSMUSG00000075605	9.196874066	21.56413456	14.829172	7.249119049	9.310529622
ENSMUSG00000075610	8.489422215	5.56493795	8.473812573	4.832746033	5.729556691
ENSMUSG00000075700	72.86754068	91.12585893	96.0365425	189.2825529	143.2389173
ENSMUSG00000075701	29.0055259	61.21431745	48.7244223	76.51847885	73.05184781
ENSMUSG00000075702	2.829807405	6.956172438	8.473812573	4.832746033	7.161945863
ENSMUSG00000075707	8.489422215	5.56493795	3.530755239	6.443661377	11.45911338
ENSMUSG00000076430	60.13340736	102.9513521	85.44427678	48.32746033	61.59273443
ENSMUSG00000076431	25.46826665	18.08604834	25.42143772	8.860034393	8.594335036
ENSMUSG00000076433	8.489422215	4.173703463	9.179963621	7.249119049	9.310529622
ENSMUSG00000076434	10.61177777	9.738641413	12.00456781	9.665492065	8.594335036
ENSMUSG00000076435	60.84085921	75.82227957	69.20280268	64.43661377	53.71459398
ENSMUSG00000076436	7.074518513	4.869320706	4.236906287	8.054576721	5.013362104
ENSMUSG00000076438	4.952162959	6.260555194	3.530755239	7.249119049	9.310529622
ENSMUSG00000076441	7.074518513	7.651789682	9.886114669	12.08186508	11.45911338
ENSMUSG00000078118	8.489422215	8.347406925	7.061510478	3.221830688	2.864778345
ENSMUSG00000078127	7.781970364	4.173703463	7.061510478	9.665492065	7.161945863
ENSMUSG00000078129	5.65961481	6.956172438	2.824604191	6.443661377	2.148583759

ENSMUSG00000078130	19.80865184	7.651789682	12.71071886	8.860034393	7.161945863
ENSMUSG00000078131	7.074518513	9.738641413	10.59226572	4.02728836	5.729556691
ENSMUSG00000078137	7.781970364	10.43425866	9.179963621	4.02728836	7.161945863
ENSMUSG00000078144	8.489422215	7.651789682	13.41686991	8.054576721	5.013362104
ENSMUSG00000078153	76.40479994	98.77764862	95.33039145	46.71654498	37.24211849
ENSMUSG00000078157	7.074518513	13.21672763	9.886114669	22.55281482	19.33725383
ENSMUSG00000078173	13.44158517	15.99919661	21.18453143	12.08186508	16.47247549
ENSMUSG00000078179	10.61177777	6.956172438	8.473812573	3.221830688	5.013362104
ENSMUSG00000078201	41.03220737	77.21351406	52.96132858	87.79488626	84.51096119
ENSMUSG00000078202	4.952162959	12.52111039	9.886114669	7.249119049	13.60769714
ENSMUSG00000078206	4.952162959	4.173703463	3.530755239	1.610915344	0.716194586
ENSMUSG00000078208	2.122355554	0.695617244	3.530755239	2.416373016	3.580972932
ENSMUSG00000078218	1.414903703	2.782468975	1.412302096	1.610915344	3.580972932
ENSMUSG00000078234	0.707451851	0.695617244	0.706151048	0.805457672	1.432389173
ENSMUSG00000078235	6.367066661	6.260555194	8.473812573	5.638203705	4.297167518
ENSMUSG00000078249	7.781970364	10.43425866	9.886114669	18.52552646	11.45911338
ENSMUSG00000078252	9.196874066	4.869320706	5.649208382	11.27640741	7.87814045
ENSMUSG00000078253	2.122355554	2.086851731	2.824604191	4.02728836	2.864778345
ENSMUSG00000078256	7.074518513	3.478086219	8.473812573	4.832746033	2.864778345
ENSMUSG00000078257	9.196874066	4.869320706	4.236906287	4.832746033	4.297167518
ENSMUSG00000078258	8.489422215	3.478086219	7.767661525	5.638203705	5.729556691
ENSMUSG00000078259	13.44158517	9.738641413	9.886114669	12.08186508	5.013362104
ENSMUSG00000078260	11.31922962	9.738641413	7.767661525	5.638203705	8.594335036
ENSMUSG00000078261	12.02668147	6.260555194	9.179963621	8.054576721	7.87814045
ENSMUSG00000078262	12.02668147	3.478086219	8.473812573	7.249119049	7.161945863
ENSMUSG00000078302	8.489422215	7.651789682	5.649208382	4.832746033	5.729556691
ENSMUSG00000078307	13.44158517	2.782468975	4.943057334	4.832746033	5.729556691
ENSMUSG00000078315	7.781970364	2.782468975	3.530755239	4.832746033	2.148583759
ENSMUSG00000078317	15.56394073	21.56413456	31.77679715	24.16373016	13.60769714
ENSMUSG00000078320	2.122355554	3.478086219	7.061510478	2.416373016	3.580972932
ENSMUSG00000078324	6.367066661	2.782468975	4.236906287	4.02728836	2.864778345
ENSMUSG00000078346	5.65961481	3.478086219	3.530755239	2.416373016	2.864778345
ENSMUSG00000078348	8.489422215	5.56493795	7.767661525	7.249119049	9.310529622
ENSMUSG00000078354	13.44158517	4.173703463	9.179963621	3.221830688	8.594335036
ENSMUSG00000078355	6.367066661	8.347406925	6.35535943	4.02728836	5.729556691
ENSMUSG00000078365	7.074518513	10.43425866	4.236906287	7.249119049	5.013362104
ENSMUSG00000078427	76.40479994	123.1242521	115.8087718	214.2517408	182.6296195
ENSMUSG00000078429	0	0	0	0	0
ENSMUSG00000078439	12.73413332	9.738641413	12.00456781	9.665492065	12.89150255
ENSMUSG00000078441	14.14903703	20.17290007	14.829172	41.07834128	32.22875639
ENSMUSG00000078442	7.074518513	3.478086219	7.061510478	4.02728836	9.310529622
ENSMUSG00000078451	13.44158517	20.17290007	24.71528667	14.4982381	13.60769714
ENSMUSG00000078453	50.93653329	61.9099347	69.20280268	77.32393652	75.20043157

ENSMUSG00000078484	9.904325918	16.69481385	12.71071886	78.93485187	61.59273443
ENSMUSG00000078486	12.02668147	12.52111039	14.829172	17.72006879	9.310529622
ENSMUSG00000078487	2.829807405	2.086851731	2.824604191	2.416373016	4.297167518
ENSMUSG00000078490	9.196874066	6.260555194	6.35535943	11.27640741	5.729556691
ENSMUSG00000078491	6.367066661	3.478086219	8.473812573	5.638203705	3.580972932
ENSMUSG00000078496	14.14903703	20.86851731	16.2414741	10.47094974	11.45911338
ENSMUSG00000078503	18.39374813	15.99919661	13.41686991	14.4982381	7.87814045
ENSMUSG00000078504	10.61177777	4.869320706	4.236906287	4.832746033	5.013362104
ENSMUSG00000078507	8.489422215	9.043024169	9.886114669	4.02728836	9.310529622
ENSMUSG00000078511	7.781970364	10.43425866	4.236906287	7.249119049	7.161945863
ENSMUSG00000078512	8.489422215	6.956172438	7.767661525	5.638203705	7.161945863
ENSMUSG00000078513	3.537259256	6.260555194	8.473812573	6.443661377	5.013362104
ENSMUSG00000078515	83.47931845	110.6031418	103.098053	183.6443492	166.8733386
ENSMUSG00000078518	7.074518513	6.260555194	6.35535943	5.638203705	8.594335036
ENSMUSG00000078520	10.61177777	13.91234488	4.236906287	8.860034393	7.161945863
ENSMUSG00000078521	24.05336294	27.12907251	24.71528667	73.29664816	51.56601022
ENSMUSG00000078532	5.65961481	4.869320706	4.236906287	7.249119049	6.445751277
ENSMUSG00000078537	7.074518513	9.738641413	5.649208382	8.054576721	7.161945863
ENSMUSG00000078546	10.61177777	8.347406925	7.767661525	9.665492065	5.013362104
ENSMUSG00000078554	6.367066661	13.91234488	13.41686991	10.47094974	8.594335036
ENSMUSG00000078566	21.93100739	25.73783802	14.12302096	13.69278043	17.18867007
ENSMUSG00000078572	28.29807405	33.3896277	31.77679715	45.10562964	47.2688427
ENSMUSG00000078576	12.02668147	10.43425866	7.061510478	5.638203705	5.729556691
ENSMUSG00000078577	8.489422215	13.21672763	12.00456781	9.665492065	8.594335036
ENSMUSG00000078578	42.447111108	65.38802092	63.5535943	188.4770953	143.9551119
ENSMUSG00000078580	16.97884443	34.78086219	28.24604191	21.74735715	19.33725383
ENSMUSG00000078584	23.34591109	31.30277597	22.59683353	33.82922223	27.93158887
ENSMUSG00000078591	5.65961481	6.956172438	1.412302096	4.02728836	7.161945863
ENSMUSG00000078593	4.952162959	7.651789682	7.061510478	7.249119049	5.729556691
ENSMUSG00000078597	10.61177777	4.869320706	6.35535943	2.416373016	10.7429188
ENSMUSG00000078599	2.829807405	8.347406925	4.943057334	6.443661377	6.445751277
ENSMUSG00000078605	8.489422215	11.1298759	7.061510478	6.443661377	11.45911338
ENSMUSG00000078606	79.23460734	109.2119073	84.73812573	206.1971641	127.4826364
ENSMUSG00000078612	7.074518513	6.956172438	7.061510478	2.416373016	7.87814045
ENSMUSG00000078622	135.8307554	184.3385696	150.4101732	322.1830688	264.9919969
ENSMUSG00000078624	7.781970364	6.260555194	7.767661525	7.249119049	6.445751277
ENSMUSG00000078627	5.65961481	6.956172438	9.179963621	4.02728836	6.445751277
ENSMUSG00000078630	5.65961481	13.91234488	9.179963621	10.47094974	15.7562809
ENSMUSG00000078639	12.02668147	10.43425866	8.473812573	3.221830688	1.432389173
ENSMUSG00000078640	9.196874066	10.43425866	6.35535943	8.054576721	9.310529622
ENSMUSG00000078648	113.1922962	123.8198694	150.4101732	63.6311561	67.32229112
ENSMUSG00000078650	20.51610369	27.12907251	21.18453143	14.4982381	23.63442135
ENSMUSG00000078651	9.196874066	13.91234488	12.00456781	12.08186508	12.89150255

ENSMUSG00000078652	101.1656147	114.081228	115.1026208	252.913709	176.1838682
ENSMUSG00000078653	19.80865184	19.47728283	25.42143772	15.30369577	25.06681052
ENSMUSG00000078657	10.61177777	4.173703463	7.767661525	4.832746033	3.580972932
ENSMUSG00000078664	21.93100739	14.60796212	28.24604191	8.054576721	16.47247549
ENSMUSG00000078668	12.02668147	5.56493795	9.179963621	4.02728836	5.729556691
ENSMUSG00000078670	10.61177777	9.738641413	5.649208382	1.610915344	5.729556691
ENSMUSG00000078672	7.074518513	11.1298759	7.767661525	6.443661377	7.161945863
ENSMUSG00000078674	15.56394073	9.043024169	14.829172	12.88732275	5.729556691
ENSMUSG00000078675	16.27139258	6.260555194	9.886114669	7.249119049	10.7429188
ENSMUSG00000078676	40.32475552	83.47406925	60.72899011	161.8969921	139.6579443
ENSMUSG00000078680	11.31922962	12.52111039	9.886114669	4.02728836	7.87814045
ENSMUSG00000078683	12.73413332	4.173703463	11.29841676	4.02728836	5.013362104
ENSMUSG00000078687	7.074518513	6.260555194	13.41686991	8.860034393	5.729556691
ENSMUSG00000078689	9.196874066	4.869320706	7.767661525	8.054576721	10.7429188
ENSMUSG00000078695	8.489422215	14.60796212	12.00456781	13.69278043	13.60769714
ENSMUSG00000078698	7.074518513	4.869320706	4.236906287	5.638203705	9.310529622
ENSMUSG00000078713	21.22355554	42.43265187	40.95676077	204.5862487	131.0636093
ENSMUSG00000078716	8.489422215	9.043024169	5.649208382	4.02728836	4.297167518
ENSMUSG00000078719	9.904325918	11.82549314	9.886114669	5.638203705	5.013362104
ENSMUSG00000078721	3.537259256	4.173703463	1.412302096	1.610915344	4.297167518
ENSMUSG00000078746	4.244711108	1.391234488	3.530755239	1.610915344	4.297167518
ENSMUSG00000078747	4.244711108	1.391234488	4.236906287	2.416373016	4.297167518
ENSMUSG00000078752	7.074518513	4.173703463	2.824604191	5.638203705	8.594335036
ENSMUSG00000078759	9.196874066	3.478086219	9.886114669	2.416373016	6.445751277
ENSMUSG00000078763	22.63845924	31.99839321	25.42143772	18.52552646	17.18867007
ENSMUSG00000078768	0.707451851	0	0	0.805457672	0.716194586
ENSMUSG00000078776	9.904325918	6.260555194	9.886114669	7.249119049	7.161945863
ENSMUSG00000078780	7.781970364	4.173703463	7.767661525	4.02728836	8.594335036
ENSMUSG00000078783	12.73413332	21.56413456	20.47838039	6.443661377	14.32389173
ENSMUSG00000078784	37.49494812	63.99678643	53.66747963	109.5422434	98.11865833
ENSMUSG00000078786	39.61730367	60.51870021	59.31668801	196.531672	142.5227227
ENSMUSG00000078787	5.65961481	8.347406925	10.59226572	7.249119049	10.02672421
ENSMUSG00000078789	18.39374813	25.04222078	16.94762515	45.10562964	28.64778345
ENSMUSG00000078793	5.65961481	6.260555194	6.35535943	7.249119049	7.87814045
ENSMUSG00000078794	12.02668147	6.956172438	12.00456781	7.249119049	8.594335036
ENSMUSG00000078795	9.904325918	7.651789682	4.236906287	4.832746033	7.161945863
ENSMUSG00000078798	10.61177777	6.260555194	10.59226572	4.02728836	6.445751277
ENSMUSG00000078799	9.196874066	11.82549314	6.35535943	4.02728836	4.297167518
ENSMUSG00000078800	9.904325918	9.043024169	7.767661525	4.02728836	5.729556691
ENSMUSG00000078808	5.65961481	8.347406925	9.886114669	4.02728836	4.297167518
ENSMUSG00000078810	5.65961481	9.738641413	5.649208382	10.47094974	7.87814045
ENSMUSG00000078813	26.88317035	56.34499675	52.96132858	76.51847885	60.16034525
ENSMUSG00000078816	10.61177777	8.347406925	12.71071886	6.443661377	5.729556691

ENSMUSG00000078817	7.074518513	11.1298759	7.767661525	6.443661377	7.161945863
ENSMUSG00000078851	0	0	0	0	0
ENSMUSG00000078853	0	0	0	0	0
ENSMUSG00000078861	14.85648888	25.73783802	31.77679715	24.96918783	20.769643
ENSMUSG00000078878	19.80865184	31.99839321	24.00913562	29.80193387	31.5125618
ENSMUSG00000078894	17.68629628	14.60796212	19.77222934	16.91461111	22.20203218
ENSMUSG00000078898	11.31922962	18.08604834	17.65377619	16.10915344	20.769643
ENSMUSG00000078899	12.02668147	17.39043109	21.89068248	18.52552646	19.33725383
ENSMUSG00000078901	14.85648888	14.60796212	18.35992724	16.91461111	17.18867007
ENSMUSG00000078905	18.39374813	9.738641413	9.179963621	4.02728836	10.02672421
ENSMUSG00000078907	7.074518513	9.738641413	4.236906287	7.249119049	7.161945863
ENSMUSG00000078920	73.57499253	106.4294383	75.55816211	215.0571984	141.0903335
ENSMUSG00000078921	46.69182218	81.38721752	50.13672439	140.9550926	75.91662615
ENSMUSG00000078922	0	0	0	0.805457672	0.716194586
ENSMUSG00000078924	4.244711108	5.56493795	7.061510478	10.47094974	9.310529622
ENSMUSG00000078931	35.37259256	45.21512085	50.13672439	134.5114312	124.617858
ENSMUSG00000078935	7.781970364	6.260555194	7.061510478	7.249119049	7.87814045
ENSMUSG00000078937	4.952162959	6.956172438	10.59226572	12.08186508	7.87814045
ENSMUSG00000078938	9.904325918	7.651789682	11.29841676	7.249119049	5.013362104
ENSMUSG00000078940	5.65961481	6.260555194	5.649208382	4.832746033	4.297167518
ENSMUSG00000078941	2.829807405	15.30357936	4.943057334	8.860034393	1.432389173
ENSMUSG00000078949	13.44158517	4.869320706	7.061510478	6.443661377	8.594335036
ENSMUSG00000078954	7.781970364	6.956172438	8.473812573	4.02728836	11.45911338
ENSMUSG00000078958	5.65961481	4.869320706	2.824604191	3.221830688	7.87814045
ENSMUSG00000078963	9.196874066	9.043024169	4.943057334	3.221830688	1.432389173
ENSMUSG00000078964	7.781970364	6.260555194	6.35535943	0.805457672	8.594335036
ENSMUSG00000078970	61.54831106	100.8645003	96.0365425	138.5387196	128.198831
ENSMUSG00000078994	62.25576291	102.2557348	84.73812573	74.10210583	83.7947666
ENSMUSG00000078998	4.952162959	4.173703463	10.59226572	6.443661377	5.013362104
ENSMUSG00000079005	9.904325918	4.869320706	8.473812573	9.665492065	7.87814045
ENSMUSG00000079006	10.61177777	3.478086219	11.29841676	5.638203705	6.445751277
ENSMUSG00000079007	13.44158517	9.043024169	6.35535943	4.832746033	6.445751277
ENSMUSG00000079008	7.074518513	9.738641413	9.179963621	10.47094974	2.148583759
ENSMUSG00000079009	9.196874066	7.651789682	7.767661525	11.27640741	5.013362104
ENSMUSG00000079013	4.952162959	6.260555194	3.530755239	4.832746033	8.594335036
ENSMUSG00000079014	8.489422215	7.651789682	5.649208382	12.08186508	8.594335036
ENSMUSG00000079015	12.02668147	7.651789682	3.530755239	8.860034393	12.89150255
ENSMUSG00000079017	71.45263698	74.43104508	61.43514116	182.0334339	126.0502472
ENSMUSG00000079019	5.65961481	4.173703463	9.179963621	8.860034393	10.7429188
ENSMUSG00000079020	12.02668147	32.69401046	31.0706461	12.88732275	25.06681052
ENSMUSG00000079022	10.61177777	9.738641413	8.473812573	1.610915344	7.161945863
ENSMUSG00000079025	12.73413332	5.56493795	7.767661525	7.249119049	8.594335036
ENSMUSG00000079029	16.97884443	11.1298759	10.59226572	7.249119049	14.32389173

ENSMUSG00000079031	9.196874066	6.956172438	9.886114669	3.221830688	7.161945863
ENSMUSG00000079033	14.14903703	31.30277597	27.53989086	126.4568545	95.25387998
ENSMUSG00000079034	12.02668147	5.56493795	13.41686991	10.47094974	6.445751277
ENSMUSG00000079042	0	0	0	0	0
ENSMUSG00000079043	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000079057	16.97884443	38.25894841	29.65834401	14.4982381	15.7562809
ENSMUSG00000079058	9.196874066	2.086851731	8.473812573	2.416373016	5.013362104
ENSMUSG00000079065	29.0055259	41.04141738	33.89525029	36.24559524	42.25548059
ENSMUSG00000079071	14.14903703	20.17290007	13.41686991	11.27640741	16.47247549
ENSMUSG00000079076	6.367066661	15.30357936	19.06607829	13.69278043	18.62105924
ENSMUSG00000079083	27.5906222	50.7800588	48.7244223	50.74383334	43.68786977
ENSMUSG00000079091	13.44158517	9.043024169	8.473812573	8.860034393	6.445751277
ENSMUSG00000079092	9.904325918	7.651789682	11.29841676	13.69278043	2.864778345
ENSMUSG00000079103	9.904325918	8.347406925	10.59226572	5.638203705	7.87814045
ENSMUSG00000079104	0	0	0.706151048	0	0
ENSMUSG00000079105	7.781970364	9.043024169	6.35535943	7.249119049	8.594335036
ENSMUSG00000079108	86.30912585	108.51629	90.38733411	155.4533307	125.3340526
ENSMUSG00000079111	77.11225179	79.99598303	85.44427678	153.8424154	125.3340526
ENSMUSG00000079112	9.196874066	11.82549314	4.236906287	6.443661377	10.7429188
ENSMUSG00000079113	0	0	0.706151048	0	0
ENSMUSG00000079114	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000079116	9.196874066	9.738641413	14.12302096	7.249119049	4.297167518
ENSMUSG00000079120	14.85648888	13.21672763	14.12302096	6.443661377	10.02672421
ENSMUSG00000079144	17.68629628	44.5195036	31.77679715	44.30017197	60.16034525
ENSMUSG00000079162	9.904325918	7.651789682	8.473812573	5.638203705	7.161945863
ENSMUSG00000079164	4.952162959	4.173703463	7.061510478	7.249119049	5.013362104
ENSMUSG00000079168	7.781970364	7.651789682	9.886114669	5.638203705	8.594335036
ENSMUSG00000079177	8.489422215	14.60796212	7.767661525	8.860034393	5.013362104
ENSMUSG00000079180	7.781970364	6.260555194	8.473812573	4.832746033	7.161945863
ENSMUSG00000079186	5.65961481	4.869320706	7.061510478	6.443661377	6.445751277
ENSMUSG00000079215	28.29807405	35.47647943	36.01370344	51.54929101	38.67450766
ENSMUSG00000079243	12.02668147	9.043024169	7.767661525	10.47094974	6.445751277
ENSMUSG00000079244	7.781970364	6.260555194	7.767661525	8.860034393	5.729556691
ENSMUSG00000079259	7.781970364	6.260555194	6.35535943	5.638203705	7.87814045
ENSMUSG00000079260	0	2.782468975	0	0	0.716194586
ENSMUSG00000079262	8.489422215	9.738641413	8.473812573	6.443661377	6.445751277
ENSMUSG00000079263	7.781970364	6.956172438	12.00456781	8.860034393	8.594335036
ENSMUSG00000079277	7.781970364	9.738641413	7.061510478	3.221830688	8.594335036
ENSMUSG00000079278	7.074518513	3.478086219	4.236906287	7.249119049	7.161945863
ENSMUSG00000079283	13.44158517	15.99919661	16.2414741	16.10915344	17.18867007
ENSMUSG00000079298	11.31922962	6.260555194	3.530755239	7.249119049	6.445751277
ENSMUSG00000079304	18.39374813	12.52111039	16.2414741	12.08186508	10.02672421
ENSMUSG00000079330	5.65961481	6.956172438	6.35535943	7.249119049	6.445751277

ENSMUSG00000079334	1.414903703	0	0.706151048	0	0
ENSMUSG00000079339	43.15456293	74.43104508	55.78593277	27.38556085	22.91822676
ENSMUSG00000079343	6.367066661	4.173703463	7.061510478	7.249119049	8.594335036
ENSMUSG00000079346	13.44158517	10.43425866	5.649208382	6.443661377	6.445751277
ENSMUSG00000079349	2.829807405	1.391234488	5.649208382	3.221830688	4.297167518
ENSMUSG00000079350	3.537259256	2.782468975	7.061510478	0.805457672	2.148583759
ENSMUSG00000079355	4.952162959	4.173703463	7.061510478	3.221830688	2.864778345
ENSMUSG00000079362	11.31922962	11.1298759	8.473812573	16.10915344	10.02672421
ENSMUSG00000079363	0	0.695617244	0	0	0
ENSMUSG00000079364	7.074518513	4.869320706	7.767661525	7.249119049	2.864778345
ENSMUSG00000079371	7.781970364	6.260555194	6.35535943	5.638203705	2.864778345
ENSMUSG00000079378	12.02668147	6.260555194	7.767661525	6.443661377	9.310529622
ENSMUSG00000079388	12.02668147	9.738641413	11.29841676	4.832746033	4.297167518
ENSMUSG00000079395	4.244711108	4.869320706	7.061510478	0.805457672	1.432389173
ENSMUSG00000079396	7.781970364	9.043024169	6.35535943	3.221830688	13.60769714
ENSMUSG00000079409	11.31922962	6.260555194	10.59226572	8.860034393	4.297167518
ENSMUSG00000079410	7.781970364	6.260555194	7.767661525	4.832746033	4.297167518
ENSMUSG00000079414	5.65961481	9.738641413	12.71071886	47.52200265	36.5259239
ENSMUSG00000079415	9.196874066	21.56413456	17.65377619	25.77464551	30.79636721
ENSMUSG00000079418	36.78749627	60.51870021	47.3121202	41.07834128	47.2688427
ENSMUSG00000079419	18.39374813	20.17290007	16.94762515	84.57305557	58.01176149
ENSMUSG00000079421	5.65961481	15.30357936	13.41686991	7.249119049	10.7429188
ENSMUSG00000079423	11.31922962	12.52111039	7.767661525	2.416373016	7.161945863
ENSMUSG00000079424	14.14903703	6.260555194	9.886114669	8.054576721	9.310529622
ENSMUSG00000079428	3.537259256	1.391234488	4.943057334	1.610915344	3.580972932
ENSMUSG00000079429	51.64398514	42.43265187	37.42600553	32.21830688	34.37734014
ENSMUSG00000079432	4.952162959	2.782468975	4.943057334	3.221830688	2.864778345
ENSMUSG00000079434	10.61177777	10.43425866	7.767661525	12.88732275	9.310529622
ENSMUSG00000079435	35.37259256	77.21351406	65.67204744	128.0677699	87.37573953
ENSMUSG00000079436	10.61177777	26.43345526	20.47838039	16.10915344	9.310529622
ENSMUSG00000079440	10.61177777	5.56493795	7.767661525	4.832746033	4.297167518
ENSMUSG00000079445	17.68629628	41.04141738	38.83830763	48.32746033	47.98503729
ENSMUSG00000079451	11.31922962	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG00000079465	10.61177777	8.347406925	5.649208382	4.02728836	11.45911338
ENSMUSG00000079466	5.65961481	5.56493795	9.179963621	5.638203705	0.716194586
ENSMUSG00000079470	7.074518513	6.260555194	11.29841676	27.38556085	17.90486466
ENSMUSG00000079471	4.244711108	3.478086219	4.236906287	4.02728836	6.445751277
ENSMUSG00000079476	2.829807405	2.086851731	5.649208382	0.805457672	3.580972932
ENSMUSG00000079477	171.9107999	254.5959112	230.9113926	207.0026217	182.6296195
ENSMUSG00000079478	2.829807405	8.347406925	9.179963621	0.805457672	6.445751277
ENSMUSG00000079479	4.952162959	2.782468975	1.412302096	3.221830688	6.445751277
ENSMUSG00000079480	25.46826665	35.47647943	36.71985448	44.30017197	39.39070225
ENSMUSG00000079491	108.9475851	187.1210386	139.8179075	227.9445212	172.6028953



ENSMUSG00000079492	7.074518513	12.52111039	14.12302096	12.08186508	19.33725383
ENSMUSG00000079494	7.781970364	10.43425866	4.943057334	6.443661377	6.445751277
ENSMUSG00000079495	8.489422215	5.56493795	8.473812573	7.249119049	7.87814045
ENSMUSG00000079502	4.952162959	6.260555194	3.530755239	5.638203705	5.729556691
ENSMUSG00000079508	16.97884443	26.43345526	19.77222934	33.02376456	22.91822676
ENSMUSG00000079511	10.61177777	10.43425866	11.29841676	10.47094974	18.62105924
ENSMUSG00000079513	5.65961481	2.086851731	5.649208382	0.805457672	2.148583759
ENSMUSG00000079516	9.196874066	10.43425866	7.061510478	2.416373016	7.87814045
ENSMUSG00000079517	4.952162959	6.260555194	3.530755239	5.638203705	2.864778345
ENSMUSG00000079519	4.244711108	3.478086219	4.236906287	1.610915344	2.148583759
ENSMUSG00000079521	10.61177777	7.651789682	2.118453143	1.610915344	2.148583759
ENSMUSG00000079522	2.829807405	4.173703463	4.943057334	4.832746033	4.297167518
ENSMUSG00000079523	102.5805184	113.3856107	105.9226572	118.4022778	108.1453825
ENSMUSG00000079525	4.244711108	3.478086219	1.412302096	1.610915344	1.432389173
ENSMUSG00000079531	2.829807405	1.391234488	2.824604191	2.416373016	2.148583759
ENSMUSG00000079534	2.122355554	3.478086219	4.236906287	2.416373016	3.580972932
ENSMUSG00000079539	8.489422215	4.869320706	3.530755239	4.832746033	4.297167518
ENSMUSG00000079547	133.7083999	153.0357936	138.4056054	264.1901164	163.2923657
ENSMUSG00000079550	8.489422215	7.651789682	8.473812573	9.665492065	3.580972932
ENSMUSG00000079554	9.904325918	5.56493795	6.35535943	4.02728836	5.013362104
ENSMUSG00000079555	0	0	0	0	0
ENSMUSG00000079559	11.31922962	15.99919661	15.53532305	14.4982381	12.17530797
ENSMUSG00000079562	142.1978221	167.6437558	161.0024389	178.8116032	130.3474147
ENSMUSG00000079563	12.73413332	14.60796212	12.00456781	14.4982381	13.60769714
ENSMUSG00000079566	9.904325918	1.391234488	3.530755239	3.221830688	7.161945863
ENSMUSG00000079579	6.367066661	2.782468975	0.706151048	4.02728836	3.580972932
ENSMUSG00000079580	21.22355554	51.47567604	43.07521391	55.57657937	35.09353473
ENSMUSG00000079583	9.904325918	1.391234488	6.35535943	4.02728836	5.013362104
ENSMUSG00000079584	3.537259256	2.782468975	3.530755239	1.610915344	2.864778345
ENSMUSG00000079588	12.73413332	6.260555194	8.473812573	6.443661377	9.310529622
ENSMUSG00000079592	71.45263698	79.99598303	64.25974535	114.3749894	98.83485292
ENSMUSG00000079593	4.244711108	4.173703463	2.824604191	2.416373016	1.432389173
ENSMUSG00000079594	7.074518513	9.043024169	11.29841676	3.221830688	10.02672421
ENSMUSG00000079597	11.31922962	8.347406925	8.473812573	6.443661377	5.729556691
ENSMUSG00000079598	8.489422215	4.173703463	9.886114669	5.638203705	1.432389173
ENSMUSG00000079602	8.489422215	7.651789682	5.649208382	6.443661377	5.729556691
ENSMUSG00000079605	0	0.695617244	0	0	0.716194586
ENSMUSG00000079606	6.367066661	3.478086219	6.35535943	1.610915344	2.148583759
ENSMUSG00000079614	50.93653329	73.73542784	62.84744325	169.9515688	140.3741389
ENSMUSG00000079619	4.244711108	5.56493795	1.412302096	2.416373016	2.864778345
ENSMUSG00000079625	13.44158517	12.52111039	10.59226572	4.02728836	8.594335036
ENSMUSG00000079627	7.074518513	2.782468975	3.530755239	4.832746033	4.297167518
ENSMUSG00000079628	4.952162959	2.782468975	7.061510478	0.805457672	6.445751277

ENSMUSG00000079629	4.952162959	3.478086219	4.236906287	5.638203705	1.432389173
ENSMUSG00000079630	7.074518513	3.478086219	5.649208382	6.443661377	4.297167518
ENSMUSG00000079633	5.65961481	4.869320706	5.649208382	3.221830688	2.148583759
ENSMUSG00000079635	5.65961481	4.869320706	4.943057334	2.416373016	5.729556691
ENSMUSG00000079638	4.952162959	2.782468975	0.706151048	5.638203705	6.445751277
ENSMUSG00000079639	6.367066661	2.782468975	4.943057334	2.416373016	2.864778345
ENSMUSG00000079641	4.952162959	4.869320706	4.943057334	12.88732275	7.87814045
ENSMUSG00000079644	7.781970364	6.260555194	9.886114669	8.054576721	8.594335036
ENSMUSG00000079652	7.074518513	5.56493795	11.29841676	4.02728836	7.87814045
ENSMUSG00000079654	7.074518513	7.651789682	6.35535943	5.638203705	7.161945863
ENSMUSG00000079655	4.952162959	4.173703463	5.649208382	2.416373016	2.864778345
ENSMUSG00000079658	75.69734809	100.8645003	76.26431316	206.1971641	131.7798039
ENSMUSG00000079659	120.9742666	154.4270281	151.1163242	221.5008598	185.4943979
ENSMUSG00000079666	12.02668147	7.651789682	3.530755239	11.27640741	8.594335036
ENSMUSG00000079677	20.51610369	33.3896277	20.47838039	63.6311561	47.2688427
ENSMUSG00000079679	10.61177777	6.956172438	8.473812573	7.249119049	5.013362104
ENSMUSG00000079681	9.196874066	8.347406925	15.53532305	16.91461111	15.04008631
ENSMUSG00000079700	6.367066661	5.56493795	7.061510478	4.02728836	10.02672421
ENSMUSG00000079701	4.952162959	4.173703463	2.118453143	4.832746033	2.864778345
ENSMUSG00000079702	2.829807405	4.173703463	2.824604191	3.221830688	5.013362104
ENSMUSG00000079705	4.952162959	8.347406925	2.118453143	4.02728836	5.013362104
ENSMUSG00000079707	12.02668147	41.73703463	21.18453143	53.96566403	40.82309142
ENSMUSG00000079710	15.56394073	28.52030699	19.77222934	57.99295239	52.2822048
ENSMUSG00000079737	5.65961481	6.260555194	3.530755239	0.805457672	4.297167518
ENSMUSG00000079842	13.44158517	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000079845	7.781970364	3.478086219	6.35535943	10.47094974	6.445751277
ENSMUSG00000079852	11.31922962	7.651789682	6.35535943	5.638203705	10.02672421
ENSMUSG00000079853	9.904325918	9.043024169	8.473812573	3.221830688	6.445751277
ENSMUSG00000080115	8.489422215	17.39043109	20.47838039	28.19101852	25.78300511
ENSMUSG00000080268	43.15456293	68.86610713	64.25974535	49.132918	53.71459398
ENSMUSG00000080725	7.074518513	3.478086219	3.530755239	0.805457672	2.148583759
ENSMUSG00000080907	7.074518513	4.869320706	6.35535943	8.054576721	8.594335036
ENSMUSG00000080933	1.414903703	1.391234488	3.530755239	0.805457672	0
ENSMUSG00000081044	9.196874066	2.782468975	4.236906287	1.610915344	5.729556691
ENSMUSG00000081058	5.65961481	12.52111039	7.767661525	8.860034393	3.580972932
ENSMUSG00000081218	4.952162959	4.869320706	2.824604191	1.610915344	1.432389173
ENSMUSG00000081225	10.61177777	6.260555194	6.35535943	4.02728836	6.445751277
ENSMUSG00000081534	24.05336294	36.86771392	27.53989086	48.32746033	39.39070225
ENSMUSG00000081683	7.781970364	4.173703463	2.824604191	4.02728836	5.729556691
ENSMUSG00000081769	19.80865184	29.91154148	21.89068248	21.74735715	25.78300511
ENSMUSG00000081984	8.489422215	6.260555194	7.767661525	6.443661377	3.580972932
ENSMUSG00000082101	8.489422215	6.956172438	10.59226572	7.249119049	10.02672421
ENSMUSG00000082211	6.367066661	9.738641413	7.767661525	8.860034393	7.87814045

ENSMUSG00000082229	2.829807405	4.173703463	3.530755239	2.416373016	1.432389173
ENSMUSG00000082361	11.31922962	5.56493795	12.00456781	4.832746033	7.161945863
ENSMUSG00000082639	5.65961481	5.56493795	2.824604191	2.416373016	3.580972932
ENSMUSG00000083012	24.76081479	41.73703463	48.7244223	29.80193387	40.10689684
ENSMUSG00000083193	273.0764146	307.4628218	313.5310652	323.7939842	285.0454454
ENSMUSG00000083282	9.196874066	4.869320706	4.943057334	5.638203705	5.729556691
ENSMUSG00000083628	4.952162959	5.56493795	4.943057334	1.610915344	5.013362104
ENSMUSG00000083649	1.414903703	6.956172438	1.412302096	4.02728836	2.864778345
ENSMUSG00000083695	4.952162959	2.782468975	1.412302096	1.610915344	2.148583759
ENSMUSG00000083947	11.31922962	8.347406925	4.943057334	2.416373016	5.729556691
ENSMUSG00000084063	7.781970364	3.478086219	3.530755239	0	6.445751277
ENSMUSG00000084174	11.31922962	5.56493795	8.473812573	8.054576721	8.594335036
ENSMUSG00000084234	8.489422215	6.956172438	10.59226572	3.221830688	7.87814045
ENSMUSG00000084786	219.3100739	240.6835663	226.6744863	233.5827249	198.3859004
ENSMUSG00000084845	7.781970364	10.43425866	12.71071886	7.249119049	10.02672421
ENSMUSG00000084883	7.074518513	3.478086219	7.061510478	8.054576721	7.161945863
ENSMUSG00000084897	9.904325918	9.738641413	9.886114669	4.832746033	7.161945863
ENSMUSG00000084902	7.074518513	9.738641413	4.943057334	7.249119049	5.729556691
ENSMUSG00000084927	6.367066661	9.738641413	8.473812573	3.221830688	5.729556691
ENSMUSG00000084957	63.67066661	97.38641413	86.15042783	84.57305557	74.48423698
ENSMUSG00000085079	12.73413332	9.043024169	9.179963621	6.443661377	7.161945863
ENSMUSG00000085111	8.489422215	6.260555194	7.061510478	5.638203705	7.87814045
ENSMUSG00000085272	7.781970364	6.260555194	8.473812573	11.27640741	10.02672421
ENSMUSG00000085576	12.73413332	3.478086219	5.649208382	9.665492065	7.161945863
ENSMUSG00000085601	24.05336294	38.25894841	34.60140134	16.91461111	20.05344842
ENSMUSG00000085793	33.25023701	47.30197258	36.71985448	66.85298678	63.74131818
ENSMUSG00000085795	15.56394073	19.47728283	23.30298458	41.88379895	25.78300511
ENSMUSG00000085925	12.73413332	7.651789682	9.179963621	8.860034393	3.580972932
ENSMUSG00000085957	8.489422215	5.56493795	7.061510478	12.88732275	5.729556691
ENSMUSG00000086040	6.367066661	7.651789682	6.35535943	12.08186508	6.445751277
ENSMUSG00000086056	12.73413332	9.043024169	7.767661525	8.054576721	7.161945863
ENSMUSG00000086158	17.68629628	36.17209668	36.01370344	16.91461111	27.93158887
ENSMUSG00000086228	7.781970364	16.69481385	5.649208382	11.27640741	9.310529622
ENSMUSG00000086277	6.367066661	10.43425866	9.179963621	9.665492065	9.310529622
ENSMUSG00000086564	10.61177777	6.260555194	8.473812573	5.638203705	8.594335036
ENSMUSG00000086596	9.904325918	9.738641413	8.473812573	3.221830688	7.161945863
ENSMUSG00000086727	12.73413332	9.738641413	9.179963621	4.02728836	6.445751277
ENSMUSG00000086784	12.02668147	19.47728283	14.12302096	15.30369577	16.47247549
ENSMUSG00000086848	7.074518513	7.651789682	2.824604191	1.610915344	5.729556691
ENSMUSG00000087006	7.074518513	2.782468975	7.767661525	6.443661377	5.729556691
ENSMUSG00000087075	12.73413332	3.478086219	5.649208382	8.860034393	7.87814045
ENSMUSG00000087141	29.71297775	25.73783802	24.71528667	53.96566403	40.10689684
ENSMUSG00000087166	9.196874066	6.260555194	5.649208382	4.832746033	7.161945863

ENSMUSG00000087194	7.781970364	8.347406925	8.473812573	3.221830688	2.864778345
ENSMUSG00000087236	9.196874066	10.43425866	7.767661525	9.665492065	11.45911338
ENSMUSG00000087260	62.25576291	89.73462445	77.67661525	61.21478308	70.90326405
ENSMUSG00000087303	10.61177777	7.651789682	8.473812573	6.443661377	5.729556691
ENSMUSG00000087444	23.34591109	26.43345526	34.60140134	49.132918	41.53928601
ENSMUSG00000087598	9.904325918	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000087651	4.952162959	8.347406925	4.236906287	3.221830688	7.161945863
ENSMUSG00000087687	81.3569629	116.863697	104.5103551	184.4498069	134.6445822
ENSMUSG00000089661	0	0	0	0	0
ENSMUSG00000089669	9.904325918	7.651789682	2.824604191	4.02728836	7.87814045
ENSMUSG00000089672	0	0	0	0	0
ENSMUSG00000089678	9.904325918	2.086851731	7.767661525	7.249119049	3.580972932
ENSMUSG00000089682	0	0	0	0	0.716194586
ENSMUSG00000089687	9.904325918	11.1298759	10.59226572	9.665492065	10.02672421
ENSMUSG00000089694	11.31922962	4.173703463	12.71071886	7.249119049	6.445751277
ENSMUSG00000089704	19.10119998	31.99839321	40.25060972	27.38556085	31.5125618
ENSMUSG00000089722	6.367066661	4.173703463	12.71071886	7.249119049	7.161945863
ENSMUSG00000089724	9.196874066	2.086851731	9.179963621	4.832746033	6.445751277
ENSMUSG00000089727	12.02668147	6.956172438	6.35535943	7.249119049	5.013362104
ENSMUSG00000089736	9.196874066	11.1298759	11.29841676	10.47094974	13.60769714
ENSMUSG00000089756	13.44158517	17.39043109	19.77222934	21.74735715	25.06681052
ENSMUSG00000089762	2.122355554	6.260555194	7.061510478	7.249119049	7.161945863
ENSMUSG00000089768	0	0	0	0	0
ENSMUSG00000089773	7.781970364	3.478086219	5.649208382	2.416373016	4.297167518
ENSMUSG00000089774	0	0.695617244	0	0	0
ENSMUSG00000089789	0	0.695617244	0	0	0
ENSMUSG00000089798	9.904325918	9.738641413	6.35535943	4.832746033	10.02672421
ENSMUSG00000089809	5.65961481	4.869320706	6.35535943	12.88732275	10.02672421
ENSMUSG00000089832	9.196874066	11.82549314	16.94762515	12.08186508	11.45911338
ENSMUSG00000089837	3.537259256	3.478086219	5.649208382	3.221830688	3.580972932
ENSMUSG00000089844	111.0699406	127.2979556	120.0456781	202.9753334	171.1705061
ENSMUSG00000089847	47.39927403	89.0390072	58.61053696	100.682209	78.7814045
ENSMUSG00000089857	0	0	0	0	0
ENSMUSG00000089862	39.61730367	63.30116918	58.61053696	32.21830688	47.98503729
ENSMUSG00000089873	10.61177777	10.43425866	14.829172	8.054576721	10.7429188
ENSMUSG00000089876	4.244711108	9.043024169	5.649208382	4.02728836	7.161945863
ENSMUSG00000089911	88.43148141	118.9505487	93.91808935	170.7570265	143.2389173
ENSMUSG00000089917	50.22908144	69.56172438	86.15042783	59.60386773	55.14698315
ENSMUSG00000089929	0	1.391234488	2.118453143	5.638203705	5.729556691
ENSMUSG00000089942	7.781970364	9.738641413	6.35535943	6.443661377	8.594335036
ENSMUSG00000089943	9.196874066	4.173703463	11.29841676	7.249119049	5.729556691
ENSMUSG00000089953	3.537259256	2.782468975	0.706151048	4.02728836	6.445751277
ENSMUSG00000089960	42.44711108	29.91154148	36.01370344	16.91461111	33.66114556

ENSMUSG00000089984	26.88317035	36.86771392	24.71528667	93.43308996	69.47087488
ENSMUSG00000089989	0.707451851	1.391234488	0	0	0
ENSMUSG00000089996	4.952162959	2.782468975	4.943057334	7.249119049	5.013362104
ENSMUSG00000090000	60.84085921	66.08363816	67.08434954	66.04752911	62.30892901
ENSMUSG00000090015	42.447111108	84.1696865	78.3827663	62.02024075	63.0251236
ENSMUSG00000090019	162.7139258	193.3815938	165.2393452	382.5923942	272.1539428
ENSMUSG00000090035	26.1757185	47.30197258	41.66291182	32.21830688	27.93158887
ENSMUSG00000090053	0	0	0	0	0
ENSMUSG00000090061	7.781970364	7.651789682	7.767661525	6.443661377	2.148583759
ENSMUSG00000090071	12.73413332	4.869320706	4.943057334	7.249119049	2.864778345
ENSMUSG00000090077	12.73413332	17.39043109	16.2414741	26.58010318	20.769643
ENSMUSG00000090084	4.952162959	4.869320706	2.118453143	4.832746033	2.148583759
ENSMUSG00000090093	17.68629628	20.86851731	24.71528667	16.91461111	26.49919969
ENSMUSG00000090097	2.122355554	3.478086219	3.530755239	3.221830688	4.297167518
ENSMUSG00000090100	14.14903703	21.56413456	15.53532305	12.08186508	21.48583759
ENSMUSG00000090110	8.489422215	13.21672763	10.59226572	14.4982381	12.89150255
ENSMUSG00000090112	48.81417774	62.60555194	59.31668801	85.37851324	65.88990194
ENSMUSG00000090113	0	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000090115	12.02668147	13.21672763	17.65377619	9.665492065	21.48583759
ENSMUSG00000090122	4.244711108	3.478086219	4.943057334	0	3.580972932
ENSMUSG00000090124	6.367066661	6.956172438	7.061510478	9.665492065	7.87814045
ENSMUSG00000090125	9.904325918	2.086851731	4.236906287	4.02728836	7.161945863
ENSMUSG00000090129	12.02668147	10.43425866	8.473812573	5.638203705	9.310529622
ENSMUSG00000090132	2.829807405	1.391234488	2.824604191	0.805457672	5.013362104
ENSMUSG00000090141	24.05336294	34.08524495	30.36449505	53.96566403	40.82309142
ENSMUSG00000090145	5.65961481	6.956172438	6.35535943	6.443661377	5.013362104
ENSMUSG00000090164	90.55383696	133.5585108	120.0456781	264.1901164	217.7231542
ENSMUSG00000090165	11.31922962	6.956172438	5.649208382	6.443661377	6.445751277
ENSMUSG00000090166	11.31922962	6.956172438	9.886114669	4.832746033	3.580972932
ENSMUSG00000090171	6.367066661	6.260555194	5.649208382	3.221830688	7.87814045
ENSMUSG00000090173	7.781970364	12.52111039	9.179963621	4.02728836	8.594335036
ENSMUSG00000090175	7.074518513	6.956172438	7.767661525	4.832746033	9.310529622
ENSMUSG00000090176	9.196874066	11.1298759	12.00456781	4.832746033	5.013362104
ENSMUSG00000090202	8.489422215	3.478086219	7.061510478	3.221830688	4.297167518
ENSMUSG00000090206	15.56394073	9.043024169	6.35535943	4.832746033	9.310529622
ENSMUSG00000090210	6.367066661	12.52111039	13.41686991	6.443661377	12.17530797
ENSMUSG00000090213	0	0	0	0.805457672	0
ENSMUSG00000090215	19.10119998	35.47647943	25.42143772	25.77464551	36.5259239
ENSMUSG00000090219	9.196874066	5.56493795	5.649208382	2.416373016	6.445751277
ENSMUSG00000090223	11.31922962	8.347406925	7.061510478	8.860034393	5.013362104
ENSMUSG00000090225	4.244711108	6.956172438	9.179963621	3.221830688	7.161945863
ENSMUSG00000090236	12.02668147	7.651789682	9.179963621	8.860034393	3.580972932
ENSMUSG00000090247	2.829807405	8.347406925	4.943057334	1.610915344	1.432389173

ENSMUSG00000090258	0	0	0	0	0
ENSMUSG00000090262	11.31922962	30.60715873	25.42143772	16.91461111	12.17530797
ENSMUSG00000090264	11.31922962	20.86851731	18.35992724	17.72006879	18.62105924
ENSMUSG00000090272	9.904325918	15.30357936	9.179963621	22.55281482	15.04008631
ENSMUSG00000090273	7.074518513	10.43425866	8.473812573	6.443661377	10.02672421
ENSMUSG00000090291	8.489422215	10.43425866	8.473812573	5.638203705	7.161945863
ENSMUSG00000090302	8.489422215	10.43425866	9.179963621	9.665492065	7.87814045
ENSMUSG00000090306	8.489422215	6.260555194	9.886114669	5.638203705	9.310529622
ENSMUSG00000090314	12.73413332	7.651789682	7.767661525	6.443661377	10.02672421
ENSMUSG00000090326	8.489422215	9.738641413	7.767661525	3.221830688	5.729556691
ENSMUSG00000090336	8.489422215	4.869320706	7.061510478	5.638203705	8.594335036
ENSMUSG00000090346	9.196874066	10.43425866	7.767661525	2.416373016	7.161945863
ENSMUSG00000090356	8.489422215	13.91234488	8.473812573	3.221830688	6.445751277
ENSMUSG00000090364	16.27139258	10.43425866	17.65377619	5.638203705	6.445751277
ENSMUSG00000090369	9.904325918	5.56493795	7.061510478	6.443661377	5.013362104
ENSMUSG00000090394	43.15456293	50.7800588	56.49208382	95.84946298	70.90326405
ENSMUSG00000090439	5.65961481	7.651789682	8.473812573	4.02728836	4.297167518
ENSMUSG00000090461	4.952162959	9.043024169	8.473812573	6.443661377	7.161945863
ENSMUSG00000090470	6.367066661	5.56493795	7.767661525	3.221830688	2.148583759
ENSMUSG00000090487	6.367066661	7.651789682	9.179963621	4.02728836	7.161945863
ENSMUSG00000090509	4.952162959	2.086851731	2.118453143	3.221830688	2.864778345
ENSMUSG00000090512	9.196874066	12.52111039	4.943057334	0.805457672	9.310529622
ENSMUSG00000090515	4.244711108	4.173703463	5.649208382	4.832746033	7.87814045
ENSMUSG00000090523	32.54278516	51.47567604	33.89525029	138.5387196	115.3073284
ENSMUSG00000090527	6.367066661	15.30357936	7.767661525	7.249119049	7.161945863
ENSMUSG00000090539	9.196874066	10.43425866	9.179963621	5.638203705	4.297167518
ENSMUSG00000090553	43.86201478	81.38721752	63.5535943	165.9242805	133.9283876
ENSMUSG00000090581	9.904325918	4.869320706	7.767661525	5.638203705	7.87814045
ENSMUSG00000090588	9.196874066	4.173703463	9.886114669	7.249119049	6.445751277
ENSMUSG00000090622	8.489422215	11.82549314	8.473812573	15.30369577	10.02672421
ENSMUSG00000090626	26.1757185	37.56333116	26.83373982	27.38556085	22.91822676
ENSMUSG00000090627	8.489422215	13.91234488	12.71071886	8.054576721	3.580972932
ENSMUSG00000090629	6.367066661	8.347406925	3.530755239	3.221830688	9.310529622
ENSMUSG00000090641	47.39927403	79.30036579	62.84744325	36.24559524	42.97167518
ENSMUSG00000090659	15.56394073	15.30357936	12.71071886	7.249119049	10.7429188
ENSMUSG00000090662	14.14903703	13.21672763	14.829172	3.221830688	11.45911338
ENSMUSG00000090667	8.489422215	5.56493795	7.061510478	4.02728836	7.87814045
ENSMUSG00000090675	15.56394073	7.651789682	10.59226572	3.221830688	0.716194586
ENSMUSG00000090685	11.31922962	12.52111039	7.767661525	4.832746033	13.60769714
ENSMUSG00000090693	7.074518513	9.738641413	11.29841676	6.443661377	6.445751277
ENSMUSG00000090698	4.952162959	7.651789682	8.473812573	3.221830688	7.161945863
ENSMUSG00000090700	7.781970364	4.173703463	4.236906287	3.221830688	6.445751277
ENSMUSG00000090738	9.904325918	6.956172438	6.35535943	4.832746033	7.161945863

ENSMUSG00000090744	12.02668147	11.82549314	5.649208382	5.638203705	8.594335036
ENSMUSG00000090747	7.781970364	10.43425866	8.473812573	6.443661377	7.87814045
ENSMUSG00000090764	9.196874066	11.82549314	9.179963621	8.054576721	6.445751277
ENSMUSG00000090817	14.14903703	6.956172438	11.29841676	8.054576721	6.445751277
ENSMUSG00000090824	9.904325918	6.260555194	7.061510478	3.221830688	7.161945863
ENSMUSG00000090840	5.65961481	7.651789682	11.29841676	10.47094974	7.87814045
ENSMUSG00000090841	63.67066661	77.21351406	94.6242404	158.6751614	123.9016634
ENSMUSG00000090854	12.02668147	6.956172438	7.061510478	4.832746033	10.7429188
ENSMUSG00000090862	8.489422215	6.956172438	5.649208382	20.94189947	18.62105924
ENSMUSG00000090874	6.367066661	9.043024169	6.35535943	3.221830688	6.445751277
ENSMUSG00000090877	7.781970364	11.82549314	12.00456781	8.860034393	12.17530797
ENSMUSG00000090881	16.27139258	16.69481385	19.06607829	9.665492065	17.90486466
ENSMUSG00000090892	12.73413332	7.651789682	12.00456781	8.054576721	10.7429188
ENSMUSG00000090894	7.074518513	9.738641413	7.767661525	7.249119049	5.729556691
ENSMUSG00000090897	0	0	0	0	0
ENSMUSG00000090919	10.61177777	6.956172438	7.767661525	4.02728836	10.7429188
ENSMUSG00000090942	7.074518513	6.260555194	7.061510478	2.416373016	8.594335036
ENSMUSG00000090946	18.39374813	23.65098629	12.71071886	38.66196826	30.08017263
ENSMUSG00000090951	13.44158517	5.56493795	9.179963621	3.221830688	5.013362104
ENSMUSG00000091002	7.781970364	3.478086219	10.59226572	3.221830688	5.729556691
ENSMUSG00000091013	4.952162959	3.478086219	5.649208382	8.054576721	7.161945863
ENSMUSG00000091017	9.196874066	9.043024169	4.943057334	3.221830688	6.445751277
ENSMUSG00000091022	8.489422215	6.956172438	7.767661525	8.054576721	5.729556691
ENSMUSG00000091034	9.196874066	4.869320706	8.473812573	7.249119049	7.161945863
ENSMUSG00000091039	6.367066661	7.651789682	5.649208382	4.02728836	5.013362104
ENSMUSG00000091049	20.51610369	9.738641413	12.71071886	14.4982381	9.310529622
ENSMUSG00000091055	9.196874066	5.56493795	5.649208382	6.443661377	7.161945863
ENSMUSG00000091060	9.196874066	4.173703463	6.35535943	8.860034393	5.729556691
ENSMUSG00000091077	6.367066661	7.651789682	4.236906287	3.221830688	3.580972932
ENSMUSG00000091080	11.31922962	7.651789682	5.649208382	4.832746033	5.013362104
ENSMUSG00000091101	6.367066661	5.56493795	3.530755239	3.221830688	2.864778345
ENSMUSG00000091119	10.61177777	4.869320706	6.35535943	2.416373016	3.580972932
ENSMUSG00000091142	4.244711108	11.82549314	9.886114669	11.27640741	7.161945863
ENSMUSG00000091144	15.56394073	20.17290007	12.71071886	17.72006879	16.47247549
ENSMUSG00000091148	12.73413332	7.651789682	9.886114669	10.47094974	6.445751277
ENSMUSG00000091155	8.489422215	6.260555194	9.886114669	8.860034393	4.297167518
ENSMUSG00000091175	9.904325918	7.651789682	4.943057334	5.638203705	10.7429188
ENSMUSG00000091185	7.074518513	7.651789682	8.473812573	8.054576721	6.445751277
ENSMUSG00000091212	9.904325918	6.260555194	7.061510478	6.443661377	5.729556691
ENSMUSG00000091255	31.12788146	9.043024169	16.94762515	20.1364418	10.02672421
ENSMUSG00000091264	13.44158517	18.08604834	19.06607829	16.91461111	15.04008631
ENSMUSG00000091297	7.781970364	5.56493795	8.473812573	6.443661377	7.161945863
ENSMUSG00000091311	8.489422215	6.956172438	4.236906287	6.443661377	7.161945863

ENSMUSG00000091318	9.904325918	6.956172438	9.179963621	4.832746033	6.445751277
ENSMUSG00000091337	6.367066661	17.39043109	9.179963621	18.52552646	17.18867007
ENSMUSG00000091345	10.61177777	4.869320706	5.649208382	4.832746033	3.580972932
ENSMUSG00000091376	8.489422215	9.043024169	9.886114669	4.832746033	9.310529622
ENSMUSG00000091381	7.781970364	3.478086219	8.473812573	4.02728836	7.87814045
ENSMUSG00000091382	7.781970364	9.043024169	10.59226572	6.443661377	2.864778345
ENSMUSG00000091387	6.367066661	4.869320706	4.943057334	7.249119049	6.445751277
ENSMUSG00000091402	4.952162959	5.56493795	7.767661525	4.832746033	10.02672421
ENSMUSG00000091405	14.14903703	20.17290007	19.77222934	11.27640741	20.769643
ENSMUSG00000091411	6.367066661	5.56493795	9.886114669	8.054576721	5.729556691
ENSMUSG00000091455	5.65961481	4.869320706	9.886114669	1.610915344	4.297167518
ENSMUSG00000091468	9.196874066	9.738641413	8.473812573	7.249119049	10.02672421
ENSMUSG00000091474	41.73965922	72.34419335	60.02283906	54.7711217	57.29556691
ENSMUSG00000091476	7.781970364	6.956172438	7.061510478	10.47094974	7.161945863
ENSMUSG00000091477	13.44158517	13.91234488	10.59226572	6.443661377	8.594335036
ENSMUSG00000091490	5.65961481	8.347406925	7.767661525	2.416373016	7.161945863
ENSMUSG00000091512	70.03773327	102.9513521	93.91808935	106.3204127	102.4158258
ENSMUSG00000091519	10.61177777	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000091531	13.44158517	5.56493795	6.35535943	5.638203705	12.89150255
ENSMUSG00000091537	79.23460734	132.1672763	128.5194907	153.0369577	151.1170577
ENSMUSG00000091541	8.489422215	7.651789682	10.59226572	6.443661377	6.445751277
ENSMUSG00000091572	3.537259256	11.1298759	9.886114669	7.249119049	7.87814045
ENSMUSG00000091586	5.65961481	12.52111039	7.061510478	8.054576721	5.729556691
ENSMUSG00000091594	7.781970364	4.173703463	11.29841676	8.054576721	5.729556691
ENSMUSG00000091601	7.781970364	6.260555194	4.943057334	4.02728836	8.594335036
ENSMUSG00000091618	12.73413332	9.738641413	6.35535943	9.665492065	5.013362104
ENSMUSG00000091625	23.34591109	49.38882431	33.89525029	57.99295239	55.14698315
ENSMUSG00000091636	8.489422215	5.56493795	7.061510478	2.416373016	5.013362104
ENSMUSG00000091648	4.952162959	5.56493795	5.649208382	2.416373016	7.161945863
ENSMUSG00000091649	65.08557032	90.43024169	69.90895373	70.88027514	50.13362104
ENSMUSG00000091650	10.61177777	9.043024169	7.767661525	8.860034393	8.594335036
ENSMUSG00000091662	13.44158517	6.260555194	9.179963621	4.02728836	10.02672421
ENSMUSG00000091676	6.367066661	6.956172438	7.061510478	2.416373016	7.87814045
ENSMUSG00000091679	6.367066661	7.651789682	7.061510478	1.610915344	5.729556691
ENSMUSG00000091680	7.781970364	5.56493795	4.943057334	1.610915344	6.445751277
ENSMUSG00000091685	9.196874066	1.391234488	8.473812573	3.221830688	7.87814045
ENSMUSG00000091692	7.074518513	4.173703463	11.29841676	6.443661377	6.445751277
ENSMUSG00000091694	4.244711108	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000091700	11.31922962	6.956172438	8.473812573	4.02728836	9.310529622
ENSMUSG00000091712	4.244711108	7.651789682	5.649208382	9.665492065	7.87814045
ENSMUSG00000091721	12.73413332	4.869320706	11.29841676	5.638203705	4.297167518
ENSMUSG00000091722	7.781970364	9.738641413	5.649208382	5.638203705	7.161945863
ENSMUSG00000091734	14.14903703	5.56493795	6.35535943	7.249119049	7.161945863



ENSMUSG00000091735	9.196874066	8.347406925	4.236906287	12.88732275	7.161945863
ENSMUSG00000091736	5.65961481	9.043024169	4.236906287	11.27640741	5.729556691
ENSMUSG00000091754	11.31922962	4.869320706	10.59226572	9.665492065	11.45911338
ENSMUSG00000091779	9.196874066	4.173703463	8.473812573	5.638203705	5.013362104
ENSMUSG00000091780	4.952162959	13.21672763	16.94762515	53.96566403	25.78300511
ENSMUSG00000091794	8.489422215	4.869320706	7.767661525	8.860034393	6.445751277
ENSMUSG00000091803	29.0055259	63.30116918	40.95676077	48.32746033	50.84981563
ENSMUSG00000091811	8.489422215	17.39043109	12.71071886	22.55281482	16.47247549
ENSMUSG00000091814	8.489422215	6.260555194	7.767661525	8.054576721	10.02672421
ENSMUSG00000091827	16.27139258	8.347406925	4.236906287	11.27640741	5.013362104
ENSMUSG00000091867	9.196874066	5.56493795	9.179963621	9.665492065	8.594335036
ENSMUSG00000091873	7.781970364	9.043024169	9.179963621	3.221830688	4.297167518
ENSMUSG00000091874	10.61177777	7.651789682	4.943057334	4.832746033	4.297167518
ENSMUSG00000091882	15.56394073	9.043024169	8.473812573	11.27640741	10.02672421
ENSMUSG00000091888	8.489422215	4.869320706	16.2414741	4.02728836	5.729556691
ENSMUSG00000091896	89.13893326	113.3856107	86.15042783	177.2006879	124.617858
ENSMUSG00000091897	30.4204296	22.95536904	16.94762515	24.16373016	8.594335036
ENSMUSG00000091898	33.25023701	50.7800588	44.48751601	45.91108731	38.67450766
ENSMUSG00000091903	13.44158517	6.260555194	6.35535943	12.88732275	6.445751277
ENSMUSG00000091923	12.02668147	5.56493795	10.59226572	7.249119049	6.445751277
ENSMUSG00000091924	13.44158517	6.956172438	8.473812573	5.638203705	7.161945863
ENSMUSG00000091931	0	0	0	0	0
ENSMUSG00000091937	7.781970364	7.651789682	6.35535943	2.416373016	6.445751277
ENSMUSG00000091950	7.781970364	7.651789682	7.061510478	5.638203705	9.310529622
ENSMUSG00000091956	12.73413332	6.260555194	6.35535943	4.832746033	8.594335036
ENSMUSG00000091962	16.97884443	6.956172438	11.29841676	4.832746033	7.87814045
ENSMUSG00000091971	8.489422215	2.782468975	9.886114669	7.249119049	12.17530797
ENSMUSG00000091972	12.02668147	7.651789682	12.00456781	4.832746033	5.729556691
ENSMUSG00000091983	12.02668147	6.956172438	7.061510478	7.249119049	10.7429188
ENSMUSG00000091987	9.904325918	6.956172438	14.829172	3.221830688	6.445751277
ENSMUSG00000091996	9.904325918	8.347406925	8.473812573	5.638203705	6.445751277
ENSMUSG00000092008	7.074518513	9.043024169	7.767661525	4.832746033	7.161945863
ENSMUSG00000092019	9.904325918	11.82549314	8.473812573	5.638203705	7.161945863
ENSMUSG00000092035	6.367066661	3.478086219	7.061510478	4.02728836	4.297167518
ENSMUSG00000092043	0	0	0	0	0
ENSMUSG00000092049	9.196874066	6.956172438	5.649208382	0.805457672	10.02672421
ENSMUSG00000092060	4.244711108	11.1298759	7.767661525	4.832746033	9.310529622
ENSMUSG00000092074	18.39374813	22.2597518	22.59683353	12.88732275	24.35061594
ENSMUSG00000092077	6.367066661	6.260555194	9.886114669	4.02728836	9.310529622
ENSMUSG00000092083	10.61177777	5.56493795	4.943057334	5.638203705	6.445751277
ENSMUSG00000092086	40.32475552	60.51870021	63.5535943	38.66196826	41.53928601
ENSMUSG00000092118	19.80865184	28.52030699	25.42143772	26.58010318	33.66114556
ENSMUSG00000092164	10.61177777	7.651789682	7.767661525	8.054576721	10.02672421

ENSMUSG00000092167	9.904325918	10.43425866	9.886114669	5.638203705	5.013362104
ENSMUSG00000092192	0	0	0	0.805457672	0
ENSMUSG00000092210	4.244711108	4.173703463	7.767661525	8.054576721	8.594335036
ENSMUSG00000092216	7.074518513	6.956172438	8.473812573	7.249119049	12.17530797
ENSMUSG00000092225	9.196874066	6.956172438	7.061510478	8.054576721	8.594335036
ENSMUSG00000092243	21.93100739	22.95536904	26.12758877	31.41284921	26.49919969
ENSMUSG00000092244	10.61177777	4.869320706	12.71071886	3.221830688	6.445751277
ENSMUSG00000092260	20.51610369	31.99839321	33.89525029	19.33098413	23.63442135
ENSMUSG00000092292	4.952162959	9.043024169	12.00456781	1.610915344	3.580972932
ENSMUSG00000092305	8.489422215	6.260555194	11.29841676	6.443661377	7.161945863
ENSMUSG00000092322	5.65961481	9.738641413	6.35535943	3.221830688	5.013362104
ENSMUSG00000092342	8.489422215	6.956172438	8.473812573	4.832746033	2.864778345
ENSMUSG00000092416	45.27691848	57.04061399	49.43057334	33.82922223	45.12025894
ENSMUSG00000092417	77.81970364	121.7330177	100.9795998	123.2350238	105.9967988
ENSMUSG00000092456	11.31922962	9.043024169	6.35535943	5.638203705	4.297167518
ENSMUSG00000092473	7.781970364	4.173703463	3.530755239	6.443661377	6.445751277
ENSMUSG00000092486	0	0	0	0	0
ENSMUSG00000092517	7.074518513	4.869320706	8.473812573	6.443661377	7.161945863
ENSMUSG00000092518	7.781970364	3.478086219	4.236906287	10.47094974	7.87814045
ENSMUSG00000092519	12.02668147	6.260555194	7.767661525	8.860034393	4.297167518
ENSMUSG00000092558	0	0	0.706151048	1.610915344	1.432389173
ENSMUSG00000092572	7.781970364	8.347406925	7.061510478	6.443661377	9.310529622
ENSMUSG00000092579	2.829807405	5.56493795	3.530755239	0.805457672	2.864778345
ENSMUSG00000092586	7.781970364	10.43425866	6.35535943	13.69278043	7.161945863
ENSMUSG00000092607	15.56394073	52.86691053	34.60140134	51.54929101	37.24211849
ENSMUSG00000092622	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000093376	15.56394073	6.260555194	9.886114669	4.832746033	3.580972932
ENSMUSG00000093379	7.074518513	5.56493795	5.649208382	1.610915344	9.310529622
ENSMUSG00000093411	8.489422215	7.651789682	9.886114669	4.02728836	5.013362104
ENSMUSG00000093445	16.27139258	13.91234488	14.829172	37.05105292	28.64778345
ENSMUSG00000093451	9.196874066	11.1298759	10.59226572	7.249119049	10.02672421
ENSMUSG00000093501	8.489422215	8.347406925	10.59226572	5.638203705	7.87814045
ENSMUSG00000093523	12.02668147	4.869320706	5.649208382	4.02728836	5.729556691
ENSMUSG00000093536	4.952162959	5.56493795	5.649208382	4.02728836	6.445751277
ENSMUSG00000093550	10.61177777	2.782468975	7.061510478	9.665492065	5.729556691
ENSMUSG00000093632	7.781970364	6.260555194	4.236906287	8.054576721	7.161945863
ENSMUSG00000093635	5.65961481	10.43425866	9.179963621	3.221830688	9.310529622
ENSMUSG00000093661	0	0	2.118453143	0	0
ENSMUSG00000093668	7.074518513	8.347406925	9.179963621	4.832746033	5.729556691
ENSMUSG00000093674	5.65961481	5.56493795	3.530755239	4.02728836	5.729556691
ENSMUSG00000093679	9.904325918	5.56493795	8.473812573	4.832746033	5.729556691
ENSMUSG00000093692	8.489422215	6.260555194	7.767661525	1.610915344	7.161945863
ENSMUSG00000093696	9.904325918	3.478086219	4.943057334	6.443661377	7.87814045

ENSMUSG00000093755	7.781970364	9.738641413	7.767661525	7.249119049	7.87814045
ENSMUSG00000093764	10.61177777	9.043024169	6.35535943	9.665492065	5.013362104
ENSMUSG00000093769	6.367066661	11.1298759	11.29841676	7.249119049	3.580972932
ENSMUSG00000093785	11.31922962	8.347406925	10.59226572	3.221830688	7.161945863
ENSMUSG00000093789	0	0.695617244	0	0	1.432389173
ENSMUSG00000093803	2.829807405	0.695617244	4.943057334	3.221830688	5.013362104
ENSMUSG00000093805	10.61177777	6.956172438	10.59226572	5.638203705	5.013362104
ENSMUSG00000093806	28.29807405	39.6501829	41.66291182	47.52200265	47.98503729
ENSMUSG00000093825	6.367066661	9.043024169	10.59226572	1.610915344	10.02672421
ENSMUSG00000093848	7.781970364	6.956172438	5.649208382	4.02728836	5.013362104
ENSMUSG00000093868	4.244711108	4.173703463	5.649208382	3.221830688	5.729556691
ENSMUSG00000093895	0.707451851	3.478086219	3.530755239	2.416373016	2.864778345
ENSMUSG00000093901	9.904325918	8.347406925	7.061510478	6.443661377	3.580972932
ENSMUSG00000093903	4.244711108	6.956172438	4.236906287	0.805457672	2.148583759
ENSMUSG00000093904	4.244711108	2.782468975	2.118453143	1.610915344	4.297167518
ENSMUSG00000093918	7.074518513	5.56493795	7.061510478	4.832746033	7.87814045
ENSMUSG00000093923	5.65961481	4.173703463	4.943057334	3.221830688	5.729556691
ENSMUSG00000093927	3.537259256	1.391234488	7.061510478	0	2.148583759
ENSMUSG00000093930	67.20792587	100.1688831	84.03197468	205.3917064	156.8466144
ENSMUSG00000093931	14.85648888	11.82549314	9.886114669	4.832746033	11.45911338
ENSMUSG00000093938	128.7562369	153.7314109	119.3395271	192.5043836	148.968474
ENSMUSG00000093950	5.65961481	1.391234488	4.236906287	1.610915344	2.148583759
ENSMUSG00000093957	5.65961481	4.869320706	10.59226572	4.02728836	7.87814045
ENSMUSG00000093962	7.781970364	2.782468975	7.061510478	3.221830688	9.310529622
ENSMUSG00000093973	7.074518513	7.651789682	8.473812573	6.443661377	2.864778345
ENSMUSG00000093979	9.904325918	9.043024169	15.53532305	11.27640741	12.17530797
ENSMUSG00000093985	9.196874066	7.651789682	4.943057334	4.832746033	2.864778345
ENSMUSG00000093987	0	0	0	0	0
ENSMUSG00000093989	0	0	0	0	0
ENSMUSG00000093993	6.367066661	7.651789682	3.530755239	4.02728836	7.161945863
ENSMUSG00000094004	4.952162959	5.56493795	3.530755239	3.221830688	2.864778345
ENSMUSG00000094021	9.904325918	9.043024169	7.061510478	5.638203705	5.729556691
ENSMUSG00000094024	8.489422215	4.869320706	6.35535943	1.610915344	5.729556691
ENSMUSG00000094052	9.196874066	5.56493795	4.236906287	1.610915344	4.297167518
ENSMUSG00000094053	7.781970364	6.956172438	5.649208382	4.02728836	3.580972932
ENSMUSG00000094065	1.414903703	3.478086219	4.943057334	4.832746033	0.716194586
ENSMUSG00000094076	9.904325918	18.78166558	14.829172	12.08186508	14.32389173
ENSMUSG00000094081	6.367066661	2.086851731	4.943057334	2.416373016	2.148583759
ENSMUSG00000094084	7.074518513	9.738641413	3.530755239	6.443661377	7.161945863
ENSMUSG00000094103	34.66514071	44.5195036	51.54902649	35.44013757	33.66114556
ENSMUSG00000094113	0	0	0	0	0
ENSMUSG00000094116	12.73413332	6.956172438	9.179963621	4.02728836	8.594335036
ENSMUSG00000094132	6.367066661	7.651789682	10.59226572	8.860034393	5.729556691

ENSMUSG00000094144	9.196874066	6.956172438	8.473812573	6.443661377	5.729556691
ENSMUSG00000094151	9.196874066	9.738641413	9.886114669	4.02728836	5.013362104
ENSMUSG00000094186	8.489422215	10.43425866	9.179963621	7.249119049	5.729556691
ENSMUSG00000094192	7.074518513	12.52111039	8.473812573	3.221830688	3.580972932
ENSMUSG00000094200	5.65961481	5.56493795	6.35535943	8.054576721	8.594335036
ENSMUSG00000094206	4.952162959	7.651789682	4.943057334	8.054576721	2.148583759
ENSMUSG00000094237	12.73413332	4.173703463	7.061510478	7.249119049	7.87814045
ENSMUSG00000094248	1.414903703	1.391234488	0.706151048	1.610915344	2.864778345
ENSMUSG00000094271	7.074518513	6.956172438	1.412302096	4.832746033	4.297167518
ENSMUSG00000094273	4.244711108	2.086851731	3.530755239	3.221830688	4.297167518
ENSMUSG00000094291	7.074518513	6.956172438	14.829172	3.221830688	6.445751277
ENSMUSG00000094294	5.65961481	6.956172438	7.767661525	3.221830688	4.297167518
ENSMUSG00000094305	8.489422215	4.173703463	9.886114669	4.02728836	9.310529622
ENSMUSG00000094307	4.244711108	4.869320706	5.649208382	2.416373016	3.580972932
ENSMUSG00000094309	7.074518513	3.478086219	4.943057334	3.221830688	2.864778345
ENSMUSG00000094311	8.489422215	4.869320706	7.767661525	5.638203705	2.148583759
ENSMUSG00000094314	3.537259256	7.651789682	9.179963621	1.610915344	2.864778345
ENSMUSG00000094325	4.244711108	3.478086219	2.824604191	0.805457672	0.716194586
ENSMUSG00000094328	9.904325918	9.043024169	8.473812573	4.832746033	9.310529622
ENSMUSG00000094352	6.367066661	2.086851731	6.35535943	0.805457672	5.013362104
ENSMUSG00000094362	6.367066661	9.738641413	4.943057334	5.638203705	6.445751277
ENSMUSG00000094378	9.904325918	3.478086219	2.118453143	3.221830688	2.864778345
ENSMUSG00000094399	4.952162959	6.260555194	1.412302096	1.610915344	2.864778345
ENSMUSG00000094430	9.904325918	7.651789682	7.767661525	8.054576721	6.445751277
ENSMUSG00000094443	13.44158517	6.260555194	8.473812573	6.443661377	6.445751277
ENSMUSG00000094445	11.31922962	11.82549314	7.061510478	8.054576721	8.594335036
ENSMUSG00000094460	15.56394073	10.43425866	11.29841676	8.054576721	7.87814045
ENSMUSG00000094483	53.05888884	86.95215547	74.14586002	230.3608942	179.0486466
ENSMUSG00000094484	4.244711108	2.086851731	3.530755239	0.805457672	3.580972932
ENSMUSG00000094500	41.03220737	71.64857611	50.13672439	65.24207144	56.57937232
ENSMUSG00000094511	11.31922962	5.56493795	7.767661525	4.832746033	7.161945863
ENSMUSG00000094558	3.537259256	2.086851731	6.35535943	4.02728836	0
ENSMUSG00000094559	5.65961481	9.043024169	4.943057334	5.638203705	4.297167518
ENSMUSG00000094560	12.73413332	6.956172438	12.00456781	4.832746033	2.864778345
ENSMUSG00000094570	7.074518513	4.173703463	6.35535943	2.416373016	7.87814045
ENSMUSG00000094575	1.414903703	4.173703463	7.061510478	3.221830688	6.445751277
ENSMUSG00000094577	6.367066661	11.1298759	9.886114669	2.416373016	5.013362104
ENSMUSG00000094584	2.829807405	8.347406925	10.59226572	5.638203705	9.310529622
ENSMUSG00000094590	11.31922962	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG00000094592	4.952162959	6.260555194	5.649208382	4.02728836	7.161945863
ENSMUSG00000094595	14.14903703	17.39043109	15.53532305	28.19101852	26.49919969
ENSMUSG00000094596	3.537259256	2.782468975	3.530755239	0.805457672	1.432389173
ENSMUSG00000094613	3.537259256	4.869320706	3.530755239	8.054576721	12.89150255

ENSMUSG00000094616	6.367066661	4.869320706	9.886114669	3.221830688	3.580972932
ENSMUSG00000094624	6.367066661	6.260555194	6.35535943	3.221830688	4.297167518
ENSMUSG00000094626	11.31922962	9.738641413	9.886114669	8.860034393	9.310529622
ENSMUSG00000094647	5.65961481	4.869320706	6.35535943	3.221830688	4.297167518
ENSMUSG00000094649	9.904325918	11.1298759	10.59226572	8.860034393	15.7562809
ENSMUSG00000094651	8.489422215	9.738641413	6.35535943	5.638203705	10.02672421
ENSMUSG00000094658	0	0	0	0	0
ENSMUSG00000094660	7.781970364	3.478086219	3.530755239	4.832746033	1.432389173
ENSMUSG00000094682	12.02668147	6.956172438	2.118453143	3.221830688	6.445751277
ENSMUSG00000094686	2.829807405	3.478086219	4.236906287	0.805457672	4.297167518
ENSMUSG00000094690	3.537259256	6.956172438	7.767661525	6.443661377	9.310529622
ENSMUSG00000094714	9.196874066	6.956172438	4.236906287	2.416373016	3.580972932
ENSMUSG00000094719	7.781970364	11.1298759	9.179963621	8.860034393	8.594335036
ENSMUSG00000094724	57.30359995	83.47406925	67.79050059	105.514955	74.48423698
ENSMUSG00000094727	6.367066661	6.260555194	5.649208382	2.416373016	4.297167518
ENSMUSG00000094729	7.781970364	6.956172438	4.943057334	2.416373016	3.580972932
ENSMUSG00000094739	4.244711108	5.56493795	4.943057334	4.02728836	6.445751277
ENSMUSG00000094746	4.952162959	2.782468975	4.236906287	3.221830688	5.729556691
ENSMUSG00000094759	8.489422215	4.173703463	4.943057334	1.610915344	1.432389173
ENSMUSG00000094777	1.414903703	1.391234488	0.706151048	4.02728836	1.432389173
ENSMUSG00000094793	12.02668147	8.347406925	12.71071886	6.443661377	10.02672421
ENSMUSG00000094802	4.952162959	2.086851731	4.236906287	7.249119049	4.297167518
ENSMUSG00000094806	0	0	0	0	0
ENSMUSG00000094808	10.61177777	2.782468975	7.061510478	4.832746033	8.594335036
ENSMUSG00000094811	7.074518513	8.347406925	9.886114669	8.054576721	6.445751277
ENSMUSG00000094813	4.244711108	2.782468975	4.943057334	2.416373016	2.864778345
ENSMUSG00000094817	0.707451851	0	0	0	0
ENSMUSG00000094818	9.196874066	9.738641413	9.179963621	8.054576721	4.297167518
ENSMUSG00000094819	7.781970364	6.956172438	10.59226572	7.249119049	5.013362104
ENSMUSG00000094821	8.489422215	4.173703463	9.179963621	10.47094974	3.580972932
ENSMUSG00000094825	8.489422215	8.347406925	4.943057334	12.08186508	5.013362104
ENSMUSG00000094838	3.537259256	5.56493795	1.412302096	2.416373016	1.432389173
ENSMUSG00000094860	8.489422215	4.869320706	4.943057334	5.638203705	5.013362104
ENSMUSG00000094870	40.32475552	57.04061399	48.01827125	87.79488626	68.75468029
ENSMUSG00000094876	2.122355554	4.869320706	7.767661525	3.221830688	2.864778345
ENSMUSG00000094885	6.367066661	3.478086219	8.473812573	0.805457672	4.297167518
ENSMUSG00000094910	7.781970364	5.56493795	5.649208382	8.054576721	10.7429188
ENSMUSG00000094918	7.074518513	9.738641413	11.29841676	8.860034393	14.32389173
ENSMUSG00000094925	14.85648888	9.043024169	10.59226572	9.665492065	10.02672421
ENSMUSG00000094928	7.781970364	8.347406925	12.00456781	4.02728836	4.297167518
ENSMUSG00000094936	99.04325918	151.6445591	113.6903187	244.8591323	182.6296195
ENSMUSG00000094941	6.367066661	4.173703463	2.824604191	3.221830688	5.013362104
ENSMUSG00000094942	19.80865184	33.3896277	17.65377619	19.33098413	16.47247549

ENSMUSG00000094944	5.65961481	4.173703463	2.824604191	2.416373016	2.148583759
ENSMUSG00000094945	7.781970364	4.869320706	5.649208382	1.610915344	7.87814045
ENSMUSG00000094970	6.367066661	5.56493795	7.767661525	2.416373016	4.297167518
ENSMUSG00000094978	6.367066661	2.782468975	9.886114669	1.610915344	5.729556691
ENSMUSG00000094995	10.61177777	6.260555194	9.886114669	4.832746033	5.729556691
ENSMUSG00000095015	13.44158517	6.260555194	6.35535943	4.02728836	3.580972932
ENSMUSG00000095022	12.73413332	11.1298759	12.00456781	4.832746033	5.729556691
ENSMUSG00000095026	8.489422215	6.260555194	6.35535943	12.08186508	7.161945863
ENSMUSG00000095028	18.39374813	11.82549314	9.179963621	5.638203705	12.89150255
ENSMUSG00000095032	0.707451851	5.56493795	6.35535943	2.416373016	2.148583759
ENSMUSG00000095040	11.31922962	8.347406925	10.59226572	7.249119049	5.013362104
ENSMUSG00000095048	6.367066661	7.651789682	7.767661525	4.832746033	5.729556691
ENSMUSG00000095056	3.537259256	4.173703463	7.767661525	7.249119049	8.594335036
ENSMUSG00000095061	293.5925183	266.4214044	254.2143772	186.0607223	154.6980307
ENSMUSG00000095063	3.537259256	4.173703463	0	2.416373016	2.148583759
ENSMUSG00000095066	14.85648888	5.56493795	7.767661525	11.27640741	5.013362104
ENSMUSG00000095071	12.02668147	15.99919661	11.29841676	4.832746033	6.445751277
ENSMUSG00000095082	7.074518513	2.086851731	6.35535943	3.221830688	5.013362104
ENSMUSG00000095101	4.952162959	3.478086219	4.236906287	4.02728836	2.864778345
ENSMUSG00000095104	11.31922962	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000095105	69.33028142	114.7768452	93.91808935	38.66196826	50.13362104
ENSMUSG00000095115	7.074518513	4.869320706	6.35535943	6.443661377	7.87814045
ENSMUSG00000095139	3.537259256	4.869320706	9.886114669	4.02728836	7.161945863
ENSMUSG00000095148	4.244711108	4.869320706	8.473812573	0.805457672	0
ENSMUSG00000095153	8.489422215	4.869320706	4.943057334	4.02728836	4.297167518
ENSMUSG00000095172	4.244711108	5.56493795	3.530755239	3.221830688	2.148583759
ENSMUSG00000095190	13.44158517	3.478086219	4.943057334	9.665492065	6.445751277
ENSMUSG00000095194	1.414903703	0.695617244	0.706151048	1.610915344	3.580972932
ENSMUSG00000095226	8.489422215	9.043024169	12.71071886	9.665492065	7.161945863
ENSMUSG00000095232	8.489422215	4.869320706	4.236906287	7.249119049	8.594335036
ENSMUSG00000095240	5.65961481	6.260555194	5.649208382	3.221830688	2.148583759
ENSMUSG00000095241	8.489422215	11.82549314	5.649208382	5.638203705	9.310529622
ENSMUSG00000095242	3.537259256	4.173703463	2.118453143	4.02728836	4.297167518
ENSMUSG00000095257	6.367066661	7.651789682	5.649208382	4.832746033	8.594335036
ENSMUSG00000095267	6.367066661	4.173703463	4.236906287	4.02728836	3.580972932
ENSMUSG00000095276	7.781970364	4.173703463	5.649208382	4.02728836	6.445751277
ENSMUSG00000095295	8.489422215	9.043024169	9.179963621	3.221830688	8.594335036
ENSMUSG00000095300	9.904325918	7.651789682	7.061510478	5.638203705	6.445751277
ENSMUSG00000095302	4.952162959	5.56493795	7.767661525	6.443661377	5.729556691
ENSMUSG00000095304	9.904325918	5.56493795	4.943057334	8.054576721	6.445751277
ENSMUSG00000095324	5.65961481	3.478086219	9.179963621	3.221830688	3.580972932
ENSMUSG00000095339	10.61177777	4.869320706	8.473812573	4.02728836	6.445751277
ENSMUSG00000095341	12.02668147	6.260555194	9.886114669	5.638203705	11.45911338

ENSMUSG00000095360	7.074518513	6.260555194	10.59226572	7.249119049	5.729556691
ENSMUSG00000095362	32.54278516	53.56252777	48.01827125	36.24559524	43.68786977
ENSMUSG00000095363	17.68629628	2.782468975	2.824604191	12.88732275	6.445751277
ENSMUSG00000095365	3.537259256	4.173703463	2.824604191	2.416373016	1.432389173
ENSMUSG00000095384	31.12788146	14.60796212	19.77222934	12.08186508	23.63442135
ENSMUSG00000095388	12.02668147	10.43425866	7.767661525	5.638203705	6.445751277
ENSMUSG00000095407	12.02668147	5.56493795	6.35535943	6.443661377	6.445751277
ENSMUSG00000095409	8.489422215	4.173703463	6.35535943	8.860034393	5.013362104
ENSMUSG00000095413	1.414903703	2.086851731	2.118453143	2.416373016	2.864778345
ENSMUSG00000095432	105.4103258	146.0796212	118.633376	120.0131931	102.4158258
ENSMUSG00000095452	4.244711108	4.869320706	6.35535943	3.221830688	2.864778345
ENSMUSG00000095463	10.61177777	18.78166558	12.00456781	12.88732275	23.63442135
ENSMUSG00000095493	12.02668147	5.56493795	7.767661525	5.638203705	5.013362104
ENSMUSG00000095508	4.952162959	2.086851731	3.530755239	4.02728836	2.148583759
ENSMUSG00000095510	0.707451851	5.56493795	3.530755239	4.02728836	4.297167518
ENSMUSG00000095520	2.829807405	4.869320706	2.824604191	4.832746033	4.297167518
ENSMUSG00000095528	9.904325918	11.1298759	16.94762515	10.47094974	11.45911338
ENSMUSG00000095540	7.781970364	5.56493795	7.767661525	7.249119049	5.729556691
ENSMUSG00000095546	2.122355554	4.869320706	4.943057334	3.221830688	2.864778345
ENSMUSG00000095567	16.27139258	32.69401046	25.42143772	201.364418	152.5494469
ENSMUSG00000095576	9.196874066	9.043024169	5.649208382	4.832746033	4.297167518
ENSMUSG00000095595	26.88317035	46.60635533	57.19823487	39.46742593	45.12025894
ENSMUSG00000095601	6.367066661	6.956172438	4.943057334	4.02728836	2.864778345
ENSMUSG00000095606	9.196874066	4.869320706	4.943057334	1.610915344	2.864778345
ENSMUSG00000095620	6.367066661	8.347406925	5.649208382	5.638203705	7.161945863
ENSMUSG00000095621	5.65961481	4.173703463	6.35535943	0.805457672	2.864778345
ENSMUSG00000095634	4.244711108	5.56493795	5.649208382	4.02728836	2.148583759
ENSMUSG00000095650	4.952162959	2.782468975	4.236906287	0.805457672	3.580972932
ENSMUSG00000095654	5.65961481	9.043024169	9.179963621	4.02728836	8.594335036
ENSMUSG00000095662	2.829807405	1.391234488	1.412302096	2.416373016	1.432389173
ENSMUSG00000095670	10.61177777	6.260555194	8.473812573	1.610915344	7.161945863
ENSMUSG00000095677	14.85648888	27.12907251	26.12758877	32.21830688	25.06681052
ENSMUSG00000095683	12.73413332	4.173703463	7.061510478	4.832746033	4.297167518
ENSMUSG00000095687	76.40479994	79.30036579	79.7950684	103.9040397	82.36237743
ENSMUSG00000095698	2.122355554	4.173703463	7.767661525	4.832746033	3.580972932
ENSMUSG00000095710	0	0	0	0	0
ENSMUSG00000095716	4.244711108	3.478086219	5.649208382	0	1.432389173
ENSMUSG00000095724	7.074518513	4.869320706	9.886114669	4.832746033	9.310529622
ENSMUSG00000095741	7.781970364	1.391234488	3.530755239	4.02728836	7.161945863
ENSMUSG00000095770	6.367066661	4.173703463	6.35535943	3.221830688	3.580972932
ENSMUSG00000095773	9.904325918	9.738641413	9.886114669	2.416373016	7.87814045
ENSMUSG00000095779	8.489422215	3.478086219	4.236906287	4.02728836	6.445751277
ENSMUSG00000095785	4.952162959	4.869320706	5.649208382	4.02728836	4.297167518

ENSMUSG00000095788	12.02668147	5.56493795	7.061510478	2.416373016	5.729556691
ENSMUSG00000095789	8.489422215	7.651789682	9.179963621	6.443661377	8.594335036
ENSMUSG00000095793	9.196874066	5.56493795	4.943057334	2.416373016	0
ENSMUSG00000095814	4.244711108	3.478086219	7.061510478	2.416373016	5.013362104
ENSMUSG00000095829	16.27139258	7.651789682	9.886114669	6.443661377	8.594335036
ENSMUSG00000095845	10.61177777	22.2597518	16.94762515	12.08186508	10.7429188
ENSMUSG00000095852	0	0	0	0	0
ENSMUSG00000095867	8.489422215	4.173703463	5.649208382	3.221830688	5.729556691
ENSMUSG00000095870	7.781970364	9.043024169	12.71071886	7.249119049	5.729556691
ENSMUSG00000095872	3.537259256	2.086851731	5.649208382	4.02728836	2.864778345
ENSMUSG00000095887	4.952162959	2.086851731	2.824604191	4.832746033	2.148583759
ENSMUSG00000095893	14.14903703	6.260555194	7.061510478	4.02728836	5.013362104
ENSMUSG00000095930	8.489422215	11.1298759	11.29841676	8.860034393	7.161945863
ENSMUSG00000095934	7.781970364	3.478086219	0.706151048	3.221830688	4.297167518
ENSMUSG00000095935	10.61177777	8.347406925	6.35535943	5.638203705	5.013362104
ENSMUSG00000095948	0	0	0	0	0
ENSMUSG00000095950	5.65961481	2.086851731	4.236906287	0.805457672	5.013362104
ENSMUSG00000095975	9.196874066	6.260555194	8.473812573	10.47094974	8.594335036
ENSMUSG00000095976	11.31922962	4.869320706	5.649208382	8.860034393	4.297167518
ENSMUSG00000095979	6.367066661	6.260555194	2.824604191	2.416373016	2.864778345
ENSMUSG00000095990	56.5961481	91.12585893	88.97503202	82.15668255	83.07857202
ENSMUSG00000095992	7.074518513	11.82549314	9.179963621	7.249119049	6.445751277
ENSMUSG00000095996	9.196874066	9.043024169	7.061510478	8.054576721	4.297167518
ENSMUSG00000096001	6.367066661	4.173703463	8.473812573	8.860034393	7.161945863
ENSMUSG00000096003	10.61177777	6.956172438	9.179963621	3.221830688	7.87814045
ENSMUSG00000096010	4.244711108	6.260555194	7.767661525	8.054576721	5.729556691
ENSMUSG00000096014	2.122355554	2.086851731	2.118453143	1.610915344	0
ENSMUSG00000096016	4.952162959	4.173703463	5.649208382	3.221830688	4.297167518
ENSMUSG00000096029	10.61177777	8.347406925	6.35535943	5.638203705	2.864778345
ENSMUSG00000096035	16.27139258	12.52111039	10.59226572	6.443661377	14.32389173
ENSMUSG00000096036	5.65961481	4.173703463	6.35535943	1.610915344	1.432389173
ENSMUSG00000096045	13.44158517	7.651789682	12.00456781	2.416373016	4.297167518
ENSMUSG00000096054	7.781970364	7.651789682	4.943057334	4.02728836	10.02672421
ENSMUSG00000096094	11.31922962	4.869320706	7.061510478	9.665492065	12.17530797
ENSMUSG00000096122	6.367066661	4.173703463	5.649208382	4.02728836	7.87814045
ENSMUSG00000096141	6.367066661	9.738641413	8.473812573	4.02728836	4.297167518
ENSMUSG00000096144	10.61177777	7.651789682	9.886114669	11.27640741	8.594335036
ENSMUSG00000096145	0	0	0	0.805457672	0
ENSMUSG00000096154	0	0	0	0	0
ENSMUSG00000096175	9.196874066	7.651789682	7.767661525	1.610915344	7.161945863
ENSMUSG00000096183	14.85648888	6.260555194	6.35535943	4.832746033	3.580972932
ENSMUSG00000096188	6.367066661	10.43425866	7.767661525	7.249119049	12.17530797
ENSMUSG00000096194	3.537259256	2.782468975	4.943057334	4.02728836	3.580972932



ENSMUSG00000096197	7.781970364	8.347406925	9.179963621	5.638203705	3.580972932
ENSMUSG00000096210	7.074518513	9.738641413	11.29841676	8.860034393	3.580972932
ENSMUSG00000096215	9.196874066	10.43425866	14.12302096	7.249119049	7.87814045
ENSMUSG00000096225	4.952162959	6.956172438	6.35535943	4.832746033	5.729556691
ENSMUSG00000096228	5.65961481	3.478086219	6.35535943	0	5.013362104
ENSMUSG00000096254	7.074518513	6.260555194	9.179963621	5.638203705	9.310529622
ENSMUSG00000096255	29.71297775	43.12826911	41.66291182	47.52200265	44.40406435
ENSMUSG00000096257	7.781970364	4.869320706	9.179963621	10.47094974	14.32389173
ENSMUSG00000096268	5.65961481	6.956172438	5.649208382	3.221830688	3.580972932
ENSMUSG00000096276	9.196874066	8.347406925	6.35535943	6.443661377	4.297167518
ENSMUSG00000096278	10.61177777	5.56493795	8.473812573	3.221830688	7.87814045
ENSMUSG00000096284	10.61177777	6.260555194	7.767661525	8.860034393	9.310529622
ENSMUSG00000096316	9.196874066	6.260555194	7.061510478	5.638203705	4.297167518
ENSMUSG00000096330	14.14903703	5.56493795	6.35535943	4.832746033	2.148583759
ENSMUSG00000096333	7.781970364	4.869320706	14.829172	6.443661377	10.7429188
ENSMUSG00000096344	8.489422215	5.56493795	7.061510478	6.443661377	7.87814045
ENSMUSG00000096345	4.244711108	9.738641413	4.943057334	2.416373016	7.161945863
ENSMUSG00000096351	3.537259256	1.391234488	2.118453143	1.610915344	5.013362104
ENSMUSG00000096370	2.122355554	2.782468975	1.412302096	2.416373016	0.716194586
ENSMUSG00000096393	7.781970364	8.347406925	9.179963621	8.054576721	4.297167518
ENSMUSG00000096405	12.02668147	7.651789682	6.35535943	5.638203705	5.729556691
ENSMUSG00000096433	16.27139258	24.34660353	22.59683353	23.35827249	25.78300511
ENSMUSG00000096445	12.02668147	6.260555194	7.767661525	6.443661377	7.161945863
ENSMUSG00000096446	12.02668147	9.043024169	11.29841676	4.02728836	8.594335036
ENSMUSG00000096458	24.05336294	31.30277597	28.95219296	81.35122488	73.76804239
ENSMUSG00000096467	6.367066661	6.260555194	7.767661525	4.02728836	6.445751277
ENSMUSG00000096468	7.074518513	2.086851731	2.118453143	2.416373016	3.580972932
ENSMUSG00000096472	43.15456293	57.73623123	48.01827125	42.68925662	50.13362104
ENSMUSG00000096488	4.952162959	9.738641413	8.473812573	5.638203705	5.729556691
ENSMUSG00000096508	6.367066661	6.260555194	6.35535943	4.02728836	2.148583759
ENSMUSG00000096520	7.781970364	6.260555194	9.886114669	7.249119049	9.310529622
ENSMUSG00000096525	5.65961481	6.956172438	3.530755239	7.249119049	4.297167518
ENSMUSG00000096527	9.904325918	6.260555194	8.473812573	6.443661377	10.7429188
ENSMUSG00000096530	4.244711108	8.347406925	7.061510478	7.249119049	4.297167518
ENSMUSG00000096534	12.73413332	6.956172438	4.943057334	4.02728836	2.148583759
ENSMUSG00000096537	10.61177777	6.260555194	5.649208382	8.054576721	10.02672421
ENSMUSG00000096546	9.904325918	6.260555194	2.824604191	8.054576721	9.310529622
ENSMUSG00000096569	17.68629628	5.56493795	19.77222934	5.638203705	12.89150255
ENSMUSG00000096576	8.489422215	4.173703463	8.473812573	8.860034393	10.02672421
ENSMUSG00000096606	8.489422215	2.782468975	7.061510478	5.638203705	7.161945863
ENSMUSG00000096607	8.489422215	7.651789682	7.061510478	8.054576721	10.02672421
ENSMUSG00000096620	3.537259256	4.173703463	6.35535943	3.221830688	1.432389173
ENSMUSG00000096629	14.85648888	6.956172438	9.886114669	7.249119049	6.445751277

ENSMUSG00000096640	4.244711108	2.782468975	4.236906287	6.443661377	2.864778345
ENSMUSG00000096641	10.61177777	7.651789682	6.35535943	8.860034393	10.7429188
ENSMUSG00000096644	4.244711108	3.478086219	3.530755239	5.638203705	3.580972932
ENSMUSG00000096650	5.65961481	4.173703463	2.824604191	0.805457672	3.580972932
ENSMUSG00000096658	10.61177777	6.956172438	5.649208382	4.832746033	5.013362104
ENSMUSG00000096664	5.65961481	7.651789682	8.473812573	6.443661377	10.02672421
ENSMUSG00000096666	6.367066661	8.347406925	2.824604191	3.221830688	3.580972932
ENSMUSG00000096674	14.14903703	7.651789682	9.886114669	6.443661377	5.013362104
ENSMUSG00000096685	14.85648888	7.651789682	10.59226572	8.054576721	9.310529622
ENSMUSG00000096686	3.537259256	2.086851731	1.412302096	0.805457672	5.013362104
ENSMUSG00000096688	13.44158517	4.869320706	10.59226572	5.638203705	5.013362104
ENSMUSG00000096696	16.27139258	30.60715873	25.42143772	15.30369577	20.05344842
ENSMUSG00000096697	4.952162959	6.260555194	2.118453143	4.832746033	4.297167518
ENSMUSG00000096700	14.85648888	6.260555194	12.71071886	5.638203705	3.580972932
ENSMUSG00000096719	12.73413332	9.738641413	7.767661525	8.860034393	5.729556691
ENSMUSG00000096727	181.1076739	196.85968	193.4853871	521.9365715	356.664904
ENSMUSG00000096740	11.31922962	15.30357936	17.65377619	7.249119049	10.7429188
ENSMUSG00000096742	18.39374813	8.347406925	14.829172	13.69278043	6.445751277
ENSMUSG00000096744	6.367066661	4.173703463	7.767661525	5.638203705	4.297167518
ENSMUSG00000096750	10.61177777	9.043024169	11.29841676	5.638203705	10.02672421
ENSMUSG00000096753	12.02668147	4.869320706	5.649208382	7.249119049	5.729556691
ENSMUSG00000096764	8.489422215	13.91234488	6.35535943	11.27640741	10.7429188
ENSMUSG00000096768	14.85648888	15.99919661	98.86114669	16.10915344	17.18867007
ENSMUSG00000096769	8.489422215	6.260555194	7.767661525	1.610915344	3.580972932
ENSMUSG00000096770	14.85648888	8.347406925	9.886114669	8.860034393	9.310529622
ENSMUSG00000096775	7.074518513	10.43425866	12.71071886	5.638203705	10.7429188
ENSMUSG00000096788	7.781970364	4.173703463	7.061510478	5.638203705	4.297167518
ENSMUSG00000096794	5.65961481	6.260555194	6.35535943	4.832746033	7.161945863
ENSMUSG00000096798	9.196874066	6.956172438	4.943057334	9.665492065	9.310529622
ENSMUSG00000096819	4.244711108	1.391234488	4.236906287	3.221830688	1.432389173
ENSMUSG00000096826	2.829807405	3.478086219	5.649208382	8.054576721	3.580972932
ENSMUSG00000096834	7.074518513	1.391234488	7.061510478	1.610915344	2.864778345
ENSMUSG00000096847	7.781970364	2.086851731	7.767661525	6.443661377	9.310529622
ENSMUSG00000096852	0	0	0	0	0
ENSMUSG00000096854	3.537259256	4.173703463	3.530755239	2.416373016	2.148583759
ENSMUSG00000096856	68.62282957	110.6031418	86.85657888	73.29664816	88.80812871
ENSMUSG00000096867	6.367066661	4.173703463	4.236906287	4.832746033	3.580972932
ENSMUSG00000096869	14.85648888	8.347406925	4.943057334	4.832746033	10.7429188
ENSMUSG00000096872	9.196874066	8.347406925	4.236906287	7.249119049	3.580972932
ENSMUSG00000096883	28.29807405	30.60715873	38.13215658	207.0026217	148.2522794
ENSMUSG00000096887	5.65961481	10.43425866	6.35535943	4.832746033	5.013362104
ENSMUSG00000096898	7.074518513	6.260555194	3.530755239	3.221830688	7.87814045
ENSMUSG00000096902	3.537259256	4.869320706	4.943057334	0	7.87814045

ENSMUSG00000096904	10.61177777	7.651789682	11.29841676	4.02728836	7.161945863
ENSMUSG00000096916	6.367066661	7.651789682	7.767661525	8.860034393	5.729556691
ENSMUSG00000097084	4.244711108	6.260555194	6.35535943	5.638203705	5.013362104
ENSMUSG00000097129	51.64398514	72.34419335	58.61053696	170.7570265	107.429188
ENSMUSG00000097327	14.14903703	31.99839321	26.12758877	25.77464551	22.20203218
ENSMUSG00000097328	0	2.086851731	0	1.610915344	1.432389173
ENSMUSG00000097333	1.414903703	4.173703463	2.824604191	2.416373016	3.580972932
ENSMUSG00000097425	9.904325918	9.043024169	8.473812573	4.02728836	4.297167518
ENSMUSG00000097427	10.61177777	10.43425866	11.29841676	7.249119049	8.594335036
ENSMUSG00000097437	0	0	0	0.805457672	0
ENSMUSG00000097487	7.781970364	13.21672763	15.53532305	14.4982381	11.45911338
ENSMUSG00000097550	5.65961481	7.651789682	9.179963621	10.47094974	7.87814045
ENSMUSG00000097878	14.14903703	8.347406925	9.179963621	7.249119049	11.45911338
ENSMUSG00000097919	21.93100739	15.99919661	20.47838039	26.58010318	28.64778345
ENSMUSG00000097972	6.367066661	6.956172438	4.943057334	3.221830688	8.594335036
ENSMUSG00000097982	14.85648888	6.260555194	8.473812573	6.443661377	5.013362104
ENSMUSG00000098022	19.80865184	9.738641413	23.30298458	24.96918783	18.62105924
ENSMUSG00000098094	6.367066661	6.260555194	7.061510478	6.443661377	7.161945863
ENSMUSG00000098112	97.62835547	110.6031418	110.8657145	114.3749894	96.68626916
ENSMUSG00000098132	9.196874066	6.260555194	7.061510478	4.832746033	8.594335036
ENSMUSG00000098134	9.196874066	17.39043109	13.41686991	19.33098413	20.769643
ENSMUSG00000098176	9.904325918	13.91234488	19.77222934	12.88732275	15.04008631
ENSMUSG00000098188	16.27139258	18.08604834	15.53532305	53.16020636	34.37734014
ENSMUSG00000098207	8.489422215	6.956172438	9.179963621	8.860034393	10.02672421
ENSMUSG00000098274	0	0	0	0	0
ENSMUSG00000098306	6.367066661	9.738641413	7.061510478	8.054576721	7.161945863
ENSMUSG00000098348	4.244711108	2.782468975	2.824604191	3.221830688	1.432389173
ENSMUSG00000098387	0.707451851	0	0.706151048	0	0.716194586
ENSMUSG00000098463	0	0	0	0.805457672	0
ENSMUSG00000098470	8.489422215	3.478086219	4.236906287	6.443661377	3.580972932
ENSMUSG00000098488	4.244711108	6.260555194	8.473812573	7.249119049	5.013362104
ENSMUSG00000098509	9.904325918	6.260555194	5.649208382	7.249119049	8.594335036
ENSMUSG00000098557	0	0	0	0	0
ENSMUSG00000098678	5.65961481	6.956172438	12.00456781	3.221830688	5.729556691
ENSMUSG00000098754	0	0.695617244	0	0	0
ENSMUSG00000098789	0.707451851	0	0	0	0
ENSMUSG00000098905	0.707451851	0	0	0	0
ENSMUSG00000098923	16.97884443	21.56413456	20.47838039	33.02376456	35.80972932
ENSMUSG00000099032	11.31922962	10.43425866	7.767661525	11.27640741	3.580972932
ENSMUSG00000099083	0	0	0	0	0
ENSMUSG00000099269	7.781970364	5.56493795	8.473812573	8.860034393	5.013362104
ENSMUSG00000099353	5.65961481	6.260555194	7.061510478	6.443661377	7.87814045
ENSMUSG00000099398	6.367066661	13.91234488	9.886114669	11.27640741	5.013362104

ENSMUSG00000099481	0.707451851	1.391234488	0.706151048	0	0
ENSMUSG00000099517	7.781970364	9.738641413	16.94762515	5.638203705	4.297167518
ENSMUSG00000099531	1.414903703	4.173703463	4.236906287	6.443661377	5.013362104
ENSMUSG00000099541	7.781970364	2.782468975	4.943057334	2.416373016	2.864778345
ENSMUSG00000099581	9.196874066	7.651789682	8.473812573	4.832746033	3.580972932
ENSMUSG00000099583	6.367066661	8.347406925	10.59226572	4.832746033	2.864778345
ENSMUSG00000099689	8.489422215	25.73783802	26.12758877	16.91461111	22.20203218
ENSMUSG00000099711	7.781970364	8.347406925	6.35535943	4.832746033	5.013362104
ENSMUSG00000099729	8.489422215	5.56493795	2.824604191	6.443661377	8.594335036
ENSMUSG00000099782	7.781970364	7.651789682	7.061510478	3.221830688	4.297167518
ENSMUSG00000099840	4.244711108	7.651789682	4.943057334	3.221830688	3.580972932
ENSMUSG00000099856	2.829807405	2.782468975	4.943057334	3.221830688	7.87814045
ENSMUSG00000099894	8.489422215	2.782468975	7.061510478	3.221830688	2.864778345
ENSMUSG00000099898	12.73413332	5.56493795	3.530755239	7.249119049	5.729556691
ENSMUSG00000099900	11.31922962	9.043024169	2.824604191	6.443661377	5.013362104
ENSMUSG00000099974	48.81417774	70.95295887	69.20280268	207.8080794	141.0903335
ENSMUSG00000100045	6.367066661	6.956172438	5.649208382	4.02728836	3.580972932
ENSMUSG00000100055	7.781970364	3.478086219	3.530755239	4.02728836	1.432389173
ENSMUSG00000100058	10.61177777	10.43425866	12.00456781	5.638203705	7.87814045
ENSMUSG00000100079	9.196874066	7.651789682	6.35535943	4.02728836	8.594335036
ENSMUSG00000100133	1.414903703	3.478086219	4.236906287	0.805457672	3.580972932
ENSMUSG00000100194	3.537259256	2.086851731	4.943057334	4.832746033	2.864778345
ENSMUSG00000100200	4.952162959	6.260555194	10.59226572	4.832746033	3.580972932
ENSMUSG00000100210	10.61177777	20.86851731	13.41686991	5.638203705	13.60769714
ENSMUSG00000100240	4.952162959	6.956172438	4.236906287	0	2.864778345
ENSMUSG00000100241	4.952162959	0	1.412302096	0.805457672	2.148583759
ENSMUSG00000100249	4.244711108	4.869320706	2.824604191	2.416373016	3.580972932
ENSMUSG00000100254	11.31922962	6.956172438	14.12302096	12.88732275	6.445751277
ENSMUSG00000100448	4.244711108	6.956172438	8.473812573	6.443661377	5.729556691
ENSMUSG00000100485	4.244711108	2.086851731	7.767661525	0.805457672	5.013362104
ENSMUSG00000100505	3.537259256	4.173703463	1.412302096	2.416373016	3.580972932
ENSMUSG00000100512	9.196874066	6.956172438	7.061510478	6.443661377	7.87814045
ENSMUSG00000100535	2.829807405	2.086851731	7.061510478	0	4.297167518
ENSMUSG00000100586	11.31922962	6.260555194	7.767661525	9.665492065	10.02672421
ENSMUSG00000100626	2.122355554	2.086851731	3.530755239	4.02728836	1.432389173
ENSMUSG00000100645	4.244711108	4.173703463	5.649208382	0.805457672	3.580972932
ENSMUSG00000100856	6.367066661	4.173703463	4.943057334	4.832746033	2.148583759
ENSMUSG00000100892	4.952162959	6.260555194	5.649208382	2.416373016	2.148583759
ENSMUSG00000100902	9.196874066	4.173703463	4.943057334	2.416373016	4.297167518
ENSMUSG00000100916	4.952162959	6.260555194	3.530755239	4.02728836	5.013362104
ENSMUSG00000100937	31.83533331	70.95295887	55.78593277	32.21830688	39.39070225
ENSMUSG00000100939	4.952162959	1.391234488	2.118453143	4.02728836	2.148583759
ENSMUSG00000100972	4.244711108	4.869320706	7.061510478	4.02728836	2.864778345

ENSMUSG00000101026	10.61177777	4.869320706	5.649208382	8.054576721	5.729556691
ENSMUSG00000101053	3.537259256	6.260555194	7.061510478	2.416373016	1.432389173
ENSMUSG00000101113	10.61177777	6.956172438	5.649208382	9.665492065	7.161945863
ENSMUSG00000101146	8.489422215	3.478086219	1.412302096	4.02728836	3.580972932
ENSMUSG00000101155	7.781970364	6.260555194	5.649208382	3.221830688	4.297167518
ENSMUSG00000101157	5.65961481	4.869320706	7.767661525	2.416373016	2.148583759
ENSMUSG00000101158	5.65961481	4.869320706	4.943057334	1.610915344	2.864778345
ENSMUSG00000101174	10.61177777	6.260555194	8.473812573	9.665492065	5.729556691
ENSMUSG00000101232	10.61177777	7.651789682	6.35535943	6.443661377	7.161945863
ENSMUSG00000101286	2.829807405	3.478086219	3.530755239	0.805457672	2.864778345
ENSMUSG00000101294	7.074518513	4.173703463	4.943057334	0.805457672	2.864778345
ENSMUSG00000101315	4.952162959	6.260555194	7.767661525	7.249119049	10.7429188
ENSMUSG00000101337	9.904325918	7.651789682	8.473812573	4.02728836	10.02672421
ENSMUSG00000101381	3.537259256	1.391234488	4.236906287	2.416373016	2.148583759
ENSMUSG00000101389	8.489422215	9.043024169	7.061510478	9.665492065	5.013362104
ENSMUSG00000101436	11.31922962	4.173703463	4.943057334	7.249119049	5.013362104
ENSMUSG00000101500	5.65961481	6.260555194	1.412302096	1.610915344	5.013362104
ENSMUSG00000101520	8.489422215	9.738641413	6.35535943	8.054576721	7.87814045
ENSMUSG00000101645	12.02668147	15.99919661	19.06607829	33.02376456	33.66114556
ENSMUSG00000101766	6.367066661	2.782468975	6.35535943	2.416373016	2.148583759
ENSMUSG00000101818	4.244711108	7.651789682	3.530755239	4.02728836	3.580972932
ENSMUSG00000101819	3.537259256	0.695617244	3.530755239	2.416373016	2.864778345
ENSMUSG00000101892	19.80865184	22.95536904	23.30298458	35.44013757	40.10689684
ENSMUSG00000101928	3.537259256	5.56493795	4.943057334	0	4.297167518
ENSMUSG00000101933	2.829807405	1.391234488	5.649208382	3.221830688	3.580972932
ENSMUSG00000101959	11.31922962	21.56413456	22.59683353	12.88732275	22.20203218
ENSMUSG00000102018	7.074518513	4.173703463	4.943057334	4.832746033	5.013362104
ENSMUSG00000102037	14.85648888	20.86851731	28.24604191	41.88379895	37.95831308
ENSMUSG00000102049	22.63845924	25.04222078	20.47838039	43.49471429	19.33725383
ENSMUSG00000102053	4.952162959	4.173703463	7.767661525	1.610915344	5.729556691
ENSMUSG00000102122	5.65961481	2.782468975	6.35535943	3.221830688	4.297167518
ENSMUSG00000000003	8.489422215	3.478086219	7.767661525	4.832746033	5.729556691
ENSMUSG00000000028	62.25576291	94.60394515	81.20737049	140.1496349	117.4559122
ENSMUSG00000000037	5.65961481	2.086851731	3.530755239	1.610915344	6.445751277
ENSMUSG00000000049	25.46826665	38.25894841	36.01370344	78.93485187	72.33565322
ENSMUSG00000000085	24.05336294	32.69401046	26.83373982	32.21830688	26.49919969
ENSMUSG00000000094	12.02668147	6.260555194	4.943057334	6.443661377	2.864778345
ENSMUSG00000000103	2.829807405	4.869320706	1.412302096	0.805457672	1.432389173
ENSMUSG00000000126	7.074518513	6.956172438	6.35535943	4.02728836	2.864778345
ENSMUSG00000000127	7.074518513	7.651789682	7.061510478	3.221830688	8.594335036
ENSMUSG00000000131	162.7139258	197.5552972	167.3577983	228.7499789	177.6162574
ENSMUSG00000000134	16.27139258	18.78166558	17.65377619	28.19101852	30.08017263
ENSMUSG00000000142	7.074518513	2.782468975	5.649208382	1.610915344	4.297167518

ENSMUSG00000000148	35.37259256	57.04061399	52.96132858	30.60739154	35.80972932
ENSMUSG00000000149	24.76081479	31.30277597	38.83830763	30.60739154	32.22875639
ENSMUSG00000000154	9.904325918	4.869320706	4.943057334	6.443661377	5.729556691
ENSMUSG00000000157	8.489422215	5.56493795	10.59226572	8.054576721	7.161945863
ENSMUSG00000000159	9.904325918	7.651789682	7.767661525	12.88732275	5.013362104
ENSMUSG00000000167	48.10672589	57.04061399	57.19823487	94.23854763	86.65954495
ENSMUSG00000000184	24.05336294	23.65098629	21.89068248	229.5554365	171.1705061
ENSMUSG00000000194	123.804074	167.6437558	151.1163242	108.7367857	123.9016634
ENSMUSG00000000204	7.781970364	6.260555194	5.649208382	9.665492065	8.594335036
ENSMUSG00000000214	7.781970364	3.478086219	9.179963621	7.249119049	7.87814045
ENSMUSG00000000215	10.61177777	4.869320706	4.943057334	4.832746033	8.594335036
ENSMUSG00000000223	2.829807405	4.173703463	7.061510478	3.221830688	3.580972932
ENSMUSG00000000244	74.98989623	80.69160028	81.20737049	152.2315	118.8883013
ENSMUSG00000000247	6.367066661	6.956172438	8.473812573	4.832746033	7.161945863
ENSMUSG00000000248	4.952162959	8.347406925	8.473812573	8.860034393	6.445751277
ENSMUSG00000000253	7.781970364	5.56493795	10.59226572	4.832746033	5.013362104
ENSMUSG00000000263	9.904325918	4.173703463	5.649208382	4.832746033	5.013362104
ENSMUSG00000000266	0.707451851	2.782468975	0.706151048	5.638203705	2.148583759
ENSMUSG00000000275	176.8629628	219.1194318	185.0115745	300.4357117	231.3308514
ENSMUSG00000000276	12.02668147	9.738641413	5.649208382	8.054576721	2.864778345
ENSMUSG00000000278	43.15456293	70.95295887	68.49665163	93.43308996	72.33565322
ENSMUSG00000000282	33.95768886	34.78086219	36.01370344	34.6346799	29.36397804
ENSMUSG00000000290	122.3891703	151.6445591	134.1686991	93.43308996	94.5376854
ENSMUSG00000000295	9.196874066	12.52111039	12.71071886	12.08186508	12.17530797
ENSMUSG00000000301	6.367066661	9.043024169	9.179963621	4.832746033	5.729556691
ENSMUSG00000000303	9.904325918	6.260555194	9.886114669	7.249119049	5.013362104
ENSMUSG00000000305	4.244711108	4.869320706	4.236906287	5.638203705	11.45911338
ENSMUSG00000000308	9.196874066	8.347406925	5.649208382	6.443661377	7.161945863
ENSMUSG00000000317	4.952162959	6.956172438	7.061510478	8.054576721	12.17530797
ENSMUSG00000000318	15.56394073	10.43425866	6.35535943	8.860034393	12.89150255
ENSMUSG00000000320	8.489422215	3.478086219	7.061510478	6.443661377	5.013362104
ENSMUSG00000000325	6.367066661	7.651789682	7.767661525	6.443661377	7.87814045
ENSMUSG00000000326	19.80865184	22.95536904	33.18909925	41.88379895	56.57937232
ENSMUSG00000000339	41.03220737	77.21351406	69.90895373	96.65492065	80.92998826
ENSMUSG00000000340	22.63845924	29.91154148	30.36449505	41.07834128	31.5125618
ENSMUSG00000000355	16.97884443	28.52030699	19.06607829	64.43661377	43.68786977
ENSMUSG00000000378	118.851911	159.2963488	124.9887355	243.248217	171.8867007
ENSMUSG00000000381	7.781970364	8.347406925	9.886114669	9.665492065	9.310529622
ENSMUSG00000000384	90.55383696	123.8198694	116.5149229	279.4938122	227.0336839
ENSMUSG00000000386	28.29807405	34.08524495	28.24604191	62.82569842	45.83645353
ENSMUSG00000000392	9.904325918	6.260555194	9.179963621	3.221830688	5.729556691
ENSMUSG00000000394	12.73413332	8.347406925	8.473812573	6.443661377	8.594335036
ENSMUSG00000000399	58.0110518	82.08283477	80.50121945	107.1258704	73.76804239

ENSMUSG00000000409	10.61177777	20.86851731	25.42143772	10.47094974	17.18867007
ENSMUSG00000000416	8.489422215	9.043024169	4.943057334	6.443661377	5.729556691
ENSMUSG00000000420	24.76081479	59.12746572	38.83830763	71.68573282	50.84981563
ENSMUSG00000000440	8.489422215	9.043024169	5.649208382	4.832746033	6.445751277
ENSMUSG00000000441	49.52162959	61.9099347	61.43514116	133.7059736	92.38910164
ENSMUSG00000000486	116.0221036	131.4716591	136.9933033	99.07129367	87.37573953
ENSMUSG00000000530	7.781970364	4.869320706	11.29841676	10.47094974	6.445751277
ENSMUSG00000000532	48.10672589	78.60474855	57.19823487	42.68925662	49.41742646
ENSMUSG00000000538	17.68629628	27.12907251	22.59683353	25.77464551	15.04008631
ENSMUSG00000000544	9.904325918	6.956172438	5.649208382	3.221830688	8.594335036
ENSMUSG00000000561	87.72402956	120.3417832	100.2734488	273.0501508	218.4393488
ENSMUSG00000000563	71.45263698	107.1250555	105.2165061	250.497336	196.9535112
ENSMUSG00000000568	125.9264295	131.4716591	117.927225	276.2719815	209.8450138
ENSMUSG00000000579	26.1757185	34.78086219	26.83373982	29.80193387	36.5259239
ENSMUSG00000000600	79.94205919	130.7760418	104.5103551	162.7024498	161.1437819
ENSMUSG00000000617	4.952162959	10.43425866	8.473812573	45.10562964	37.95831308
ENSMUSG00000000627	8.489422215	4.869320706	1.412302096	6.443661377	4.297167518
ENSMUSG00000000628	9.196874066	10.43425866	5.649208382	66.85298678	51.56601022
ENSMUSG00000000631	9.196874066	10.43425866	6.35535943	6.443661377	7.87814045
ENSMUSG00000000632	5.65961481	7.651789682	7.767661525	5.638203705	8.594335036
ENSMUSG00000000686	8.489422215	15.30357936	14.12302096	10.47094974	10.7429188
ENSMUSG00000000693	16.27139258	34.08524495	31.0706461	47.52200265	39.39070225
ENSMUSG00000000706	4.952162959	4.869320706	1.412302096	0.805457672	4.297167518
ENSMUSG00000000708	29.71297775	46.60635533	45.8998181	60.40932541	39.39070225
ENSMUSG00000000724	10.61177777	4.869320706	7.061510478	8.860034393	11.45911338
ENSMUSG00000000730	4.952162959	6.956172438	7.767661525	11.27640741	11.45911338
ENSMUSG00000000731	8.489422215	8.347406925	4.943057334	6.443661377	10.02672421
ENSMUSG00000000738	39.61730367	57.73623123	56.49208382	41.07834128	32.94495097
ENSMUSG00000000739	9.196874066	5.56493795	5.649208382	3.221830688	5.729556691
ENSMUSG00000000740	3.537259256	2.086851731	2.824604191	1.610915344	3.580972932
ENSMUSG00000000751	154.2245036	173.2086937	169.4762515	172.3679418	141.8065281
ENSMUSG00000000753	2.829807405	0.695617244	0.706151048	0.805457672	0
ENSMUSG00000000759	80.64951104	127.9935729	122.1641313	110.3477011	96.68626916
ENSMUSG00000000766	13.44158517	11.1298759	5.649208382	4.02728836	4.297167518
ENSMUSG00000000776	12.02668147	8.347406925	9.179963621	36.24559524	27.93158887
ENSMUSG00000000782	7.781970364	3.478086219	5.649208382	4.832746033	7.87814045
ENSMUSG00000000787	87.72402956	95.2995624	90.38733411	153.8424154	107.429188
ENSMUSG00000000804	33.95768886	66.08363816	56.49208382	66.85298678	58.72795608
ENSMUSG00000000805	11.31922962	6.260555194	4.943057334	8.860034393	6.445751277
ENSMUSG00000000811	7.781970364	7.651789682	7.767661525	12.88732275	7.161945863
ENSMUSG00000000817	6.367066661	7.651789682	2.824604191	7.249119049	8.594335036
ENSMUSG00000000823	14.14903703	16.69481385	21.18453143	25.77464551	25.06681052
ENSMUSG00000000826	112.4848444	145.3840039	118.633376	195.7262143	176.9000628

ENSMUSG00000000827	61.54831106	107.8206728	99.56729774	99.87675134	86.65954495
ENSMUSG00000000838	1.414903703	0.695617244	0.706151048	1.610915344	1.432389173
ENSMUSG00000000861	31.83533331	45.21512085	35.30755239	175.5897725	140.3741389
ENSMUSG00000000869	9.196874066	7.651789682	7.061510478	8.054576721	7.161945863
ENSMUSG00000000876	32.54278516	48.69320706	38.13215658	27.38556085	33.66114556
ENSMUSG00000000881	5.65961481	2.782468975	4.236906287	4.02728836	1.432389173
ENSMUSG00000000884	0	0	0	0	0
ENSMUSG00000000901	13.44158517	18.78166558	19.06607829	9.665492065	12.17530797
ENSMUSG00000000902	83.47931845	143.2971522	111.5718655	132.9005159	131.0636093
ENSMUSG00000000915	48.81417774	52.86691053	58.61053696	88.60034393	64.45751277
ENSMUSG00000000916	14.85648888	27.12907251	24.00913562	62.82569842	47.2688427
ENSMUSG00000000938	4.952162959	6.260555194	2.824604191	4.02728836	7.87814045
ENSMUSG00000000942	7.781970364	5.56493795	5.649208382	4.02728836	3.580972932
ENSMUSG00000000957	7.781970364	8.347406925	12.71071886	8.054576721	6.445751277
ENSMUSG00000000976	41.03220737	45.21512085	48.7244223	49.93837567	51.56601022
ENSMUSG00000000983	10.61177777	6.260555194	6.35535943	5.638203705	6.445751277
ENSMUSG00000001016	65.79302217	80.69160028	81.20737049	138.5387196	105.2806042
ENSMUSG00000001017	62.96321476	111.298759	81.91352154	158.6751614	130.3474147
ENSMUSG00000001018	15.56394073	19.47728283	19.06607829	26.58010318	25.78300511
ENSMUSG00000001021	9.196874066	6.260555194	5.649208382	7.249119049	7.161945863
ENSMUSG00000001023	8.489422215	6.956172438	13.41686991	9.665492065	11.45911338
ENSMUSG00000001029	109.6550369	133.5585108	127.1071886	69.2693598	75.91662615
ENSMUSG00000001034	12.73413332	14.60796212	17.65377619	12.08186508	15.04008631
ENSMUSG00000001036	9.904325918	9.043024169	12.71071886	5.638203705	16.47247549
ENSMUSG00000001039	6.367066661	9.043024169	7.061510478	6.443661377	8.594335036
ENSMUSG00000001052	86.30912585	86.25653823	71.32125582	103.9040397	98.83485292
ENSMUSG00000001053	61.54831106	84.1696865	89.68118307	34.6346799	41.53928601
ENSMUSG00000001062	33.25023701	29.21592424	40.95676077	34.6346799	45.83645353
ENSMUSG00000001065	26.1757185	47.30197258	33.89525029	32.21830688	39.39070225
ENSMUSG00000001082	14.85648888	27.12907251	15.53532305	47.52200265	27.21539428
ENSMUSG00000001089	10.61177777	11.1298759	10.59226572	13.69278043	13.60769714
ENSMUSG00000001098	128.0487851	155.1226454	163.120892	128.0677699	131.7798039
ENSMUSG00000001100	31.12788146	33.3896277	36.71985448	74.9075635	60.87653984
ENSMUSG00000001105	60.84085921	95.99517964	86.15042783	114.3749894	108.1453825
ENSMUSG00000001120	9.904325918	10.43425866	10.59226572	8.860034393	10.7429188
ENSMUSG00000001123	108.9475851	129.3848073	108.7472614	174.7843148	126.0502472
ENSMUSG00000001127	3.537259256	2.086851731	4.236906287	1.610915344	2.864778345
ENSMUSG00000001131	4.244711108	4.869320706	7.767661525	0	3.580972932
ENSMUSG00000001138	12.73413332	24.34660353	25.42143772	29.80193387	30.79636721
ENSMUSG00000001143	13.44158517	22.2597518	34.60140134	13.69278043	22.91822676
ENSMUSG00000001151	55.1812444	69.56172438	70.61510478	95.84946298	78.7814045
ENSMUSG00000001155	8.489422215	4.869320706	8.473812573	4.02728836	4.297167518
ENSMUSG00000001157	52.35143699	84.1696865	62.1412922	62.82569842	53.71459398



ENSMUSG00000001158	26.1757185	46.60635533	37.42600553	55.57657937	42.25548059
ENSMUSG00000001166	107.5326814	125.2111039	119.3395271	118.4022778	100.2672421
ENSMUSG00000001168	9.904325918	4.173703463	7.767661525	8.860034393	11.45911338
ENSMUSG00000001173	9.196874066	7.651789682	4.943057334	4.02728836	3.580972932
ENSMUSG00000001175	72.86754068	103.6469693	103.098053	187.6716376	156.8466144
ENSMUSG00000001211	16.97884443	22.2597518	17.65377619	35.44013757	37.24211849
ENSMUSG00000001225	12.02668147	6.260555194	3.530755239	2.416373016	7.161945863
ENSMUSG00000001227	8.489422215	11.82549314	9.179963621	12.88732275	7.87814045
ENSMUSG00000001228	16.97884443	20.17290007	21.18453143	118.4022778	67.32229112
ENSMUSG00000001240	9.196874066	9.738641413	8.473812573	7.249119049	8.594335036
ENSMUSG00000001247	4.244711108	5.56493795	6.35535943	6.443661377	5.013362104
ENSMUSG00000001248	18.39374813	26.43345526	26.12758877	13.69278043	22.20203218
ENSMUSG00000001249	12.02668147	2.086851731	4.236906287	10.47094974	5.729556691
ENSMUSG00000001260	12.02668147	4.869320706	2.118453143	5.638203705	8.594335036
ENSMUSG00000001280	47.39927403	46.60635533	48.01827125	86.18397091	84.51096119
ENSMUSG00000001285	36.08004441	63.30116918	63.5535943	64.43661377	50.84981563
ENSMUSG00000001288	9.196874066	7.651789682	9.179963621	8.054576721	8.594335036
ENSMUSG00000001289	35.37259256	60.51870021	40.25060972	53.96566403	37.24211849
ENSMUSG00000001300	7.074518513	9.738641413	20.47838039	9.665492065	12.17530797
ENSMUSG00000001313	7.074518513	8.347406925	14.829172	8.054576721	7.161945863
ENSMUSG00000001323	77.11225179	120.3417832	101.6857509	102.2931244	100.2672421
ENSMUSG00000001348	6.367066661	9.738641413	8.473812573	4.832746033	9.310529622
ENSMUSG00000001366	24.76081479	52.17129328	31.0706461	31.41284921	33.66114556
ENSMUSG00000001376	48.10672589	100.8645003	58.61053696	62.82569842	63.0251236
ENSMUSG00000001403	25.46826665	29.91154148	29.65834401	89.4058016	67.32229112
ENSMUSG00000001415	96.21345177	118.9505487	98.86114669	207.8080794	141.8065281
ENSMUSG00000001416	55.88869625	101.5601176	86.15042783	286.7429313	190.50776
ENSMUSG00000001418	86.30912585	125.9067211	114.3964697	57.18749472	75.91662615
ENSMUSG00000001419	162.0064739	169.0349902	166.6516473	290.7702196	189.7915654
ENSMUSG00000001420	40.32475552	33.3896277	40.25060972	48.32746033	44.40406435
ENSMUSG00000001424	5.65961481	9.738641413	9.886114669	8.860034393	4.297167518
ENSMUSG00000001435	7.781970364	8.347406925	7.061510478	4.02728836	5.729556691
ENSMUSG00000001436	9.196874066	14.60796212	17.65377619	41.07834128	25.06681052
ENSMUSG00000001441	52.35143699	88.34338996	92.50578726	75.71302118	77.34901533
ENSMUSG00000001445	53.7663407	78.60474855	74.14586002	111.9586164	94.5376854
ENSMUSG00000001472	76.40479994	98.08203137	104.5103551	160.2860767	126.7664418
ENSMUSG00000001482	9.196874066	20.86851731	15.53532305	16.10915344	13.60769714
ENSMUSG00000001496	7.074518513	6.260555194	7.061510478	5.638203705	5.729556691
ENSMUSG00000001497	9.196874066	2.782468975	6.35535943	6.443661377	3.580972932
ENSMUSG00000001504	6.367066661	9.738641413	3.530755239	4.832746033	5.729556691
ENSMUSG00000001506	4.952162959	9.738641413	5.649208382	7.249119049	2.148583759
ENSMUSG00000001507	7.781970364	4.173703463	7.767661525	3.221830688	7.161945863
ENSMUSG00000001508	9.196874066	5.56493795	6.35535943	5.638203705	10.02672421

ENSMUSG00000001517	55.88869625	61.9099347	68.49665163	120.8186508	98.11865833
ENSMUSG00000001518	34.66514071	45.21512085	48.01827125	55.57657937	50.13362104
ENSMUSG00000001520	9.196874066	6.956172438	7.767661525	5.638203705	14.32389173
ENSMUSG00000001521	17.68629628	18.78166558	19.77222934	18.52552646	21.48583759
ENSMUSG00000001524	4.952162959	13.91234488	9.886114669	16.10915344	15.7562809
ENSMUSG00000001525	33.95768886	50.7800588	40.95676077	221.5008598	162.5761711
ENSMUSG00000001552	3.537259256	7.651789682	3.530755239	9.665492065	4.297167518
ENSMUSG00000001555	2.122355554	4.173703463	6.35535943	4.02728836	3.580972932
ENSMUSG00000001569	38.90985182	50.7800588	48.01827125	98.265836	86.65954495
ENSMUSG00000001576	29.0055259	41.04141738	37.42600553	55.57657937	38.67450766
ENSMUSG00000001583	8.489422215	8.347406925	10.59226572	5.638203705	4.297167518
ENSMUSG00000001588	66.50047402	100.8645003	85.44427678	126.4568545	106.7129934
ENSMUSG00000001604	7.074518513	8.347406925	6.35535943	8.054576721	7.87814045
ENSMUSG00000001622	7.781970364	7.651789682	8.473812573	7.249119049	5.013362104
ENSMUSG00000001627	8.489422215	7.651789682	10.59226572	2.416373016	3.580972932
ENSMUSG00000001630	25.46826665	34.78086219	41.66291182	24.96918783	32.22875639
ENSMUSG00000001632	88.43148141	98.08203137	86.15042783	169.9515688	132.4959985
ENSMUSG00000001642	43.86201478	62.60555194	60.72899011	74.9075635	62.30892901
ENSMUSG00000001663	7.781970364	8.347406925	9.179963621	8.860034393	7.161945863
ENSMUSG00000001665	1.414903703	0.695617244	2.118453143	0.805457672	0
ENSMUSG00000001670	11.31922962	7.651789682	9.179963621	7.249119049	9.310529622
ENSMUSG00000001672	4.244711108	4.869320706	5.649208382	8.860034393	8.594335036
ENSMUSG00000001674	50.22908144	84.1696865	60.72899011	132.0950582	95.97007457
ENSMUSG00000001687	41.73965922	45.91073809	47.3121202	108.7367857	98.83485292
ENSMUSG00000001729	35.37259256	52.86691053	50.84287544	60.40932541	63.0251236
ENSMUSG00000001739	4.952162959	7.651789682	11.29841676	6.443661377	9.310529622
ENSMUSG00000001741	8.489422215	9.043024169	8.473812573	8.860034393	5.729556691
ENSMUSG00000001750	31.12788146	41.04141738	42.36906287	71.68573282	60.87653984
ENSMUSG00000001755	31.83533331	25.04222078	32.4829482	44.30017197	35.09353473
ENSMUSG00000001763	5.65961481	5.56493795	7.061510478	7.249119049	10.7429188
ENSMUSG00000001768	12.02668147	5.56493795	5.649208382	4.832746033	5.013362104
ENSMUSG00000001773	16.27139258	9.738641413	13.41686991	3.221830688	11.45911338
ENSMUSG00000001785	31.12788146	42.43265187	50.84287544	131.2896006	85.22715578
ENSMUSG00000001786	42.44711108	64.69240367	61.43514116	43.49471429	64.45751277
ENSMUSG00000001794	21.93100739	35.47647943	33.89525029	44.30017197	39.39070225
ENSMUSG00000001802	5.65961481	5.56493795	4.943057334	11.27640741	8.594335036
ENSMUSG00000001815	6.367066661	3.478086219	8.473812573	6.443661377	4.297167518
ENSMUSG00000001827	6.367066661	7.651789682	8.473812573	4.02728836	6.445751277
ENSMUSG00000001829	7.781970364	14.60796212	12.00456781	16.91461111	16.47247549
ENSMUSG00000001833	79.23460734	119.6461659	117.927225	237.6100133	171.8867007
ENSMUSG00000001844	31.12788146	50.7800588	39.54445867	73.29664816	52.99839939
ENSMUSG00000001847	125.2189777	137.7322143	112.9841676	203.780791	164.7247549
ENSMUSG00000001855	44.56946663	73.73542784	52.25517753	153.0369577	113.1587446

ENSMUSG00000001864	2.829807405	6.956172438	3.530755239	8.054576721	5.013362104
ENSMUSG00000001870	6.367066661	3.478086219	3.530755239	3.221830688	7.87814045
ENSMUSG00000001891	26.1757185	53.56252777	45.8998181	33.02376456	46.55264811
ENSMUSG00000001901	10.61177777	10.43425866	8.473812573	11.27640741	7.161945863
ENSMUSG00000001909	131.5860443	180.8604834	170.1824025	331.0431032	244.9385485
ENSMUSG00000001911	3.537259256	6.956172438	5.649208382	7.249119049	9.310529622
ENSMUSG00000001918	70.74518513	81.38721752	84.03197468	244.8591323	158.9951982
ENSMUSG00000001924	7.781970364	4.869320706	8.473812573	12.88732275	10.7429188
ENSMUSG00000001930	7.074518513	6.956172438	5.649208382	3.221830688	6.445751277
ENSMUSG00000001946	9.196874066	8.347406925	2.824604191	9.665492065	7.161945863
ENSMUSG00000001948	6.367066661	8.347406925	12.00456781	8.860034393	6.445751277
ENSMUSG00000001964	9.904325918	22.95536904	16.94762515	68.46390213	63.0251236
ENSMUSG00000001986	7.074518513	2.782468975	6.35535943	4.832746033	2.864778345
ENSMUSG00000001998	50.93653329	56.34499675	50.84287544	62.02024075	63.0251236
ENSMUSG00000001999	16.97884443	39.6501829	33.18909925	28.19101852	30.08017263
ENSMUSG00000002006	4.244711108	2.782468975	3.530755239	2.416373016	6.445751277
ENSMUSG00000002010	113.8997481	96.69079689	100.9795998	217.4735715	143.9551119
ENSMUSG00000002012	3.537259256	3.478086219	2.824604191	0.805457672	2.148583759
ENSMUSG00000002014	79.23460734	96.69079689	112.2780166	207.8080794	146.8198902
ENSMUSG00000002020	4.244711108	8.347406925	6.35535943	5.638203705	7.87814045
ENSMUSG00000002028	110.3624888	135.6453625	120.7518292	178.8116032	131.7798039
ENSMUSG00000002031	23.34591109	31.30277597	39.54445867	21.74735715	31.5125618
ENSMUSG00000002032	10.61177777	6.956172438	9.179963621	5.638203705	6.445751277
ENSMUSG00000002033	12.02668147	4.173703463	6.35535943	6.443661377	8.594335036
ENSMUSG00000002043	36.08004441	52.17129328	44.48751601	59.60386773	56.57937232
ENSMUSG00000002058	26.1757185	50.7800588	46.60596915	24.16373016	25.78300511
ENSMUSG00000002059	4.244711108	10.43425866	8.473812573	8.860034393	9.310529622
ENSMUSG00000002064	110.3624888	148.8620902	119.3395271	202.1698757	184.0620087
ENSMUSG00000002068	18.39374813	20.86851731	25.42143772	54.7711217	46.55264811
ENSMUSG00000002076	14.85648888	15.30357936	14.829172	20.1364418	17.90486466
ENSMUSG00000002083	10.61177777	7.651789682	9.179963621	82.15668255	45.83645353
ENSMUSG00000002100	10.61177777	2.086851731	7.767661525	10.47094974	6.445751277
ENSMUSG00000002102	36.08004441	54.95376226	55.78593277	84.57305557	62.30892901
ENSMUSG00000002103	10.61177777	23.65098629	17.65377619	14.4982381	28.64778345
ENSMUSG00000002104	10.61177777	7.651789682	11.29841676	6.443661377	6.445751277
ENSMUSG00000002105	7.781970364	14.60796212	16.94762515	17.72006879	12.89150255
ENSMUSG00000002107	6.367066661	6.260555194	12.71071886	6.443661377	5.729556691
ENSMUSG00000002108	4.244711108	8.347406925	7.767661525	8.860034393	7.161945863
ENSMUSG00000002109	9.904325918	35.47647943	21.89068248	34.6346799	37.24211849
ENSMUSG00000002129	51.64398514	70.95295887	71.32125582	121.6241085	89.52432329
ENSMUSG00000002147	87.01657771	98.77764862	105.9226572	103.098582	88.80812871
ENSMUSG00000002190	8.489422215	9.738641413	5.649208382	7.249119049	2.864778345
ENSMUSG00000002205	18.39374813	48.69320706	48.7244223	43.49471429	48.70123187

ENSMUSG00000002210	40.32475552	47.99758982	56.49208382	57.99295239	52.99839939
ENSMUSG00000002221	30.4204296	59.82308296	55.07978173	107.9313281	95.25387998
ENSMUSG00000002222	53.7663407	76.51789682	60.02283906	62.02024075	75.20043157
ENSMUSG00000002227	26.88317035	32.69401046	39.54445867	32.21830688	30.08017263
ENSMUSG00000002233	7.074518513	4.869320706	9.179963621	9.665492065	7.161945863
ENSMUSG00000002240	12.02668147	4.173703463	5.649208382	5.638203705	3.580972932
ENSMUSG00000002249	7.781970364	2.086851731	5.649208382	7.249119049	6.445751277
ENSMUSG00000002250	59.42595551	81.38721752	76.26431316	66.04752911	63.0251236
ENSMUSG00000002265	9.904325918	1.391234488	11.29841676	3.221830688	10.02672421
ENSMUSG00000002266	14.85648888	7.651789682	9.886114669	8.054576721	5.013362104
ENSMUSG00000002274	21.93100739	21.56413456	24.71528667	18.52552646	21.48583759
ENSMUSG00000002279	26.88317035	37.56333116	36.71985448	20.1364418	20.05344842
ENSMUSG00000002280	26.88317035	39.6501829	36.71985448	29.80193387	40.82309142
ENSMUSG00000002289	9.196874066	11.82549314	9.179963621	4.02728836	10.02672421
ENSMUSG00000002297	21.93100739	36.17209668	38.13215658	77.32393652	79.49759908
ENSMUSG00000002307	51.64398514	66.08363816	41.66291182	167.5351958	110.2939663
ENSMUSG00000002308	7.781970364	22.95536904	16.94762515	21.74735715	12.89150255
ENSMUSG00000002319	12.02668147	18.08604834	16.94762515	46.71654498	40.10689684
ENSMUSG00000002320	75.69734809	95.2995624	96.74269354	207.8080794	158.9951982
ENSMUSG00000002325	36.08004441	43.12826911	41.66291182	167.5351958	118.1721067
ENSMUSG00000002332	53.05888884	70.95295887	65.67204744	119.2077355	95.25387998
ENSMUSG00000002342	34.66514071	56.34499675	57.90438592	45.10562964	55.14698315
ENSMUSG00000002343	33.25023701	67.47487265	58.61053696	84.57305557	92.38910164
ENSMUSG00000002345	77.11225179	91.12585893	79.08891735	96.65492065	85.94335036
ENSMUSG00000002346	8.489422215	16.69481385	12.00456781	12.88732275	13.60769714
ENSMUSG00000002393	7.074518513	9.738641413	13.41686991	10.47094974	9.310529622
ENSMUSG00000002395	20.51610369	23.65098629	31.0706461	37.05105292	32.94495097
ENSMUSG00000002409	41.03220737	53.56252777	69.90895373	69.2693598	54.43078856
ENSMUSG00000002413	25.46826665	45.91073809	24.71528667	54.7711217	45.83645353
ENSMUSG00000002416	41.03220737	68.86610713	42.36906287	62.02024075	47.98503729
ENSMUSG00000002428	37.49494812	73.0398106	59.31668801	47.52200265	39.39070225
ENSMUSG00000002455	17.68629628	25.73783802	18.35992724	28.9964762	17.18867007
ENSMUSG00000002458	99.04325918	137.036597	134.8748501	157.8697037	126.0502472
ENSMUSG00000002459	8.489422215	6.956172438	4.236906287	9.665492065	5.013362104
ENSMUSG00000002475	5.65961481	5.56493795	7.767661525	7.249119049	4.297167518
ENSMUSG00000002486	16.97884443	22.95536904	19.06607829	22.55281482	23.63442135
ENSMUSG00000002489	9.904325918	6.956172438	7.767661525	4.832746033	9.310529622
ENSMUSG00000002500	6.367066661	6.260555194	7.061510478	7.249119049	5.013362104
ENSMUSG00000002504	7.781970364	4.869320706	4.943057334	7.249119049	6.445751277
ENSMUSG00000002524	107.5326814	114.7768452	109.4534124	248.080963	189.7915654
ENSMUSG00000002546	53.05888884	109.2119073	74.14586002	99.07129367	83.7947666
ENSMUSG00000002550	24.76081479	29.91154148	36.71985448	79.74030954	60.87653984
ENSMUSG00000002565	8.489422215	5.56493795	7.767661525	3.221830688	9.310529622

ENSMUSG00000002578	7.074518513	7.651789682	5.649208382	9.665492065	7.161945863
ENSMUSG00000002588	9.196874066	4.869320706	7.061510478	4.832746033	9.310529622
ENSMUSG00000002602	9.904325918	9.043024169	9.179963621	8.860034393	11.45911338
ENSMUSG00000002603	106.1177777	132.8628936	117.2210739	156.2587884	116.023523
ENSMUSG00000002617	18.39374813	15.99919661	22.59683353	7.249119049	15.04008631
ENSMUSG00000002635	53.7663407	70.25734162	79.08891735	49.93837567	54.43078856
ENSMUSG00000002661	18.39374813	20.17290007	22.59683353	9.665492065	19.33725383
ENSMUSG00000002679	29.71297775	43.12826911	37.42600553	78.12939419	54.43078856
ENSMUSG00000002699	6.367066661	5.56493795	7.061510478	39.46742593	34.37734014
ENSMUSG00000002718	70.03773327	89.0390072	101.6857509	277.8828969	177.6162574
ENSMUSG00000002728	33.95768886	55.6493795	62.1412922	72.49119049	72.33565322
ENSMUSG00000002732	20.51610369	18.78166558	18.35992724	16.91461111	22.91822676
ENSMUSG00000002763	65.08557032	95.99517964	85.44427678	122.4295662	108.8615771
ENSMUSG00000002767	31.12788146	43.82388636	53.66747963	46.71654498	55.86317773
ENSMUSG00000002771	15.56394073	12.52111039	16.2414741	8.054576721	8.594335036
ENSMUSG00000002778	37.49494812	52.17129328	54.37363068	74.10210583	68.0384857
ENSMUSG00000002781	6.367066661	10.43425866	12.71071886	10.47094974	8.594335036
ENSMUSG00000002803	14.85648888	17.39043109	19.06607829	18.52552646	35.09353473
ENSMUSG00000002814	126.6338814	164.8612868	172.3008557	231.9718096	185.4943979
ENSMUSG00000002831	9.196874066	8.347406925	7.061510478	6.443661377	7.161945863
ENSMUSG00000002833	33.95768886	51.47567604	48.01827125	70.88027514	50.13362104
ENSMUSG00000002845	4.952162959	8.347406925	9.179963621	4.832746033	6.445751277
ENSMUSG00000002871	32.54278516	43.82388636	38.13215658	33.82922223	35.80972932
ENSMUSG00000002881	36.78749627	52.86691053	44.48751601	109.5422434	92.38910164
ENSMUSG00000002885	87.01657771	100.1688831	91.09348516	43.49471429	40.82309142
ENSMUSG00000002900	14.14903703	3.478086219	12.00456781	11.27640741	8.594335036
ENSMUSG00000002908	7.781970364	6.956172438	7.767661525	8.054576721	7.87814045
ENSMUSG00000002910	11.31922962	19.47728283	12.00456781	18.52552646	20.05344842
ENSMUSG00000002944	11.31922962	4.869320706	5.649208382	4.02728836	4.297167518
ENSMUSG00000002948	67.20792587	97.38641413	81.91352154	120.0131931	101.6996313
ENSMUSG00000002949	20.51610369	31.99839321	37.42600553	78.93485187	60.87653984
ENSMUSG00000002957	59.42595551	84.1696865	66.37819849	62.02024075	60.87653984
ENSMUSG00000002963	29.0055259	42.43265187	44.48751601	64.43661377	60.16034525
ENSMUSG00000002980	9.196874066	6.260555194	4.943057334	6.443661377	7.161945863
ENSMUSG00000002981	120.2668147	165.556904	148.29172	207.0026217	146.1036956
ENSMUSG00000002983	14.85648888	22.95536904	24.71528667	40.2728836	45.12025894
ENSMUSG00000002984	21.22355554	34.08524495	27.53989086	128.0677699	113.1587446
ENSMUSG00000002985	13.44158517	15.30357936	14.12302096	8.860034393	12.89150255
ENSMUSG00000002996	55.1812444	89.0390072	53.66747963	31.41284921	33.66114556
ENSMUSG00000002997	6.367066661	7.651789682	11.29841676	1.610915344	6.445751277
ENSMUSG00000003031	72.86754068	97.38641413	107.3349593	203.780791	161.8599765
ENSMUSG00000003033	67.91537772	107.8206728	82.61967259	118.4022778	85.22715578
ENSMUSG00000003037	164.1288295	190.5991248	170.1824025	310.9066614	232.7632406

ENSMUSG00000003038	14.14903703	22.2597518	17.65377619	63.6311561	60.16034525
ENSMUSG00000003051	9.904325918	3.478086219	5.649208382	5.638203705	3.580972932
ENSMUSG00000003053	16.97884443	5.56493795	15.53532305	7.249119049	6.445751277
ENSMUSG00000003062	26.1757185	33.3896277	24.71528667	23.35827249	24.35061594
ENSMUSG00000003068	68.62282957	107.1250555	106.6288082	207.8080794	158.2790036
ENSMUSG00000003072	33.95768886	61.9099347	31.0706461	95.04400531	68.0384857
ENSMUSG00000003099	24.76081479	36.17209668	38.83830763	146.5932963	97.40246374
ENSMUSG00000003119	102.5805184	134.254128	132.756397	236.8045556	205.5478463
ENSMUSG00000003123	12.02668147	8.347406925	12.71071886	12.88732275	12.89150255
ENSMUSG00000003134	2.829807405	3.478086219	9.886114669	8.054576721	2.148583759
ENSMUSG00000003135	15.56394073	20.17290007	16.2414741	39.46742593	43.68786977
ENSMUSG00000003153	7.781970364	11.82549314	7.061510478	17.72006879	22.91822676
ENSMUSG00000003154	53.05888884	86.95215547	79.08891735	70.07481747	79.49759908
ENSMUSG00000003161	7.074518513	9.738641413	11.29841676	5.638203705	4.297167518
ENSMUSG00000003166	0	0	0	0	0
ENSMUSG00000003178	38.20239997	63.99678643	38.13215658	32.21830688	29.36397804
ENSMUSG00000003184	65.08557032	93.90832791	91.09348516	161.0915344	122.4692743
ENSMUSG00000003190	61.54831106	82.77845201	88.97503202	146.5932963	115.3073284
ENSMUSG00000003198	29.71297775	56.34499675	48.01827125	62.02024075	50.84981563
ENSMUSG00000003199	17.68629628	19.47728283	12.71071886	15.30369577	10.02672421
ENSMUSG00000003233	32.54278516	55.6493795	49.43057334	53.96566403	41.53928601
ENSMUSG00000003234	41.03220737	81.38721752	52.25517753	69.2693598	62.30892901
ENSMUSG00000003235	26.88317035	54.95376226	55.07978173	78.12939419	68.0384857
ENSMUSG00000003269	32.54278516	42.43265187	41.66291182	49.93837567	35.09353473
ENSMUSG00000003271	8.489422215	4.869320706	6.35535943	8.054576721	12.17530797
ENSMUSG00000003273	6.367066661	6.956172438	2.824604191	4.832746033	12.17530797
ENSMUSG00000003279	6.367066661	2.782468975	9.886114669	5.638203705	3.580972932
ENSMUSG00000003283	75.69734809	84.86530374	102.3919019	24.16373016	33.66114556
ENSMUSG00000003299	16.97884443	22.95536904	17.65377619	28.9964762	25.78300511
ENSMUSG00000003308	27.5906222	43.82388636	34.60140134	86.18397091	62.30892901
ENSMUSG00000003309	11.31922962	19.47728283	15.53532305	14.4982381	17.18867007
ENSMUSG00000003316	56.5961481	84.1696865	81.91352154	97.46037832	87.37573953
ENSMUSG00000003344	36.78749627	60.51870021	45.8998181	37.05105292	51.56601022
ENSMUSG00000003345	66.50047402	77.9091313	74.85201106	115.1804471	118.1721067
ENSMUSG00000003346	1.414903703	2.086851731	2.824604191	0.805457672	2.864778345
ENSMUSG00000003348	38.20239997	53.56252777	63.5535943	168.3406535	116.7397176
ENSMUSG00000003352	6.367066661	8.347406925	8.473812573	5.638203705	5.013362104
ENSMUSG00000003360	68.62282957	91.12585893	76.97046421	138.5387196	95.25387998
ENSMUSG00000003363	34.66514071	47.30197258	46.60596915	85.37851324	66.60609653
ENSMUSG00000003380	9.196874066	16.69481385	11.29841676	8.054576721	10.02672421
ENSMUSG00000003382	64.37811846	102.2557348	91.79963621	179.6170609	167.5895332
ENSMUSG00000003402	18.39374813	19.47728283	24.71528667	28.19101852	29.36397804
ENSMUSG00000003411	6.367066661	5.56493795	3.530755239	8.054576721	7.161945863

ENSMUSG00000003418	5.65961481	6.260555194	9.179963621	26.58010318	15.04008631
ENSMUSG00000003421	85.601674	128.6891901	105.2165061	128.0677699	113.1587446
ENSMUSG00000003423	25.46826665	34.78086219	22.59683353	25.77464551	35.09353473
ENSMUSG00000003429	0	0	0	0	0
ENSMUSG00000003436	7.781970364	11.82549314	10.59226572	12.08186508	6.445751277
ENSMUSG00000003437	65.79302217	98.08203137	100.2734488	135.3168889	128.198831
ENSMUSG00000003438	36.78749627	47.99758982	50.13672439	82.15668255	75.20043157
ENSMUSG00000003452	2.829807405	6.956172438	8.473812573	7.249119049	5.013362104
ENSMUSG00000003458	174.7406073	215.6413456	221.731429	228.7499789	199.8182896
ENSMUSG00000003464	42.44711108	52.17129328	39.54445867	40.2728836	52.99839939
ENSMUSG00000003476	9.196874066	5.56493795	5.649208382	8.054576721	10.02672421
ENSMUSG00000003500	12.02668147	8.347406925	10.59226572	5.638203705	10.02672421
ENSMUSG00000003505	9.196874066	8.347406925	7.767661525	4.832746033	3.580972932
ENSMUSG00000003518	9.904325918	6.260555194	4.943057334	9.665492065	3.580972932
ENSMUSG00000003526	7.074518513	2.086851731	5.649208382	7.249119049	5.729556691
ENSMUSG00000003528	9.196874066	14.60796212	7.061510478	28.9964762	22.91822676
ENSMUSG00000003531	12.02668147	6.956172438	5.649208382	7.249119049	6.445751277
ENSMUSG00000003534	10.61177777	6.956172438	4.236906287	5.638203705	7.161945863
ENSMUSG00000003573	11.31922962	13.91234488	7.061510478	5.638203705	10.02672421
ENSMUSG00000003575	35.37259256	54.95376226	57.90438592	44.30017197	41.53928601
ENSMUSG00000003581	19.10119998	28.52030699	21.89068248	26.58010318	24.35061594
ENSMUSG00000003585	9.196874066	8.347406925	2.824604191	7.249119049	6.445751277
ENSMUSG00000003604	16.27139258	30.60715873	32.4829482	42.68925662	34.37734014
ENSMUSG00000003617	7.781970364	9.043024169	9.886114669	5.638203705	6.445751277
ENSMUSG00000003644	21.22355554	22.95536904	13.41686991	19.33098413	21.48583759
ENSMUSG00000003660	47.39927403	61.9099347	64.25974535	115.9859048	108.1453825
ENSMUSG00000003662	99.04325918	143.9927695	134.1686991	96.65492065	108.8615771
ENSMUSG00000003680	22.63845924	34.78086219	30.36449505	32.21830688	29.36397804
ENSMUSG00000003721	18.39374813	26.43345526	31.77679715	13.69278043	15.04008631
ENSMUSG00000003731	50.22908144	77.9091313	64.25974535	111.1531587	94.5376854
ENSMUSG00000003746	174.0331554	182.9473351	158.1778347	322.1830688	233.4794351
ENSMUSG00000003762	19.80865184	30.60715873	34.60140134	22.55281482	26.49919969
ENSMUSG00000003778	102.5805184	105.7338211	88.26888097	223.9172328	152.5494469
ENSMUSG00000003779	73.57499253	100.1688831	91.09348516	195.7262143	134.6445822
ENSMUSG00000003808	78.52715549	122.4286349	97.44884459	182.8388916	146.8198902
ENSMUSG00000003809	15.56394073	16.69481385	10.59226572	11.27640741	12.17530797
ENSMUSG00000003810	24.76081479	27.82468975	26.83373982	42.68925662	37.95831308
ENSMUSG00000003812	21.22355554	28.52030699	27.53989086	34.6346799	32.22875639
ENSMUSG00000003813	40.32475552	59.82308296	52.25517753	69.2693598	56.57937232
ENSMUSG00000003824	4.952162959	6.260555194	9.179963621	6.443661377	12.17530797
ENSMUSG00000003847	60.84085921	83.47406925	80.50121945	82.96214023	85.94335036
ENSMUSG00000003848	50.93653329	105.7338211	81.20737049	155.4533307	121.0368851
ENSMUSG00000003863	3.537259256	5.56493795	3.530755239	6.443661377	8.594335036

ENSMUSG00000003865	70.03773327	66.7792554	67.08434954	149.815127	113.8749392
ENSMUSG00000003868	6.367066661	15.30357936	15.53532305	12.88732275	12.89150255
ENSMUSG00000003873	45.27691848	73.73542784	64.96589639	133.7059736	105.2806042
ENSMUSG00000003923	66.50047402	105.0382038	84.03197468	149.815127	117.4559122
ENSMUSG00000003929	50.22908144	86.95215547	60.02283906	83.7675979	69.47087488
ENSMUSG00000003948	40.32475552	75.12666233	62.84744325	36.24559524	48.70123187
ENSMUSG00000003949	5.65961481	8.347406925	7.767661525	2.416373016	4.297167518
ENSMUSG00000003992	10.61177777	13.21672763	7.767661525	13.69278043	10.7429188
ENSMUSG00000004031	9.904325918	3.478086219	7.767661525	8.860034393	5.013362104
ENSMUSG00000004032	7.074518513	7.651789682	7.061510478	4.02728836	7.161945863
ENSMUSG00000004035	5.65961481	4.869320706	6.35535943	6.443661377	8.594335036
ENSMUSG00000004040	87.72402956	118.2549314	114.3964697	237.6100133	174.7514791
ENSMUSG00000004043	17.68629628	22.2597518	24.71528667	62.02024075	47.98503729
ENSMUSG00000004056	69.33028142	93.90832791	90.38733411	98.265836	73.05184781
ENSMUSG00000004069	50.93653329	93.21271067	81.91352154	95.04400531	84.51096119
ENSMUSG00000004070	83.47931845	90.43024169	90.38733411	78.12939419	65.17370736
ENSMUSG00000004071	48.10672589	82.08283477	53.66747963	47.52200265	53.71459398
ENSMUSG00000004085	9.196874066	13.21672763	10.59226572	12.08186508	22.91822676
ENSMUSG00000004099	8.489422215	9.738641413	4.943057334	8.054576721	12.17530797
ENSMUSG00000004100	3.537259256	8.347406925	5.649208382	4.02728836	3.580972932
ENSMUSG00000004110	10.61177777	9.738641413	9.886114669	9.665492065	6.445751277
ENSMUSG00000004113	8.489422215	4.173703463	12.00456781	2.416373016	4.297167518
ENSMUSG00000004127	8.489422215	7.651789682	7.061510478	25.77464551	27.21539428
ENSMUSG00000004151	7.074518513	4.173703463	5.649208382	3.221830688	7.161945863
ENSMUSG00000004187	7.074518513	8.347406925	12.71071886	8.054576721	9.310529622
ENSMUSG00000004207	123.0966221	156.5138799	154.6470795	194.9207566	166.8733386
ENSMUSG00000004221	7.781970364	17.39043109	14.829172	14.4982381	21.48583759
ENSMUSG00000004231	7.781970364	1.391234488	2.824604191	5.638203705	4.297167518
ENSMUSG00000004233	14.85648888	16.69481385	13.41686991	35.44013757	15.04008631
ENSMUSG00000004263	29.0055259	34.78086219	28.95219296	41.07834128	35.80972932
ENSMUSG00000004264	101.8730666	146.0796212	137.6994543	344.7358837	258.5462457
ENSMUSG00000004266	27.5906222	42.43265187	52.25517753	27.38556085	17.18867007
ENSMUSG00000004267	7.074518513	8.347406925	10.59226572	4.02728836	5.729556691
ENSMUSG00000004268	142.905274	189.9035076	163.120892	461.5272461	340.9086231
ENSMUSG00000004270	24.76081479	49.38882431	46.60596915	57.99295239	55.86317773
ENSMUSG00000004285	24.76081479	43.12826911	38.13215658	54.7711217	48.70123187
ENSMUSG00000004296	8.489422215	6.260555194	6.35535943	7.249119049	6.445751277
ENSMUSG00000004317	9.196874066	10.43425866	11.29841676	12.88732275	12.89150255
ENSMUSG00000004319	44.56946663	75.82227957	60.02283906	144.1769233	119.6044959
ENSMUSG00000004328	9.904325918	8.347406925	9.886114669	9.665492065	7.87814045
ENSMUSG00000004344	4.952162959	10.43425866	7.767661525	6.443661377	4.297167518
ENSMUSG00000004347	11.31922962	7.651789682	5.649208382	4.832746033	4.297167518
ENSMUSG00000004359	14.85648888	10.43425866	12.71071886	7.249119049	9.310529622



ENSMUSG00000004364	124.5115258	139.819066	122.1641313	244.0536746	198.3859004
ENSMUSG00000004371	9.196874066	11.82549314	10.59226572	4.832746033	12.89150255
ENSMUSG00000004383	9.904325918	6.260555194	9.886114669	4.832746033	2.864778345
ENSMUSG00000004393	46.69182218	68.17048989	56.49208382	149.0096693	130.3474147
ENSMUSG00000004394	34.66514071	48.69320706	36.01370344	58.79841006	45.12025894
ENSMUSG00000004415	10.61177777	8.347406925	2.118453143	9.665492065	8.594335036
ENSMUSG00000004446	18.39374813	29.91154148	24.00913562	99.07129367	79.49759908
ENSMUSG00000004451	9.904325918	17.39043109	9.886114669	10.47094974	14.32389173
ENSMUSG00000004455	209.405748	196.1640627	181.4808193	367.2886985	269.2891645
ENSMUSG00000004460	93.38364437	141.2103005	127.1071886	242.4427593	177.6162574
ENSMUSG00000004473	6.367066661	5.56493795	4.236906287	6.443661377	7.161945863
ENSMUSG00000004530	11.31922962	19.47728283	21.89068248	77.32393652	44.40406435
ENSMUSG00000004535	118.851911	128.6891901	105.9226572	138.5387196	99.5510475
ENSMUSG00000004542	6.367066661	8.347406925	7.767661525	8.054576721	9.310529622
ENSMUSG00000004552	73.57499253	105.7338211	96.74269354	37.85651059	39.39070225
ENSMUSG00000004558	7.781970364	3.478086219	4.236906287	6.443661377	7.87814045
ENSMUSG00000004561	9.904325918	19.47728283	23.30298458	29.80193387	30.79636721
ENSMUSG00000004562	8.489422215	4.869320706	8.473812573	6.443661377	9.310529622
ENSMUSG00000004565	16.27139258	14.60796212	5.649208382	12.88732275	15.7562809
ENSMUSG00000004567	23.34591109	47.99758982	39.54445867	43.49471429	35.09353473
ENSMUSG00000004568	65.79302217	77.21351406	91.79963621	36.24559524	48.70123187
ENSMUSG00000004591	57.30359995	94.60394515	76.26431316	128.0677699	100.9834367
ENSMUSG00000004609	5.65961481	2.782468975	6.35535943	3.221830688	7.161945863
ENSMUSG00000004626	53.05888884	69.56172438	72.02740687	93.43308996	64.45751277
ENSMUSG00000004630	10.61177777	9.043024169	9.886114669	7.249119049	10.02672421
ENSMUSG00000004631	4.244711108	8.347406925	6.35535943	4.832746033	4.297167518
ENSMUSG00000004633	9.904325918	5.56493795	11.29841676	7.249119049	5.729556691
ENSMUSG00000004637	9.196874066	4.869320706	9.886114669	11.27640741	15.04008631
ENSMUSG00000004642	44.56946663	59.12746572	49.43057334	204.5862487	148.2522794
ENSMUSG00000004661	50.22908144	67.47487265	68.49665163	103.9040397	73.76804239
ENSMUSG00000004665	94.79854807	117.5593142	126.4010376	122.4295662	129.6312201
ENSMUSG00000004667	94.09109622	128.6891901	117.2210739	143.3714656	122.4692743
ENSMUSG00000004668	9.904325918	6.956172438	9.886114669	7.249119049	6.445751277
ENSMUSG00000004677	80.64951104	125.9067211	93.91808935	119.2077355	90.95671247
ENSMUSG00000004698	67.20792587	81.38721752	84.03197468	50.74383334	57.29556691
ENSMUSG00000004707	53.7663407	68.86610713	69.90895373	79.74030954	76.63282074
ENSMUSG00000004709	5.65961481	7.651789682	10.59226572	9.665492065	12.17530797
ENSMUSG00000004730	5.65961481	8.347406925	8.473812573	18.52552646	25.06681052
ENSMUSG00000004768	8.489422215	12.52111039	8.473812573	15.30369577	17.90486466
ENSMUSG00000004771	60.84085921	77.21351406	81.91352154	64.43661377	78.7814045
ENSMUSG00000004788	41.03220737	46.60635533	55.07978173	72.49119049	61.59273443
ENSMUSG00000004789	91.96874066	121.0374004	93.91808935	219.0844868	199.102095
ENSMUSG00000004798	12.02668147	25.04222078	12.71071886	13.69278043	10.02672421

ENSMUSG00000004814	10.61177777	2.086851731	7.061510478	5.638203705	15.04008631
ENSMUSG00000004815	19.80865184	38.95456565	33.89525029	30.60739154	30.79636721
ENSMUSG00000004842	7.781970364	6.260555194	7.061510478	2.416373016	3.580972932
ENSMUSG00000004846	18.39374813	17.39043109	16.94762515	23.35827249	18.62105924
ENSMUSG00000004849	9.904325918	11.1298759	9.179963621	17.72006879	14.32389173
ENSMUSG00000004864	12.02668147	10.43425866	6.35535943	12.08186508	12.89150255
ENSMUSG00000004865	41.73965922	75.12666233	69.90895373	108.7367857	90.24051788
ENSMUSG00000004872	7.781970364	4.869320706	5.649208382	5.638203705	5.729556691
ENSMUSG00000004880	19.80865184	20.86851731	25.42143772	12.88732275	12.89150255
ENSMUSG00000004891	7.074518513	4.869320706	7.061510478	5.638203705	2.148583759
ENSMUSG00000004892	9.196874066	7.651789682	5.649208382	6.443661377	7.87814045
ENSMUSG00000004894	11.31922962	4.173703463	6.35535943	8.860034393	10.02672421
ENSMUSG00000004896	83.47931845	120.3417832	106.6288082	264.9955741	219.1555434
ENSMUSG00000004897	135.8307554	130.7760418	133.462548	291.5756773	200.5344842
ENSMUSG00000004929	9.904325918	22.95536904	21.89068248	59.60386773	35.80972932
ENSMUSG00000004931	20.51610369	25.04222078	34.60140134	43.49471429	37.24211849
ENSMUSG00000004933	6.367066661	9.738641413	3.530755239	8.054576721	5.013362104
ENSMUSG00000004934	146.4425332	151.6445591	149.7040221	176.3952302	148.2522794
ENSMUSG00000004945	31.12788146	48.69320706	39.54445867	42.68925662	54.43078856
ENSMUSG00000004947	60.13340736	99.47326586	89.68118307	60.40932541	69.47087488
ENSMUSG00000004948	7.074518513	9.738641413	7.767661525	8.054576721	7.87814045
ENSMUSG00000004951	7.074518513	4.869320706	7.061510478	6.443661377	7.161945863
ENSMUSG00000004952	8.489422215	15.99919661	15.53532305	21.74735715	23.63442135
ENSMUSG00000004980	114.6071999	148.1664729	132.756397	302.8520847	222.0203218
ENSMUSG00000004994	21.93100739	36.17209668	30.36449505	32.21830688	32.94495097
ENSMUSG00000005034	16.27139258	29.21592424	21.18453143	20.94189947	25.78300511
ENSMUSG00000005043	22.63845924	25.04222078	25.42143772	15.30369577	22.91822676
ENSMUSG00000005045	7.781970364	4.173703463	4.943057334	4.832746033	10.02672421
ENSMUSG00000005057	12.73413332	13.91234488	15.53532305	20.94189947	16.47247549
ENSMUSG00000005069	17.68629628	30.60715873	24.71528667	20.94189947	30.08017263
ENSMUSG00000005078	9.904325918	18.08604834	15.53532305	15.30369577	17.18867007
ENSMUSG00000005087	33.95768886	50.08444155	56.49208382	245.66459	172.6028953
ENSMUSG00000005089	11.31922962	5.56493795	6.35535943	7.249119049	10.02672421
ENSMUSG00000005102	34.66514071	58.43184848	34.60140134	35.44013757	49.41742646
ENSMUSG00000005103	108.9475851	141.9059177	134.1686991	199.7535027	138.2255552
ENSMUSG00000005107	10.61177777	2.782468975	8.473812573	6.443661377	12.89150255
ENSMUSG00000005125	12.73413332	4.173703463	4.943057334	5.638203705	5.729556691
ENSMUSG00000005142	34.66514071	50.7800588	48.01827125	45.10562964	48.70123187
ENSMUSG00000005150	29.71297775	37.56333116	34.60140134	55.57657937	50.84981563
ENSMUSG00000005161	13.44158517	20.86851731	31.0706461	54.7711217	37.95831308
ENSMUSG00000005198	67.91537772	101.5601176	69.90895373	186.8661799	123.1854689
ENSMUSG00000005204	27.5906222	52.86691053	57.19823487	138.5387196	116.023523
ENSMUSG00000005220	10.61177777	6.260555194	4.236906287	4.832746033	5.729556691

ENSMUSG00000005225	10.61177777	6.956172438	9.886114669	7.249119049	6.445751277
ENSMUSG00000005232	11.31922962	5.56493795	7.061510478	4.832746033	7.161945863
ENSMUSG00000005233	26.1757185	22.2597518	24.71528667	35.44013757	40.10689684
ENSMUSG00000005237	11.31922962	6.260555194	4.943057334	5.638203705	4.297167518
ENSMUSG00000005251	4.952162959	3.478086219	1.412302096	6.443661377	3.580972932
ENSMUSG00000005262	56.5961481	95.2995624	74.14586002	155.4533307	118.1721067
ENSMUSG00000005267	9.904325918	14.60796212	8.473812573	14.4982381	8.594335036
ENSMUSG00000005268	4.952162959	7.651789682	9.179963621	4.832746033	10.02672421
ENSMUSG00000005312	77.11225179	122.4286349	95.33039145	185.2552646	159.7113928
ENSMUSG00000005338	10.61177777	4.869320706	7.061510478	3.221830688	7.161945863
ENSMUSG00000005339	13.44158517	7.651789682	10.59226572	6.443661377	8.594335036
ENSMUSG00000005354	36.78749627	51.47567604	57.19823487	110.3477011	108.1453825
ENSMUSG00000005360	6.367066661	4.869320706	5.649208382	5.638203705	8.594335036
ENSMUSG00000005362	128.7562369	171.8174592	151.8224753	108.7367857	91.67290705
ENSMUSG00000005364	42.44711108	61.9099347	72.73355792	50.74383334	46.55264811
ENSMUSG00000005371	83.47931845	115.4724625	102.3919019	321.3776112	224.1689055
ENSMUSG00000005373	4.244711108	6.260555194	7.767661525	6.443661377	9.310529622
ENSMUSG00000005374	24.76081479	31.30277597	30.36449505	44.30017197	37.24211849
ENSMUSG00000005378	29.0055259	43.82388636	38.83830763	73.29664816	47.98503729
ENSMUSG00000005417	47.39927403	68.86610713	60.02283906	49.132918	42.97167518
ENSMUSG00000005442	12.02668147	21.56413456	23.30298458	41.07834128	29.36397804
ENSMUSG00000005447	15.56394073	18.08604834	13.41686991	13.69278043	12.17530797
ENSMUSG00000005469	31.83533331	47.30197258	45.19366706	27.38556085	32.94495097
ENSMUSG00000005481	142.1978221	177.3823972	141.9363606	298.0193387	209.8450138
ENSMUSG00000005483	74.98989623	96.69079689	99.56729774	147.398754	126.7664418
ENSMUSG00000005493	14.14903703	11.1298759	12.71071886	54.7711217	51.56601022
ENSMUSG00000005501	11.31922962	21.56413456	25.42143772	17.72006879	17.18867007
ENSMUSG00000005505	46.69182218	81.38721752	84.73812573	124.0404815	100.9834367
ENSMUSG00000005506	94.09109622	105.0382038	84.03197468	194.9207566	132.4959985
ENSMUSG00000005514	14.14903703	7.651789682	4.236906287	9.665492065	15.04008631
ENSMUSG00000005534	37.49494812	61.21431745	45.8998181	41.88379895	37.24211849
ENSMUSG00000005540	129.4636888	120.3417832	125.6948865	217.4735715	133.2121931
ENSMUSG00000005547	16.27139258	6.260555194	9.886114669	5.638203705	7.87814045
ENSMUSG00000005553	6.367066661	3.478086219	2.824604191	1.610915344	7.161945863
ENSMUSG00000005566	37.49494812	53.56252777	51.54902649	215.0571984	165.4409494
ENSMUSG00000005575	28.29807405	47.99758982	38.13215658	113.5695318	83.07857202
ENSMUSG00000005580	12.02668147	4.173703463	5.649208382	8.054576721	6.445751277
ENSMUSG00000005583	5.65961481	6.260555194	12.00456781	7.249119049	11.45911338
ENSMUSG00000005609	31.12788146	45.91073809	43.78136496	45.10562964	42.97167518
ENSMUSG00000005610	27.5906222	47.99758982	35.30755239	248.080963	195.5211221
ENSMUSG00000005611	12.73413332	9.738641413	7.061510478	5.638203705	7.161945863
ENSMUSG00000005615	15.56394073	27.12907251	29.65834401	28.9964762	17.90486466
ENSMUSG00000005621	118.851911	178.7736317	146.1732669	256.9409974	181.1972303

ENSMUSG00000005625	107.5326814	139.1234488	113.6903187	150.6205847	121.7530797
ENSMUSG00000005628	10.61177777	11.1298759	10.59226572	7.249119049	10.02672421
ENSMUSG00000005640	4.244711108	4.869320706	9.179963621	4.832746033	2.864778345
ENSMUSG00000005649	7.074518513	7.651789682	7.061510478	6.443661377	2.864778345
ENSMUSG00000005672	8.489422215	4.173703463	4.943057334	7.249119049	6.445751277
ENSMUSG00000005677	5.65961481	5.56493795	14.12302096	5.638203705	7.161945863
ENSMUSG00000005681	7.074518513	9.738641413	3.530755239	8.054576721	8.594335036
ENSMUSG00000005686	16.27139258	27.12907251	17.65377619	8.860034393	10.7429188
ENSMUSG00000005687	39.61730367	75.12666233	50.84287544	78.93485187	58.01176149
ENSMUSG00000005696	5.65961481	2.782468975	3.530755239	4.832746033	2.864778345
ENSMUSG00000005698	73.57499253	108.51629	83.32582364	283.5211006	201.2506788
ENSMUSG00000005699	9.904325918	22.2597518	25.42143772	40.2728836	32.22875639
ENSMUSG00000005705	8.489422215	13.21672763	14.12302096	7.249119049	9.310529622
ENSMUSG00000005716	4.952162959	7.651789682	9.886114669	6.443661377	7.87814045
ENSMUSG00000005732	56.5961481	92.51709342	52.96132858	327.0158149	260.6948294
ENSMUSG00000005763	7.074518513	6.260555194	9.886114669	3.221830688	7.87814045
ENSMUSG00000005774	45.27691848	46.60635533	59.31668801	104.7094974	96.68626916
ENSMUSG00000005779	47.39927403	60.51870021	45.19366706	130.4841429	98.11865833
ENSMUSG00000005802	16.97884443	35.47647943	27.53989086	40.2728836	37.95831308
ENSMUSG00000005803	2.829807405	5.56493795	9.179963621	4.02728836	5.729556691
ENSMUSG00000005804	26.1757185	50.7800588	30.36449505	43.49471429	44.40406435
ENSMUSG00000005813	70.74518513	86.25653823	74.85201106	173.9788572	113.1587446
ENSMUSG00000005846	59.42595551	101.5601176	98.86114669	251.3027937	182.6296195
ENSMUSG00000005871	42.44711108	84.1696865	54.37363068	99.07129367	79.49759908
ENSMUSG00000005881	6.367066661	11.82549314	17.65377619	19.33098413	21.48583759
ENSMUSG00000005882	42.44711108	63.30116918	61.43514116	66.85298678	67.32229112
ENSMUSG00000005883	10.61177777	7.651789682	5.649208382	6.443661377	5.013362104
ENSMUSG00000005886	43.86201478	70.25734162	66.37819849	49.132918	42.97167518
ENSMUSG00000005893	79.94205919	96.69079689	89.68118307	98.265836	78.7814045
ENSMUSG00000005897	12.73413332	18.78166558	11.29841676	24.16373016	25.78300511
ENSMUSG00000005899	24.05336294	36.17209668	27.53989086	56.38203705	47.98503729
ENSMUSG00000005907	41.73965922	75.12666233	60.72899011	83.7675979	63.0251236
ENSMUSG00000005917	4.952162959	9.043024169	6.35535943	6.443661377	5.013362104
ENSMUSG00000005936	69.33028142	91.12585893	76.97046421	111.1531587	89.52432329
ENSMUSG00000005947	3.537259256	0.695617244	5.649208382	7.249119049	2.864778345
ENSMUSG00000005950	9.904325918	6.956172438	13.41686991	5.638203705	7.161945863
ENSMUSG00000005951	16.27139258	25.73783802	22.59683353	8.054576721	17.90486466
ENSMUSG00000005952	12.02668147	10.43425866	7.061510478	8.860034393	6.445751277
ENSMUSG00000005958	7.074518513	5.56493795	6.35535943	1.610915344	3.580972932
ENSMUSG00000005968	7.781970364	6.260555194	9.179963621	10.47094974	4.297167518
ENSMUSG00000005980	9.904325918	9.043024169	12.71071886	7.249119049	7.87814045
ENSMUSG00000005981	67.20792587	68.86610713	73.43970897	116.7913625	100.9834367
ENSMUSG00000005982	45.27691848	62.60555194	57.90438592	49.93837567	37.95831308

ENSMUSG00000005983	29.0055259	39.6501829	28.95219296	45.91108731	49.41742646
ENSMUSG00000005986	22.63845924	31.30277597	21.89068248	20.1364418	17.18867007
ENSMUSG00000005994	7.074518513	6.956172438	5.649208382	5.638203705	8.594335036
ENSMUSG00000006005	65.79302217	94.60394515	81.91352154	140.1496349	108.8615771
ENSMUSG00000006007	4.952162959	8.347406925	7.061510478	4.832746033	7.161945863
ENSMUSG00000006010	57.30359995	89.73462445	79.7950684	150.6205847	118.1721067
ENSMUSG00000006014	10.61177777	6.260555194	9.179963621	1.610915344	7.87814045
ENSMUSG00000006019	29.71297775	59.82308296	53.66747963	37.05105292	37.95831308
ENSMUSG00000006024	65.08557032	104.3425866	97.44884459	168.3406535	111.7263555
ENSMUSG00000006050	43.15456293	74.43104508	48.01827125	116.7913625	95.25387998
ENSMUSG00000006056	8.489422215	6.260555194	6.35535943	5.638203705	7.87814045
ENSMUSG00000006057	31.12788146	57.04061399	38.83830763	94.23854763	83.07857202
ENSMUSG00000006058	22.63845924	51.47567604	38.13215658	53.96566403	51.56601022
ENSMUSG00000006095	12.73413332	13.21672763	18.35992724	34.6346799	28.64778345
ENSMUSG00000006143	5.65961481	8.347406925	10.59226572	8.860034393	10.7429188
ENSMUSG00000006154	22.63845924	36.17209668	11.29841676	22.55281482	19.33725383
ENSMUSG00000006169	33.95768886	66.7792554	47.3121202	89.4058016	84.51096119
ENSMUSG00000006191	34.66514071	58.43184848	41.66291182	68.46390213	63.74131818
ENSMUSG00000006205	5.65961481	6.956172438	7.061510478	3.221830688	11.45911338
ENSMUSG00000006215	49.52162959	82.77845201	81.20737049	66.04752911	68.75468029
ENSMUSG00000006216	8.489422215	8.347406925	8.473812573	4.02728836	7.87814045
ENSMUSG00000006219	6.367066661	6.260555194	11.29841676	12.08186508	9.310529622
ENSMUSG00000006241	10.61177777	2.782468975	7.061510478	9.665492065	8.594335036
ENSMUSG00000006262	77.11225179	107.1250555	106.6288082	131.2896006	122.4692743
ENSMUSG00000006273	41.73965922	84.1696865	58.61053696	82.15668255	73.76804239
ENSMUSG00000006276	96.21345177	98.77764862	87.56272992	128.0677699	127.4826364
ENSMUSG00000006289	39.61730367	52.86691053	52.25517753	133.7059736	118.8883013
ENSMUSG00000006299	37.49494812	69.56172438	48.7244223	57.99295239	59.44415067
ENSMUSG00000006301	10.61177777	6.260555194	11.29841676	13.69278043	7.161945863
ENSMUSG00000006304	42.44711108	57.73623123	64.25974535	210.2244524	141.0903335
ENSMUSG00000006307	53.7663407	80.69160028	77.67661525	281.1047276	204.8316517
ENSMUSG00000006310	4.952162959	4.173703463	6.35535943	11.27640741	7.87814045
ENSMUSG00000006333	36.78749627	89.73462445	52.96132858	264.9955741	204.1154571
ENSMUSG00000006335	66.50047402	89.0390072	80.50121945	166.7297381	143.9551119
ENSMUSG00000006342	14.14903703	4.869320706	7.767661525	8.054576721	10.7429188
ENSMUSG00000006344	15.56394073	17.39043109	26.12758877	4.832746033	15.7562809
ENSMUSG00000006345	7.781970364	6.956172438	9.179963621	4.832746033	11.45911338
ENSMUSG00000006356	6.367066661	9.738641413	4.236906287	8.054576721	7.87814045
ENSMUSG00000006360	51.64398514	56.34499675	58.61053696	22.55281482	25.06681052
ENSMUSG00000006362	38.90985182	45.91073809	49.43057334	62.02024075	37.24211849
ENSMUSG00000006369	4.952162959	4.173703463	8.473812573	7.249119049	7.161945863
ENSMUSG00000006373	19.10119998	20.17290007	22.59683353	29.80193387	37.24211849
ENSMUSG00000006386	7.781970364	4.869320706	7.767661525	5.638203705	5.013362104

ENSMUSG00000006389	8.489422215	11.82549314	5.649208382	2.416373016	10.02672421
ENSMUSG00000006390	51.64398514	70.25734162	64.25974535	126.4568545	103.848215
ENSMUSG00000006392	63.67066661	113.3856107	105.9226572	98.265836	94.5376854
ENSMUSG00000006395	7.781970364	13.21672763	12.00456781	10.47094974	13.60769714
ENSMUSG00000006398	39.61730367	39.6501829	33.89525029	77.32393652	62.30892901
ENSMUSG00000006403	7.781970364	10.43425866	8.473812573	5.638203705	5.013362104
ENSMUSG00000006411	7.781970364	5.56493795	8.473812573	5.638203705	5.729556691
ENSMUSG00000006412	93.38364437	159.9919661	123.5764334	158.6751614	137.5093606
ENSMUSG00000006418	66.50047402	78.60474855	94.6242404	131.2896006	98.83485292
ENSMUSG00000006423	36.08004441	43.12826911	33.89525029	63.6311561	45.83645353
ENSMUSG00000006435	4.952162959	6.260555194	7.767661525	5.638203705	5.013362104
ENSMUSG00000006442	21.22355554	43.82388636	42.36906287	264.1901164	172.6028953
ENSMUSG00000006456	0	0	0	0	0
ENSMUSG00000006463	41.03220737	52.86691053	42.36906287	39.46742593	37.95831308
ENSMUSG00000006469	7.781970364	6.260555194	4.236906287	3.221830688	3.580972932
ENSMUSG00000006471	36.78749627	63.99678643	58.61053696	84.57305557	78.7814045
ENSMUSG00000006476	7.781970364	13.21672763	12.71071886	12.08186508	16.47247549
ENSMUSG00000006488	11.31922962	4.869320706	7.767661525	8.054576721	5.013362104
ENSMUSG00000006494	21.22355554	27.12907251	30.36449505	16.10915344	30.08017263
ENSMUSG00000006498	99.04325918	113.3856107	105.9226572	356.0122911	264.2758024
ENSMUSG00000006519	89.84638511	122.4286349	107.3349593	219.0844868	165.4409494
ENSMUSG00000006522	4.952162959	3.478086219	9.886114669	5.638203705	6.445751277
ENSMUSG00000006526	36.78749627	47.99758982	46.60596915	65.24207144	62.30892901
ENSMUSG00000006527	4.244711108	6.956172438	9.179963621	16.91461111	20.05344842
ENSMUSG00000006529	5.65961481	6.260555194	8.473812573	8.054576721	7.161945863
ENSMUSG00000006538	8.489422215	8.347406925	4.943057334	3.221830688	7.161945863
ENSMUSG00000006542	7.781970364	7.651789682	11.29841676	4.832746033	7.161945863
ENSMUSG00000006567	21.93100739	27.12907251	24.00913562	40.2728836	36.5259239
ENSMUSG00000006574	6.367066661	6.956172438	3.530755239	4.832746033	10.7429188
ENSMUSG00000006575	7.781970364	5.56493795	10.59226572	4.832746033	9.310529622
ENSMUSG00000006576	4.952162959	10.43425866	11.29841676	11.27640741	10.02672421
ENSMUSG00000006586	13.44158517	9.043024169	7.061510478	4.02728836	10.02672421
ENSMUSG00000006599	100.4581629	148.8620902	143.3486627	249.6918783	176.9000628
ENSMUSG00000006611	7.781970364	6.956172438	2.824604191	4.02728836	7.87814045
ENSMUSG00000006641	24.76081479	41.73703463	40.25060972	43.49471429	48.70123187
ENSMUSG00000006649	4.952162959	4.173703463	2.824604191	1.610915344	6.445751277
ENSMUSG00000006673	41.73965922	53.56252777	57.90438592	189.2825529	152.5494469
ENSMUSG00000006675	10.61177777	11.1298759	11.29841676	5.638203705	11.45911338
ENSMUSG00000006676	53.7663407	43.12826911	46.60596915	110.3477011	69.47087488
ENSMUSG00000006699	193.1343554	206.5983214	192.073085	343.1249683	229.8984622
ENSMUSG00000006705	45.27691848	60.51870021	48.7244223	74.9075635	69.47087488
ENSMUSG00000006711	8.489422215	8.347406925	10.59226572	8.860034393	7.161945863
ENSMUSG00000006715	45.98437033	59.12746572	43.78136496	173.1733995	128.9150255

ENSMUSG00000006720	6.367066661	4.869320706	2.824604191	2.416373016	4.297167518
ENSMUSG00000006724	9.904325918	6.260555194	12.00456781	9.665492065	7.87814045
ENSMUSG00000006728	28.29807405	33.3896277	34.60140134	136.9278043	95.97007457
ENSMUSG00000006731	82.06441475	120.3417832	103.804204	85.37851324	94.5376854
ENSMUSG00000006732	8.489422215	15.30357936	20.47838039	25.77464551	27.93158887
ENSMUSG00000006740	199.5014221	194.7728283	201.9591997	296.4084233	222.0203218
ENSMUSG00000006763	20.51610369	34.08524495	28.95219296	38.66196826	33.66114556
ENSMUSG00000006782	154.2245036	132.1672763	137.6994543	167.5351958	110.2939663
ENSMUSG00000006784	8.489422215	11.82549314	6.35535943	8.860034393	12.17530797
ENSMUSG00000006800	4.952162959	5.56493795	6.35535943	10.47094974	7.161945863
ENSMUSG00000006906	12.73413332	12.52111039	21.89068248	49.93837567	35.80972932
ENSMUSG00000006920	31.12788146	53.56252777	46.60596915	38.66196826	37.95831308
ENSMUSG00000006930	9.904325918	7.651789682	4.943057334	5.638203705	5.729556691
ENSMUSG00000006931	7.074518513	7.651789682	8.473812573	8.054576721	3.580972932
ENSMUSG00000006932	10.61177777	11.82549314	8.473812573	8.054576721	6.445751277
ENSMUSG00000006958	10.61177777	4.869320706	7.061510478	7.249119049	7.161945863
ENSMUSG00000006998	34.66514071	61.21431745	55.07978173	120.0131931	78.06520991
ENSMUSG00000007029	119.5593629	118.9505487	139.8179075	285.9374736	181.9134249
ENSMUSG00000007034	6.367066661	1.391234488	7.767661525	14.4982381	16.47247549
ENSMUSG00000007035	17.68629628	11.82549314	14.12302096	26.58010318	22.91822676
ENSMUSG00000007036	28.29807405	45.21512085	34.60140134	23.35827249	30.79636721
ENSMUSG00000007039	17.68629628	18.08604834	33.89525029	20.94189947	30.08017263
ENSMUSG00000007050	41.73965922	72.34419335	60.72899011	171.5624842	126.7664418
ENSMUSG00000007080	21.93100739	20.86851731	16.94762515	56.38203705	42.25548059
ENSMUSG00000007097	16.27139258	4.869320706	12.71071886	6.443661377	5.729556691
ENSMUSG00000007122	9.904325918	6.956172438	11.29841676	8.860034393	7.161945863
ENSMUSG00000007207	8.489422215	10.43425866	9.179963621	11.27640741	8.594335036
ENSMUSG00000007279	7.781970364	2.782468975	2.824604191	8.860034393	7.161945863
ENSMUSG00000007379	4.952162959	6.260555194	8.473812573	6.443661377	4.297167518
ENSMUSG00000007411	105.4103258	127.9935729	111.5718655	161.8969921	134.6445822
ENSMUSG00000007415	21.22355554	28.52030699	27.53989086	33.82922223	42.97167518
ENSMUSG00000007457	0	0	0	0	0
ENSMUSG00000007458	45.98437033	89.73462445	59.31668801	151.4260424	131.7798039
ENSMUSG00000007476	26.1757185	40.34580014	33.89525029	23.35827249	37.24211849
ENSMUSG00000007564	111.7773925	127.2979556	135.5810012	155.4533307	134.6445822
ENSMUSG00000007570	24.05336294	29.21592424	25.42143772	27.38556085	23.63442135
ENSMUSG00000007591	11.31922962	17.39043109	17.65377619	8.054576721	15.04008631
ENSMUSG00000007594	5.65961481	4.173703463	8.473812573	4.832746033	5.013362104
ENSMUSG00000007610	20.51610369	31.30277597	21.89068248	27.38556085	27.93158887
ENSMUSG00000007613	53.05888884	79.30036579	63.5535943	54.7711217	63.74131818
ENSMUSG00000007617	11.31922962	20.86851731	20.47838039	31.41284921	29.36397804
ENSMUSG00000007646	8.489422215	16.69481385	9.179963621	13.69278043	16.47247549
ENSMUSG00000007653	10.61177777	2.086851731	3.530755239	6.443661377	5.013362104

ENSMUSG00000007655	11.31922962	7.651789682	6.35535943	4.02728836	7.87814045
ENSMUSG00000007656	88.43148141	87.64777272	91.09348516	166.7297381	125.3340526
ENSMUSG00000007659	28.29807405	31.30277597	29.65834401	68.46390213	46.55264811
ENSMUSG00000007739	51.64398514	68.17048989	69.90895373	269.8283202	187.6429816
ENSMUSG00000007783	6.367066661	7.651789682	5.649208382	11.27640741	10.02672421
ENSMUSG00000007812	60.84085921	88.34338996	85.44427678	144.1769233	108.8615771
ENSMUSG00000007815	116.0221036	149.5577074	127.8133396	237.6100133	181.9134249
ENSMUSG00000007817	53.05888884	67.47487265	63.5535943	37.05105292	41.53928601
ENSMUSG00000007827	18.39374813	27.12907251	28.95219296	20.94189947	23.63442135
ENSMUSG00000007833	19.80865184	38.95456565	38.13215658	26.58010318	36.5259239
ENSMUSG00000007837	86.30912585	112.6899935	110.1595635	103.9040397	90.24051788
ENSMUSG00000007850	29.0055259	34.78086219	30.36449505	118.4022778	75.20043157
ENSMUSG00000007880	16.27139258	15.30357936	7.061510478	21.74735715	24.35061594
ENSMUSG00000007888	2.829807405	5.56493795	7.061510478	8.054576721	7.161945863
ENSMUSG00000007891	38.20239997	47.30197258	42.36906287	37.85651059	40.10689684
ENSMUSG00000007908	19.10119998	18.78166558	11.29841676	5.638203705	7.87814045
ENSMUSG00000007946	7.074518513	5.56493795	4.236906287	4.832746033	7.161945863
ENSMUSG00000007987	21.93100739	23.65098629	31.0706461	16.10915344	20.05344842
ENSMUSG00000008028	7.781970364	6.956172438	4.236906287	6.443661377	6.445751277
ENSMUSG00000008035	3.537259256	6.956172438	4.236906287	12.08186508	13.60769714
ENSMUSG00000008036	113.1922962	109.9075245	115.8087718	106.3204127	102.4158258
ENSMUSG00000008090	5.65961481	5.56493795	10.59226572	5.638203705	5.013362104
ENSMUSG00000008129	25.46826665	54.95376226	35.30755239	35.44013757	37.24211849
ENSMUSG00000008136	8.489422215	6.260555194	6.35535943	9.665492065	7.161945863
ENSMUSG00000008140	50.93653329	70.95295887	75.55816211	95.84946298	88.09193412
ENSMUSG00000008153	9.196874066	4.173703463	7.767661525	10.47094974	9.310529622
ENSMUSG00000008167	5.65961481	5.56493795	7.061510478	3.221830688	3.580972932
ENSMUSG00000008193	109.6550369	124.5154866	124.9887355	203.780791	156.8466144
ENSMUSG00000008200	58.0110518	95.2995624	76.26431316	288.3538466	208.4126246
ENSMUSG00000008206	50.93653329	55.6493795	60.72899011	33.02376456	40.10689684
ENSMUSG00000008226	36.78749627	61.21431745	52.96132858	44.30017197	37.24211849
ENSMUSG00000008301	7.074518513	6.956172438	8.473812573	8.054576721	5.729556691
ENSMUSG00000008305	3.537259256	9.738641413	9.179963621	13.69278043	8.594335036
ENSMUSG00000008307	10.61177777	13.91234488	14.12302096	16.91461111	12.89150255
ENSMUSG00000008318	31.12788146	42.43265187	32.4829482	59.60386773	55.14698315
ENSMUSG00000008333	25.46826665	56.34499675	53.66747963	70.88027514	64.45751277
ENSMUSG00000008373	65.79302217	86.95215547	75.55816211	183.6443492	128.198831
ENSMUSG00000008398	40.32475552	50.08444155	45.19366706	53.16020636	37.95831308
ENSMUSG00000008435	8.489422215	13.21672763	9.886114669	9.665492065	18.62105924
ENSMUSG00000008475	32.54278516	54.95376226	52.25517753	87.79488626	78.7814045
ENSMUSG00000008489	10.61177777	11.1298759	10.59226572	1.610915344	5.729556691
ENSMUSG00000008496	137.2456591	127.2979556	139.1117564	267.4119471	186.926787
ENSMUSG00000008540	19.10119998	21.56413456	20.47838039	8.860034393	8.594335036



ENSMUSG0000008575	4.952162959	6.260555194	7.061510478	10.47094974	6.445751277
ENSMUSG0000008601	16.27139258	11.82549314	12.00456781	11.27640741	12.17530797
ENSMUSG0000008604	15.56394073	22.2597518	27.53989086	49.93837567	45.12025894
ENSMUSG0000008658	6.367066661	11.1298759	7.767661525	8.054576721	3.580972932
ENSMUSG0000008668	53.7663407	82.77845201	81.20737049	352.7904604	244.9385485
ENSMUSG0000008682	2.829807405	3.478086219	0	2.416373016	2.864778345
ENSMUSG0000008683	120.2668147	161.3832006	143.3486627	335.0703916	242.7899648
ENSMUSG0000008690	89.13893326	130.0804246	98.15499564	192.5043836	148.968474
ENSMUSG0000008730	116.0221036	139.819066	124.9887355	128.8732275	126.7664418
ENSMUSG0000008763	87.72402956	114.081228	118.633376	140.9550926	123.1854689
ENSMUSG0000008789	11.31922962	4.869320706	4.943057334	12.08186508	9.310529622
ENSMUSG0000008813	5.65961481	7.651789682	7.061510478	7.249119049	10.02672421
ENSMUSG0000008822	6.367066661	4.869320706	6.35535943	2.416373016	6.445751277
ENSMUSG0000008855	0	0	0	0	0
ENSMUSG0000008892	61.54831106	90.43024169	91.09348516	115.9859048	88.80812871
ENSMUSG0000008958	33.95768886	59.12746572	42.36906287	54.7711217	62.30892901
ENSMUSG0000008976	63.67066661	94.60394515	86.85657888	219.0844868	189.7915654
ENSMUSG0000009030	16.97884443	18.78166558	17.65377619	28.9964762	28.64778345
ENSMUSG0000009035	68.62282957	114.7768452	80.50121945	74.9075635	72.33565322
ENSMUSG0000009070	12.02668147	9.043024169	7.061510478	12.08186508	11.45911338
ENSMUSG0000009073	19.10119998	27.82468975	20.47838039	57.99295239	49.41742646
ENSMUSG0000009076	77.11225179	111.9943762	83.32582364	136.1223466	103.848215
ENSMUSG0000009079	188.8896443	234.4230112	208.3145591	360.8450371	255.6814673
ENSMUSG0000009090	40.32475552	68.17048989	58.61053696	64.43661377	59.44415067
ENSMUSG0000009108	14.14903703	9.043024169	6.35535943	7.249119049	5.013362104
ENSMUSG0000009114	6.367066661	5.56493795	10.59226572	8.860034393	10.7429188
ENSMUSG0000009207	31.83533331	43.12826911	42.36906287	63.6311561	62.30892901
ENSMUSG0000009210	4.952162959	11.1298759	8.473812573	8.054576721	10.7429188
ENSMUSG0000009246	10.61177777	6.260555194	5.649208382	5.638203705	9.310529622
ENSMUSG0000009291	42.44711108	86.95215547	67.08434954	63.6311561	47.98503729
ENSMUSG0000009292	7.074518513	9.043024169	7.061510478	8.860034393	6.445751277
ENSMUSG0000009293	95.50599992	123.1242521	98.86114669	152.2315	125.3340526
ENSMUSG0000009350	11.31922962	6.956172438	10.59226572	6.443661377	7.161945863
ENSMUSG0000009356	12.02668147	8.347406925	8.473812573	4.02728836	10.02672421
ENSMUSG0000009376	8.489422215	6.956172438	4.236906287	4.02728836	4.297167518
ENSMUSG0000009394	10.61177777	7.651789682	13.41686991	2.416373016	7.87814045
ENSMUSG0000009406	12.02668147	20.86851731	18.35992724	20.1364418	24.35061594
ENSMUSG0000009418	7.781970364	9.043024169	6.35535943	8.054576721	11.45911338
ENSMUSG0000009470	54.47379255	91.12585893	69.20280268	121.6241085	118.8883013
ENSMUSG0000009487	8.489422215	2.782468975	7.061510478	3.221830688	7.161945863
ENSMUSG0000009535	48.81417774	102.9513521	74.85201106	111.1531587	113.8749392
ENSMUSG0000009545	10.61177777	4.869320706	9.886114669	4.832746033	7.161945863
ENSMUSG0000009549	60.84085921	106.4294383	100.2734488	101.4876667	101.6996313

ENSMUSG0000009555	1.414903703	0	0	0	0.716194586
ENSMUSG0000009563	19.80865184	25.73783802	28.95219296	24.96918783	13.60769714
ENSMUSG0000009566	18.39374813	20.17290007	22.59683353	15.30369577	12.89150255
ENSMUSG0000009569	39.61730367	63.30116918	64.96589639	33.82922223	48.70123187
ENSMUSG0000009575	35.37259256	50.7800588	52.96132858	277.8828969	200.5344842
ENSMUSG0000009580	7.781970364	10.43425866	4.943057334	3.221830688	5.729556691
ENSMUSG0000009585	115.3146518	164.1656695	141.2302096	324.5994419	251.3842998
ENSMUSG0000009614	7.074518513	5.56493795	7.061510478	8.860034393	5.013362104
ENSMUSG0000009621	116.7295555	139.1234488	133.462548	292.381135	225.6012947
ENSMUSG0000009628	7.781970364	6.956172438	6.35535943	7.249119049	9.310529622
ENSMUSG0000009630	80.64951104	105.0382038	95.33039145	122.4295662	99.5510475
ENSMUSG0000009640	12.02668147	26.43345526	20.47838039	17.72006879	25.78300511
ENSMUSG0000009646	14.14903703	6.260555194	9.886114669	4.02728836	7.161945863
ENSMUSG0000009647	21.93100739	37.56333116	43.07521391	44.30017197	44.40406435
ENSMUSG0000009670	9.196874066	4.173703463	4.236906287	4.832746033	5.013362104
ENSMUSG0000009681	53.05888884	73.0398106	64.25974535	28.19101852	41.53928601
ENSMUSG0000009687	9.904325918	15.99919661	9.886114669	12.08186508	13.60769714
ENSMUSG0000009734	6.367066661	7.651789682	8.473812573	6.443661377	6.445751277
ENSMUSG0000009739	10.61177777	8.347406925	11.29841676	12.88732275	10.02672421
ENSMUSG0000009741	82.06441475	88.34338996	93.21193831	128.8732275	104.5644096
ENSMUSG0000009772	120.9742666	156.5138799	135.5810012	99.07129367	112.4425501
ENSMUSG0000009828	19.10119998	38.95456565	33.89525029	26.58010318	37.24211849
ENSMUSG0000009863	51.64398514	79.99598303	72.02740687	129.6786852	111.0101609
ENSMUSG0000009876	10.61177777	3.478086219	8.473812573	10.47094974	8.594335036
ENSMUSG0000009894	19.10119998	35.47647943	33.89525029	33.82922223	32.22875639
ENSMUSG0000009907	123.0966221	160.6875833	145.4671158	166.7297381	139.6579443
ENSMUSG0000009941	1.414903703	2.782468975	5.649208382	2.416373016	1.432389173
ENSMUSG0000009995	27.5906222	31.99839321	34.60140134	56.38203705	47.98503729
ENSMUSG00000010021	4.952162959	8.347406925	8.473812573	8.860034393	4.297167518
ENSMUSG00000010025	22.63845924	37.56333116	37.42600553	33.02376456	35.09353473
ENSMUSG00000010044	5.65961481	18.78166558	18.35992724	16.10915344	13.60769714
ENSMUSG00000010047	16.27139258	29.21592424	22.59683353	25.77464551	25.06681052
ENSMUSG00000010048	20.51610369	35.47647943	41.66291182	109.5422434	68.75468029
ENSMUSG00000010051	10.61177777	6.956172438	9.179963621	3.221830688	7.161945863
ENSMUSG00000010064	13.44158517	2.086851731	4.943057334	8.054576721	9.310529622
ENSMUSG00000010066	8.489422215	3.478086219	8.473812573	7.249119049	9.310529622
ENSMUSG00000010067	19.10119998	24.34660353	24.00913562	18.52552646	17.18867007
ENSMUSG00000010080	8.489422215	2.086851731	8.473812573	6.443661377	7.161945863
ENSMUSG00000010086	8.489422215	4.173703463	12.00456781	4.832746033	7.87814045
ENSMUSG00000010095	39.61730367	57.04061399	50.84287544	248.8864207	196.2373167
ENSMUSG00000010097	136.5382073	178.7736317	165.9454962	279.4938122	208.4126246
ENSMUSG00000010110	0	0	0	0	0
ENSMUSG00000010122	13.44158517	2.086851731	6.35535943	5.638203705	6.445751277

ENSMUSG00000010136	21.93100739	22.95536904	32.4829482	10.47094974	14.32389173
ENSMUSG00000010142	35.37259256	68.17048989	47.3121202	202.1698757	147.5360848
ENSMUSG00000010175	13.44158517	2.782468975	8.473812573	2.416373016	10.7429188
ENSMUSG00000010205	99.04325918	116.1680797	110.1595635	264.1901164	169.0219224
ENSMUSG00000010311	7.781970364	2.086851731	7.061510478	6.443661377	5.013362104
ENSMUSG00000010342	5.65961481	11.1298759	13.41686991	13.69278043	10.02672421
ENSMUSG00000010358	51.64398514	82.77845201	65.67204744	178.0061455	109.5777717
ENSMUSG00000010376	102.5805184	157.9051143	141.2302096	202.9753334	181.9134249
ENSMUSG00000010406	12.02668147	6.956172438	5.649208382	15.30369577	11.45911338
ENSMUSG00000010453	75.69734809	103.6469693	112.9841676	110.3477011	96.68626916
ENSMUSG00000010461	12.02668147	6.956172438	10.59226572	2.416373016	5.013362104
ENSMUSG00000010476	8.489422215	4.173703463	6.35535943	2.416373016	5.013362104
ENSMUSG00000010505	7.074518513	5.56493795	10.59226572	5.638203705	8.594335036
ENSMUSG00000010538	53.7663407	82.08283477	91.79963621	265.8010318	199.8182896
ENSMUSG00000010554	44.56946663	78.60474855	70.61510478	165.9242805	125.3340526
ENSMUSG00000010601	7.781970364	5.56493795	4.943057334	4.832746033	4.297167518
ENSMUSG00000010608	36.78749627	61.21431745	40.25060972	114.3749894	97.40246374
ENSMUSG00000010609	4.244711108	13.21672763	7.061510478	8.860034393	12.17530797
ENSMUSG00000010721	8.489422215	11.1298759	11.29841676	0.805457672	5.013362104
ENSMUSG00000010751	9.904325918	13.21672763	10.59226572	20.94189947	14.32389173
ENSMUSG00000010755	53.7663407	64.69240367	57.90438592	150.6205847	117.4559122
ENSMUSG00000010796	9.196874066	4.869320706	4.943057334	4.832746033	5.729556691
ENSMUSG00000010803	14.85648888	5.56493795	5.649208382	3.221830688	6.445751277
ENSMUSG00000010825	8.489422215	5.56493795	8.473812573	7.249119049	7.87814045
ENSMUSG00000010841	9.196874066	10.43425866	5.649208382	15.30369577	10.7429188
ENSMUSG00000010911	37.49494812	62.60555194	69.20280268	93.43308996	68.75468029
ENSMUSG00000010914	33.95768886	62.60555194	73.43970897	85.37851324	82.36237743
ENSMUSG00000010936	55.1812444	79.99598303	79.08891735	86.18397091	77.34901533
ENSMUSG00000011008	22.63845924	20.17290007	24.00913562	14.4982381	16.47247549
ENSMUSG00000011096	9.196874066	14.60796212	9.886114669	7.249119049	12.17530797
ENSMUSG00000011114	7.074518513	13.21672763	14.12302096	20.94189947	22.20203218
ENSMUSG00000011148	17.68629628	20.17290007	16.94762515	15.30369577	18.62105924
ENSMUSG00000011154	7.074518513	7.651789682	4.943057334	1.610915344	10.02672421
ENSMUSG00000011171	6.367066661	8.347406925	8.473812573	1.610915344	2.864778345
ENSMUSG00000011254	10.61177777	20.17290007	21.18453143	20.94189947	16.47247549
ENSMUSG00000011256	50.22908144	56.34499675	54.37363068	80.54576721	64.45751277
ENSMUSG00000011257	37.49494812	52.17129328	56.49208382	272.2446932	202.6830679
ENSMUSG00000011263	11.31922962	6.956172438	8.473812573	8.860034393	8.594335036
ENSMUSG00000011305	7.074518513	5.56493795	7.061510478	11.27640741	7.87814045
ENSMUSG00000011427	41.03220737	37.56333116	41.66291182	30.60739154	33.66114556
ENSMUSG00000011486	8.489422215	7.651789682	8.473812573	6.443661377	9.310529622
ENSMUSG00000011658	12.73413332	9.043024169	17.65377619	20.1364418	10.02672421
ENSMUSG00000011751	33.95768886	40.34580014	46.60596915	14.4982381	19.33725383

ENSMUSG00000011831	7.074518513	9.043024169	3.530755239	6.443661377	4.297167518
ENSMUSG00000011832	12.02668147	18.78166558	11.29841676	8.054576721	12.17530797
ENSMUSG00000011877	23.34591109	29.91154148	34.60140134	60.40932541	56.57937232
ENSMUSG00000011884	55.88869625	84.1696865	91.09348516	60.40932541	75.91662615
ENSMUSG00000011958	57.30359995	85.56092098	79.08891735	92.62763229	69.47087488
ENSMUSG00000011960	13.44158517	13.91234488	16.94762515	37.85651059	30.79636721
ENSMUSG00000012114	120.9742666	146.7752384	139.8179075	158.6751614	148.2522794
ENSMUSG00000012117	24.76081479	43.12826911	35.30755239	66.04752911	52.2822048
ENSMUSG00000012123	10.61177777	6.956172438	6.35535943	12.08186508	9.310529622
ENSMUSG00000012126	19.80865184	32.69401046	43.78136496	59.60386773	50.13362104
ENSMUSG00000012187	7.781970364	9.738641413	7.767661525	2.416373016	7.87814045
ENSMUSG00000012211	7.781970364	9.043024169	7.061510478	11.27640741	8.594335036
ENSMUSG00000012296	76.40479994	100.1688831	89.68118307	79.74030954	87.37573953
ENSMUSG00000012350	12.02668147	5.56493795	9.179963621	10.47094974	6.445751277
ENSMUSG00000012396	9.196874066	8.347406925	6.35535943	8.860034393	8.594335036
ENSMUSG00000012405	38.20239997	66.08363816	44.48751601	166.7297381	152.5494469
ENSMUSG00000012422	57.30359995	118.2549314	98.86114669	131.2896006	104.5644096
ENSMUSG00000012519	5.65961481	7.651789682	9.886114669	80.54576721	55.86317773
ENSMUSG00000012520	9.904325918	5.56493795	9.886114669	2.416373016	5.729556691
ENSMUSG00000012535	82.7718666	122.4286349	96.0365425	162.7024498	143.9551119
ENSMUSG00000012609	33.95768886	68.86610713	51.54902649	120.8186508	95.25387998
ENSMUSG00000012640	35.37259256	46.60635533	40.95676077	66.04752911	65.17370736
ENSMUSG00000012705	8.489422215	5.56493795	12.00456781	4.832746033	10.02672421
ENSMUSG00000012777	7.074518513	7.651789682	9.886114669	5.638203705	9.310529622
ENSMUSG00000012819	9.904325918	7.651789682	9.179963621	8.054576721	10.02672421
ENSMUSG00000012848	31.12788146	43.12826911	44.48751601	183.6443492	122.4692743
ENSMUSG00000013033	9.196874066	9.043024169	10.59226572	8.860034393	7.87814045
ENSMUSG00000013076	4.952162959	3.478086219	5.649208382	5.638203705	6.445751277
ENSMUSG00000013089	9.196874066	13.21672763	10.59226572	16.10915344	3.580972932
ENSMUSG00000013150	11.31922962	18.08604834	16.94762515	14.4982381	12.89150255
ENSMUSG00000013155	22.63845924	24.34660353	14.12302096	15.30369577	14.32389173
ENSMUSG00000013236	8.489422215	15.30357936	11.29841676	8.054576721	4.297167518
ENSMUSG00000013353	7.781970364	4.869320706	7.767661525	8.054576721	9.310529622
ENSMUSG00000013465	62.25576291	106.4294383	101.6857509	113.5695318	116.023523
ENSMUSG00000013483	10.61177777	8.347406925	9.179963621	5.638203705	9.310529622
ENSMUSG00000013495	107.5326814	141.9059177	145.4671158	149.815127	131.7798039
ENSMUSG00000013523	12.02668147	8.347406925	7.767661525	8.054576721	9.310529622
ENSMUSG00000013539	9.904325918	6.260555194	5.649208382	3.221830688	12.17530797
ENSMUSG00000013562	7.781970364	9.738641413	8.473812573	9.665492065	6.445751277
ENSMUSG00000013593	41.73965922	73.0398106	59.31668801	77.32393652	58.01176149
ENSMUSG00000013611	9.904325918	9.738641413	9.179963621	8.054576721	5.729556691
ENSMUSG00000013622	11.31922962	12.52111039	20.47838039	20.1364418	20.05344842
ENSMUSG00000013629	16.97884443	31.30277597	27.53989086	79.74030954	63.0251236

ENSMUSG00000013643	7.781970364	4.869320706	7.061510478	4.832746033	5.729556691
ENSMUSG00000013646	85.601674	121.0374004	104.5103551	127.2623122	103.848215
ENSMUSG00000013698	8.489422215	13.21672763	11.29841676	12.08186508	16.47247549
ENSMUSG00000013701	120.9742666	217.0325801	165.9454962	287.5483889	235.6280189
ENSMUSG00000013736	61.54831106	77.9091313	96.0365425	133.7059736	110.2939663
ENSMUSG00000013766	11.31922962	9.043024169	7.061510478	7.249119049	7.87814045
ENSMUSG00000013787	23.34591109	34.08524495	38.83830763	136.1223466	104.5644096
ENSMUSG00000013833	19.10119998	27.12907251	26.83373982	30.60739154	34.37734014
ENSMUSG00000013858	82.7718666	105.0382038	98.15499564	219.8899445	175.4676737
ENSMUSG00000013878	29.71297775	54.95376226	43.78136496	70.07481747	65.88990194
ENSMUSG00000013921	7.074518513	4.173703463	7.767661525	8.860034393	11.45911338
ENSMUSG00000013928	12.73413332	20.17290007	14.829172	33.82922223	24.35061594
ENSMUSG00000013936	8.489422215	7.651789682	7.767661525	6.443661377	5.729556691
ENSMUSG00000013973	45.27691848	73.0398106	61.43514116	127.2623122	115.3073284
ENSMUSG00000013997	94.79854807	116.863697	92.50578726	153.8424154	158.2790036
ENSMUSG00000014030	164.1288295	185.7298041	170.1824025	440.5853466	282.180667
ENSMUSG00000014039	31.83533331	36.86771392	48.01827125	58.79841006	40.10689684
ENSMUSG00000014074	48.81417774	74.43104508	72.02740687	146.5932963	120.3206905
ENSMUSG00000014075	5.65961481	4.173703463	10.59226572	8.860034393	7.87814045
ENSMUSG00000014077	48.10672589	91.12585893	67.08434954	34.6346799	47.2688427
ENSMUSG00000014104	9.196874066	6.956172438	5.649208382	0.805457672	6.445751277
ENSMUSG00000014158	3.537259256	8.347406925	12.00456781	2.416373016	5.013362104
ENSMUSG00000014164	7.074518513	8.347406925	7.767661525	4.832746033	7.87814045
ENSMUSG00000014177	20.51610369	43.82388636	42.36906287	42.68925662	39.39070225
ENSMUSG00000014195	99.04325918	116.863697	110.1595635	193.3098413	133.9283876
ENSMUSG00000014198	9.904325918	8.347406925	9.179963621	10.47094974	12.89150255
ENSMUSG00000014226	62.25576291	78.60474855	77.67661525	222.3063175	158.2790036
ENSMUSG00000014232	27.5906222	54.95376226	43.07521391	65.24207144	50.13362104
ENSMUSG00000014301	56.5961481	70.95295887	62.1412922	84.57305557	63.74131818
ENSMUSG00000014303	5.65961481	8.347406925	9.886114669	9.665492065	4.297167518
ENSMUSG00000014313	65.79302217	86.95215547	76.97046421	127.2623122	93.10529622
ENSMUSG00000014329	9.196874066	6.260555194	4.943057334	6.443661377	4.297167518
ENSMUSG00000014351	12.73413332	3.478086219	9.886114669	7.249119049	5.729556691
ENSMUSG00000014353	53.05888884	78.60474855	68.49665163	45.10562964	54.43078856
ENSMUSG00000014355	46.69182218	68.86610713	60.02283906	82.15668255	78.7814045
ENSMUSG00000014402	60.13340736	88.34338996	76.26431316	82.96214023	83.7947666
ENSMUSG00000014418	106.8252295	146.7752384	121.4579802	247.2755053	171.8867007
ENSMUSG00000014444	27.5906222	39.6501829	39.54445867	103.9040397	87.37573953
ENSMUSG00000014503	10.61177777	9.043024169	12.71071886	9.665492065	10.7429188
ENSMUSG00000014504	38.90985182	79.99598303	72.02740687	106.3204127	89.52432329
ENSMUSG00000014543	7.781970364	9.738641413	7.767661525	8.054576721	7.161945863
ENSMUSG00000014547	0	0	0	0	0.716194586
ENSMUSG00000014550	57.30359995	86.95215547	74.14586002	74.10210583	75.91662615

ENSMUSG00000014554	24.76081479	43.82388636	38.83830763	41.88379895	33.66114556
ENSMUSG00000014592	29.0055259	52.86691053	57.19823487	43.49471429	57.29556691
ENSMUSG00000014599	8.489422215	6.260555194	9.886114669	20.1364418	11.45911338
ENSMUSG00000014601	26.88317035	38.25894841	48.01827125	42.68925662	30.79636721
ENSMUSG00000014602	5.65961481	6.260555194	7.767661525	5.638203705	8.594335036
ENSMUSG00000014606	41.73965922	50.7800588	56.49208382	160.2860767	122.4692743
ENSMUSG00000014609	9.196874066	5.56493795	13.41686991	9.665492065	13.60769714
ENSMUSG00000014633	23.34591109	23.65098629	22.59683353	32.21830688	38.67450766
ENSMUSG00000014668	32.54278516	69.56172438	55.78593277	59.60386773	53.71459398
ENSMUSG00000014704	4.952162959	9.738641413	4.943057334	5.638203705	8.594335036
ENSMUSG00000014725	12.73413332	10.43425866	9.179963621	4.02728836	6.445751277
ENSMUSG00000014748	39.61730367	49.38882431	36.71985448	63.6311561	52.99839939
ENSMUSG00000014767	58.0110518	84.1696865	68.49665163	133.7059736	116.023523
ENSMUSG00000014771	44.56946663	65.38802092	55.78593277	88.60034393	83.7947666
ENSMUSG00000014773	11.31922962	7.651789682	11.29841676	0.805457672	8.594335036
ENSMUSG00000014778	32.54278516	59.82308296	54.37363068	15.30369577	41.53928601
ENSMUSG00000014782	9.196874066	7.651789682	9.886114669	8.054576721	8.594335036
ENSMUSG00000014791	7.781970364	13.91234488	9.179963621	20.1364418	16.47247549
ENSMUSG00000014837	4.244711108	5.56493795	13.41686991	12.08186508	7.87814045
ENSMUSG00000014846	8.489422215	6.260555194	7.061510478	8.860034393	6.445751277
ENSMUSG00000014850	23.34591109	33.3896277	32.4829482	61.21478308	49.41742646
ENSMUSG00000014852	5.65961481	11.1298759	8.473812573	3.221830688	9.310529622
ENSMUSG00000014856	33.95768886	59.82308296	69.90895373	88.60034393	88.80812871
ENSMUSG00000014873	78.52715549	114.081228	111.5718655	208.6135371	158.9951982
ENSMUSG00000014907	11.31922962	23.65098629	19.77222934	84.57305557	68.75468029
ENSMUSG00000014932	6.367066661	6.956172438	9.886114669	6.443661377	7.161945863
ENSMUSG00000014956	91.26128881	114.7768452	86.85657888	183.6443492	132.4959985
ENSMUSG00000014959	110.3624888	125.9067211	121.4579802	140.9550926	121.0368851
ENSMUSG00000014980	19.10119998	31.99839321	30.36449505	40.2728836	53.71459398
ENSMUSG00000015001	9.904325918	9.043024169	5.649208382	8.054576721	3.580972932
ENSMUSG00000015002	38.90985182	52.17129328	56.49208382	45.10562964	48.70123187
ENSMUSG00000015027	29.71297775	47.99758982	53.66747963	55.57657937	42.25548059
ENSMUSG00000015053	7.781970364	4.173703463	4.943057334	7.249119049	6.445751277
ENSMUSG00000015083	31.83533331	45.91073809	55.78593277	54.7711217	69.47087488
ENSMUSG00000015087	50.93653329	112.6899935	69.90895373	78.12939419	85.94335036
ENSMUSG00000015090	4.244711108	4.869320706	9.179963621	12.08186508	11.45911338
ENSMUSG00000015093	14.85648888	18.78166558	26.12758877	14.4982381	8.594335036
ENSMUSG00000015094	4.952162959	13.21672763	6.35535943	4.832746033	9.310529622
ENSMUSG00000015095	35.37259256	54.95376226	54.37363068	61.21478308	49.41742646
ENSMUSG00000015112	8.489422215	9.738641413	8.473812573	10.47094974	11.45911338
ENSMUSG00000015120	91.26128881	89.0390072	86.15042783	147.398754	103.1320204
ENSMUSG00000015127	50.93653329	84.86530374	76.97046421	75.71302118	58.72795608
ENSMUSG00000015133	42.44711108	54.95376226	48.7244223	61.21478308	63.74131818

ENSMUSG00000015134	11.31922962	9.738641413	6.35535943	6.443661377	2.148583759
ENSMUSG00000015143	8.489422215	12.52111039	9.179963621	5.638203705	5.729556691
ENSMUSG00000015149	106.8252295	132.1672763	132.756397	129.6786852	118.1721067
ENSMUSG00000015165	4.952162959	7.651789682	12.00456781	23.35827249	20.05344842
ENSMUSG00000015176	51.64398514	88.34338996	76.97046421	262.5792011	211.9935976
ENSMUSG00000015189	38.20239997	58.43184848	45.8998181	38.66196826	43.68786977
ENSMUSG00000015202	20.51610369	31.30277597	33.18909925	13.69278043	20.05344842
ENSMUSG00000015214	7.781970364	21.56413456	11.29841676	20.94189947	12.17530797
ENSMUSG00000015217	4.952162959	2.782468975	4.943057334	11.27640741	12.17530797
ENSMUSG00000015222	7.074518513	6.260555194	7.061510478	7.249119049	6.445751277
ENSMUSG00000015224	5.65961481	8.347406925	7.767661525	5.638203705	8.594335036
ENSMUSG00000015242	3.537259256	10.43425866	5.649208382	3.221830688	10.02672421
ENSMUSG00000015247	14.85648888	20.86851731	23.30298458	28.19101852	25.78300511
ENSMUSG00000015290	2.122355554	0	1.412302096	0.805457672	0
ENSMUSG00000015291	42.447111108	45.21512085	52.96132858	98.265836	80.21379367
ENSMUSG00000015314	35.37259256	61.9099347	51.54902649	164.3133651	105.2806042
ENSMUSG00000015316	99.04325918	109.9075245	112.9841676	57.18749472	57.29556691
ENSMUSG00000015335	23.34591109	27.12907251	29.65834401	71.68573282	46.55264811
ENSMUSG00000015340	4.244711108	4.173703463	4.943057334	4.832746033	4.297167518
ENSMUSG00000015341	56.5961481	91.12585893	71.32125582	136.9278043	106.7129934
ENSMUSG00000015355	128.0487851	130.7760418	105.2165061	203.780791	128.198831
ENSMUSG00000015357	53.7663407	109.2119073	84.03197468	83.7675979	103.848215
ENSMUSG00000015363	49.52162959	52.17129328	38.13215658	78.93485187	65.88990194
ENSMUSG00000015365	9.196874066	2.782468975	4.943057334	8.054576721	7.161945863
ENSMUSG00000015401	2.829807405	4.173703463	0.706151048	1.610915344	3.580972932
ENSMUSG00000015405	10.61177777	5.56493795	4.236906287	1.610915344	3.580972932
ENSMUSG00000015452	8.489422215	8.347406925	8.473812573	1.610915344	5.729556691
ENSMUSG00000015461	20.51610369	38.25894841	42.36906287	54.7711217	47.2688427
ENSMUSG00000015467	5.65961481	9.738641413	8.473812573	11.27640741	7.87814045
ENSMUSG00000015468	4.952162959	7.651789682	9.886114669	7.249119049	6.445751277
ENSMUSG00000015474	1.414903703	2.782468975	2.118453143	1.610915344	3.580972932
ENSMUSG00000015478	24.05336294	38.95456565	32.4829482	42.68925662	40.10689684
ENSMUSG00000015488	48.10672589	57.73623123	58.61053696	71.68573282	60.16034525
ENSMUSG00000015501	24.05336294	39.6501829	38.83830763	18.52552646	20.769643
ENSMUSG00000015519	12.02668147	7.651789682	7.061510478	3.221830688	7.161945863
ENSMUSG00000015522	40.32475552	91.82147618	71.32125582	66.85298678	71.61945863
ENSMUSG00000015536	45.27691848	70.25734162	68.49665163	38.66196826	48.70123187
ENSMUSG00000015542	16.27139258	29.21592424	35.30755239	20.1364418	23.63442135
ENSMUSG00000015568	8.489422215	5.56493795	6.35535943	5.638203705	5.729556691
ENSMUSG00000015575	97.62835547	109.2119073	102.3919019	118.4022778	103.1320204
ENSMUSG00000015597	87.01657771	99.47326586	100.9795998	44.30017197	50.84981563
ENSMUSG00000015619	8.489422215	7.651789682	4.943057334	5.638203705	7.161945863
ENSMUSG00000015653	12.02668147	9.043024169	7.767661525	4.832746033	5.013362104

ENSMUSG00000015656	24.76081479	22.2597518	31.0706461	59.60386773	49.41742646
ENSMUSG00000015659	17.68629628	50.08444155	31.0706461	78.93485187	60.87653984
ENSMUSG00000015668	28.29807405	39.6501829	39.54445867	88.60034393	55.14698315
ENSMUSG00000015671	87.72402956	132.1672763	110.1595635	215.0571984	166.157144
ENSMUSG00000015697	20.51610369	36.17209668	31.77679715	70.07481747	51.56601022
ENSMUSG00000015702	14.14903703	7.651789682	11.29841676	7.249119049	12.89150255
ENSMUSG00000015714	43.86201478	63.99678643	53.66747963	110.3477011	85.22715578
ENSMUSG00000015721	8.489422215	6.956172438	7.061510478	4.832746033	7.161945863
ENSMUSG00000015733	123.804074	137.036597	131.3440949	205.3917064	161.1437819
ENSMUSG00000015748	58.71850365	86.25653823	81.91352154	113.5695318	82.36237743
ENSMUSG00000015749	74.98989623	97.38641413	99.56729774	185.2552646	149.6846685
ENSMUSG00000015750	35.37259256	51.47567604	60.02283906	70.88027514	57.29556691
ENSMUSG00000015755	114.6071999	150.9489419	129.2256417	289.964762	241.3575756
ENSMUSG00000015757	99.75071103	162.0788178	149.7040221	283.5211006	219.1555434
ENSMUSG00000015759	86.30912585	94.60394515	91.79963621	116.7913625	117.4559122
ENSMUSG00000015766	4.244711108	5.56493795	4.236906287	4.832746033	10.02672421
ENSMUSG00000015776	74.28244438	108.51629	96.0365425	319.7666958	225.6012947
ENSMUSG00000015787	5.65961481	6.956172438	9.886114669	10.47094974	6.445751277
ENSMUSG00000015790	79.23460734	91.82147618	96.0365425	207.8080794	151.1170577
ENSMUSG00000015804	96.21345177	128.6891901	120.0456781	153.0369577	102.4158258
ENSMUSG00000015806	15.56394073	20.86851731	19.06607829	17.72006879	25.06681052
ENSMUSG00000015829	8.489422215	4.869320706	2.118453143	7.249119049	5.729556691
ENSMUSG00000015837	74.28244438	100.1688831	85.44427678	149.0096693	113.8749392
ENSMUSG00000015843	9.904325918	6.956172438	4.943057334	8.054576721	5.729556691
ENSMUSG00000015846	7.074518513	5.56493795	5.649208382	10.47094974	10.02672421
ENSMUSG00000015850	9.904325918	11.82549314	9.886114669	15.30369577	7.161945863
ENSMUSG00000015852	7.781970364	4.173703463	5.649208382	8.860034393	5.729556691
ENSMUSG00000015869	12.02668147	8.347406925	9.179963621	8.860034393	7.161945863
ENSMUSG00000015880	16.27139258	17.39043109	15.53532305	49.93837567	39.39070225
ENSMUSG00000015882	39.61730367	57.73623123	36.71985448	64.43661377	49.41742646
ENSMUSG00000015937	59.42595551	63.99678643	77.67661525	88.60034393	93.10529622
ENSMUSG00000015943	0.707451851	2.086851731	0	1.610915344	2.148583759
ENSMUSG00000015947	7.781970364	4.869320706	5.649208382	4.832746033	7.87814045
ENSMUSG00000015950	70.74518513	87.64777272	86.85657888	214.2517408	147.5360848
ENSMUSG00000015957	6.367066661	5.56493795	4.943057334	3.221830688	2.864778345
ENSMUSG00000015966	5.65961481	5.56493795	8.473812573	6.443661377	7.87814045
ENSMUSG00000015968	42.44711108	70.95295887	66.37819849	53.96566403	51.56601022
ENSMUSG00000015970	8.489422215	5.56493795	4.943057334	7.249119049	7.161945863
ENSMUSG00000015980	2.122355554	6.260555194	4.236906287	4.832746033	2.148583759
ENSMUSG00000015981	4.952162959	5.56493795	4.943057334	2.416373016	7.161945863
ENSMUSG00000015994	21.93100739	41.73703463	33.89525029	24.16373016	37.95831308
ENSMUSG00000016087	78.52715549	108.51629	91.79963621	152.2315	129.6312201
ENSMUSG00000016128	9.196874066	4.869320706	8.473812573	4.832746033	5.013362104



ENSMUSG00000016150	4.244711108	4.173703463	2.118453143	2.416373016	4.297167518
ENSMUSG00000016179	9.196874066	6.260555194	6.35535943	3.221830688	6.445751277
ENSMUSG00000016194	12.02668147	16.69481385	12.71071886	12.08186508	15.7562809
ENSMUSG00000016200	9.904325918	8.347406925	12.71071886	4.832746033	5.729556691
ENSMUSG00000016239	2.829807405	2.782468975	4.236906287	0.805457672	2.148583759
ENSMUSG00000016253	79.23460734	111.9943762	87.56272992	73.29664816	81.64618284
ENSMUSG00000016256	31.12788146	40.34580014	42.36906287	152.2315	103.1320204
ENSMUSG00000016257	86.30912585	95.99517964	102.3919019	230.3608942	163.2923657
ENSMUSG00000016262	7.074518513	6.956172438	8.473812573	4.02728836	7.161945863
ENSMUSG00000016283	13.44158517	6.956172438	5.649208382	8.860034393	6.445751277
ENSMUSG00000016308	39.61730367	54.25814501	47.3121202	70.07481747	49.41742646
ENSMUSG00000016344	16.97884443	20.86851731	14.829172	29.80193387	20.769643
ENSMUSG00000016346	4.952162959	6.260555194	7.061510478	7.249119049	9.310529622
ENSMUSG00000016349	8.489422215	6.260555194	3.530755239	7.249119049	10.7429188
ENSMUSG00000016382	2.122355554	3.478086219	1.412302096	0.805457672	2.148583759
ENSMUSG00000016386	14.85648888	5.56493795	5.649208382	2.416373016	5.729556691
ENSMUSG00000016458	5.65961481	4.869320706	8.473812573	4.02728836	4.297167518
ENSMUSG00000016477	29.0055259	41.04141738	41.66291182	233.5827249	148.2522794
ENSMUSG00000016481	33.95768886	68.86610713	53.66747963	78.93485187	72.33565322
ENSMUSG00000016487	4.952162959	5.56493795	7.061510478	6.443661377	7.161945863
ENSMUSG00000016493	4.952162959	9.738641413	11.29841676	9.665492065	7.161945863
ENSMUSG00000016495	50.22908144	69.56172438	67.08434954	156.2587884	101.6996313
ENSMUSG00000016503	43.15456293	59.12746572	52.25517753	82.96214023	70.90326405
ENSMUSG00000016510	32.54278516	42.43265187	39.54445867	41.07834128	51.56601022
ENSMUSG00000016524	7.781970364	9.738641413	7.061510478	2.416373016	7.161945863
ENSMUSG00000016528	65.79302217	79.30036579	72.73355792	94.23854763	85.94335036
ENSMUSG00000016534	34.66514071	52.17129328	45.19366706	70.07481747	53.71459398
ENSMUSG00000016552	7.074518513	8.347406925	7.061510478	14.4982381	15.7562809
ENSMUSG00000016559	17.68629628	23.65098629	27.53989086	15.30369577	20.769643
ENSMUSG00000016624	5.65961481	7.651789682	5.649208382	5.638203705	9.310529622
ENSMUSG00000016626	12.73413332	8.347406925	9.886114669	8.054576721	9.310529622
ENSMUSG00000016664	58.0110518	73.0398106	69.20280268	82.96214023	73.05184781
ENSMUSG00000016756	7.781970364	8.347406925	12.00456781	8.054576721	5.729556691
ENSMUSG00000016757	19.10119998	24.34660353	23.30298458	44.30017197	33.66114556
ENSMUSG00000016763	6.367066661	6.260555194	9.179963621	9.665492065	8.594335036
ENSMUSG00000016831	25.46826665	60.51870021	48.7244223	115.9859048	89.52432329
ENSMUSG00000016833	25.46826665	43.82388636	36.01370344	71.68573282	64.45751277
ENSMUSG00000016918	5.65961481	5.56493795	10.59226572	2.416373016	8.594335036
ENSMUSG00000016921	50.22908144	89.73462445	74.14586002	178.8116032	129.6312201
ENSMUSG00000016933	22.63845924	35.47647943	26.83373982	19.33098413	24.35061594
ENSMUSG00000016940	55.88869625	100.8645003	97.44884459	124.0404815	114.5911338
ENSMUSG00000016995	10.61177777	7.651789682	7.061510478	5.638203705	10.02672421
ENSMUSG00000017002	7.074518513	8.347406925	6.35535943	4.832746033	6.445751277

ENSMUSG00000017119	65.79302217	92.51709342	67.79050059	98.265836	93.82149081
ENSMUSG00000017132	160.5915702	168.339373	175.1254598	349.5686297	217.7231542
ENSMUSG00000017146	56.5961481	71.64857611	60.72899011	100.682209	85.94335036
ENSMUSG00000017176	3.537259256	4.869320706	3.530755239	4.832746033	5.013362104
ENSMUSG00000017195	13.44158517	19.47728283	20.47838039	17.72006879	12.89150255
ENSMUSG00000017210	24.05336294	27.82468975	22.59683353	22.55281482	22.91822676
ENSMUSG00000017211	4.952162959	6.956172438	10.59226572	4.832746033	7.161945863
ENSMUSG00000017221	59.42595551	82.08283477	81.91352154	170.7570265	142.5227227
ENSMUSG00000017264	21.22355554	44.5195036	38.83830763	69.2693598	60.16034525
ENSMUSG00000017286	29.0055259	48.69320706	44.48751601	82.15668255	80.92998826
ENSMUSG00000017288	50.93653329	67.47487265	53.66747963	107.9313281	82.36237743
ENSMUSG00000017291	119.5593629	161.3832006	148.9978711	184.4498069	138.9417498
ENSMUSG00000017299	54.47379255	88.34338996	88.26888097	67.65844446	74.48423698
ENSMUSG00000017307	84.1867703	129.3848073	121.4579802	94.23854763	88.09193412
ENSMUSG00000017309	7.074518513	6.956172438	12.00456781	8.054576721	7.87814045
ENSMUSG00000017311	3.537259256	4.173703463	5.649208382	10.47094974	6.445751277
ENSMUSG00000017314	7.781970364	3.478086219	7.061510478	8.860034393	5.729556691
ENSMUSG00000017316	4.244711108	7.651789682	5.649208382	6.443661377	9.310529622
ENSMUSG00000017376	29.0055259	48.69320706	36.01370344	33.82922223	44.40406435
ENSMUSG00000017386	67.20792587	98.08203137	96.74269354	105.514955	85.94335036
ENSMUSG00000017390	10.61177777	7.651789682	14.829172	11.27640741	10.7429188
ENSMUSG00000017400	14.14903703	11.82549314	10.59226572	5.638203705	10.02672421
ENSMUSG00000017404	34.66514071	52.17129328	49.43057334	70.88027514	68.75468029
ENSMUSG00000017405	11.31922962	5.56493795	10.59226572	10.47094974	15.7562809
ENSMUSG00000017412	7.074518513	6.956172438	2.118453143	5.638203705	2.864778345
ENSMUSG00000017417	17.68629628	14.60796212	12.71071886	12.88732275	13.60769714
ENSMUSG00000017418	17.68629628	31.99839321	24.00913562	24.96918783	30.08017263
ENSMUSG00000017421	162.7139258	210.7720249	163.120892	324.5994419	227.7498785
ENSMUSG00000017428	107.5326814	150.2533247	118.633376	236.8045556	164.0085603
ENSMUSG00000017446	6.367066661	6.260555194	7.061510478	8.860034393	8.594335036
ENSMUSG00000017478	69.33028142	86.25653823	91.09348516	152.2315	116.7397176
ENSMUSG00000017485	121.6817184	142.601535	135.5810012	117.5968201	114.5911338
ENSMUSG00000017493	11.31922962	9.738641413	12.71071886	11.27640741	10.7429188
ENSMUSG00000017499	16.27139258	33.3896277	23.30298458	68.46390213	51.56601022
ENSMUSG00000017548	77.11225179	127.9935729	90.38733411	226.3336059	161.1437819
ENSMUSG00000017550	81.3569629	90.43024169	84.73812573	127.2623122	98.11865833
ENSMUSG00000017561	78.52715549	93.21271067	91.09348516	223.9172328	163.2923657
ENSMUSG00000017615	48.10672589	86.95215547	88.97503202	144.1769233	108.1453825
ENSMUSG00000017631	7.074518513	4.173703463	2.824604191	6.443661377	7.161945863
ENSMUSG00000017639	9.904325918	2.782468975	10.59226572	4.832746033	7.161945863
ENSMUSG00000017652	75.69734809	87.64777272	86.85657888	153.0369577	108.8615771
ENSMUSG00000017664	16.27139258	27.82468975	22.59683353	17.72006879	22.91822676
ENSMUSG00000017670	65.08557032	75.12666233	81.20737049	62.82569842	62.30892901

ENSMUSG00000017677	71.45263698	102.2557348	84.03197468	184.4498069	128.198831
ENSMUSG00000017679	128.0487851	143.9927695	123.5764334	169.1461111	145.387501
ENSMUSG00000017686	50.93653329	91.82147618	82.61967259	93.43308996	86.65954495
ENSMUSG00000017688	7.074518513	5.56493795	7.767661525	2.416373016	8.594335036
ENSMUSG00000017715	78.52715549	107.8206728	112.2780166	115.1804471	112.4425501
ENSMUSG00000017716	111.0699406	94.60394515	101.6857509	214.2517408	164.0085603
ENSMUSG00000017718	55.1812444	84.1696865	60.72899011	244.0536746	199.102095
ENSMUSG00000017721	34.66514071	43.12826911	46.60596915	61.21478308	57.29556691
ENSMUSG00000017723	6.367066661	4.869320706	7.767661525	5.638203705	5.013362104
ENSMUSG00000017724	7.074518513	9.043024169	4.236906287	4.832746033	4.297167518
ENSMUSG00000017734	10.61177777	6.260555194	11.29841676	4.02728836	12.89150255
ENSMUSG00000017740	0	0	0	0	0
ENSMUSG00000017747	14.85648888	28.52030699	19.06607829	10.47094974	18.62105924
ENSMUSG00000017754	11.31922962	8.347406925	10.59226572	9.665492065	7.161945863
ENSMUSG00000017760	29.71297775	45.91073809	30.36449505	41.88379895	47.2688427
ENSMUSG00000017765	10.61177777	21.56413456	16.94762515	20.1364418	22.91822676
ENSMUSG00000017774	29.71297775	59.12746572	59.31668801	89.4058016	60.16034525
ENSMUSG00000017776	111.0699406	130.7760418	97.44884459	274.6610662	199.8182896
ENSMUSG00000017778	3.537259256	2.086851731	6.35535943	3.221830688	4.297167518
ENSMUSG00000017781	125.9264295	146.0796212	135.5810012	191.698926	140.3741389
ENSMUSG00000017801	17.68629628	32.69401046	36.01370344	33.82922223	40.10689684
ENSMUSG00000017802	193.8418072	198.2509145	181.4808193	166.7297381	117.4559122
ENSMUSG00000017817	5.65961481	6.260555194	9.886114669	8.860034393	5.013362104
ENSMUSG00000017830	13.44158517	25.73783802	17.65377619	59.60386773	37.95831308
ENSMUSG00000017837	163.4213776	147.4708557	169.4762515	285.9374736	201.9668733
ENSMUSG00000017843	124.5115258	130.7760418	147.585569	200.5589604	169.0219224
ENSMUSG00000017858	43.86201478	53.56252777	45.8998181	50.74383334	47.2688427
ENSMUSG00000017861	33.25023701	31.30277597	35.30755239	178.0061455	129.6312201
ENSMUSG00000017868	12.02668147	5.56493795	9.179963621	5.638203705	3.580972932
ENSMUSG00000017897	9.904325918	9.738641413	7.767661525	8.860034393	6.445751277
ENSMUSG00000017922	10.61177777	6.260555194	3.530755239	4.02728836	5.729556691
ENSMUSG00000017929	40.32475552	68.17048989	64.96589639	268.2174048	187.6429816
ENSMUSG00000017943	6.367066661	2.782468975	6.35535943	10.47094974	6.445751277
ENSMUSG00000017950	7.781970364	7.651789682	12.00456781	8.054576721	5.729556691
ENSMUSG00000017969	12.73413332	3.478086219	5.649208382	7.249119049	7.87814045
ENSMUSG00000017978	9.904325918	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000017999	91.96874066	139.1234488	129.2256417	252.913709	190.50776
ENSMUSG00000018001	9.196874066	16.69481385	14.829172	12.88732275	15.7562809
ENSMUSG00000018012	4.244711108	9.043024169	6.35535943	4.02728836	7.87814045
ENSMUSG00000018042	27.5906222	46.60635533	38.83830763	81.35122488	60.87653984
ENSMUSG00000018068	19.10119998	36.86771392	30.36449505	35.44013757	36.5259239
ENSMUSG00000018076	64.37811846	104.3425866	76.26431316	83.7675979	84.51096119
ENSMUSG00000018126	7.781970364	6.260555194	6.35535943	5.638203705	3.580972932

ENSMUSG00000018143	53.7663407	84.86530374	69.20280268	173.1733995	106.7129934
ENSMUSG00000018160	77.11225179	116.863697	98.86114669	256.1355397	197.6697058
ENSMUSG00000018167	66.50047402	90.43024169	94.6242404	50.74383334	47.98503729
ENSMUSG00000018169	57.30359995	76.51789682	71.32125582	128.8732275	105.2806042
ENSMUSG00000018189	1.414903703	1.391234488	1.412302096	0.805457672	0.716194586
ENSMUSG00000018196	12.02668147	20.17290007	25.42143772	24.16373016	15.04008631
ENSMUSG00000018209	137.2456591	173.2086937	158.8839857	261.7737434	198.3859004
ENSMUSG00000018211	12.02668147	7.651789682	8.473812573	4.832746033	5.013362104
ENSMUSG00000018217	9.196874066	4.173703463	7.061510478	4.02728836	7.161945863
ENSMUSG00000018259	7.781970364	7.651789682	7.767661525	8.054576721	10.02672421
ENSMUSG00000018263	5.65961481	4.173703463	4.236906287	5.638203705	5.013362104
ENSMUSG00000018287	36.08004441	36.17209668	43.78136496	66.04752911	55.86317773
ENSMUSG00000018322	142.905274	175.9911627	150.4101732	179.6170609	160.4275873
ENSMUSG00000018334	19.80865184	33.3896277	31.77679715	70.07481747	75.20043157
ENSMUSG00000018339	9.196874066	8.347406925	8.473812573	8.054576721	8.594335036
ENSMUSG00000018340	36.78749627	48.69320706	56.49208382	44.30017197	43.68786977
ENSMUSG00000018341	6.367066661	9.043024169	8.473812573	9.665492065	6.445751277
ENSMUSG00000018347	60.13340736	96.69079689	86.15042783	74.10210583	67.32229112
ENSMUSG00000018362	68.62282957	91.12585893	69.90895373	273.0501508	213.4259867
ENSMUSG00000018363	2.122355554	2.086851731	3.530755239	0	4.297167518
ENSMUSG00000018372	75.69734809	125.9067211	98.15499564	235.1936403	181.9134249
ENSMUSG00000018377	83.47931845	130.0804246	93.21193831	91.82217462	99.5510475
ENSMUSG00000018378	11.31922962	6.260555194	9.179963621	12.08186508	7.161945863
ENSMUSG00000018379	72.86754068	121.7330177	98.86114669	279.4938122	233.4794351
ENSMUSG00000018381	173.3257036	155.1226454	182.1869703	160.2860767	116.023523
ENSMUSG00000018387	9.196874066	6.956172438	6.35535943	4.02728836	5.729556691
ENSMUSG00000018395	7.781970364	9.043024169	6.35535943	7.249119049	5.729556691
ENSMUSG00000018398	8.489422215	2.782468975	4.236906287	5.638203705	5.729556691
ENSMUSG00000018401	33.95768886	43.82388636	49.43057334	107.1258704	104.5644096
ENSMUSG00000018411	4.952162959	6.956172438	6.35535943	4.02728836	8.594335036
ENSMUSG00000018412	38.90985182	60.51870021	49.43057334	37.85651059	47.98503729
ENSMUSG00000018415	44.56946663	95.99517964	75.55816211	135.3168889	104.5644096
ENSMUSG00000018417	4.244711108	2.782468975	6.35535943	4.832746033	5.013362104
ENSMUSG00000018425	14.14903703	24.34660353	31.77679715	42.68925662	42.97167518
ENSMUSG00000018428	7.074518513	6.956172438	12.00456781	28.9964762	25.78300511
ENSMUSG00000018433	36.78749627	88.34338996	62.1412922	170.7570265	128.198831
ENSMUSG00000018442	106.1177777	157.2094971	141.9363606	270.6337778	218.4393488
ENSMUSG00000018449	56.5961481	90.43024169	71.32125582	119.2077355	92.38910164
ENSMUSG00000018459	8.489422215	4.869320706	9.886114669	6.443661377	4.297167518
ENSMUSG00000018474	14.85648888	22.2597518	33.89525029	57.99295239	37.95831308
ENSMUSG00000018479	7.781970364	11.82549314	9.179963621	4.02728836	6.445751277
ENSMUSG00000018501	70.03773327	96.69079689	80.50121945	180.4225185	159.7113928
ENSMUSG00000018507	20.51610369	34.08524495	30.36449505	41.88379895	44.40406435

ENSMUSG00000018537	5.65961481	7.651789682	4.943057334	8.860034393	6.445751277
ENSMUSG00000018541	82.7718666	109.2119073	110.1595635	119.2077355	121.7530797
ENSMUSG00000018548	7.781970364	11.1298759	12.00456781	44.30017197	37.24211849
ENSMUSG00000018554	10.61177777	10.43425866	6.35535943	3.221830688	10.7429188
ENSMUSG00000018559	44.56946663	54.95376226	55.78593277	169.1461111	152.5494469
ENSMUSG00000018565	42.44711108	73.0398106	83.32582364	213.4462831	174.0352845
ENSMUSG00000018566	4.952162959	9.738641413	4.943057334	4.832746033	9.310529622
ENSMUSG00000018567	76.40479994	115.4724625	103.098053	91.82217462	75.91662615
ENSMUSG00000018569	5.65961481	2.782468975	9.179963621	4.832746033	8.594335036
ENSMUSG00000018570	14.14903703	23.65098629	30.36449505	25.77464551	30.08017263
ENSMUSG00000018572	25.46826665	50.08444155	45.8998181	158.6751614	105.9967988
ENSMUSG00000018574	21.22355554	22.2597518	10.59226572	16.10915344	16.47247549
ENSMUSG00000018581	7.074518513	3.478086219	2.824604191	7.249119049	6.445751277
ENSMUSG00000018593	5.65961481	8.347406925	5.649208382	7.249119049	8.594335036
ENSMUSG00000018604	7.074518513	5.56493795	7.061510478	5.638203705	5.013362104
ENSMUSG00000018634	2.122355554	4.173703463	10.59226572	9.665492065	8.594335036
ENSMUSG00000018648	7.781970364	4.869320706	4.943057334	6.443661377	6.445751277
ENSMUSG00000018651	6.367066661	6.260555194	11.29841676	28.19101852	17.90486466
ENSMUSG00000018654	17.68629628	23.65098629	31.77679715	82.15668255	50.13362104
ENSMUSG00000018659	9.196874066	18.08604834	14.12302096	28.9964762	35.80972932
ENSMUSG00000018661	21.22355554	20.86851731	29.65834401	43.49471429	32.94495097
ENSMUSG00000018666	77.81970364	117.5593142	98.86114669	145.7878386	121.0368851
ENSMUSG00000018669	14.14903703	26.43345526	26.83373982	30.60739154	21.48583759
ENSMUSG00000018672	0.707451851	1.391234488	1.412302096	1.610915344	0
ENSMUSG00000018678	10.61177777	13.91234488	9.886114669	8.860034393	12.17530797
ENSMUSG00000018697	22.63845924	31.99839321	36.71985448	56.38203705	50.84981563
ENSMUSG00000018698	7.781970364	4.173703463	2.824604191	6.443661377	4.297167518
ENSMUSG00000018707	52.35143699	74.43104508	72.02740687	101.4876667	91.67290705
ENSMUSG00000018727	11.31922962	4.869320706	4.943057334	11.27640741	10.02672421
ENSMUSG00000018733	101.8730666	129.3848073	105.9226572	109.5422434	104.5644096
ENSMUSG00000018736	7.074518513	6.260555194	13.41686991	9.665492065	8.594335036
ENSMUSG00000018740	12.73413332	17.39043109	11.29841676	5.638203705	10.7429188
ENSMUSG00000018750	58.0110518	83.47406925	81.91352154	33.02376456	36.5259239
ENSMUSG00000018752	1.414903703	2.086851731	0.706151048	0	2.148583759
ENSMUSG00000018761	30.4204296	59.82308296	46.60596915	86.98942859	69.47087488
ENSMUSG00000018774	8.489422215	9.738641413	12.00456781	8.860034393	10.7429188
ENSMUSG00000018796	17.68629628	13.91234488	19.77222934	14.4982381	15.7562809
ENSMUSG00000018800	7.781970364	4.869320706	7.061510478	4.02728836	6.445751277
ENSMUSG00000018819	171.203348	189.9035076	198.4284444	137.7332619	78.7814045
ENSMUSG00000018820	58.0110518	93.21271067	74.14586002	65.24207144	68.0384857
ENSMUSG00000018841	26.1757185	38.95456565	35.30755239	37.85651059	32.22875639
ENSMUSG00000018845	12.73413332	9.738641413	9.886114669	9.665492065	12.17530797
ENSMUSG00000018858	24.05336294	43.82388636	36.71985448	27.38556085	35.80972932

ENSMUSG00000018862	7.781970364	4.173703463	6.35535943	6.443661377	3.580972932
ENSMUSG00000018882	12.73413332	30.60715873	21.89068248	41.88379895	48.70123187
ENSMUSG00000018893	5.65961481	3.478086219	5.649208382	8.054576721	7.87814045
ENSMUSG00000018899	76.40479994	102.2557348	105.9226572	377.7596482	239.2089918
ENSMUSG00000018906	6.367066661	9.043024169	9.179963621	5.638203705	7.87814045
ENSMUSG00000018907	6.367066661	4.869320706	4.943057334	2.416373016	8.594335036
ENSMUSG00000018909	13.44158517	15.30357936	16.94762515	10.47094974	14.32389173
ENSMUSG00000018919	5.65961481	5.56493795	9.886114669	4.02728836	4.297167518
ENSMUSG00000018920	6.367066661	8.347406925	5.649208382	8.054576721	15.04008631
ENSMUSG00000018921	62.25576291	90.43024169	74.85201106	174.7843148	133.9283876
ENSMUSG00000018923	18.39374813	25.73783802	21.18453143	39.46742593	44.40406435
ENSMUSG00000018965	48.81417774	56.34499675	53.66747963	146.5932963	117.4559122
ENSMUSG00000018986	16.27139258	27.82468975	24.00913562	42.68925662	30.08017263
ENSMUSG00000018995	14.85648888	28.52030699	22.59683353	36.24559524	27.21539428
ENSMUSG00000018999	29.71297775	54.95376226	40.95676077	30.60739154	35.80972932
ENSMUSG00000019039	5.65961481	9.738641413	9.886114669	19.33098413	11.45911338
ENSMUSG00000019054	12.02668147	9.043024169	9.179963621	12.08186508	8.594335036
ENSMUSG00000019055	13.44158517	15.99919661	16.2414741	4.02728836	9.310529622
ENSMUSG00000019066	10.61177777	5.56493795	6.35535943	4.832746033	7.161945863
ENSMUSG00000019082	40.32475552	54.95376226	46.60596915	68.46390213	51.56601022
ENSMUSG00000019087	45.27691848	40.34580014	51.54902649	68.46390213	44.40406435
ENSMUSG00000019088	27.5906222	35.47647943	33.18909925	56.38203705	44.40406435
ENSMUSG00000019102	7.074518513	6.260555194	8.473812573	13.69278043	10.02672421
ENSMUSG00000019124	6.367066661	2.782468975	12.71071886	3.221830688	7.161945863
ENSMUSG00000019132	105.4103258	171.121842	147.585569	289.1593043	222.0203218
ENSMUSG00000019139	12.02668147	15.30357936	16.2414741	34.6346799	37.24211849
ENSMUSG00000019143	58.71850365	104.3425866	81.20737049	209.4189947	142.5227227
ENSMUSG00000019173	84.89422215	110.6031418	98.15499564	203.780791	150.4008631
ENSMUSG00000019178	70.03773327	111.9943762	86.15042783	158.6751614	118.8883013
ENSMUSG00000019179	77.81970364	99.47326586	110.1595635	176.3952302	126.0502472
ENSMUSG00000019188	50.22908144	62.60555194	60.72899011	124.8459392	83.7947666
ENSMUSG00000019189	142.1978221	180.1648661	144.0548137	199.7535027	171.1705061
ENSMUSG00000019194	9.904325918	6.260555194	6.35535943	2.416373016	6.445751277
ENSMUSG00000019210	95.50599992	114.081228	111.5718655	167.5351958	116.023523
ENSMUSG00000019214	13.44158517	15.30357936	16.94762515	30.60739154	24.35061594
ENSMUSG00000019230	7.781970364	11.1298759	5.649208382	8.054576721	7.161945863
ENSMUSG00000019232	7.781970364	7.651789682	4.943057334	5.638203705	12.89150255
ENSMUSG00000019254	89.13893326	108.51629	109.4534124	144.982381	106.7129934
ENSMUSG00000019256	8.489422215	13.21672763	9.886114669	50.74383334	73.76804239
ENSMUSG00000019302	36.78749627	52.86691053	36.01370344	62.82569842	59.44415067
ENSMUSG00000019303	15.56394073	20.17290007	20.47838039	43.49471429	32.94495097
ENSMUSG00000019312	14.14903703	15.99919661	20.47838039	7.249119049	8.594335036
ENSMUSG00000019320	8.489422215	7.651789682	8.473812573	28.19101852	30.08017263

ENSMUSG00000019326	4.244711108	6.260555194	14.12302096	8.860034393	10.7429188
ENSMUSG00000019338	31.83533331	59.82308296	45.19366706	49.93837567	62.30892901
ENSMUSG00000019359	4.244711108	4.869320706	4.943057334	1.610915344	2.148583759
ENSMUSG00000019368	7.074518513	10.43425866	7.767661525	4.02728836	7.161945863
ENSMUSG00000019370	99.04325918	82.77845201	90.38733411	170.7570265	113.1587446
ENSMUSG00000019373	50.93653329	102.9513521	84.03197468	132.0950582	106.7129934
ENSMUSG00000019428	73.57499253	91.12585893	101.6857509	95.04400531	87.37573953
ENSMUSG00000019432	6.367066661	9.043024169	10.59226572	5.638203705	6.445751277
ENSMUSG00000019437	8.489422215	7.651789682	2.824604191	15.30369577	15.04008631
ENSMUSG00000019461	9.196874066	7.651789682	14.12302096	10.47094974	8.594335036
ENSMUSG00000019467	7.074518513	6.260555194	8.473812573	4.02728836	7.87814045
ENSMUSG00000019470	82.06441475	111.298759	117.927225	229.5554365	153.2656415
ENSMUSG00000019471	60.84085921	89.0390072	79.7950684	184.4498069	133.9283876
ENSMUSG00000019478	14.85648888	4.869320706	9.179963621	7.249119049	7.161945863
ENSMUSG00000019487	7.781970364	16.69481385	15.53532305	9.665492065	14.32389173
ENSMUSG00000019494	28.29807405	50.08444155	48.7244223	70.07481747	55.14698315
ENSMUSG00000019518	29.71297775	24.34660353	28.24604191	182.0334339	116.7397176
ENSMUSG00000019528	24.76081479	31.30277597	31.77679715	22.55281482	19.33725383
ENSMUSG00000019539	12.02668147	9.043024169	14.12302096	7.249119049	14.32389173
ENSMUSG00000019558	4.952162959	2.782468975	4.236906287	4.832746033	0.716194586
ENSMUSG00000019564	55.88869625	46.60635533	51.54902649	134.5114312	95.25387998
ENSMUSG00000019578	9.196874066	27.12907251	19.77222934	16.91461111	15.04008631
ENSMUSG00000019579	23.34591109	22.95536904	29.65834401	74.10210583	54.43078856
ENSMUSG00000019590	11.31922962	7.651789682	5.649208382	4.832746033	8.594335036
ENSMUSG00000019647	7.074518513	6.260555194	9.179963621	4.02728836	3.580972932
ENSMUSG00000019699	46.69182218	69.56172438	67.08434954	60.40932541	59.44415067
ENSMUSG00000019710	21.22355554	37.56333116	31.77679715	41.07834128	40.10689684
ENSMUSG00000019715	23.34591109	45.91073809	35.30755239	50.74383334	33.66114556
ENSMUSG00000019726	68.62282957	130.7760418	103.098053	148.2042117	111.0101609
ENSMUSG00000019731	57.30359995	105.7338211	83.32582364	192.5043836	148.968474
ENSMUSG00000019732	12.02668147	19.47728283	16.2414741	35.44013757	25.78300511
ENSMUSG00000019734	10.61177777	12.52111039	7.767661525	5.638203705	10.02672421
ENSMUSG00000019737	2.829807405	6.956172438	3.530755239	8.054576721	5.729556691
ENSMUSG00000019738	13.44158517	17.39043109	21.89068248	38.66196826	31.5125618
ENSMUSG00000019756	10.61177777	9.738641413	9.886114669	4.02728836	2.148583759
ENSMUSG00000019761	10.61177777	9.043024169	2.824604191	4.832746033	8.594335036
ENSMUSG00000019763	35.37259256	75.82227957	63.5535943	114.3749894	76.63282074
ENSMUSG00000019767	1.414903703	4.869320706	6.35535943	3.221830688	2.148583759
ENSMUSG00000019768	9.904325918	10.43425866	8.473812573	4.02728836	13.60769714
ENSMUSG00000019775	7.074518513	8.347406925	5.649208382	7.249119049	8.594335036
ENSMUSG00000019777	63.67066661	91.82147618	98.86114669	95.84946298	103.848215
ENSMUSG00000019779	9.904325918	6.260555194	5.649208382	3.221830688	7.87814045
ENSMUSG00000019782	53.05888884	99.47326586	81.20737049	119.2077355	109.5777717

ENSMUSG00000019785	12.02668147	3.478086219	5.649208382	4.832746033	7.161945863
ENSMUSG00000019790	20.51610369	44.5195036	37.42600553	45.10562964	55.14698315
ENSMUSG00000019791	16.97884443	36.17209668	23.30298458	24.16373016	20.05344842
ENSMUSG00000019794	46.69182218	73.0398106	51.54902649	78.12939419	56.57937232
ENSMUSG00000019795	177.5704147	203.8158524	186.4238766	319.7666958	232.7632406
ENSMUSG00000019796	7.074518513	8.347406925	7.061510478	8.860034393	13.60769714
ENSMUSG00000019797	19.80865184	34.78086219	26.12758877	36.24559524	27.21539428
ENSMUSG00000019802	82.7718666	109.2119073	96.0365425	123.2350238	100.2672421
ENSMUSG00000019803	5.65961481	2.782468975	3.530755239	4.02728836	6.445751277
ENSMUSG00000019804	34.66514071	61.21431745	63.5535943	98.265836	70.90326405
ENSMUSG00000019806	4.952162959	11.82549314	12.00456781	8.860034393	16.47247549
ENSMUSG00000019809	29.71297775	43.12826911	39.54445867	50.74383334	53.71459398
ENSMUSG00000019810	5.65961481	11.1298759	10.59226572	4.832746033	11.45911338
ENSMUSG00000019813	16.97884443	27.82468975	22.59683353	38.66196826	33.66114556
ENSMUSG00000019817	9.196874066	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000019818	77.81970364	95.2995624	71.32125582	177.2006879	128.9150255
ENSMUSG00000019820	9.196874066	7.651789682	16.2414741	3.221830688	9.310529622
ENSMUSG00000019822	19.80865184	26.43345526	26.83373982	14.4982381	24.35061594
ENSMUSG00000019823	25.46826665	35.47647943	36.71985448	32.21830688	32.94495097
ENSMUSG00000019826	53.05888884	82.77845201	79.7950684	64.43661377	73.05184781
ENSMUSG00000019828	10.61177777	9.738641413	7.061510478	4.02728836	10.02672421
ENSMUSG00000019831	64.37811846	94.60394515	76.26431316	76.51847885	60.16034525
ENSMUSG00000019834	9.904325918	6.956172438	6.35535943	4.832746033	6.445751277
ENSMUSG00000019838	7.074518513	10.43425866	14.829172	9.665492065	13.60769714
ENSMUSG00000019841	15.56394073	43.82388636	40.95676077	90.21125927	65.88990194
ENSMUSG00000019843	11.31922962	30.60715873	12.71071886	19.33098413	17.90486466
ENSMUSG00000019846	7.074518513	8.347406925	10.59226572	4.02728836	6.445751277
ENSMUSG00000019848	9.196874066	9.043024169	5.649208382	6.443661377	12.89150255
ENSMUSG00000019849	66.50047402	82.08283477	97.44884459	95.04400531	87.37573953
ENSMUSG00000019850	80.64951104	97.38641413	89.68118307	231.1663519	154.6980307
ENSMUSG00000019854	60.84085921	82.77845201	74.14586002	100.682209	94.5376854
ENSMUSG00000019861	74.28244438	112.6899935	96.0365425	126.4568545	111.7263555
ENSMUSG00000019864	65.08557032	107.1250555	88.97503202	88.60034393	95.25387998
ENSMUSG00000019866	14.14903703	27.12907251	31.77679715	14.4982381	17.18867007
ENSMUSG00000019868	123.804074	150.2533247	134.8748501	135.3168889	94.5376854
ENSMUSG00000019872	22.63845924	32.69401046	21.18453143	12.08186508	15.04008631
ENSMUSG00000019874	4.244711108	4.869320706	4.236906287	4.832746033	2.864778345
ENSMUSG00000019876	29.0055259	51.47567604	35.30755239	149.0096693	107.429188
ENSMUSG00000019877	84.89422215	123.1242521	92.50578726	99.07129367	99.5510475
ENSMUSG00000019880	5.65961481	6.956172438	7.767661525	3.221830688	2.864778345
ENSMUSG00000019883	22.63845924	48.69320706	40.95676077	33.02376456	47.98503729
ENSMUSG00000019888	7.074518513	4.869320706	5.649208382	3.221830688	2.864778345
ENSMUSG00000019889	6.367066661	6.260555194	5.649208382	1.610915344	7.161945863



ENSMUSG00000019891	11.31922962	20.86851731	17.65377619	45.91108731	29.36397804
ENSMUSG00000019892	7.074518513	9.738641413	8.473812573	10.47094974	5.013362104
ENSMUSG00000019893	12.02668147	4.869320706	7.061510478	2.416373016	10.02672421
ENSMUSG00000019894	9.196874066	7.651789682	13.41686991	5.638203705	3.580972932
ENSMUSG00000019899	16.27139258	8.347406925	7.061510478	4.832746033	5.729556691
ENSMUSG00000019900	7.781970364	9.738641413	4.236906287	6.443661377	3.580972932
ENSMUSG00000019906	4.952162959	6.260555194	7.767661525	4.832746033	5.013362104
ENSMUSG00000019916	8.489422215	38.25894841	33.89525029	35.44013757	22.91822676
ENSMUSG00000019917	12.73413332	22.2597518	18.35992724	46.71654498	44.40406435
ENSMUSG00000019920	21.22355554	43.12826911	27.53989086	66.04752911	39.39070225
ENSMUSG00000019923	21.93100739	20.86851731	27.53989086	77.32393652	52.99839939
ENSMUSG00000019929	4.244711108	8.347406925	6.35535943	4.02728836	4.297167518
ENSMUSG00000019935	9.904325918	4.869320706	8.473812573	4.02728836	5.013362104
ENSMUSG00000019936	11.31922962	7.651789682	4.236906287	6.443661377	5.013362104
ENSMUSG00000019942	68.62282957	50.08444155	57.90438592	216.6681138	143.2389173
ENSMUSG00000019943	95.50599992	118.2549314	112.9841676	153.8424154	141.8065281
ENSMUSG00000019944	13.44158517	12.52111039	7.767661525	3.221830688	5.013362104
ENSMUSG00000019945	4.244711108	6.956172438	7.767661525	4.02728836	6.445751277
ENSMUSG00000019947	23.34591109	31.30277597	38.13215658	64.43661377	61.59273443
ENSMUSG00000019951	51.64398514	77.9091313	69.20280268	58.79841006	57.29556691
ENSMUSG00000019952	5.65961481	4.173703463	8.473812573	11.27640741	8.594335036
ENSMUSG00000019961	98.33580733	125.2111039	99.56729774	213.4462831	179.7648412
ENSMUSG00000019966	12.73413332	7.651789682	9.886114669	1.610915344	3.580972932
ENSMUSG00000019969	33.25023701	34.78086219	47.3121202	102.2931244	73.76804239
ENSMUSG00000019970	7.074518513	4.173703463	4.236906287	8.054576721	3.580972932
ENSMUSG00000019971	5.65961481	6.956172438	5.649208382	2.416373016	8.594335036
ENSMUSG00000019975	16.97884443	31.99839321	20.47838039	41.88379895	30.79636721
ENSMUSG00000019977	107.5326814	156.5138799	134.8748501	164.3133651	137.5093606
ENSMUSG00000019978	94.79854807	112.6899935	110.1595635	78.93485187	81.64618284
ENSMUSG00000019979	18.39374813	23.65098629	27.53989086	28.19101852	35.09353473
ENSMUSG00000019982	20.51610369	16.69481385	19.06607829	34.6346799	16.47247549
ENSMUSG00000019984	25.46826665	29.21592424	25.42143772	32.21830688	32.22875639
ENSMUSG00000019986	4.244711108	8.347406925	10.59226572	8.054576721	13.60769714
ENSMUSG00000019990	4.952162959	6.956172438	9.179963621	8.054576721	8.594335036
ENSMUSG00000019996	6.367066661	8.347406925	6.35535943	9.665492065	5.013362104
ENSMUSG00000019997	7.781970364	6.956172438	7.061510478	2.416373016	5.013362104
ENSMUSG00000020003	11.31922962	22.2597518	21.18453143	19.33098413	15.7562809
ENSMUSG00000020009	61.54831106	94.60394515	81.91352154	62.02024075	54.43078856
ENSMUSG00000020014	7.781970364	11.1298759	7.767661525	6.443661377	4.297167518
ENSMUSG00000020015	4.244711108	4.173703463	5.649208382	2.416373016	6.445751277
ENSMUSG00000020017	6.367066661	5.56493795	7.061510478	10.47094974	7.87814045
ENSMUSG00000020022	31.12788146	52.86691053	52.25517753	114.3749894	81.64618284
ENSMUSG00000020023	5.65961481	6.956172438	3.530755239	12.08186508	7.161945863

ENSMUSG00000020027	8.489422215	5.56493795	6.35535943	25.77464551	25.06681052
ENSMUSG00000020032	12.73413332	19.47728283	19.06607829	12.88732275	14.32389173
ENSMUSG00000020037	7.074518513	4.173703463	6.35535943	7.249119049	8.594335036
ENSMUSG00000020038	20.51610369	25.73783802	33.18909925	26.58010318	22.20203218
ENSMUSG00000020042	10.61177777	4.869320706	4.943057334	2.416373016	2.864778345
ENSMUSG00000020044	8.489422215	9.738641413	5.649208382	4.832746033	8.594335036
ENSMUSG00000020048	0	0	0	0	0
ENSMUSG00000020051	7.781970364	7.651789682	8.473812573	5.638203705	7.161945863
ENSMUSG00000020053	7.781970364	4.173703463	4.236906287	8.860034393	6.445751277
ENSMUSG00000020056	16.27139258	25.73783802	19.77222934	13.69278043	22.91822676
ENSMUSG00000020061	3.537259256	6.956172438	2.824604191	1.610915344	3.580972932
ENSMUSG00000020063	9.904325918	6.956172438	6.35535943	6.443661377	7.87814045
ENSMUSG00000020069	74.28244438	86.25653823	81.20737049	136.1223466	107.429188
ENSMUSG00000020070	33.95768886	52.17129328	46.60596915	38.66196826	47.2688427
ENSMUSG00000020072	61.54831106	67.47487265	61.43514116	114.3749894	85.94335036
ENSMUSG00000020077	13.44158517	15.30357936	15.53532305	10.47094974	17.90486466
ENSMUSG00000020078	79.23460734	119.6461659	114.3964697	103.098582	105.9967988
ENSMUSG00000020079	41.73965922	79.99598303	55.78593277	164.3133651	130.3474147
ENSMUSG00000020083	9.196874066	2.782468975	6.35535943	4.02728836	7.87814045
ENSMUSG00000020085	9.196874066	6.956172438	6.35535943	8.054576721	9.310529622
ENSMUSG00000020088	116.7295555	180.1648661	126.4010376	229.5554365	189.7915654
ENSMUSG00000020091	117.4370073	155.8182626	127.8133396	169.1461111	146.1036956
ENSMUSG00000020096	9.196874066	6.956172438	7.767661525	4.02728836	2.864778345
ENSMUSG00000020097	13.44158517	10.43425866	18.35992724	70.88027514	58.72795608
ENSMUSG00000020100	76.40479994	95.2995624	69.90895373	66.04752911	88.09193412
ENSMUSG00000020101	12.02668147	15.99919661	12.71071886	17.72006879	17.18867007
ENSMUSG00000020102	5.65961481	8.347406925	10.59226572	7.249119049	5.013362104
ENSMUSG00000020107	85.601674	100.8645003	96.0365425	116.7913625	118.8883013
ENSMUSG00000020109	99.75071103	132.1672763	112.9841676	107.9313281	90.24051788
ENSMUSG00000020111	9.196874066	16.69481385	10.59226572	20.1364418	17.90486466
ENSMUSG00000020114	140.0754665	143.2971522	151.1163242	201.364418	180.4810358
ENSMUSG00000020120	12.73413332	16.69481385	16.94762515	8.054576721	12.17530797
ENSMUSG00000020121	5.65961481	11.1298759	8.473812573	3.221830688	8.594335036
ENSMUSG00000020122	6.367066661	3.478086219	6.35535943	8.860034393	7.161945863
ENSMUSG00000020124	2.829807405	2.782468975	0	0.805457672	0
ENSMUSG00000020128	123.804074	163.4700523	144.0548137	239.2209286	206.9802355
ENSMUSG00000020131	7.781970364	4.173703463	6.35535943	4.02728836	10.02672421
ENSMUSG00000020132	48.10672589	70.95295887	71.32125582	140.1496349	123.1854689
ENSMUSG00000020134	30.4204296	66.08363816	64.25974535	186.8661799	147.5360848
ENSMUSG00000020135	5.65961481	9.738641413	12.00456781	21.74735715	8.594335036
ENSMUSG00000020140	9.904325918	5.56493795	7.061510478	8.860034393	4.297167518
ENSMUSG00000020142	7.074518513	6.260555194	13.41686991	23.35827249	14.32389173
ENSMUSG00000020143	80.64951104	135.6453625	99.56729774	207.8080794	162.5761711

ENSMUSG00000020149	178.2778665	185.7298041	160.2962878	257.7464551	201.2506788
ENSMUSG00000020150	8.489422215	13.21672763	11.29841676	11.27640741	15.04008631
ENSMUSG00000020151	10.61177777	3.478086219	4.943057334	5.638203705	4.297167518
ENSMUSG00000020153	63.67066661	76.51789682	74.14586002	114.3749894	93.82149081
ENSMUSG00000020154	5.65961481	6.260555194	8.473812573	8.054576721	7.161945863
ENSMUSG00000020156	16.97884443	22.2597518	21.18453143	21.74735715	22.20203218
ENSMUSG00000020160	7.781970364	4.869320706	9.886114669	4.02728836	10.02672421
ENSMUSG00000020163	84.1867703	105.0382038	108.7472614	147.398754	138.2255552
ENSMUSG00000020166	91.26128881	115.4724625	96.0365425	228.7499789	181.1972303
ENSMUSG00000020167	72.86754068	98.08203137	98.15499564	178.8116032	128.198831
ENSMUSG00000020173	4.244711108	4.173703463	9.179963621	4.832746033	2.864778345
ENSMUSG00000020175	2.829807405	10.43425866	10.59226572	3.221830688	5.729556691
ENSMUSG00000020176	9.904325918	6.956172438	5.649208382	5.638203705	7.87814045
ENSMUSG00000020177	9.196874066	10.43425866	8.473812573	4.832746033	4.297167518
ENSMUSG00000020180	97.62835547	145.3840039	141.2302096	240.0263863	195.5211221
ENSMUSG00000020182	13.44158517	9.043024169	6.35535943	8.054576721	11.45911338
ENSMUSG00000020183	42.44711108	55.6493795	50.13672439	20.1364418	25.78300511
ENSMUSG00000020184	91.96874066	111.298759	114.3964697	153.8424154	125.3340526
ENSMUSG00000020185	22.63845924	13.21672763	12.00456781	16.10915344	13.60769714
ENSMUSG00000020189	53.05888884	95.99517964	79.7950684	103.098582	79.49759908
ENSMUSG00000020190	239.1187257	230.9449249	243.6221115	316.5448651	237.7766027
ENSMUSG00000020191	11.31922962	14.60796212	4.943057334	8.054576721	5.013362104
ENSMUSG00000020196	47.39927403	62.60555194	48.01827125	109.5422434	70.90326405
ENSMUSG00000020211	101.1656147	134.254128	119.3395271	360.0395794	244.9385485
ENSMUSG00000020212	19.80865184	17.39043109	19.77222934	8.054576721	14.32389173
ENSMUSG00000020214	9.196874066	10.43425866	7.767661525	4.832746033	10.02672421
ENSMUSG00000020216	7.781970364	9.738641413	6.35535943	4.832746033	6.445751277
ENSMUSG00000020218	4.952162959	12.52111039	8.473812573	6.443661377	8.594335036
ENSMUSG00000020220	102.5805184	121.7330177	131.3440949	82.15668255	90.24051788
ENSMUSG00000020224	81.3569629	103.6469693	102.3919019	187.6716376	131.0636093
ENSMUSG00000020225	38.90985182	61.21431745	65.67204744	40.2728836	32.22875639
ENSMUSG00000020227	33.25023701	57.04061399	43.78136496	26.58010318	37.24211849
ENSMUSG00000020228	22.63845924	32.69401046	31.77679715	24.16373016	38.67450766
ENSMUSG00000020230	18.39374813	22.2597518	19.77222934	12.88732275	22.20203218
ENSMUSG00000020231	11.31922962	13.91234488	6.35535943	5.638203705	12.89150255
ENSMUSG00000020232	12.02668147	18.08604834	14.829172	17.72006879	23.63442135
ENSMUSG00000020234	16.27139258	12.52111039	17.65377619	8.054576721	15.7562809
ENSMUSG00000020235	63.67066661	75.12666233	88.97503202	140.9550926	95.25387998
ENSMUSG00000020238	129.4636888	148.1664729	159.5901368	178.0061455	165.4409494
ENSMUSG00000020241	4.952162959	3.478086219	3.530755239	6.443661377	7.161945863
ENSMUSG00000020246	29.0055259	36.17209668	33.18909925	41.07834128	35.09353473
ENSMUSG00000020248	22.63845924	42.43265187	40.95676077	84.57305557	58.01176149
ENSMUSG00000020250	17.68629628	15.30357936	16.94762515	92.62763229	58.01176149

ENSMUSG00000020251	10.61177777	5.56493795	8.473812573	5.638203705	5.013362104
ENSMUSG00000020253	41.73965922	45.91073809	46.60596915	65.24207144	52.99839939
ENSMUSG00000020256	7.074518513	8.347406925	9.886114669	3.221830688	10.7429188
ENSMUSG00000020257	88.43148141	106.4294383	98.15499564	213.4462831	168.3057278
ENSMUSG00000020258	13.44158517	22.2597518	16.94762515	6.443661377	10.7429188
ENSMUSG00000020261	29.0055259	38.95456565	38.13215658	23.35827249	29.36397804
ENSMUSG00000020262	6.367066661	4.173703463	9.179963621	7.249119049	7.87814045
ENSMUSG00000020263	5.65961481	12.52111039	10.59226572	8.054576721	9.310529622
ENSMUSG00000020265	32.54278516	34.78086219	37.42600553	57.18749472	65.17370736
ENSMUSG00000020268	16.97884443	33.3896277	19.77222934	37.05105292	27.21539428
ENSMUSG00000020271	101.8730666	137.036597	115.1026208	140.9550926	133.9283876
ENSMUSG00000020273	36.78749627	48.69320706	49.43057334	58.79841006	65.88990194
ENSMUSG00000020277	48.81417774	55.6493795	60.72899011	69.2693598	58.01176149
ENSMUSG00000020279	14.85648888	26.43345526	22.59683353	20.1364418	13.60769714
ENSMUSG00000020280	58.71850365	114.081228	102.3919019	107.9313281	100.2672421
ENSMUSG00000020282	13.44158517	17.39043109	20.47838039	12.08186508	17.90486466
ENSMUSG00000020284	12.73413332	12.52111039	14.829172	12.88732275	14.32389173
ENSMUSG00000020286	7.074518513	7.651789682	7.061510478	5.638203705	6.445751277
ENSMUSG00000020287	13.44158517	21.56413456	24.00913562	15.30369577	25.06681052
ENSMUSG00000020288	17.68629628	18.08604834	19.06607829	42.68925662	28.64778345
ENSMUSG00000020289	45.27691848	82.77845201	59.31668801	70.07481747	80.21379367
ENSMUSG00000020290	17.68629628	43.12826911	41.66291182	164.3133651	128.198831
ENSMUSG00000020297	7.781970364	5.56493795	8.473812573	11.27640741	6.445751277
ENSMUSG00000020300	79.23460734	127.9935729	120.7518292	93.43308996	93.10529622
ENSMUSG00000020305	44.56946663	82.08283477	75.55816211	74.10210583	64.45751277
ENSMUSG00000020307	86.30912585	109.9075245	112.9841676	289.1593043	195.5211221
ENSMUSG00000020311	38.90985182	67.47487265	65.67204744	57.18749472	58.72795608
ENSMUSG00000020312	11.31922962	10.43425866	7.061510478	4.832746033	3.580972932
ENSMUSG00000020315	8.489422215	4.173703463	6.35535943	5.638203705	4.297167518
ENSMUSG00000020317	9.196874066	6.956172438	7.061510478	7.249119049	5.013362104
ENSMUSG00000020321	41.73965922	75.82227957	60.72899011	69.2693598	55.86317773
ENSMUSG00000020323	9.904325918	8.347406925	14.829172	8.054576721	10.02672421
ENSMUSG00000020325	5.65961481	6.260555194	8.473812573	10.47094974	7.161945863
ENSMUSG00000020328	77.81970364	99.47326586	80.50121945	207.8080794	156.1304198
ENSMUSG00000020329	19.80865184	29.91154148	36.71985448	33.82922223	31.5125618
ENSMUSG00000020330	75.69734809	89.73462445	74.14586002	211.0299101	166.157144
ENSMUSG00000020333	9.196874066	11.82549314	2.824604191	8.860034393	8.594335036
ENSMUSG00000020335	3.537259256	6.956172438	11.29841676	4.02728836	12.89150255
ENSMUSG00000020340	109.6550369	130.7760418	112.9841676	151.4260424	116.7397176
ENSMUSG00000020346	15.56394073	27.12907251	33.18909925	53.16020636	31.5125618
ENSMUSG00000020354	7.074518513	6.260555194	6.35535943	5.638203705	5.013362104
ENSMUSG00000020358	86.30912585	116.1680797	110.8657145	303.6575424	234.9118243
ENSMUSG00000020359	19.10119998	38.95456565	40.25060972	62.02024075	42.25548059

ENSMUSG00000020361	102.5805184	134.254128	122.1641313	282.7156429	227.0336839
ENSMUSG00000020362	78.52715549	118.2549314	103.804204	144.982381	127.4826364
ENSMUSG00000020364	8.489422215	5.56493795	14.12302096	8.054576721	8.594335036
ENSMUSG00000020366	34.66514071	40.34580014	48.01827125	45.10562964	41.53928601
ENSMUSG00000020368	145.7350814	187.8166558	156.0593816	362.4559524	242.0737702
ENSMUSG00000020372	6.367066661	8.347406925	5.649208382	12.08186508	7.87814045
ENSMUSG00000020374	6.367066661	6.956172438	4.943057334	4.832746033	5.729556691
ENSMUSG00000020376	65.08557032	93.90832791	78.3827663	71.68573282	76.63282074
ENSMUSG00000020377	10.61177777	11.82549314	10.59226572	8.054576721	7.87814045
ENSMUSG00000020380	23.34591109	43.12826911	34.60140134	60.40932541	52.2822048
ENSMUSG00000020381	12.73413332	18.08604834	12.00456781	13.69278043	18.62105924
ENSMUSG00000020385	46.69182218	73.0398106	55.78593277	74.10210583	51.56601022
ENSMUSG00000020387	16.97884443	24.34660353	24.00913562	114.3749894	82.36237743
ENSMUSG00000020388	7.074518513	7.651789682	6.35535943	9.665492065	5.013362104
ENSMUSG00000020389	14.85648888	25.04222078	16.2414741	43.49471429	40.10689684
ENSMUSG00000020390	123.0966221	146.0796212	154.6470795	165.9242805	143.9551119
ENSMUSG00000020393	10.61177777	24.34660353	22.59683353	12.08186508	20.05344842
ENSMUSG00000020395	13.44158517	9.043024169	7.767661525	9.665492065	5.013362104
ENSMUSG00000020397	60.13340736	89.73462445	92.50578726	153.8424154	97.40246374
ENSMUSG00000020399	10.61177777	6.260555194	6.35535943	4.832746033	8.594335036
ENSMUSG00000020400	14.85648888	27.12907251	35.30755239	38.66196826	28.64778345
ENSMUSG00000020402	44.56946663	67.47487265	68.49665163	78.93485187	75.91662615
ENSMUSG00000020407	6.367066661	7.651789682	7.061510478	5.638203705	5.013362104
ENSMUSG00000020409	84.1867703	130.7760418	109.4534124	128.0677699	98.11865833
ENSMUSG00000020412	19.10119998	23.65098629	23.30298458	57.18749472	52.2822048
ENSMUSG00000020413	24.05336294	36.86771392	24.71528667	46.71654498	59.44415067
ENSMUSG00000020415	14.85648888	25.04222078	24.71528667	17.72006879	20.769643
ENSMUSG00000020419	12.02668147	9.043024169	7.061510478	4.02728836	9.310529622
ENSMUSG00000020422	16.27139258	23.65098629	19.77222934	10.47094974	12.17530797
ENSMUSG00000020427	8.489422215	5.56493795	5.649208382	5.638203705	4.297167518
ENSMUSG00000020428	8.489422215	4.173703463	7.061510478	4.832746033	4.297167518
ENSMUSG00000020430	60.84085921	89.73462445	76.26431316	207.8080794	137.5093606
ENSMUSG00000020432	7.781970364	9.738641413	7.061510478	5.638203705	9.310529622
ENSMUSG00000020435	7.781970364	4.869320706	9.179963621	4.832746033	7.161945863
ENSMUSG00000020436	8.489422215	9.738641413	8.473812573	4.02728836	4.297167518
ENSMUSG00000020437	56.5961481	75.12666233	81.20737049	280.2992699	219.871738
ENSMUSG00000020439	2.829807405	10.43425866	10.59226572	6.443661377	8.594335036
ENSMUSG00000020440	26.1757185	44.5195036	52.25517753	46.71654498	40.82309142
ENSMUSG00000020444	18.39374813	22.2597518	21.89068248	26.58010318	19.33725383
ENSMUSG00000020448	65.08557032	105.7338211	91.79963621	87.79488626	73.05184781
ENSMUSG00000020451	99.04325918	127.2979556	113.6903187	108.7367857	110.2939663
ENSMUSG00000020453	26.88317035	40.34580014	30.36449505	57.99295239	52.2822048
ENSMUSG00000020454	113.8997481	148.1664729	145.4671158	253.7191667	179.7648412

ENSMUSG00000020455	214.3579109	251.8134422	210.4330122	280.2992699	206.9802355
ENSMUSG00000020456	65.79302217	79.99598303	64.96589639	140.9550926	95.97007457
ENSMUSG00000020457	67.91537772	126.6023384	115.8087718	176.3952302	158.2790036
ENSMUSG00000020458	36.08004441	50.08444155	41.66291182	68.46390213	60.16034525
ENSMUSG00000020459	25.46826665	25.04222078	26.83373982	45.91108731	44.40406435
ENSMUSG00000020460	31.12788146	45.91073809	52.25517753	165.9242805	107.429188
ENSMUSG00000020461	36.78749627	45.21512085	31.0706461	140.9550926	118.1721067
ENSMUSG00000020462	16.27139258	20.17290007	19.06607829	18.52552646	20.05344842
ENSMUSG00000020463	101.1656147	156.5138799	127.8133396	211.8353678	150.4008631
ENSMUSG00000020464	28.29807405	46.60635533	33.18909925	97.46037832	67.32229112
ENSMUSG00000020467	7.781970364	8.347406925	8.473812573	8.860034393	10.02672421
ENSMUSG00000020471	21.22355554	38.25894841	38.83830763	67.65844446	58.72795608
ENSMUSG00000020472	9.196874066	14.60796212	19.77222934	8.860034393	11.45911338
ENSMUSG00000020473	9.196874066	8.347406925	7.061510478	8.054576721	7.87814045
ENSMUSG00000020474	17.68629628	16.69481385	25.42143772	22.55281482	23.63442135
ENSMUSG00000020476	21.93100739	29.21592424	28.24604191	113.5695318	89.52432329
ENSMUSG00000020477	31.83533331	49.38882431	54.37363068	66.04752911	61.59273443
ENSMUSG00000020481	4.952162959	6.260555194	10.59226572	9.665492065	6.445751277
ENSMUSG00000020483	16.97884443	20.17290007	21.89068248	60.40932541	40.82309142
ENSMUSG00000020484	45.98437033	63.99678643	54.37363068	200.5589604	129.6312201
ENSMUSG00000020485	142.1978221	182.9473351	158.8839857	173.1733995	131.7798039
ENSMUSG00000020486	6.367066661	2.782468975	1.412302096	8.054576721	5.013362104
ENSMUSG00000020490	7.074518513	8.347406925	9.179963621	6.443661377	5.013362104
ENSMUSG00000020491	6.367066661	6.956172438	9.886114669	8.860034393	8.594335036
ENSMUSG00000020492	59.42595551	65.38802092	79.7950684	107.9313281	103.848215
ENSMUSG00000020495	51.64398514	70.25734162	73.43970897	94.23854763	87.37573953
ENSMUSG00000020513	84.89422215	122.4286349	129.2256417	170.7570265	134.6445822
ENSMUSG00000020515	57.30359995	79.30036579	62.1412922	133.7059736	127.4826364
ENSMUSG00000020516	98.33580733	143.9927695	112.9841676	190.8934683	152.5494469
ENSMUSG00000020520	50.22908144	88.34338996	80.50121945	24.96918783	39.39070225
ENSMUSG00000020522	104.702874	157.9051143	134.1686991	155.4533307	136.793166
ENSMUSG00000020523	84.1867703	155.1226454	134.8748501	149.815127	137.5093606
ENSMUSG00000020524	12.73413332	6.260555194	4.943057334	7.249119049	6.445751277
ENSMUSG00000020525	49.52162959	75.82227957	55.07978173	98.265836	88.80812871
ENSMUSG00000020526	34.66514071	43.82388636	45.19366706	69.2693598	67.32229112
ENSMUSG00000020527	29.71297775	40.34580014	40.25060972	88.60034393	73.05184781
ENSMUSG00000020528	18.39374813	38.25894841	33.18909925	44.30017197	47.98503729
ENSMUSG00000020530	45.98437033	73.0398106	69.90895373	177.2006879	155.4142252
ENSMUSG00000020532	7.074518513	13.91234488	10.59226572	18.52552646	19.33725383
ENSMUSG00000020534	9.196874066	16.69481385	23.30298458	115.9859048	75.20043157
ENSMUSG00000020536	14.85648888	28.52030699	31.77679715	27.38556085	30.79636721
ENSMUSG00000020538	112.4848444	157.9051143	134.8748501	163.5079074	136.793166
ENSMUSG00000020541	9.904325918	6.956172438	4.943057334	4.832746033	3.580972932

ENSMUSG00000020542	7.074518513	5.56493795	5.649208382	8.860034393	7.87814045
ENSMUSG00000020544	77.81970364	91.82147618	86.85657888	115.9859048	111.0101609
ENSMUSG00000020545	7.074518513	7.651789682	8.473812573	6.443661377	10.02672421
ENSMUSG00000020546	55.88869625	94.60394515	88.97503202	109.5422434	105.9967988
ENSMUSG00000020548	7.781970364	3.478086219	5.649208382	0.805457672	2.864778345
ENSMUSG00000020549	18.39374813	20.17290007	17.65377619	40.2728836	36.5259239
ENSMUSG00000020564	36.08004441	50.08444155	36.01370344	41.88379895	34.37734014
ENSMUSG00000020566	5.65961481	7.651789682	8.473812573	4.832746033	10.7429188
ENSMUSG00000020570	49.52162959	79.99598303	57.19823487	120.8186508	92.38910164
ENSMUSG00000020571	87.01657771	102.9513521	103.098053	201.364418	144.6713064
ENSMUSG00000020573	49.52162959	84.86530374	67.79050059	42.68925662	35.80972932
ENSMUSG00000020576	26.88317035	39.6501829	35.30755239	59.60386773	42.25548059
ENSMUSG00000020577	52.35143699	77.9091313	78.3827663	51.54929101	42.25548059
ENSMUSG00000020580	68.62282957	94.60394515	75.55816211	182.0334339	123.1854689
ENSMUSG00000020581	10.61177777	4.869320706	4.236906287	6.443661377	4.297167518
ENSMUSG00000020589	51.64398514	77.9091313	64.25974535	32.21830688	33.66114556
ENSMUSG00000020590	71.45263698	110.6031418	93.91808935	125.6513968	93.10529622
ENSMUSG00000020591	9.196874066	10.43425866	7.767661525	4.02728836	8.594335036
ENSMUSG00000020592	11.31922962	12.52111039	15.53532305	8.860034393	15.7562809
ENSMUSG00000020593	15.56394073	27.12907251	22.59683353	22.55281482	25.06681052
ENSMUSG00000020594	135.8307554	178.0780144	155.3532305	250.497336	166.8733386
ENSMUSG00000020598	10.61177777	5.56493795	10.59226572	8.054576721	8.594335036
ENSMUSG00000020599	12.02668147	4.173703463	4.943057334	5.638203705	10.02672421
ENSMUSG00000020600	8.489422215	4.869320706	7.767661525	7.249119049	9.310529622
ENSMUSG00000020604	13.44158517	23.65098629	19.77222934	82.15668255	68.0384857
ENSMUSG00000020609	7.074518513	7.651789682	6.35535943	5.638203705	3.580972932
ENSMUSG00000020610	12.73413332	15.99919661	15.53532305	13.69278043	12.17530797
ENSMUSG00000020611	62.96321476	81.38721752	82.61967259	182.8388916	155.4142252
ENSMUSG00000020612	50.93653329	55.6493795	55.78593277	60.40932541	46.55264811
ENSMUSG00000020614	6.367066661	4.869320706	5.649208382	4.832746033	7.87814045
ENSMUSG00000020617	8.489422215	3.478086219	7.767661525	4.02728836	5.729556691
ENSMUSG00000020620	4.952162959	7.651789682	7.767661525	4.02728836	7.161945863
ENSMUSG00000020622	9.904325918	6.956172438	2.824604191	6.443661377	9.310529622
ENSMUSG00000020623	29.0055259	52.86691053	35.30755239	15.30369577	18.62105924
ENSMUSG00000020627	7.781970364	6.956172438	8.473812573	3.221830688	6.445751277
ENSMUSG00000020628	67.91537772	86.95215547	74.85201106	99.87675134	84.51096119
ENSMUSG00000020629	28.29807405	35.47647943	24.00913562	30.60739154	35.09353473
ENSMUSG00000020633	7.781970364	8.347406925	8.473812573	4.832746033	5.013362104
ENSMUSG00000020634	19.80865184	41.04141738	27.53989086	63.6311561	56.57937232
ENSMUSG00000020636	12.73413332	8.347406925	7.767661525	6.443661377	6.445751277
ENSMUSG00000020639	7.074518513	4.173703463	8.473812573	8.860034393	7.87814045
ENSMUSG00000020640	97.62835547	110.6031418	101.6857509	249.6918783	191.9401491
ENSMUSG00000020641	12.02668147	11.82549314	14.829172	15.30369577	12.89150255

ENSMUSG00000020642	0.707451851	2.086851731	3.530755239	0	0
ENSMUSG00000020646	9.904325918	2.086851731	4.236906287	8.054576721	8.594335036
ENSMUSG00000020647	41.73965922	65.38802092	46.60596915	45.91108731	47.2688427
ENSMUSG00000020649	19.10119998	29.91154148	21.89068248	145.7878386	104.5644096
ENSMUSG00000020650	14.14903703	19.47728283	19.06607829	38.66196826	30.79636721
ENSMUSG00000020652	41.73965922	77.9091313	67.08434954	104.7094974	75.20043157
ENSMUSG00000020653	9.904325918	22.2597518	15.53532305	15.30369577	15.7562809
ENSMUSG00000020654	5.65961481	13.91234488	13.41686991	14.4982381	10.7429188
ENSMUSG00000020656	4.244711108	6.956172438	11.29841676	17.72006879	12.89150255
ENSMUSG00000020657	15.56394073	19.47728283	26.83373982	45.91108731	35.09353473
ENSMUSG00000020658	3.537259256	7.651789682	6.35535943	10.47094974	5.729556691
ENSMUSG00000020659	70.74518513	78.60474855	71.32125582	90.21125927	83.7947666
ENSMUSG00000020661	28.29807405	56.34499675	42.36906287	53.16020636	49.41742646
ENSMUSG00000020664	58.71850365	84.86530374	81.91352154	113.5695318	85.22715578
ENSMUSG00000020668	12.02668147	19.47728283	16.94762515	19.33098413	17.18867007
ENSMUSG00000020669	38.90985182	61.9099347	50.13672439	57.18749472	55.14698315
ENSMUSG00000020672	14.14903703	6.260555194	8.473812573	6.443661377	10.02672421
ENSMUSG00000020673	7.781970364	7.651789682	12.00456781	5.638203705	8.594335036
ENSMUSG00000020674	10.61177777	4.173703463	7.767661525	4.02728836	8.594335036
ENSMUSG00000020679	2.829807405	9.043024169	7.061510478	28.9964762	33.66114556
ENSMUSG00000020680	153.5170517	155.8182626	149.7040221	205.3917064	185.4943979
ENSMUSG00000020681	10.61177777	6.260555194	6.35535943	5.638203705	7.87814045
ENSMUSG00000020682	10.61177777	9.043024169	8.473812573	4.832746033	13.60769714
ENSMUSG00000020684	7.074518513	3.478086219	4.236906287	9.665492065	6.445751277
ENSMUSG00000020686	9.904325918	8.347406925	5.649208382	12.88732275	9.310529622
ENSMUSG00000020687	116.0221036	141.9059177	125.6948865	218.2790291	172.6028953
ENSMUSG00000020690	9.904325918	4.173703463	8.473812573	4.832746033	6.445751277
ENSMUSG00000020691	39.61730367	56.34499675	48.01827125	95.04400531	97.40246374
ENSMUSG00000020692	14.14903703	29.91154148	17.65377619	74.9075635	47.2688427
ENSMUSG00000020694	12.73413332	14.60796212	12.00456781	30.60739154	29.36397804
ENSMUSG00000020695	7.781970364	4.173703463	6.35535943	4.02728836	8.594335036
ENSMUSG00000020696	20.51610369	25.04222078	24.71528667	28.9964762	24.35061594
ENSMUSG00000020697	42.44711108	70.25734162	52.96132858	99.07129367	69.47087488
ENSMUSG00000020698	33.25023701	48.69320706	36.01370344	101.4876667	88.09193412
ENSMUSG00000020700	91.26128881	121.7330177	94.6242404	103.098582	95.97007457
ENSMUSG00000020701	18.39374813	22.2597518	17.65377619	11.27640741	9.310529622
ENSMUSG00000020702	7.781970364	6.260555194	7.061510478	8.054576721	7.87814045
ENSMUSG00000020704	7.781970364	6.260555194	10.59226572	8.860034393	4.297167518
ENSMUSG00000020706	77.11225179	130.0804246	114.3964697	255.3300821	206.2640409
ENSMUSG00000020708	74.98989623	118.9505487	109.4534124	260.1628281	206.9802355
ENSMUSG00000020709	7.781970364	7.651789682	4.236906287	10.47094974	10.02672421
ENSMUSG00000020712	15.56394073	18.78166558	14.829172	12.08186508	13.60769714
ENSMUSG00000020716	7.781970364	16.69481385	14.12302096	23.35827249	19.33725383



ENSMUSG00000020717	65.79302217	89.73462445	75.55816211	99.07129367	78.06520991
ENSMUSG00000020718	41.73965922	75.12666233	55.78593277	96.65492065	83.07857202
ENSMUSG00000020719	82.7718666	125.2111039	94.6242404	256.9409974	206.9802355
ENSMUSG00000020720	44.56946663	39.6501829	45.19366706	49.132918	40.82309142
ENSMUSG00000020721	60.84085921	93.90832791	93.91808935	69.2693598	73.76804239
ENSMUSG00000020728	5.65961481	6.260555194	4.236906287	3.221830688	3.580972932
ENSMUSG00000020732	10.61177777	6.956172438	6.35535943	5.638203705	8.594335036
ENSMUSG00000020734	9.904325918	4.869320706	9.886114669	6.443661377	11.45911338
ENSMUSG00000020736	30.4204296	54.95376226	40.25060972	47.52200265	50.84981563
ENSMUSG00000020737	76.40479994	83.47406925	81.91352154	217.4735715	180.4810358
ENSMUSG00000020738	48.10672589	62.60555194	62.1412922	217.4735715	170.4543116
ENSMUSG00000020739	32.54278516	47.99758982	47.3121202	118.4022778	95.97007457
ENSMUSG00000020740	69.33028142	107.1250555	94.6242404	295.6029657	252.816689
ENSMUSG00000020741	53.7663407	82.08283477	74.14586002	159.4806191	150.4008631
ENSMUSG00000020743	69.33028142	101.5601176	76.26431316	112.7640741	88.09193412
ENSMUSG00000020744	114.6071999	152.3401764	122.8702823	339.9031376	243.5061594
ENSMUSG00000020745	128.7562369	143.2971522	129.9317928	199.7535027	155.4142252
ENSMUSG00000020747	31.12788146	49.38882431	43.07521391	19.33098413	33.66114556
ENSMUSG00000020752	119.5593629	169.7306075	176.5377619	178.8116032	141.8065281
ENSMUSG00000020758	7.781970364	6.956172438	6.35535943	4.02728836	6.445751277
ENSMUSG00000020770	36.08004441	54.95376226	37.42600553	112.7640741	93.10529622
ENSMUSG00000020773	7.781970364	9.043024169	1.412302096	4.832746033	2.864778345
ENSMUSG00000020775	21.93100739	36.86771392	25.42143772	60.40932541	52.2822048
ENSMUSG00000020776	12.73413332	11.1298759	16.94762515	12.88732275	10.7429188
ENSMUSG00000020777	43.86201478	76.51789682	70.61510478	41.07834128	63.0251236
ENSMUSG00000020778	42.44711108	63.30116918	58.61053696	37.05105292	52.99839939
ENSMUSG00000020780	65.08557032	118.9505487	74.14586002	120.0131931	111.7263555
ENSMUSG00000020781	12.02668147	21.56413456	28.24604191	30.60739154	37.24211849
ENSMUSG00000020782	25.46826665	34.78086219	40.25060972	21.74735715	19.33725383
ENSMUSG00000020783	53.05888884	67.47487265	58.61053696	62.82569842	74.48423698
ENSMUSG00000020785	9.196874066	11.1298759	7.061510478	14.4982381	11.45911338
ENSMUSG00000020787	11.31922962	6.956172438	6.35535943	12.88732275	8.594335036
ENSMUSG00000020788	82.7718666	92.51709342	90.38733411	84.57305557	63.74131818
ENSMUSG00000020790	123.0966221	134.254128	122.8702823	166.7297381	119.6044959
ENSMUSG00000020792	20.51610369	31.30277597	27.53989086	28.19101852	26.49919969
ENSMUSG00000020794	41.73965922	73.73542784	52.96132858	92.62763229	75.91662615
ENSMUSG00000020798	74.98989623	93.90832791	76.26431316	37.05105292	29.36397804
ENSMUSG00000020799	7.781970364	3.478086219	6.35535943	10.47094974	6.445751277
ENSMUSG00000020804	9.904325918	13.21672763	16.2414741	3.221830688	7.161945863
ENSMUSG00000020805	6.367066661	6.260555194	4.236906287	5.638203705	2.864778345
ENSMUSG00000020806	21.93100739	29.91154148	21.89068248	8.860034393	10.7429188
ENSMUSG00000020807	53.05888884	76.51789682	72.73355792	60.40932541	62.30892901
ENSMUSG00000020811	12.73413332	8.347406925	10.59226572	7.249119049	4.297167518

ENSMUSG00000020812	1.414903703	0.695617244	3.530755239	1.610915344	0.716194586
ENSMUSG00000020814	7.074518513	6.956172438	9.179963621	8.054576721	5.729556691
ENSMUSG00000020817	109.6550369	152.3401764	132.756397	127.2623122	115.3073284
ENSMUSG00000020818	64.37811846	106.4294383	89.68118307	350.3740874	247.8033269
ENSMUSG00000020821	37.49494812	53.56252777	48.01827125	32.21830688	37.24211849
ENSMUSG00000020823	36.78749627	59.12746572	56.49208382	30.60739154	39.39070225
ENSMUSG00000020827	24.76081479	48.69320706	26.12758877	37.85651059	48.70123187
ENSMUSG00000020828	5.65961481	8.347406925	7.061510478	4.02728836	6.445751277
ENSMUSG00000020831	4.244711108	6.260555194	3.530755239	5.638203705	10.02672421
ENSMUSG00000020832	20.51610369	35.47647943	23.30298458	38.66196826	37.24211849
ENSMUSG00000020834	7.781970364	8.347406925	12.71071886	6.443661377	14.32389173
ENSMUSG00000020836	12.02668147	6.956172438	7.767661525	6.443661377	12.17530797
ENSMUSG00000020838	4.952162959	6.260555194	4.943057334	5.638203705	5.729556691
ENSMUSG00000020839	10.61177777	6.956172438	9.179963621	4.832746033	10.7429188
ENSMUSG00000020840	4.244711108	4.869320706	3.530755239	4.832746033	12.17530797
ENSMUSG00000020843	26.88317035	47.30197258	35.30755239	56.38203705	43.68786977
ENSMUSG00000020847	10.61177777	10.43425866	19.77222934	11.27640741	8.594335036
ENSMUSG00000020849	169.0809925	194.7728283	169.4762515	292.381135	222.0203218
ENSMUSG00000020850	121.6817184	150.2533247	142.6425116	221.5008598	189.7915654
ENSMUSG00000020857	31.83533331	47.30197258	46.60596915	140.9550926	94.5376854
ENSMUSG00000020859	48.10672589	86.95215547	69.20280268	133.7059736	123.1854689
ENSMUSG00000020863	126.6338814	162.774435	141.9363606	317.3503228	221.3041272
ENSMUSG00000020864	33.25023701	63.30116918	48.01827125	59.60386773	55.14698315
ENSMUSG00000020865	9.196874066	5.56493795	9.886114669	7.249119049	7.87814045
ENSMUSG00000020866	9.904325918	8.347406925	6.35535943	1.610915344	5.013362104
ENSMUSG00000020867	9.196874066	5.56493795	6.35535943	4.832746033	5.013362104
ENSMUSG00000020868	25.46826665	36.17209668	38.13215658	21.74735715	30.79636721
ENSMUSG00000020870	7.781970364	6.260555194	2.824604191	12.88732275	11.45911338
ENSMUSG00000020873	29.71297775	43.12826911	40.25060972	115.1804471	75.20043157
ENSMUSG00000020876	19.80865184	41.73703463	35.30755239	61.21478308	55.86317773
ENSMUSG00000020877	12.02668147	21.56413456	17.65377619	12.08186508	18.62105924
ENSMUSG00000020882	10.61177777	12.52111039	16.2414741	19.33098413	8.594335036
ENSMUSG00000020883	48.10672589	73.0398106	50.84287544	35.44013757	37.95831308
ENSMUSG00000020884	7.074518513	8.347406925	5.649208382	4.832746033	6.445751277
ENSMUSG00000020886	10.61177777	13.91234488	9.179963621	6.443661377	7.161945863
ENSMUSG00000020887	7.074518513	6.260555194	8.473812573	3.221830688	10.02672421
ENSMUSG00000020888	52.35143699	63.99678643	72.73355792	103.098582	103.1320204
ENSMUSG00000020889	8.489422215	5.56493795	11.29841676	5.638203705	10.02672421
ENSMUSG00000020890	4.952162959	8.347406925	9.886114669	7.249119049	5.013362104
ENSMUSG00000020891	7.781970364	5.56493795	9.179963621	5.638203705	8.594335036
ENSMUSG00000020892	7.781970364	6.956172438	3.530755239	8.860034393	7.87814045
ENSMUSG00000020893	8.489422215	16.69481385	14.12302096	25.77464551	20.769643
ENSMUSG00000020894	101.8730666	116.1680797	141.9363606	142.566008	123.1854689

ENSMUSG00000020895	3.537259256	9.738641413	12.00456781	7.249119049	9.310529622
ENSMUSG00000020897	55.88869625	61.9099347	48.01827125	130.4841429	105.9967988
ENSMUSG00000020898	41.03220737	59.82308296	49.43057334	82.15668255	53.71459398
ENSMUSG00000020899	28.29807405	35.47647943	43.78136496	141.7605503	90.95671247
ENSMUSG00000020900	2.122355554	4.173703463	8.473812573	6.443661377	5.013362104
ENSMUSG00000020901	31.12788146	45.91073809	40.25060972	24.16373016	29.36397804
ENSMUSG00000020902	9.904325918	4.869320706	2.824604191	10.47094974	6.445751277
ENSMUSG00000020903	43.15456293	73.0398106	55.07978173	44.30017197	46.55264811
ENSMUSG00000020904	42.447111108	54.95376226	42.36906287	33.02376456	35.09353473
ENSMUSG00000020905	10.61177777	8.347406925	2.824604191	5.638203705	4.297167518
ENSMUSG00000020908	12.02668147	4.869320706	9.179963621	4.832746033	6.445751277
ENSMUSG00000020910	45.27691848	76.51789682	70.61510478	176.3952302	121.7530797
ENSMUSG00000020911	5.65961481	1.391234488	7.767661525	2.416373016	5.013362104
ENSMUSG00000020914	94.79854807	95.99517964	100.2734488	247.2755053	184.0620087
ENSMUSG00000020917	62.25576291	85.56092098	75.55816211	130.4841429	90.24051788
ENSMUSG00000020918	29.71297775	31.99839321	40.25060972	46.71654498	40.10689684
ENSMUSG00000020919	56.5961481	84.1696865	83.32582364	149.0096693	116.023523
ENSMUSG00000020922	43.86201478	77.9091313	66.37819849	206.1971641	142.5227227
ENSMUSG00000020923	27.5906222	39.6501829	35.30755239	202.9753334	170.4543116
ENSMUSG00000020925	28.29807405	47.30197258	44.48751601	39.46742593	38.67450766
ENSMUSG00000020926	6.367066661	6.956172438	6.35535943	2.416373016	9.310529622
ENSMUSG00000020928	8.489422215	7.651789682	6.35535943	8.860034393	5.729556691
ENSMUSG00000020929	48.81417774	78.60474855	75.55816211	112.7640741	80.92998826
ENSMUSG00000020932	4.244711108	4.173703463	7.061510478	6.443661377	7.87814045
ENSMUSG00000020937	17.68629628	16.69481385	18.35992724	20.1364418	18.62105924
ENSMUSG00000020940	16.27139258	7.651789682	7.061510478	8.054576721	4.297167518
ENSMUSG00000020945	10.61177777	11.1298759	3.530755239	8.054576721	12.17530797
ENSMUSG00000020946	38.20239997	77.9091313	56.49208382	82.15668255	88.80812871
ENSMUSG00000020950	4.244711108	5.56493795	2.118453143	3.221830688	3.580972932
ENSMUSG00000020952	37.49494812	79.30036579	66.37819849	100.682209	83.07857202
ENSMUSG00000020953	7.074518513	4.869320706	10.59226572	4.832746033	7.87814045
ENSMUSG00000020954	53.05888884	103.6469693	95.33039145	194.9207566	149.6846685
ENSMUSG00000020956	9.904325918	13.21672763	9.886114669	15.30369577	14.32389173
ENSMUSG00000020961	9.196874066	4.173703463	5.649208382	5.638203705	9.310529622
ENSMUSG00000020962	17.68629628	22.2597518	21.18453143	70.07481747	63.0251236
ENSMUSG00000020963	12.02668147	10.43425866	9.886114669	7.249119049	4.297167518
ENSMUSG00000020964	60.13340736	100.8645003	74.14586002	98.265836	79.49759908
ENSMUSG00000020978	19.80865184	41.73703463	39.54445867	113.5695318	93.10529622
ENSMUSG00000020986	35.37259256	63.30116918	45.8998181	46.71654498	42.25548059
ENSMUSG00000021000	20.51610369	36.86771392	19.06607829	27.38556085	37.24211849
ENSMUSG00000021003	2.122355554	6.260555194	8.473812573	5.638203705	11.45911338
ENSMUSG00000021007	5.65961481	1.391234488	5.649208382	11.27640741	11.45911338
ENSMUSG00000021009	7.781970364	7.651789682	12.71071886	5.638203705	9.310529622

ENSMUSG00000021012	50.22908144	80.69160028	67.79050059	110.3477011	82.36237743
ENSMUSG00000021013	7.781970364	13.21672763	2.824604191	3.221830688	7.87814045
ENSMUSG00000021023	42.447111108	61.9099347	51.54902649	60.40932541	58.72795608
ENSMUSG00000021024	9.196874066	13.91234488	6.35535943	11.27640741	11.45911338
ENSMUSG00000021027	0	0	0	0	0
ENSMUSG00000021032	8.489422215	3.478086219	5.649208382	6.443661377	5.729556691
ENSMUSG00000021033	15.56394073	29.91154148	34.60140134	38.66196826	33.66114556
ENSMUSG00000021036	43.15456293	79.99598303	65.67204744	55.57657937	74.48423698
ENSMUSG00000021038	59.42595551	110.6031418	91.79963621	192.5043836	131.0636093
ENSMUSG00000021040	102.5805184	170.4262247	151.8224753	339.9031376	262.1272186
ENSMUSG00000021044	13.44158517	31.30277597	25.42143772	21.74735715	13.60769714
ENSMUSG00000021051	72.16008883	97.38641413	94.6242404	116.7913625	87.37573953
ENSMUSG00000021055	4.952162959	2.782468975	5.649208382	4.832746033	3.580972932
ENSMUSG00000021057	9.904325918	10.43425866	12.71071886	5.638203705	10.7429188
ENSMUSG00000021061	2.829807405	8.347406925	5.649208382	4.02728836	7.87814045
ENSMUSG00000021062	6.367066661	8.347406925	7.061510478	6.443661377	4.297167518
ENSMUSG00000021065	7.781970364	11.1298759	17.65377619	16.10915344	24.35061594
ENSMUSG00000021068	32.54278516	51.47567604	40.25060972	67.65844446	47.98503729
ENSMUSG00000021069	7.074518513	11.1298759	8.473812573	14.4982381	12.17530797
ENSMUSG00000021071	7.781970364	6.956172438	4.236906287	6.443661377	4.297167518
ENSMUSG00000021072	87.01657771	122.4286349	119.3395271	126.4568545	91.67290705
ENSMUSG00000021079	51.64398514	98.08203137	80.50121945	170.7570265	124.617858
ENSMUSG00000021081	10.61177777	6.956172438	9.886114669	6.443661377	7.161945863
ENSMUSG00000021087	8.489422215	6.956172438	7.767661525	2.416373016	8.594335036
ENSMUSG00000021090	10.61177777	9.738641413	9.886114669	5.638203705	5.013362104
ENSMUSG00000021094	14.14903703	25.73783802	26.12758877	16.91461111	14.32389173
ENSMUSG00000021096	61.54831106	77.9091313	65.67204744	97.46037832	88.80812871
ENSMUSG00000021097	9.196874066	6.260555194	5.649208382	4.832746033	5.013362104
ENSMUSG00000021098	12.02668147	11.1298759	4.943057334	3.221830688	6.445751277
ENSMUSG00000021103	33.95768886	54.95376226	38.83830763	53.16020636	52.2822048
ENSMUSG00000021108	11.31922962	4.173703463	4.943057334	11.27640741	7.87814045
ENSMUSG00000021109	9.904325918	7.651789682	7.767661525	5.638203705	6.445751277
ENSMUSG00000021111	124.5115258	114.081228	97.44884459	204.5862487	153.2656415
ENSMUSG00000021115	53.05888884	95.99517964	74.85201106	114.3749894	94.5376854
ENSMUSG00000021116	106.1177777	165.556904	133.462548	269.0228625	217.0069597
ENSMUSG00000021120	38.90985182	48.69320706	39.54445867	34.6346799	40.82309142
ENSMUSG00000021123	20.51610369	25.73783802	22.59683353	16.10915344	17.90486466
ENSMUSG00000021124	53.7663407	100.1688831	67.08434954	90.21125927	83.07857202
ENSMUSG00000021131	71.45263698	125.9067211	117.927225	236.8045556	176.1838682
ENSMUSG00000021134	72.16008883	109.9075245	103.098053	191.698926	163.2923657
ENSMUSG00000021136	7.781970364	4.869320706	6.35535943	4.02728836	6.445751277
ENSMUSG00000021139	0	0	0	0	0
ENSMUSG00000021143	24.05336294	27.12907251	39.54445867	16.91461111	27.93158887

ENSMUSG00000021144	30.4204296	36.86771392	24.71528667	88.60034393	62.30892901
ENSMUSG00000021147	21.22355554	40.34580014	28.95219296	63.6311561	43.68786977
ENSMUSG00000021148	4.244711108	4.869320706	2.118453143	5.638203705	2.148583759
ENSMUSG00000021156	62.96321476	75.12666233	70.61510478	79.74030954	62.30892901
ENSMUSG00000021175	11.31922962	22.2597518	18.35992724	24.16373016	23.63442135
ENSMUSG00000021177	27.5906222	38.25894841	31.0706461	49.93837567	42.25548059
ENSMUSG00000021182	74.28244438	89.73462445	79.08891735	147.398754	120.3206905
ENSMUSG00000021185	4.244711108	15.30357936	13.41686991	10.47094974	14.32389173
ENSMUSG00000021187	9.196874066	6.956172438	4.943057334	4.02728836	5.729556691
ENSMUSG00000021188	45.98437033	75.12666233	63.5535943	73.29664816	76.63282074
ENSMUSG00000021189	74.28244438	90.43024169	85.44427678	71.68573282	65.17370736
ENSMUSG00000021190	123.804074	146.0796212	144.7609648	115.9859048	100.9834367
ENSMUSG00000021192	24.76081479	34.08524495	21.18453143	33.82922223	39.39070225
ENSMUSG00000021193	20.51610369	27.12907251	19.77222934	53.96566403	41.53928601
ENSMUSG00000021196	21.22355554	31.99839321	31.77679715	62.02024075	65.88990194
ENSMUSG00000021198	7.781970364	7.651789682	7.061510478	9.665492065	10.02672421
ENSMUSG00000021200	12.02668147	7.651789682	9.179963621	11.27640741	9.310529622
ENSMUSG00000021203	104.702874	91.82147618	93.21193831	48.32746033	44.40406435
ENSMUSG00000021209	4.244711108	7.651789682	8.473812573	5.638203705	5.013362104
ENSMUSG00000021210	3.537259256	10.43425866	12.00456781	5.638203705	4.297167518
ENSMUSG00000021213	12.02668147	4.869320706	13.41686991	0	3.580972932
ENSMUSG00000021214	12.02668147	6.956172438	2.118453143	6.443661377	4.297167518
ENSMUSG00000021215	30.4204296	30.60715873	38.83830763	47.52200265	51.56601022
ENSMUSG00000021218	129.4636888	146.0796212	126.4010376	253.7191667	211.277403
ENSMUSG00000021219	10.61177777	6.260555194	2.118453143	2.416373016	5.013362104
ENSMUSG00000021221	7.781970364	10.43425866	4.943057334	4.02728836	5.013362104
ENSMUSG00000021223	9.196874066	8.347406925	4.943057334	6.443661377	9.310529622
ENSMUSG00000021224	19.80865184	49.38882431	37.42600553	29.80193387	32.94495097
ENSMUSG00000021228	7.781970364	4.173703463	10.59226572	4.832746033	5.013362104
ENSMUSG00000021235	55.1812444	54.25814501	57.90438592	57.99295239	59.44415067
ENSMUSG00000021236	19.10119998	33.3896277	27.53989086	18.52552646	20.05344842
ENSMUSG00000021238	19.10119998	30.60715873	26.12758877	37.85651059	50.84981563
ENSMUSG00000021239	8.489422215	4.869320706	7.767661525	5.638203705	8.594335036
ENSMUSG00000021243	94.09109622	143.2971522	144.0548137	182.8388916	153.2656415
ENSMUSG00000021244	91.26128881	126.6023384	126.4010376	138.5387196	108.1453825
ENSMUSG00000021245	10.61177777	9.043024169	12.00456781	8.054576721	12.17530797
ENSMUSG00000021250	5.65961481	8.347406925	8.473812573	8.054576721	9.310529622
ENSMUSG00000021252	31.83533331	52.86691053	57.90438592	136.1223466	113.1587446
ENSMUSG00000021255	10.61177777	6.956172438	8.473812573	6.443661377	5.729556691
ENSMUSG00000021257	2.122355554	6.956172438	10.59226572	4.832746033	9.310529622
ENSMUSG00000021258	90.55383696	159.2963488	120.0456781	222.3063175	176.9000628
ENSMUSG00000021262	7.074518513	3.478086219	7.061510478	6.443661377	8.594335036
ENSMUSG00000021263	11.31922962	2.086851731	10.59226572	7.249119049	10.02672421

ENSMUSG00000021264	82.7718666	116.863697	95.33039145	302.8520847	240.641381
ENSMUSG00000021266	39.61730367	47.99758982	41.66291182	95.84946298	79.49759908
ENSMUSG00000021270	9.904325918	6.956172438	5.649208382	8.860034393	10.02672421
ENSMUSG00000021273	34.66514071	61.21431745	60.02283906	114.3749894	119.6044959
ENSMUSG00000021275	36.78749627	58.43184848	57.90438592	90.21125927	76.63282074
ENSMUSG00000021276	36.08004441	59.12746572	55.78593277	99.07129367	83.07857202
ENSMUSG00000021277	75.69734809	127.9935729	97.44884459	184.4498069	138.2255552
ENSMUSG00000021281	7.781970364	3.478086219	4.236906287	4.832746033	7.161945863
ENSMUSG00000021282	31.12788146	50.08444155	35.30755239	106.3204127	86.65954495
ENSMUSG00000021285	19.10119998	51.47567604	40.95676077	36.24559524	48.70123187
ENSMUSG00000021287	12.73413332	18.78166558	15.53532305	33.82922223	26.49919969
ENSMUSG00000021288	142.1978221	162.774435	146.1732669	196.531672	158.9951982
ENSMUSG00000021302	113.8997481	146.7752384	107.3349593	227.9445212	179.7648412
ENSMUSG00000021303	9.196874066	5.56493795	6.35535943	5.638203705	5.729556691
ENSMUSG00000021306	31.12788146	54.95376226	51.54902649	20.94189947	18.62105924
ENSMUSG00000021313	9.196874066	10.43425866	4.236906287	9.665492065	16.47247549
ENSMUSG00000021314	12.73413332	9.738641413	10.59226572	5.638203705	2.148583759
ENSMUSG00000021318	7.781970364	6.260555194	7.767661525	6.443661377	3.580972932
ENSMUSG00000021326	33.25023701	44.5195036	40.25060972	169.1461111	125.3340526
ENSMUSG00000021327	36.08004441	60.51870021	55.78593277	42.68925662	54.43078856
ENSMUSG00000021335	9.196874066	6.260555194	7.767661525	9.665492065	8.594335036
ENSMUSG00000021336	8.489422215	5.56493795	13.41686991	4.832746033	9.310529622
ENSMUSG00000021338	9.904325918	9.738641413	14.829172	13.69278043	10.02672421
ENSMUSG00000021340	9.904325918	7.651789682	11.29841676	6.443661377	6.445751277
ENSMUSG00000021342	9.196874066	13.91234488	7.061510478	5.638203705	10.02672421
ENSMUSG00000021345	12.73413332	9.738641413	8.473812573	0.805457672	4.297167518
ENSMUSG00000021346	9.904325918	6.956172438	7.061510478	5.638203705	5.013362104
ENSMUSG00000021357	32.54278516	50.08444155	40.25060972	34.6346799	34.37734014
ENSMUSG00000021359	4.952162959	9.043024169	4.236906287	3.221830688	7.87814045
ENSMUSG00000021360	5.65961481	5.56493795	7.767661525	4.832746033	7.87814045
ENSMUSG00000021363	7.781970364	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG00000021364	9.904325918	6.956172438	3.530755239	4.832746033	7.161945863
ENSMUSG00000021365	182.5225776	200.3377662	189.2484808	196.531672	179.7648412
ENSMUSG00000021368	10.61177777	13.91234488	10.59226572	4.02728836	12.17530797
ENSMUSG00000021373	7.781970364	5.56493795	8.473812573	4.832746033	5.013362104
ENSMUSG00000021374	60.13340736	86.95215547	76.97046421	215.8626561	171.1705061
ENSMUSG00000021375	5.65961481	6.956172438	6.35535943	6.443661377	5.729556691
ENSMUSG00000021376	42.44711108	51.47567604	59.31668801	33.02376456	25.06681052
ENSMUSG00000021377	49.52162959	65.38802092	67.79050059	189.2825529	121.7530797
ENSMUSG00000021384	118.1444592	124.5154866	136.9933033	59.60386773	58.01176149
ENSMUSG00000021385	46.69182218	66.08363816	72.02740687	87.79488626	82.36237743
ENSMUSG00000021388	9.904325918	7.651789682	9.179963621	2.416373016	12.17530797
ENSMUSG00000021391	26.1757185	50.08444155	40.95676077	67.65844446	50.13362104

ENSMUSG00000021395	81.3569629	134.9497453	90.38733411	97.46037832	97.40246374
ENSMUSG00000021404	8.489422215	9.043024169	9.179963621	5.638203705	7.161945863
ENSMUSG00000021408	48.81417774	84.86530374	61.43514116	70.07481747	84.51096119
ENSMUSG00000021411	137.2456591	133.5585108	119.3395271	71.68573282	63.0251236
ENSMUSG00000021415	10.61177777	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG00000021416	8.489422215	4.173703463	9.886114669	4.02728836	10.02672421
ENSMUSG00000021417	7.074518513	10.43425866	6.35535943	5.638203705	6.445751277
ENSMUSG00000021418	9.904325918	9.043024169	8.473812573	14.4982381	10.02672421
ENSMUSG00000021420	33.25023701	54.25814501	48.7244223	36.24559524	46.55264811
ENSMUSG00000021427	69.33028142	123.1242521	97.44884459	166.7297381	169.738117
ENSMUSG00000021431	106.1177777	139.819066	120.0456781	145.7878386	126.0502472
ENSMUSG00000021432	89.13893326	125.9067211	117.927225	115.1804471	103.848215
ENSMUSG00000021451	78.52715549	105.7338211	97.44884459	153.8424154	116.023523
ENSMUSG00000021457	66.50047402	88.34338996	72.73355792	62.02024075	47.98503729
ENSMUSG00000021458	9.904325918	15.30357936	10.59226572	8.054576721	10.02672421
ENSMUSG00000021460	69.33028142	101.5601176	80.50121945	228.7499789	186.926787
ENSMUSG00000021461	4.952162959	5.56493795	2.824604191	5.638203705	9.310529622
ENSMUSG00000021464	7.781970364	4.869320706	4.236906287	4.832746033	8.594335036
ENSMUSG00000021470	16.27139258	36.86771392	23.30298458	127.2623122	111.7263555
ENSMUSG00000021481	74.98989623	97.38641413	106.6288082	107.1258704	99.5510475
ENSMUSG00000021482	13.44158517	22.95536904	18.35992724	16.91461111	12.89150255
ENSMUSG00000021485	18.39374813	20.86851731	23.30298458	16.91461111	18.62105924
ENSMUSG00000021490	6.367066661	4.173703463	10.59226572	9.665492065	9.310529622
ENSMUSG00000021492	11.31922962	13.91234488	23.30298458	8.054576721	13.60769714
ENSMUSG00000021493	21.93100739	45.91073809	45.19366706	25.77464551	26.49919969
ENSMUSG00000021496	7.074518513	19.47728283	16.2414741	17.72006879	26.49919969
ENSMUSG00000021497	22.63845924	38.25894841	40.25060972	35.44013757	30.08017263
ENSMUSG00000021499	10.61177777	11.82549314	4.236906287	4.832746033	8.594335036
ENSMUSG00000021500	110.3624888	180.1648661	144.7609648	193.3098413	169.738117
ENSMUSG00000021504	25.46826665	35.47647943	29.65834401	40.2728836	31.5125618
ENSMUSG00000021508	10.61177777	4.869320706	4.236906287	6.443661377	5.013362104
ENSMUSG00000021510	85.601674	120.3417832	96.0365425	79.74030954	73.76804239
ENSMUSG00000021514	38.90985182	62.60555194	56.49208382	60.40932541	66.60609653
ENSMUSG00000021519	74.98989623	121.7330177	98.15499564	118.4022778	96.68626916
ENSMUSG00000021532	34.66514071	48.69320706	52.96132858	124.0404815	100.9834367
ENSMUSG00000021540	0	0	0	0	0
ENSMUSG00000021541	13.44158517	3.478086219	7.061510478	4.832746033	5.013362104
ENSMUSG00000021546	135.1233036	186.4254213	156.0593816	247.2755053	215.5745705
ENSMUSG00000021548	21.22355554	37.56333116	28.24604191	31.41284921	43.68786977
ENSMUSG00000021549	47.39927403	80.69160028	68.49665163	116.7913625	80.92998826
ENSMUSG00000021553	7.074518513	9.738641413	5.649208382	4.02728836	2.864778345
ENSMUSG00000021555	26.88317035	23.65098629	38.13215658	32.21830688	34.37734014
ENSMUSG00000021556	12.73413332	19.47728283	27.53989086	9.665492065	20.769643

ENSMUSG00000021557	23.34591109	47.99758982	33.18909925	41.07834128	36.5259239
ENSMUSG00000021559	10.61177777	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000021565	5.65961481	3.478086219	7.767661525	5.638203705	10.7429188
ENSMUSG00000021567	6.367066661	6.260555194	5.649208382	3.221830688	2.148583759
ENSMUSG00000021569	15.56394073	34.08524495	22.59683353	68.46390213	54.43078856
ENSMUSG00000021573	10.61177777	6.260555194	7.061510478	7.249119049	5.729556691
ENSMUSG00000021575	9.904325918	4.173703463	3.530755239	13.69278043	17.18867007
ENSMUSG00000021577	134.4158517	226.7712215	189.9546318	211.8353678	182.6296195
ENSMUSG00000021578	128.0487851	198.2509145	146.1732669	226.3336059	187.6429816
ENSMUSG00000021589	9.196874066	8.347406925	7.767661525	4.02728836	5.729556691
ENSMUSG00000021592	26.1757185	46.60635533	37.42600553	62.82569842	46.55264811
ENSMUSG00000021594	22.63845924	35.47647943	28.24604191	74.9075635	54.43078856
ENSMUSG00000021595	48.10672589	50.7800588	48.7244223	128.0677699	103.848215
ENSMUSG00000021596	6.367066661	4.869320706	7.061510478	5.638203705	5.729556691
ENSMUSG00000021597	31.83533331	63.99678643	44.48751601	46.71654498	73.05184781
ENSMUSG00000021604	9.196874066	4.869320706	2.824604191	4.832746033	7.161945863
ENSMUSG00000021608	98.33580733	145.3840039	124.9887355	218.2790291	165.4409494
ENSMUSG00000021612	10.61177777	7.651789682	5.649208382	4.02728836	5.013362104
ENSMUSG00000021614	7.781970364	7.651789682	6.35535943	11.27640741	7.161945863
ENSMUSG00000021615	91.26128881	121.0374004	115.1026208	130.4841429	129.6312201
ENSMUSG00000021621	45.98437033	68.86610713	58.61053696	85.37851324	86.65954495
ENSMUSG00000021629	71.45263698	102.2557348	81.20737049	222.3063175	163.2923657
ENSMUSG00000021635	147.8574369	194.077211	158.8839857	248.8864207	235.6280189
ENSMUSG00000021636	20.51610369	43.82388636	42.36906287	14.4982381	32.22875639
ENSMUSG00000021638	7.074518513	6.260555194	6.35535943	3.221830688	5.013362104
ENSMUSG00000021639	44.56946663	46.60635533	51.54902649	74.9075635	68.75468029
ENSMUSG00000021643	7.074518513	6.956172438	4.943057334	8.054576721	12.17530797
ENSMUSG00000021645	31.83533331	44.5195036	47.3121202	90.21125927	71.61945863
ENSMUSG00000021660	113.1922962	150.9489419	130.6379438	281.9101852	212.7097921
ENSMUSG00000021661	56.5961481	88.34338996	98.15499564	162.7024498	138.2255552
ENSMUSG00000021662	4.952162959	6.260555194	5.649208382	6.443661377	5.729556691
ENSMUSG00000021666	60.13340736	102.2557348	79.7950684	146.5932963	118.8883013
ENSMUSG00000021668	70.03773327	114.7768452	110.1595635	144.982381	118.1721067
ENSMUSG00000021669	62.96321476	103.6469693	84.73812573	136.9278043	105.2806042
ENSMUSG00000021670	77.81970364	107.8206728	91.09348516	268.2174048	184.7782033
ENSMUSG00000021684	9.904325918	8.347406925	8.473812573	4.832746033	7.87814045
ENSMUSG00000021685	8.489422215	8.347406925	4.236906287	6.443661377	6.445751277
ENSMUSG00000021687	4.244711108	6.956172438	8.473812573	6.443661377	5.013362104
ENSMUSG00000021690	21.22355554	33.3896277	29.65834401	28.9964762	26.49919969
ENSMUSG00000021693	44.56946663	69.56172438	57.19823487	84.57305557	83.7947666
ENSMUSG00000021694	18.39374813	45.91073809	32.4829482	74.10210583	57.29556691
ENSMUSG00000021697	16.27139258	15.30357936	15.53532305	12.08186508	15.7562809
ENSMUSG00000021699	7.074518513	9.738641413	8.473812573	4.02728836	9.310529622



ENSMUSG00000021700	10.61177777	6.260555194	9.179963621	4.832746033	5.729556691
ENSMUSG00000021706	15.56394073	32.69401046	16.94762515	24.96918783	27.93158887
ENSMUSG00000021708	10.61177777	8.347406925	7.061510478	3.221830688	6.445751277
ENSMUSG00000021709	42.44711108	80.69160028	67.79050059	113.5695318	79.49759908
ENSMUSG00000021710	9.196874066	20.86851731	16.94762515	15.30369577	20.05344842
ENSMUSG00000021711	89.84638511	132.8628936	120.0456781	162.7024498	145.387501
ENSMUSG00000021712	89.84638511	132.8628936	124.2825844	124.8459392	118.8883013
ENSMUSG00000021714	43.86201478	73.0398106	50.84287544	127.2623122	91.67290705
ENSMUSG00000021715	33.25023701	44.5195036	43.78136496	52.35474869	48.70123187
ENSMUSG00000021716	29.71297775	50.08444155	39.54445867	53.16020636	67.32229112
ENSMUSG00000021731	26.1757185	56.34499675	48.01827125	90.21125927	82.36237743
ENSMUSG00000021732	7.781970364	6.260555194	7.061510478	4.832746033	7.87814045
ENSMUSG00000021733	82.7718666	95.2995624	100.9795998	144.982381	116.023523
ENSMUSG00000021745	4.952162959	2.782468975	7.767661525	4.02728836	7.161945863
ENSMUSG00000021747	8.489422215	4.869320706	6.35535943	2.416373016	8.594335036
ENSMUSG00000021750	12.02668147	6.260555194	7.767661525	5.638203705	6.445751277
ENSMUSG00000021751	10.61177777	9.043024169	5.649208382	2.416373016	3.580972932
ENSMUSG00000021752	7.074518513	22.95536904	18.35992724	17.72006879	22.91822676
ENSMUSG00000021754	90.55383696	126.6023384	115.8087718	190.0880106	153.2656415
ENSMUSG00000021756	20.51610369	27.12907251	26.83373982	43.49471429	28.64778345
ENSMUSG00000021758	9.904325918	6.260555194	9.179963621	9.665492065	3.580972932
ENSMUSG00000021759	7.781970364	7.651789682	6.35535943	42.68925662	28.64778345
ENSMUSG00000021763	10.61177777	5.56493795	7.767661525	4.02728836	7.87814045
ENSMUSG00000021767	8.489422215	6.956172438	11.29841676	8.860034393	10.7429188
ENSMUSG00000021768	14.85648888	23.65098629	21.89068248	10.47094974	15.7562809
ENSMUSG00000021770	41.73965922	66.7792554	69.20280268	82.15668255	65.88990194
ENSMUSG00000021771	50.93653329	82.08283477	65.67204744	169.9515688	134.6445822
ENSMUSG00000021772	33.25023701	60.51870021	60.72899011	160.2860767	133.9283876
ENSMUSG00000021773	10.61177777	4.869320706	14.829172	21.74735715	22.91822676
ENSMUSG00000021774	30.4204296	34.78086219	43.78136496	26.58010318	42.25548059
ENSMUSG00000021775	19.10119998	27.12907251	24.00913562	13.69278043	20.05344842
ENSMUSG00000021779	7.781970364	9.043024169	8.473812573	4.02728836	7.161945863
ENSMUSG00000021782	3.537259256	2.782468975	4.943057334	4.832746033	5.729556691
ENSMUSG00000021786	47.39927403	96.69079689	84.73812573	62.02024075	58.01176149
ENSMUSG00000021789	12.02668147	13.91234488	9.886114669	12.08186508	6.445751277
ENSMUSG00000021790	16.97884443	10.43425866	11.29841676	6.443661377	10.02672421
ENSMUSG00000021792	17.68629628	29.91154148	28.24604191	19.33098413	21.48583759
ENSMUSG00000021794	62.25576291	96.69079689	81.91352154	111.1531587	95.97007457
ENSMUSG00000021795	12.73413332	6.956172438	10.59226572	9.665492065	10.02672421
ENSMUSG00000021796	4.244711108	9.738641413	4.236906287	4.02728836	7.161945863
ENSMUSG00000021798	11.31922962	4.869320706	6.35535943	5.638203705	5.013362104
ENSMUSG00000021803	13.44158517	10.43425866	7.767661525	4.832746033	5.729556691
ENSMUSG00000021809	20.51610369	29.91154148	33.89525029	22.55281482	20.05344842

ENSMUSG00000021814	28.29807405	41.73703463	50.13672439	50.74383334	40.10689684
ENSMUSG00000021816	71.45263698	95.99517964	87.56272992	168.3406535	119.6044959
ENSMUSG00000021819	45.27691848	82.77845201	65.67204744	66.85298678	65.17370736
ENSMUSG00000021820	17.68629628	26.43345526	24.00913562	23.35827249	27.21539428
ENSMUSG00000021823	10.61177777	20.86851731	26.83373982	13.69278043	12.17530797
ENSMUSG00000021824	29.0055259	50.08444155	40.95676077	96.65492065	76.63282074
ENSMUSG00000021830	25.46826665	34.08524495	36.71985448	46.71654498	27.93158887
ENSMUSG00000021835	10.61177777	3.478086219	8.473812573	6.443661377	13.60769714
ENSMUSG00000021838	6.367066661	4.173703463	4.943057334	4.02728836	8.594335036
ENSMUSG00000021840	135.1233036	192.6859765	163.8270431	240.831844	206.2640409
ENSMUSG00000021843	50.93653329	77.21351406	79.7950684	71.68573282	72.33565322
ENSMUSG00000021848	15.56394073	4.173703463	10.59226572	6.443661377	4.297167518
ENSMUSG00000021850	6.367066661	6.956172438	2.118453143	4.02728836	3.580972932
ENSMUSG00000021852	8.489422215	6.956172438	6.35535943	3.221830688	6.445751277
ENSMUSG00000021866	43.15456293	77.21351406	62.1412922	46.71654498	63.74131818
ENSMUSG00000021867	9.904325918	10.43425866	12.71071886	12.08186508	7.161945863
ENSMUSG00000021870	80.64951104	83.47406925	86.15042783	112.7640741	98.83485292
ENSMUSG00000021871	35.37259256	58.43184848	55.07978173	69.2693598	62.30892901
ENSMUSG00000021876	0	0	0	0	0
ENSMUSG00000021877	95.50599992	120.3417832	102.3919019	201.364418	141.8065281
ENSMUSG00000021879	12.73413332	4.869320706	8.473812573	4.02728836	7.161945863
ENSMUSG00000021884	31.12788146	64.69240367	50.13672439	41.07834128	39.39070225
ENSMUSG00000021892	157.054311	171.8174592	158.8839857	266.6064895	237.0604081
ENSMUSG00000021893	43.86201478	73.0398106	52.25517753	109.5422434	83.7947666
ENSMUSG00000021895	21.93100739	45.21512085	38.83830763	17.72006879	24.35061594
ENSMUSG00000021898	10.61177777	3.478086219	7.767661525	8.860034393	5.729556691
ENSMUSG00000021900	31.83533331	52.17129328	52.25517753	33.02376456	45.12025894
ENSMUSG00000021901	45.27691848	78.60474855	65.67204744	132.0950582	108.1453825
ENSMUSG00000021903	3.537259256	4.869320706	9.886114669	11.27640741	7.161945863
ENSMUSG00000021905	22.63845924	47.99758982	42.36906287	73.29664816	54.43078856
ENSMUSG00000021906	27.5906222	43.82388636	36.01370344	74.10210583	55.14698315
ENSMUSG00000021907	10.61177777	3.478086219	4.943057334	4.832746033	3.580972932
ENSMUSG00000021908	12.73413332	15.30357936	8.473812573	12.88732275	10.02672421
ENSMUSG00000021910	47.39927403	65.38802092	68.49665163	136.9278043	105.2806042
ENSMUSG00000021911	122.3891703	193.3815938	175.1254598	290.7702196	246.3709377
ENSMUSG00000021916	42.44711108	60.51870021	58.61053696	59.60386773	58.01176149
ENSMUSG00000021917	37.49494812	61.9099347	58.61053696	65.24207144	60.87653984
ENSMUSG00000021922	10.61177777	3.478086219	9.179963621	8.054576721	9.310529622
ENSMUSG00000021930	7.781970364	7.651789682	13.41686991	10.47094974	19.33725383
ENSMUSG00000021932	4.952162959	6.260555194	3.530755239	3.221830688	13.60769714
ENSMUSG00000021933	12.02668147	6.956172438	7.767661525	5.638203705	7.161945863
ENSMUSG00000021936	29.71297775	46.60635533	41.66291182	42.68925662	46.55264811
ENSMUSG00000021938	89.84638511	108.51629	91.79963621	211.8353678	169.0219224

ENSMUSG00000021944	5.65961481	5.56493795	2.824604191	5.638203705	7.87814045
ENSMUSG00000021947	10.61177777	6.956172438	7.061510478	12.08186508	8.594335036
ENSMUSG00000021948	154.9319554	164.8612868	158.8839857	253.7191667	174.7514791
ENSMUSG00000021950	6.367066661	5.56493795	8.473812573	4.832746033	6.445751277
ENSMUSG00000021952	90.55383696	143.9927695	103.098053	186.0607223	149.6846685
ENSMUSG00000021953	8.489422215	6.260555194	3.530755239	4.02728836	10.02672421
ENSMUSG00000021959	12.02668147	17.39043109	7.061510478	5.638203705	7.161945863
ENSMUSG00000021963	1.414903703	1.391234488	0	2.416373016	1.432389173
ENSMUSG00000021972	93.38364437	121.7330177	117.927225	107.9313281	94.5376854
ENSMUSG00000021974	7.781970364	4.869320706	6.35535943	5.638203705	6.445751277
ENSMUSG00000021977	6.367066661	2.782468975	7.767661525	7.249119049	10.02672421
ENSMUSG00000021981	69.33028142	103.6469693	74.85201106	161.8969921	109.5777717
ENSMUSG00000021983	9.196874066	4.869320706	8.473812573	5.638203705	7.161945863
ENSMUSG00000021990	4.952162959	9.043024169	12.71071886	7.249119049	10.7429188
ENSMUSG00000021993	15.56394073	29.91154148	24.00913562	20.1364418	30.08017263
ENSMUSG00000021994	12.02668147	6.956172438	8.473812573	3.221830688	11.45911338
ENSMUSG00000021996	26.1757185	43.82388636	44.48751601	58.79841006	56.57937232
ENSMUSG00000021998	19.10119998	39.6501829	36.71985448	10.47094974	21.48583759
ENSMUSG00000022000	74.98989623	122.4286349	118.633376	124.0404815	106.7129934
ENSMUSG00000022010	6.367066661	6.260555194	7.767661525	8.860034393	5.729556691
ENSMUSG00000022014	37.49494812	75.12666233	61.43514116	33.82922223	46.55264811
ENSMUSG00000022016	43.15456293	70.25734162	75.55816211	54.7711217	54.43078856
ENSMUSG00000022019	15.56394073	29.91154148	38.13215658	48.32746033	52.2822048
ENSMUSG00000022020	62.96321476	87.64777272	86.15042783	151.4260424	133.2121931
ENSMUSG00000022021	20.51610369	20.17290007	15.53532305	41.07834128	30.08017263
ENSMUSG00000022025	6.367066661	4.869320706	9.179963621	6.443661377	5.729556691
ENSMUSG00000022032	9.196874066	4.173703463	11.29841676	6.443661377	7.87814045
ENSMUSG00000022034	7.781970364	14.60796212	11.29841676	39.46742593	27.93158887
ENSMUSG00000022037	7.781970364	4.173703463	6.35535943	5.638203705	6.445751277
ENSMUSG00000022041	9.196874066	5.56493795	10.59226572	2.416373016	6.445751277
ENSMUSG00000022043	37.49494812	50.08444155	43.07521391	118.4022778	106.7129934
ENSMUSG00000022044	4.244711108	6.956172438	2.118453143	8.860034393	12.17530797
ENSMUSG00000022051	47.39927403	102.2557348	74.14586002	39.46742593	45.12025894
ENSMUSG00000022053	7.074518513	7.651789682	7.061510478	3.221830688	3.580972932
ENSMUSG00000022054	7.781970364	4.869320706	4.943057334	0.805457672	5.013362104
ENSMUSG00000022066	15.56394073	11.1298759	18.35992724	16.91461111	27.21539428
ENSMUSG00000022090	9.196874066	9.043024169	10.59226572	8.860034393	6.445751277
ENSMUSG00000022092	77.81970364	114.081228	101.6857509	218.2790291	161.1437819
ENSMUSG00000022094	14.85648888	13.91234488	16.94762515	49.93837567	45.12025894
ENSMUSG00000022096	6.367066661	6.260555194	6.35535943	4.832746033	7.161945863
ENSMUSG00000022099	5.65961481	5.56493795	7.061510478	3.221830688	10.7429188
ENSMUSG00000022100	64.37811846	91.12585893	72.73355792	95.84946298	95.25387998
ENSMUSG00000022102	9.904325918	4.869320706	9.886114669	3.221830688	4.297167518

ENSMUSG00000022106	7.781970364	11.82549314	14.12302096	10.47094974	7.161945863
ENSMUSG00000022110	13.44158517	13.91234488	9.179963621	12.08186508	19.33725383
ENSMUSG00000022112	10.61177777	6.260555194	7.767661525	3.221830688	5.729556691
ENSMUSG00000022119	165.5437332	187.8166558	161.7085899	220.6954022	168.3057278
ENSMUSG00000022122	9.196874066	3.478086219	9.886114669	5.638203705	3.580972932
ENSMUSG00000022124	60.13340736	79.99598303	60.02283906	97.46037832	80.21379367
ENSMUSG00000022132	4.952162959	7.651789682	14.12302096	8.860034393	5.013362104
ENSMUSG00000022139	43.86201478	63.99678643	53.66747963	62.02024075	55.14698315
ENSMUSG00000022146	4.244711108	9.043024169	8.473812573	4.832746033	10.7429188
ENSMUSG00000022148	4.244711108	9.043024169	9.886114669	7.249119049	5.013362104
ENSMUSG00000022149	9.904325918	7.651789682	7.767661525	4.832746033	6.445751277
ENSMUSG00000022150	6.367066661	7.651789682	10.59226572	4.832746033	3.580972932
ENSMUSG00000022151	37.49494812	58.43184848	33.18909925	38.66196826	48.70123187
ENSMUSG00000022159	43.86201478	78.60474855	61.43514116	120.0131931	113.8749392
ENSMUSG00000022160	56.5961481	67.47487265	52.25517753	90.21125927	86.65954495
ENSMUSG00000022176	13.44158517	5.56493795	11.29841676	6.443661377	2.864778345
ENSMUSG00000022178	7.074518513	9.043024169	5.649208382	8.054576721	7.161945863
ENSMUSG00000022181	8.489422215	9.738641413	9.886114669	4.02728836	5.013362104
ENSMUSG00000022185	183.2300295	232.3361594	216.0822206	249.6918783	199.102095
ENSMUSG00000022186	8.489422215	11.82549314	14.829172	38.66196826	24.35061594
ENSMUSG00000022191	21.93100739	38.25894841	30.36449505	70.07481747	55.14698315
ENSMUSG00000022194	26.1757185	41.73703463	34.60140134	49.132918	47.98503729
ENSMUSG00000022197	15.56394073	12.52111039	19.77222934	11.27640741	10.02672421
ENSMUSG00000022199	9.904325918	9.043024169	6.35535943	5.638203705	9.310529622
ENSMUSG00000022201	85.601674	112.6899935	104.5103551	144.982381	124.617858
ENSMUSG00000022205	46.69182218	61.21431745	46.60596915	151.4260424	123.9016634
ENSMUSG00000022208	5.65961481	6.260555194	8.473812573	7.249119049	6.445751277
ENSMUSG00000022209	12.73413332	6.956172438	2.824604191	11.27640741	4.297167518
ENSMUSG00000022212	7.074518513	5.56493795	4.236906287	5.638203705	2.148583759
ENSMUSG00000022214	47.39927403	69.56172438	81.20737049	70.88027514	58.72795608
ENSMUSG00000022216	24.76081479	45.21512085	38.83830763	153.0369577	97.40246374
ENSMUSG00000022217	11.31922962	19.47728283	21.18453143	18.52552646	19.33725383
ENSMUSG00000022218	14.14903703	2.086851731	4.943057334	6.443661377	9.310529622
ENSMUSG00000022220	10.61177777	6.956172438	7.767661525	0.805457672	5.729556691
ENSMUSG00000022221	6.367066661	7.651789682	11.29841676	4.02728836	8.594335036
ENSMUSG00000022228	40.32475552	76.51789682	43.78136496	45.91108731	46.55264811
ENSMUSG00000022234	135.1233036	171.121842	156.7655326	300.4357117	210.5612084
ENSMUSG00000022235	9.904325918	4.173703463	5.649208382	5.638203705	9.310529622
ENSMUSG00000022237	10.61177777	16.69481385	20.47838039	124.8459392	126.0502472
ENSMUSG00000022243	7.781970364	5.56493795	4.943057334	4.832746033	3.580972932
ENSMUSG00000022245	10.61177777	6.956172438	10.59226572	4.02728836	5.013362104
ENSMUSG00000022246	8.489422215	3.478086219	7.061510478	8.054576721	3.580972932
ENSMUSG00000022247	98.33580733	155.1226454	116.5149229	244.0536746	191.2239546

ENSMUSG00000022248	92.67619252	137.7322143	112.2780166	259.3573704	181.1972303
ENSMUSG00000022249	7.781970364	4.869320706	8.473812573	3.221830688	6.445751277
ENSMUSG00000022253	19.80865184	45.91073809	36.71985448	36.24559524	39.39070225
ENSMUSG00000022255	100.4581629	149.5577074	132.0502459	433.3362276	294.355975
ENSMUSG00000022269	9.196874066	6.260555194	5.649208382	8.054576721	5.729556691
ENSMUSG00000022270	65.79302217	111.9943762	92.50578726	78.12939419	74.48423698
ENSMUSG00000022272	6.367066661	6.956172438	4.943057334	4.832746033	2.148583759
ENSMUSG00000022283	83.47931845	125.2111039	100.9795998	331.0431032	223.4527109
ENSMUSG00000022285	28.29807405	36.86771392	37.42600553	123.2350238	74.48423698
ENSMUSG00000022286	9.196874066	4.869320706	7.061510478	5.638203705	6.445751277
ENSMUSG00000022292	38.90985182	51.47567604	52.96132858	28.19101852	29.36397804
ENSMUSG00000022296	6.367066661	8.347406925	2.118453143	6.443661377	5.729556691
ENSMUSG00000022297	8.489422215	3.478086219	4.236906287	4.832746033	6.445751277
ENSMUSG00000022304	7.781970364	6.956172438	9.179963621	4.02728836	5.013362104
ENSMUSG00000022305	7.074518513	4.173703463	6.35535943	4.832746033	5.729556691
ENSMUSG00000022307	8.489422215	4.173703463	13.41686991	4.02728836	5.013362104
ENSMUSG00000022311	6.367066661	5.56493795	9.179963621	2.416373016	5.013362104
ENSMUSG00000022312	120.9742666	162.774435	141.2302096	207.0026217	184.0620087
ENSMUSG00000022313	45.27691848	73.73542784	60.02283906	82.15668255	73.05184781
ENSMUSG00000022321	13.44158517	10.43425866	8.473812573	7.249119049	5.729556691
ENSMUSG00000022323	47.39927403	89.73462445	73.43970897	173.9788572	114.5911338
ENSMUSG00000022324	8.489422215	6.260555194	10.59226572	12.88732275	10.7429188
ENSMUSG00000022325	56.5961481	97.38641413	70.61510478	150.6205847	141.0903335
ENSMUSG00000022329	6.367066661	9.738641413	8.473812573	10.47094974	7.87814045
ENSMUSG00000022335	12.73413332	17.39043109	14.829172	20.94189947	20.769643
ENSMUSG00000022340	8.489422215	6.260555194	4.943057334	7.249119049	10.02672421
ENSMUSG00000022351	15.56394073	21.56413456	24.71528667	180.4225185	124.617858
ENSMUSG00000022361	0	0	0	0.805457672	0
ENSMUSG00000022362	1.414903703	1.391234488	0.706151048	2.416373016	2.148583759
ENSMUSG00000022364	17.68629628	24.34660353	23.30298458	28.9964762	25.78300511
ENSMUSG00000022366	7.781970364	7.651789682	5.649208382	4.832746033	4.297167518
ENSMUSG00000022369	51.64398514	84.86530374	79.7950684	120.0131931	80.21379367
ENSMUSG00000022370	45.98437033	75.12666233	75.55816211	105.514955	75.20043157
ENSMUSG00000022371	7.781970364	4.869320706	2.824604191	6.443661377	7.161945863
ENSMUSG00000022372	10.61177777	13.91234488	14.829172	6.443661377	9.310529622
ENSMUSG00000022377	6.367066661	4.869320706	6.35535943	8.860034393	6.445751277
ENSMUSG00000022378	74.98989623	82.77845201	96.0365425	173.1733995	127.4826364
ENSMUSG00000022382	4.952162959	6.956172438	9.886114669	4.832746033	7.87814045
ENSMUSG00000022383	8.489422215	2.782468975	8.473812573	9.665492065	8.594335036
ENSMUSG00000022385	39.61730367	32.69401046	40.95676077	88.60034393	68.75468029
ENSMUSG00000022386	15.56394073	31.99839321	24.00913562	41.07834128	42.25548059
ENSMUSG00000022387	78.52715549	103.6469693	94.6242404	193.3098413	161.1437819
ENSMUSG00000022388	7.074518513	4.869320706	6.35535943	2.416373016	7.161945863

ENSMUSG00000022389	9.904325918	6.260555194	6.35535943	7.249119049	7.161945863
ENSMUSG00000022390	25.46826665	36.86771392	47.3121202	46.71654498	52.2822048
ENSMUSG00000022391	133.000948	152.3401764	137.6994543	356.0122911	278.5996941
ENSMUSG00000022394	44.56946663	60.51870021	53.66747963	111.1531587	94.5376854
ENSMUSG00000022401	72.86754068	130.0804246	100.2734488	203.780791	151.8332523
ENSMUSG00000022403	82.06441475	138.4278315	114.3964697	226.3336059	163.2923657
ENSMUSG00000022412	58.0110518	86.25653823	73.43970897	135.3168889	103.1320204
ENSMUSG00000022415	4.244711108	4.869320706	8.473812573	4.832746033	6.445751277
ENSMUSG00000022416	4.244711108	10.43425866	9.886114669	6.443661377	6.445751277
ENSMUSG00000022419	6.367066661	6.260555194	2.824604191	7.249119049	7.87814045
ENSMUSG00000022420	20.51610369	19.47728283	27.53989086	17.72006879	23.63442135
ENSMUSG00000022421	8.489422215	10.43425866	7.767661525	9.665492065	7.87814045
ENSMUSG00000022422	12.73413332	18.08604834	7.767661525	21.74735715	20.769643
ENSMUSG00000022425	9.196874066	6.956172438	9.179963621	5.638203705	5.013362104
ENSMUSG00000022429	8.489422215	8.347406925	9.179963621	8.054576721	15.04008631
ENSMUSG00000022433	4.952162959	12.52111039	8.473812573	7.249119049	8.594335036
ENSMUSG00000022436	12.02668147	15.99919661	18.35992724	12.08186508	23.63442135
ENSMUSG00000022441	8.489422215	6.956172438	7.767661525	3.221830688	4.297167518
ENSMUSG00000022442	13.44158517	17.39043109	14.12302096	8.860034393	11.45911338
ENSMUSG00000022443	16.27139258	27.12907251	19.77222934	5.638203705	15.7562809
ENSMUSG00000022449	7.781970364	6.260555194	4.236906287	7.249119049	7.161945863
ENSMUSG00000022451	66.50047402	84.1696865	76.97046421	111.9586164	93.82149081
ENSMUSG00000022452	34.66514071	45.91073809	41.66291182	72.49119049	50.84981563
ENSMUSG00000022454	16.97884443	6.956172438	10.59226572	4.02728836	2.148583759
ENSMUSG00000022456	9.904325918	4.869320706	8.473812573	5.638203705	3.580972932
ENSMUSG00000022464	6.367066661	3.478086219	12.71071886	7.249119049	4.297167518
ENSMUSG00000022468	10.61177777	11.1298759	9.179963621	12.88732275	7.161945863
ENSMUSG00000022469	7.781970364	8.347406925	8.473812573	8.860034393	5.013362104
ENSMUSG00000022471	12.02668147	6.260555194	10.59226572	8.054576721	10.02672421
ENSMUSG00000022472	75.69734809	91.12585893	86.15042783	117.5968201	111.0101609
ENSMUSG00000022474	15.56394073	14.60796212	21.18453143	33.02376456	32.22875639
ENSMUSG00000022475	7.074518513	6.260555194	12.71071886	5.638203705	7.87814045
ENSMUSG00000022477	84.89422215	104.3425866	128.5194907	194.115299	172.6028953
ENSMUSG00000022479	7.781970364	8.347406925	3.530755239	4.02728836	9.310529622
ENSMUSG00000022483	6.367066661	4.173703463	4.943057334	6.443661377	4.297167518
ENSMUSG00000022487	10.61177777	5.56493795	3.530755239	7.249119049	6.445751277
ENSMUSG00000022498	141.4903703	147.4708557	125.6948865	140.9550926	124.617858
ENSMUSG00000022500	243.3634368	268.5082561	245.7405646	293.1865926	177.6162574
ENSMUSG00000022503	39.61730367	66.7792554	57.90438592	112.7640741	97.40246374
ENSMUSG00000022510	16.97884443	5.56493795	7.767661525	4.832746033	8.594335036
ENSMUSG00000022514	6.367066661	17.39043109	19.77222934	12.88732275	11.45911338
ENSMUSG00000022517	59.42595551	92.51709342	84.03197468	95.84946298	75.91662615
ENSMUSG00000022518	6.367066661	6.260555194	7.061510478	6.443661377	6.445751277

ENSMUSG00000022519	15.56394073	8.347406925	7.061510478	7.249119049	9.310529622
ENSMUSG00000022521	119.5593629	159.2963488	128.5194907	178.8116032	137.5093606
ENSMUSG00000022525	7.781970364	5.56493795	6.35535943	4.832746033	3.580972932
ENSMUSG00000022529	73.57499253	105.7338211	93.91808935	215.0571984	186.2105924
ENSMUSG00000022533	55.1812444	57.73623123	69.20280268	125.6513968	113.1587446
ENSMUSG00000022534	6.367066661	5.56493795	5.649208382	4.02728836	2.864778345
ENSMUSG00000022536	67.20792587	118.2549314	100.9795998	196.531672	158.2790036
ENSMUSG00000022537	8.489422215	11.1298759	9.179963621	7.249119049	3.580972932
ENSMUSG00000022538	91.26128881	106.4294383	103.804204	207.8080794	140.3741389
ENSMUSG00000022540	6.367066661	16.69481385	17.65377619	13.69278043	15.04008631
ENSMUSG00000022543	13.44158517	12.52111039	14.12302096	8.860034393	16.47247549
ENSMUSG00000022544	11.31922962	22.2597518	23.30298458	19.33098413	22.20203218
ENSMUSG00000022545	19.10119998	22.2597518	20.47838039	37.05105292	26.49919969
ENSMUSG00000022548	9.904325918	5.56493795	12.71071886	5.638203705	6.445751277
ENSMUSG00000022550	30.4204296	34.78086219	26.12758877	37.05105292	39.39070225
ENSMUSG00000022552	67.20792587	126.6023384	87.56272992	136.9278043	133.9283876
ENSMUSG00000022553	62.96321476	102.2557348	84.03197468	117.5968201	107.429188
ENSMUSG00000022555	16.97884443	18.08604834	19.77222934	12.88732275	15.04008631
ENSMUSG00000022557	137.2456591	205.9027042	163.8270431	283.5211006	226.3174893
ENSMUSG00000022558	24.76081479	37.56333116	35.30755239	28.19101852	26.49919969
ENSMUSG00000022561	22.63845924	29.91154148	17.65377619	57.99295239	50.13362104
ENSMUSG00000022562	29.0055259	41.04141738	34.60140134	99.07129367	83.07857202
ENSMUSG00000022565	10.61177777	13.21672763	7.061510478	9.665492065	7.161945863
ENSMUSG00000022568	34.66514071	50.7800588	57.19823487	57.99295239	60.87653984
ENSMUSG00000022577	12.73413332	9.738641413	4.236906287	5.638203705	6.445751277
ENSMUSG00000022579	8.489422215	6.956172438	7.061510478	10.47094974	2.864778345
ENSMUSG00000022580	6.367066661	5.56493795	6.35535943	3.221830688	5.013362104
ENSMUSG00000022583	6.367066661	4.869320706	8.473812573	7.249119049	8.594335036
ENSMUSG00000022584	9.196874066	8.347406925	5.649208382	11.27640741	5.013362104
ENSMUSG00000022586	12.02668147	17.39043109	9.886114669	16.10915344	17.18867007
ENSMUSG00000022587	134.4158517	150.9489419	146.8794179	270.6337778	205.5478463
ENSMUSG00000022591	10.61177777	9.738641413	4.943057334	3.221830688	7.87814045
ENSMUSG00000022594	90.55383696	86.25653823	86.85657888	68.46390213	56.57937232
ENSMUSG00000022601	74.98989623	107.8206728	84.73812573	194.115299	149.6846685
ENSMUSG00000022602	9.904325918	7.651789682	7.767661525	7.249119049	11.45911338
ENSMUSG00000022604	26.88317035	50.7800588	33.18909925	24.96918783	37.24211849
ENSMUSG00000022607	7.781970364	18.08604834	10.59226572	16.10915344	19.33725383
ENSMUSG00000022617	7.074518513	15.30357936	19.77222934	31.41284921	32.94495097
ENSMUSG00000022620	13.44158517	13.91234488	16.94762515	8.860034393	17.90486466
ENSMUSG00000022621	6.367066661	9.738641413	4.943057334	3.221830688	5.729556691
ENSMUSG00000022623	7.074518513	6.260555194	3.530755239	2.416373016	5.013362104
ENSMUSG00000022629	9.196874066	4.173703463	6.35535943	3.221830688	8.594335036
ENSMUSG00000022636	14.14903703	14.60796212	20.47838039	35.44013757	28.64778345

ENSMUSG00000022637	104.702874	145.3840039	132.756397	70.07481747	78.06520991
ENSMUSG00000022641	14.14903703	26.43345526	18.35992724	37.85651059	35.09353473
ENSMUSG00000022656	11.31922962	4.173703463	5.649208382	4.832746033	7.161945863
ENSMUSG00000022658	9.904325918	5.56493795	4.943057334	4.02728836	10.02672421
ENSMUSG00000022659	10.61177777	4.173703463	5.649208382	2.416373016	5.013362104
ENSMUSG00000022661	38.20239997	89.0390072	62.84744325	42.68925662	45.12025894
ENSMUSG00000022664	43.15456293	84.1696865	76.97046421	78.12939419	93.82149081
ENSMUSG00000022665	8.489422215	4.869320706	6.35535943	4.832746033	9.310529622
ENSMUSG00000022667	7.781970364	8.347406925	4.236906287	4.832746033	9.310529622
ENSMUSG00000022668	19.10119998	32.69401046	21.89068248	43.49471429	37.24211849
ENSMUSG00000022671	2.829807405	5.56493795	7.767661525	7.249119049	10.02672421
ENSMUSG00000022674	38.20239997	64.69240367	58.61053696	85.37851324	86.65954495
ENSMUSG00000022677	1.414903703	0	0	0	0
ENSMUSG00000022678	53.7663407	79.30036579	75.55816211	130.4841429	101.6996313
ENSMUSG00000022679	51.64398514	70.95295887	67.79050059	77.32393652	85.22715578
ENSMUSG00000022680	60.13340736	85.56092098	71.32125582	82.15668255	74.48423698
ENSMUSG00000022681	0	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG00000022683	7.781970364	6.260555194	10.59226572	3.221830688	7.161945863
ENSMUSG00000022684	0	1.391234488	0	0.805457672	0
ENSMUSG00000022686	96.92090362	111.9943762	117.2210739	94.23854763	107.429188
ENSMUSG00000022687	0.707451851	0.695617244	2.118453143	1.610915344	0
ENSMUSG00000022696	14.85648888	20.86851731	19.06607829	11.27640741	7.87814045
ENSMUSG00000022698	58.0110518	97.38641413	78.3827663	213.4462831	148.2522794
ENSMUSG00000022701	24.76081479	54.95376226	45.19366706	86.98942859	67.32229112
ENSMUSG00000022702	29.71297775	52.86691053	35.30755239	157.8697037	107.429188
ENSMUSG00000022704	21.22355554	39.6501829	24.71528667	59.60386773	40.82309142
ENSMUSG00000022706	18.39374813	38.25894841	26.12758877	129.6786852	84.51096119
ENSMUSG00000022707	13.44158517	33.3896277	21.18453143	9.665492065	16.47247549
ENSMUSG00000022708	38.20239997	84.1696865	60.72899011	33.82922223	37.95831308
ENSMUSG00000022710	5.65961481	3.478086219	11.29841676	3.221830688	9.310529622
ENSMUSG00000022711	62.96321476	72.34419335	93.91808935	184.4498069	157.562809
ENSMUSG00000022718	118.851911	122.4286349	139.8179075	240.831844	207.69643
ENSMUSG00000022721	49.52162959	76.51789682	64.96589639	338.2922223	232.047046
ENSMUSG00000022722	5.65961481	10.43425866	7.061510478	6.443661377	10.02672421
ENSMUSG00000022723	7.074518513	9.043024169	6.35535943	10.47094974	6.445751277
ENSMUSG00000022724	61.54831106	88.34338996	72.02740687	144.982381	127.4826364
ENSMUSG00000022744	21.93100739	38.25894841	31.0706461	243.248217	171.8867007
ENSMUSG00000022747	15.56394073	19.47728283	13.41686991	24.16373016	20.769643
ENSMUSG00000022750	16.27139258	13.21672763	12.00456781	12.88732275	7.87814045
ENSMUSG00000022753	8.489422215	6.956172438	7.061510478	8.860034393	5.729556691
ENSMUSG00000022756	11.31922962	4.173703463	7.767661525	4.832746033	4.297167518
ENSMUSG00000022757	16.97884443	26.43345526	26.12758877	69.2693598	73.76804239
ENSMUSG00000022758	9.904325918	3.478086219	3.530755239	6.443661377	7.161945863



ENSMUSG00000022759	7.781970364	7.651789682	7.061510478	8.860034393	5.013362104
ENSMUSG00000022760	17.68629628	30.60715873	30.36449505	45.91108731	48.70123187
ENSMUSG00000022761	19.80865184	20.17290007	26.83373982	22.55281482	27.93158887
ENSMUSG00000022762	11.31922962	6.260555194	5.649208382	3.221830688	4.297167518
ENSMUSG00000022763	11.31922962	10.43425866	9.179963621	10.47094974	10.7429188
ENSMUSG00000022766	15.56394073	18.08604834	17.65377619	8.860034393	10.02672421
ENSMUSG00000022768	12.02668147	11.1298759	10.59226572	23.35827249	20.05344842
ENSMUSG00000022770	20.51610369	34.78086219	30.36449505	28.19101852	27.93158887
ENSMUSG00000022771	73.57499253	126.6023384	114.3964697	78.93485187	83.7947666
ENSMUSG00000022772	84.1867703	119.6461659	100.2734488	185.2552646	127.4826364
ENSMUSG00000022773	7.074518513	8.347406925	7.061510478	4.02728836	3.580972932
ENSMUSG00000022774	87.72402956	121.7330177	102.3919019	194.115299	169.738117
ENSMUSG00000022779	32.54278516	43.12826911	40.95676077	48.32746033	66.60609653
ENSMUSG00000022783	6.367066661	7.651789682	9.179963621	4.02728836	12.17530797
ENSMUSG00000022787	45.98437033	59.82308296	60.72899011	118.4022778	111.0101609
ENSMUSG00000022788	9.196874066	6.260555194	10.59226572	2.416373016	5.013362104
ENSMUSG00000022789	54.47379255	76.51789682	67.08434954	131.2896006	109.5777717
ENSMUSG00000022790	4.952162959	6.260555194	4.943057334	5.638203705	4.297167518
ENSMUSG00000022791	45.27691848	54.95376226	57.19823487	45.10562964	39.39070225
ENSMUSG00000022792	33.95768886	58.43184848	52.96132858	116.7913625	95.97007457
ENSMUSG00000022793	5.65961481	6.260555194	7.767661525	4.02728836	8.594335036
ENSMUSG00000022797	93.38364437	100.8645003	95.33039145	156.2587884	132.4959985
ENSMUSG00000022800	79.94205919	129.3848073	120.0456781	107.9313281	116.7397176
ENSMUSG00000022801	84.1867703	126.6023384	108.7472614	93.43308996	98.83485292
ENSMUSG00000022803	9.904325918	6.260555194	8.473812573	5.638203705	10.02672421
ENSMUSG00000022805	7.781970364	6.956172438	4.943057334	4.02728836	11.45911338
ENSMUSG00000022811	94.79854807	134.254128	117.927225	205.3917064	170.4543116
ENSMUSG00000022812	48.10672589	59.82308296	40.25060972	74.10210583	57.29556691
ENSMUSG00000022816	5.65961481	8.347406925	11.29841676	2.416373016	4.297167518
ENSMUSG00000022817	7.074518513	11.82549314	3.530755239	11.27640741	10.02672421
ENSMUSG00000022818	7.074518513	4.869320706	7.767661525	5.638203705	6.445751277
ENSMUSG00000022821	12.73413332	7.651789682	2.824604191	3.221830688	6.445751277
ENSMUSG00000022822	14.85648888	23.65098629	19.77222934	19.33098413	20.769643
ENSMUSG00000022824	6.367066661	5.56493795	4.236906287	6.443661377	8.594335036
ENSMUSG00000022827	25.46826665	53.56252777	48.01827125	68.46390213	63.0251236
ENSMUSG00000022828	29.0055259	59.82308296	37.42600553	57.99295239	59.44415067
ENSMUSG00000022829	7.074518513	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000022831	63.67066661	83.47406925	69.90895373	167.5351958	106.7129934
ENSMUSG00000022832	12.02668147	2.086851731	4.943057334	4.832746033	10.02672421
ENSMUSG00000022836	5.65961481	4.173703463	8.473812573	4.02728836	3.580972932
ENSMUSG00000022837	25.46826665	41.73703463	31.0706461	64.43661377	49.41742646
ENSMUSG00000022838	52.35143699	79.99598303	72.73355792	91.01671695	75.91662615
ENSMUSG00000022841	79.94205919	107.8206728	92.50578726	123.2350238	106.7129934

ENSMUSG00000022842	17.68629628	34.78086219	21.89068248	74.9075635	63.0251236
ENSMUSG00000022843	4.952162959	8.347406925	8.473812573	32.21830688	24.35061594
ENSMUSG00000022847	7.781970364	4.869320706	7.061510478	8.054576721	5.013362104
ENSMUSG00000022857	9.196874066	10.43425866	7.061510478	8.860034393	5.013362104
ENSMUSG00000022858	108.2401332	149.5577074	127.1071886	311.7121191	227.7498785
ENSMUSG00000022860	4.244711108	3.478086219	5.649208382	6.443661377	8.594335036
ENSMUSG00000022861	9.904325918	4.869320706	5.649208382	8.860034393	7.87814045
ENSMUSG00000022863	18.39374813	20.86851731	13.41686991	42.68925662	42.25548059
ENSMUSG00000022864	14.14903703	26.43345526	23.30298458	103.9040397	83.07857202
ENSMUSG00000022865	4.244711108	7.651789682	4.943057334	6.443661377	8.594335036
ENSMUSG00000022871	7.074518513	6.956172438	5.649208382	4.832746033	7.87814045
ENSMUSG00000022875	7.074518513	9.043024169	7.767661525	6.443661377	15.7562809
ENSMUSG00000022876	11.31922962	9.738641413	3.530755239	4.02728836	4.297167518
ENSMUSG00000022881	26.88317035	51.47567604	45.8998181	134.5114312	109.5777717
ENSMUSG00000022883	10.61177777	4.869320706	7.061510478	4.02728836	5.729556691
ENSMUSG00000022884	2.122355554	7.651789682	7.061510478	4.02728836	7.161945863
ENSMUSG00000022885	50.93653329	84.86530374	66.37819849	74.9075635	60.87653984
ENSMUSG00000022890	72.86754068	97.38641413	98.86114669	231.9718096	166.157144
ENSMUSG00000022892	4.952162959	8.347406925	7.061510478	8.054576721	5.729556691
ENSMUSG00000022893	7.074518513	4.869320706	2.824604191	4.832746033	10.02672421
ENSMUSG00000022895	32.54278516	60.51870021	51.54902649	37.05105292	26.49919969
ENSMUSG00000022897	85.601674	100.1688831	100.9795998	250.497336	173.3190899
ENSMUSG00000022898	55.88869625	84.1696865	64.25974535	66.85298678	75.91662615
ENSMUSG00000022900	5.65961481	10.43425866	7.061510478	9.665492065	7.87814045
ENSMUSG00000022901	21.93100739	61.9099347	38.83830763	82.15668255	66.60609653
ENSMUSG00000022905	74.98989623	111.298759	104.5103551	161.0915344	133.9283876
ENSMUSG00000022906	40.32475552	72.34419335	57.19823487	276.2719815	168.3057278
ENSMUSG00000022911	24.76081479	38.25894841	23.30298458	19.33098413	22.20203218
ENSMUSG00000022913	23.34591109	20.17290007	17.65377619	26.58010318	27.93158887
ENSMUSG00000022914	71.45263698	96.69079689	85.44427678	41.88379895	33.66114556
ENSMUSG00000022935	6.367066661	6.956172438	8.473812573	6.443661377	7.161945863
ENSMUSG00000022940	35.37259256	58.43184848	52.96132858	35.44013757	40.10689684
ENSMUSG00000022945	8.489422215	15.99919661	16.2414741	22.55281482	22.20203218
ENSMUSG00000022948	11.31922962	13.21672763	12.00456781	17.72006879	10.02672421
ENSMUSG00000022951	14.14903703	26.43345526	19.06607829	14.4982381	22.20203218
ENSMUSG00000022952	91.96874066	131.4716591	102.3919019	148.2042117	121.0368851
ENSMUSG00000022956	50.93653329	75.82227957	67.79050059	130.4841429	100.9834367
ENSMUSG00000022957	29.71297775	48.69320706	39.54445867	29.80193387	32.22875639
ENSMUSG00000022960	41.03220737	79.99598303	69.90895373	78.12939419	85.22715578
ENSMUSG00000022961	96.21345177	128.6891901	110.8657145	278.6883545	206.9802355
ENSMUSG00000022962	65.79302217	85.56092098	84.73812573	210.2244524	171.8867007
ENSMUSG00000022964	42.44711108	54.95376226	52.96132858	112.7640741	85.22715578
ENSMUSG00000022967	79.23460734	118.2549314	103.098053	124.8459392	103.1320204

ENSMUSG00000022969	46.69182218	62.60555194	69.20280268	51.54929101	68.75468029
ENSMUSG00000022971	112.4848444	139.819066	141.2302096	126.4568545	115.3073284
ENSMUSG00000022973	16.97884443	31.30277597	21.89068248	14.4982381	26.49919969
ENSMUSG00000022974	50.22908144	84.86530374	76.97046421	109.5422434	96.68626916
ENSMUSG00000022978	27.5906222	38.95456565	40.25060972	38.66196826	29.36397804
ENSMUSG00000022983	107.5326814	121.0374004	115.1026208	207.0026217	166.8733386
ENSMUSG00000022987	10.61177777	8.347406925	5.649208382	2.416373016	7.161945863
ENSMUSG00000022992	87.72402956	101.5601176	82.61967259	202.9753334	152.5494469
ENSMUSG00000022995	6.367066661	6.260555194	6.35535943	4.832746033	5.729556691
ENSMUSG00000022996	7.074518513	12.52111039	16.94762515	11.27640741	12.89150255
ENSMUSG00000022999	70.74518513	94.60394515	73.43970897	63.6311561	55.86317773
ENSMUSG00000023007	11.31922962	6.956172438	7.767661525	13.69278043	7.161945863
ENSMUSG00000023008	24.76081479	34.78086219	29.65834401	18.52552646	23.63442135
ENSMUSG00000023009	9.196874066	7.651789682	5.649208382	6.443661377	5.013362104
ENSMUSG00000023010	140.0754665	175.2955454	146.1732669	215.8626561	176.1838682
ENSMUSG00000023015	73.57499253	86.25653823	79.7950684	132.0950582	88.09193412
ENSMUSG00000023019	6.367066661	3.478086219	7.061510478	6.443661377	5.729556691
ENSMUSG00000023021	12.73413332	8.347406925	12.71071886	32.21830688	25.06681052
ENSMUSG00000023022	8.489422215	6.260555194	10.59226572	8.860034393	7.161945863
ENSMUSG00000023025	12.02668147	9.738641413	9.886114669	10.47094974	6.445751277
ENSMUSG00000023026	62.96321476	98.08203137	83.32582364	105.514955	93.82149081
ENSMUSG00000023027	65.08557032	94.60394515	72.73355792	158.6751614	106.7129934
ENSMUSG00000023030	10.61177777	12.52111039	21.18453143	12.08186508	7.87814045
ENSMUSG00000023032	12.02668147	13.91234488	13.41686991	10.47094974	9.310529622
ENSMUSG00000023033	6.367066661	5.56493795	9.179963621	4.832746033	7.161945863
ENSMUSG00000023039	7.074518513	7.651789682	5.649208382	4.02728836	7.87814045
ENSMUSG00000023045	5.65961481	4.173703463	6.35535943	8.054576721	8.594335036
ENSMUSG00000023047	9.904325918	5.56493795	7.061510478	8.054576721	10.7429188
ENSMUSG00000023048	20.51610369	27.82468975	28.95219296	33.02376456	28.64778345
ENSMUSG00000023051	19.80865184	24.34660353	32.4829482	71.68573282	50.84981563
ENSMUSG00000023067	9.904325918	6.956172438	5.649208382	12.08186508	6.445751277
ENSMUSG00000023068	72.16008883	105.0382038	90.38733411	179.6170609	133.9283876
ENSMUSG00000023072	43.86201478	62.60555194	60.72899011	78.93485187	63.0251236
ENSMUSG00000023074	21.22355554	24.34660353	32.4829482	20.1364418	26.49919969
ENSMUSG00000023079	9.904325918	8.347406925	5.649208382	6.443661377	12.17530797
ENSMUSG00000023084	6.367066661	4.173703463	5.649208382	3.221830688	10.7429188
ENSMUSG00000023087	10.61177777	21.56413456	16.2414741	41.07834128	37.24211849
ENSMUSG00000023088	40.32475552	68.17048989	53.66747963	95.84946298	86.65954495
ENSMUSG00000023089	27.5906222	52.86691053	43.78136496	43.49471429	43.68786977
ENSMUSG00000023092	8.489422215	2.782468975	7.061510478	3.221830688	2.148583759
ENSMUSG00000023094	8.489422215	17.39043109	16.2414741	9.665492065	10.02672421
ENSMUSG00000023106	79.23460734	99.47326586	84.73812573	115.9859048	90.24051788
ENSMUSG00000023110	11.31922962	33.3896277	28.24604191	74.10210583	59.44415067

ENSMUSG00000023118	65.79302217	107.1250555	98.15499564	88.60034393	94.5376854
ENSMUSG00000023143	24.76081479	39.6501829	33.18909925	51.54929101	45.83645353
ENSMUSG00000023147	17.68629628	26.43345526	23.30298458	20.94189947	29.36397804
ENSMUSG00000023150	84.1867703	118.2549314	105.2165061	194.115299	157.562809
ENSMUSG00000023165	5.65961481	2.782468975	2.824604191	4.02728836	1.432389173
ENSMUSG00000023169	56.5961481	80.69160028	83.32582364	158.6751614	108.1453825
ENSMUSG00000023170	53.7663407	68.17048989	62.84744325	94.23854763	80.92998826
ENSMUSG00000023175	101.1656147	132.8628936	120.0456781	170.7570265	151.1170577
ENSMUSG00000023186	12.02668147	17.39043109	22.59683353	24.16373016	17.18867007
ENSMUSG00000023192	11.31922962	7.651789682	3.530755239	8.054576721	11.45911338
ENSMUSG00000023206	12.73413332	19.47728283	13.41686991	19.33098413	17.90486466
ENSMUSG00000023216	13.44158517	5.56493795	4.236906287	4.02728836	8.594335036
ENSMUSG00000023224	7.074518513	4.173703463	8.473812573	4.02728836	6.445751277
ENSMUSG00000023232	2.829807405	4.869320706	8.473812573	8.860034393	10.02672421
ENSMUSG00000023235	110.3624888	152.3401764	122.8702823	203.780791	185.4943979
ENSMUSG00000023249	38.20239997	81.38721752	55.78593277	133.7059736	107.429188
ENSMUSG00000023259	8.489422215	8.347406925	3.530755239	12.08186508	11.45911338
ENSMUSG00000023262	9.904325918	7.651789682	4.943057334	17.72006879	17.18867007
ENSMUSG00000023266	0.707451851	2.086851731	1.412302096	4.02728836	2.864778345
ENSMUSG00000023267	6.367066661	3.478086219	7.061510478	4.02728836	6.445751277
ENSMUSG00000023274	9.196874066	4.173703463	6.35535943	7.249119049	8.594335036
ENSMUSG00000023277	116.7295555	118.2549314	117.2210739	99.87675134	93.10529622
ENSMUSG00000023284	14.14903703	27.82468975	19.06607829	19.33098413	20.05344842
ENSMUSG00000023286	103.2879703	153.0357936	130.6379438	241.6373016	206.2640409
ENSMUSG00000023289	12.02668147	7.651789682	9.179963621	6.443661377	7.161945863
ENSMUSG00000023307	37.49494812	61.21431745	45.8998181	81.35122488	76.63282074
ENSMUSG00000023328	6.367066661	8.347406925	5.649208382	6.443661377	4.297167518
ENSMUSG00000023330	10.61177777	19.47728283	14.12302096	17.72006879	15.7562809
ENSMUSG00000023341	26.1757185	34.78086219	28.24604191	68.46390213	45.83645353
ENSMUSG00000023345	18.39374813	22.95536904	14.829172	24.96918783	17.18867007
ENSMUSG00000023348	8.489422215	7.651789682	13.41686991	8.860034393	11.45911338
ENSMUSG00000023349	7.781970364	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000023353	24.76081479	49.38882431	31.77679715	48.32746033	58.72795608
ENSMUSG00000023367	7.074518513	9.738641413	8.473812573	36.24559524	30.08017263
ENSMUSG00000023393	15.56394073	17.39043109	14.12302096	67.65844446	52.2822048
ENSMUSG00000023403	7.074518513	6.956172438	4.236906287	7.249119049	7.161945863
ENSMUSG00000023411	5.65961481	6.956172438	3.530755239	7.249119049	2.148583759
ENSMUSG00000023439	10.61177777	13.21672763	9.886114669	9.665492065	14.32389173
ENSMUSG00000023443	5.65961481	3.478086219	2.118453143	4.832746033	4.297167518
ENSMUSG00000023452	29.71297775	46.60635533	44.48751601	62.02024075	50.84981563
ENSMUSG00000023456	13.44158517	9.738641413	13.41686991	86.98942859	67.32229112
ENSMUSG00000023460	81.3569629	125.9067211	98.86114669	99.87675134	97.40246374
ENSMUSG00000023467	11.31922962	10.43425866	9.179963621	2.416373016	12.17530797

ENSMUSG00000023484	6.367066661	4.173703463	4.236906287	4.832746033	8.594335036
ENSMUSG00000023495	6.367066661	13.91234488	4.236906287	4.832746033	8.594335036
ENSMUSG00000023505	51.64398514	52.17129328	61.43514116	111.9586164	82.36237743
ENSMUSG00000023572	15.56394073	32.69401046	24.71528667	20.94189947	28.64778345
ENSMUSG00000023577	2.829807405	4.173703463	5.649208382	6.443661377	2.148583759
ENSMUSG00000023707	18.39374813	26.43345526	19.77222934	16.10915344	15.04008631
ENSMUSG00000023723	25.46826665	45.21512085	55.78593277	66.85298678	55.14698315
ENSMUSG00000023764	83.47931845	85.56092098	74.85201106	76.51847885	70.18706946
ENSMUSG00000023791	42.447111108	73.73542784	55.07978173	41.07834128	60.87653984
ENSMUSG00000023800	7.781970364	6.260555194	4.943057334	7.249119049	7.161945863
ENSMUSG00000023805	8.489422215	13.91234488	9.886114669	6.443661377	12.89150255
ENSMUSG00000023826	5.65961481	4.173703463	3.530755239	5.638203705	5.013362104
ENSMUSG00000023830	20.51610369	23.65098629	25.42143772	32.21830688	30.08017263
ENSMUSG00000023832	12.02668147	20.86851731	17.65377619	32.21830688	30.79636721
ENSMUSG00000023852	56.5961481	82.77845201	74.14586002	179.6170609	147.5360848
ENSMUSG00000023861	45.98437033	59.82308296	42.36906287	50.74383334	57.29556691
ENSMUSG00000023868	6.367066661	2.086851731	9.886114669	5.638203705	6.445751277
ENSMUSG00000023873	9.196874066	15.99919661	14.12302096	8.860034393	21.48583759
ENSMUSG00000023882	12.02668147	20.17290007	14.829172	16.10915344	26.49919969
ENSMUSG00000023883	19.10119998	23.65098629	19.77222934	43.49471429	34.37734014
ENSMUSG00000023902	6.367066661	8.347406925	7.061510478	4.02728836	10.02672421
ENSMUSG00000023904	31.12788146	34.08524495	37.42600553	24.96918783	29.36397804
ENSMUSG00000023905	11.31922962	17.39043109	15.53532305	11.27640741	14.32389173
ENSMUSG00000023911	5.65961481	7.651789682	6.35535943	4.832746033	7.87814045
ENSMUSG00000023913	5.65961481	9.043024169	7.767661525	4.832746033	5.013362104
ENSMUSG00000023914	7.781970364	5.56493795	9.179963621	4.832746033	7.161945863
ENSMUSG00000023918	10.61177777	6.956172438	7.767661525	9.665492065	5.729556691
ENSMUSG00000023923	24.05336294	42.43265187	29.65834401	32.21830688	35.80972932
ENSMUSG00000023927	77.81970364	98.08203137	91.09348516	105.514955	104.5644096
ENSMUSG00000023930	8.489422215	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG00000023940	33.95768886	39.6501829	35.30755239	61.21478308	62.30892901
ENSMUSG00000023942	4.952162959	2.782468975	0.706151048	4.02728836	2.148583759
ENSMUSG00000023944	57.30359995	93.21271067	87.56272992	302.046627	212.7097921
ENSMUSG00000023951	11.31922962	16.69481385	19.06607829	30.60739154	25.78300511
ENSMUSG00000023952	24.05336294	27.82468975	36.01370344	39.46742593	35.09353473
ENSMUSG00000023960	7.074518513	2.782468975	10.59226572	6.443661377	6.445751277
ENSMUSG00000023961	5.65961481	8.347406925	4.236906287	6.443661377	3.580972932
ENSMUSG00000023964	11.31922962	6.260555194	8.473812573	4.832746033	4.297167518
ENSMUSG00000023965	59.42595551	111.298759	87.56272992	53.96566403	53.71459398
ENSMUSG00000023968	5.65961481	8.347406925	12.00456781	4.02728836	12.89150255
ENSMUSG00000023973	31.83533331	47.30197258	40.95676077	134.5114312	100.2672421
ENSMUSG00000023977	58.71850365	94.60394515	81.20737049	144.1769233	126.0502472
ENSMUSG00000023979	9.196874066	3.478086219	4.943057334	8.054576721	5.729556691

ENSMUSG00000023984	0	2.086851731	1.412302096	0.805457672	0.716194586
ENSMUSG00000023987	11.31922962	9.043024169	7.767661525	7.249119049	7.161945863
ENSMUSG00000023990	18.39374813	20.17290007	27.53989086	41.07834128	40.10689684
ENSMUSG00000023991	47.39927403	67.47487265	69.20280268	67.65844446	72.33565322
ENSMUSG00000023992	4.244711108	2.782468975	7.767661525	11.27640741	9.310529622
ENSMUSG00000023994	33.25023701	55.6493795	50.13672439	209.4189947	146.1036956
ENSMUSG00000023995	6.367066661	5.56493795	2.824604191	7.249119049	7.161945863
ENSMUSG00000023999	6.367066661	7.651789682	14.12302096	6.443661377	9.310529622
ENSMUSG00000024002	110.3624888	129.3848073	122.1641313	238.4154709	204.1154571
ENSMUSG00000024006	112.4848444	115.4724625	122.1641313	161.8969921	122.4692743
ENSMUSG00000024007	82.06441475	127.9935729	95.33039145	165.1188228	119.6044959
ENSMUSG00000024008	9.196874066	5.56493795	6.35535943	6.443661377	7.87814045
ENSMUSG00000024011	8.489422215	9.738641413	7.061510478	6.443661377	7.87814045
ENSMUSG00000024012	85.601674	120.3417832	132.0502459	144.1769233	121.0368851
ENSMUSG00000024013	31.83533331	35.47647943	51.54902649	104.7094974	78.06520991
ENSMUSG00000024018	20.51610369	22.95536904	29.65834401	43.49471429	35.09353473
ENSMUSG00000024019	53.7663407	112.6899935	81.91352154	117.5968201	99.5510475
ENSMUSG00000024026	35.37259256	42.43265187	33.18909925	34.6346799	47.2688427
ENSMUSG00000024034	9.196874066	9.738641413	9.179963621	7.249119049	7.161945863
ENSMUSG00000024036	15.56394073	23.65098629	26.12758877	16.10915344	15.04008631
ENSMUSG00000024037	23.34591109	43.12826911	42.36906287	39.46742593	32.22875639
ENSMUSG00000024038	36.08004441	39.6501829	43.78136496	35.44013757	27.21539428
ENSMUSG00000024039	11.31922962	6.260555194	14.829172	8.860034393	7.87814045
ENSMUSG00000024043	9.196874066	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000024044	5.65961481	6.260555194	11.29841676	4.02728836	5.729556691
ENSMUSG00000024048	62.96321476	107.8206728	102.3919019	98.265836	100.9834367
ENSMUSG00000024049	5.65961481	7.651789682	7.767661525	8.860034393	8.594335036
ENSMUSG00000024050	9.196874066	10.43425866	4.236906287	7.249119049	7.161945863
ENSMUSG00000024052	36.08004441	42.43265187	40.25060972	40.2728836	47.98503729
ENSMUSG00000024053	8.489422215	6.260555194	8.473812573	4.832746033	7.161945863
ENSMUSG00000024054	149.2723406	185.7298041	164.5331941	273.0501508	199.102095
ENSMUSG00000024055	19.10119998	31.99839321	28.24604191	24.96918783	26.49919969
ENSMUSG00000024063	150.6872443	141.2103005	141.2302096	93.43308996	78.7814045
ENSMUSG00000024064	4.952162959	6.260555194	4.943057334	6.443661377	7.161945863
ENSMUSG00000024067	12.02668147	11.1298759	5.649208382	3.221830688	7.87814045
ENSMUSG00000024069	32.54278516	63.99678643	55.78593277	71.68573282	48.70123187
ENSMUSG00000024070	44.56946663	57.04061399	55.07978173	57.99295239	53.71459398
ENSMUSG00000024073	78.52715549	85.56092098	91.09348516	245.66459	156.1304198
ENSMUSG00000024077	47.39927403	55.6493795	56.49208382	38.66196826	35.09353473
ENSMUSG00000024083	26.1757185	57.73623123	55.78593277	33.82922223	36.5259239
ENSMUSG00000024085	70.03773327	113.3856107	86.15042783	55.57657937	60.16034525
ENSMUSG00000024095	6.367066661	7.651789682	5.649208382	11.27640741	8.594335036
ENSMUSG00000024096	41.73965922	59.82308296	58.61053696	40.2728836	36.5259239

ENSMUSG00000024097	86.30912585	146.0796212	100.9795998	297.213881	224.1689055
ENSMUSG00000024099	82.06441475	114.081228	98.86114669	134.5114312	114.5911338
ENSMUSG00000024101	29.71297775	60.51870021	51.54902649	49.132918	47.2688427
ENSMUSG00000024104	20.51610369	24.34660353	17.65377619	42.68925662	37.24211849
ENSMUSG00000024109	6.367066661	9.043024169	5.649208382	4.02728836	6.445751277
ENSMUSG00000024112	5.65961481	6.956172438	9.179963621	4.02728836	7.161945863
ENSMUSG00000024114	6.367066661	6.260555194	9.886114669	10.47094974	8.594335036
ENSMUSG00000024118	12.73413332	14.60796212	26.12758877	22.55281482	20.05344842
ENSMUSG00000024120	107.5326814	137.7322143	133.462548	231.9718096	158.9951982
ENSMUSG00000024121	33.25023701	47.99758982	51.54902649	158.6751614	121.0368851
ENSMUSG00000024122	11.31922962	11.1298759	10.59226572	6.443661377	10.02672421
ENSMUSG00000024127	31.12788146	49.38882431	58.61053696	24.16373016	32.94495097
ENSMUSG00000024128	8.489422215	6.956172438	7.767661525	8.860034393	8.594335036
ENSMUSG00000024130	39.61730367	66.08363816	61.43514116	34.6346799	47.98503729
ENSMUSG00000024134	8.489422215	5.56493795	4.236906287	4.832746033	7.87814045
ENSMUSG00000024136	10.61177777	11.82549314	7.061510478	8.860034393	7.161945863
ENSMUSG00000024142	31.83533331	31.99839321	30.36449505	41.07834128	33.66114556
ENSMUSG00000024143	83.47931845	91.12585893	97.44884459	67.65844446	60.87653984
ENSMUSG00000024150	35.37259256	61.21431745	39.54445867	36.24559524	38.67450766
ENSMUSG00000024151	42.44711108	54.95376226	48.01827125	47.52200265	41.53928601
ENSMUSG00000024154	4.952162959	4.869320706	9.179963621	8.860034393	6.445751277
ENSMUSG00000024158	5.65961481	7.651789682	9.886114669	1.610915344	9.310529622
ENSMUSG00000024160	89.13893326	123.8198694	107.3349593	118.4022778	99.5510475
ENSMUSG00000024163	89.13893326	90.43024169	91.09348516	128.0677699	119.6044959
ENSMUSG00000024164	8.489422215	6.260555194	7.767661525	8.860034393	6.445751277
ENSMUSG00000024169	42.44711108	57.04061399	45.8998181	105.514955	73.76804239
ENSMUSG00000024170	11.31922962	26.43345526	19.77222934	21.74735715	32.22875639
ENSMUSG00000024172	9.196874066	6.956172438	6.35535943	4.832746033	7.161945863
ENSMUSG00000024173	14.85648888	6.956172438	4.236906287	9.665492065	7.161945863
ENSMUSG00000024176	7.781970364	6.956172438	6.35535943	4.02728836	9.310529622
ENSMUSG00000024180	7.781970364	11.1298759	12.00456781	5.638203705	12.17530797
ENSMUSG00000024182	108.9475851	136.3409798	136.2871522	130.4841429	118.8883013
ENSMUSG00000024184	6.367066661	4.173703463	4.943057334	1.610915344	5.729556691
ENSMUSG00000024186	13.44158517	2.782468975	6.35535943	7.249119049	7.87814045
ENSMUSG00000024187	8.489422215	13.91234488	8.473812573	10.47094974	6.445751277
ENSMUSG00000024188	58.71850365	95.99517964	80.50121945	211.8353678	180.4810358
ENSMUSG00000024191	36.78749627	54.25814501	38.13215658	37.05105292	37.24211849
ENSMUSG00000024194	15.56394073	21.56413456	22.59683353	30.60739154	25.78300511
ENSMUSG00000024201	67.20792587	101.5601176	97.44884459	66.04752911	68.75468029
ENSMUSG00000024206	12.02668147	20.17290007	15.53532305	5.638203705	8.594335036
ENSMUSG00000024208	25.46826665	41.04141738	45.8998181	42.68925662	46.55264811
ENSMUSG00000024211	7.781970364	5.56493795	8.473812573	5.638203705	2.864778345
ENSMUSG00000024213	39.61730367	61.9099347	70.61510478	86.18397091	83.07857202

ENSMUSG00000024215	11.31922962	5.56493795	11.29841676	8.054576721	5.013362104
ENSMUSG00000024218	18.39374813	28.52030699	28.95219296	34.6346799	36.5259239
ENSMUSG00000024219	23.34591109	39.6501829	31.77679715	29.80193387	37.24211849
ENSMUSG00000024220	12.02668147	11.82549314	13.41686991	19.33098413	11.45911338
ENSMUSG00000024222	11.31922962	3.478086219	9.179963621	9.665492065	6.445751277
ENSMUSG00000024227	12.73413332	17.39043109	12.00456781	7.249119049	10.02672421
ENSMUSG00000024228	8.489422215	7.651789682	8.473812573	4.02728836	4.297167518
ENSMUSG00000024231	51.64398514	102.2557348	84.73812573	99.07129367	86.65954495
ENSMUSG00000024233	9.196874066	6.956172438	5.649208382	8.054576721	5.729556691
ENSMUSG00000024235	94.79854807	107.8206728	100.2734488	263.3846588	164.0085603
ENSMUSG00000024236	7.074518513	6.260555194	11.29841676	8.054576721	7.87814045
ENSMUSG00000024238	57.30359995	61.9099347	55.07978173	98.265836	100.2672421
ENSMUSG00000024240	58.71850365	78.60474855	63.5535943	52.35474869	56.57937232
ENSMUSG00000024242	15.56394073	34.78086219	31.77679715	20.94189947	17.18867007
ENSMUSG00000024247	9.196874066	6.956172438	7.061510478	7.249119049	5.729556691
ENSMUSG00000024248	84.1867703	102.9513521	109.4534124	149.815127	132.4959985
ENSMUSG00000024254	9.196874066	9.738641413	7.061510478	4.02728836	7.87814045
ENSMUSG00000024260	39.61730367	52.17129328	52.96132858	61.21478308	42.97167518
ENSMUSG00000024268	9.904325918	5.56493795	10.59226572	2.416373016	7.161945863
ENSMUSG00000024269	17.68629628	54.25814501	45.8998181	19.33098413	33.66114556
ENSMUSG00000024270	25.46826665	48.69320706	62.84744325	111.9586164	91.67290705
ENSMUSG00000024274	9.904325918	13.21672763	9.886114669	11.27640741	15.7562809
ENSMUSG00000024277	5.65961481	4.173703463	9.179963621	4.02728836	3.580972932
ENSMUSG00000024283	40.32475552	75.82227957	68.49665163	170.7570265	161.1437819
ENSMUSG00000024292	9.904325918	5.56493795	9.179963621	10.47094974	7.161945863
ENSMUSG00000024293	41.03220737	53.56252777	50.13672439	111.1531587	95.97007457
ENSMUSG00000024294	12.73413332	22.2597518	18.35992724	37.05105292	42.25548059
ENSMUSG00000024298	147.1499851	169.7306075	152.5286263	227.9445212	163.2923657
ENSMUSG00000024299	15.56394073	25.73783802	18.35992724	41.88379895	34.37734014
ENSMUSG00000024300	12.73413332	25.04222078	18.35992724	16.10915344	12.89150255
ENSMUSG00000024302	7.781970364	4.869320706	12.00456781	4.832746033	10.02672421
ENSMUSG00000024304	7.781970364	1.391234488	6.35535943	2.416373016	2.864778345
ENSMUSG00000024306	7.781970364	9.043024169	7.061510478	4.832746033	9.310529622
ENSMUSG00000024308	3.537259256	3.478086219	6.35535943	16.10915344	10.02672421
ENSMUSG00000024309	57.30359995	71.64857611	71.32125582	120.0131931	96.68626916
ENSMUSG00000024317	50.93653329	71.64857611	67.08434954	83.7675979	84.51096119
ENSMUSG00000024319	52.35143699	94.60394515	85.44427678	348.763172	233.4794351
ENSMUSG00000024327	0	0	0.706151048	1.610915344	2.864778345
ENSMUSG00000024330	8.489422215	6.260555194	7.767661525	3.221830688	10.02672421
ENSMUSG00000024331	3.537259256	10.43425866	2.824604191	4.02728836	2.864778345
ENSMUSG00000024335	57.30359995	101.5601176	83.32582364	243.248217	194.0887329
ENSMUSG00000024338	128.0487851	145.3840039	134.1686991	298.0193387	210.5612084
ENSMUSG00000024339	56.5961481	85.56092098	83.32582364	161.8969921	119.6044959



ENSMUSG00000024340	26.88317035	44.5195036	40.95676077	27.38556085	27.93158887
ENSMUSG00000024347	9.904325918	3.478086219	4.943057334	4.832746033	8.594335036
ENSMUSG00000024352	14.85648888	15.99919661	20.47838039	16.91461111	20.769643
ENSMUSG00000024354	11.31922962	20.17290007	18.35992724	9.665492065	11.45911338
ENSMUSG00000024369	36.78749627	60.51870021	40.25060972	71.68573282	60.87653984
ENSMUSG00000024370	71.45263698	79.99598303	67.79050059	140.9550926	113.1587446
ENSMUSG00000024371	19.80865184	35.47647943	26.83373982	42.68925662	42.97167518
ENSMUSG00000024381	9.196874066	5.56493795	9.886114669	9.665492065	5.013362104
ENSMUSG00000024382	38.20239997	52.17129328	51.54902649	61.21478308	63.0251236
ENSMUSG00000024387	119.5593629	157.2094971	148.9978711	181.2279762	158.2790036
ENSMUSG00000024388	5.65961481	2.782468975	5.649208382	8.054576721	10.7429188
ENSMUSG00000024392	109.6550369	147.4708557	127.1071886	199.7535027	148.968474
ENSMUSG00000024393	23.34591109	38.95456565	32.4829482	22.55281482	31.5125618
ENSMUSG00000024397	11.31922962	21.56413456	23.30298458	12.08186508	15.04008631
ENSMUSG00000024400	171.203348	190.5991248	173.0070067	228.7499789	199.8182896
ENSMUSG00000024401	40.32475552	55.6493795	59.31668801	148.2042117	95.25387998
ENSMUSG00000024403	25.46826665	48.69320706	38.13215658	93.43308996	94.5376854
ENSMUSG00000024406	7.074518513	6.260555194	8.473812573	10.47094974	8.594335036
ENSMUSG00000024410	53.05888884	68.17048989	56.49208382	57.99295239	50.13362104
ENSMUSG00000024413	48.81417774	70.95295887	57.90438592	31.41284921	47.98503729
ENSMUSG00000024414	45.27691848	61.9099347	55.78593277	79.74030954	63.0251236
ENSMUSG00000024421	9.904325918	11.1298759	4.943057334	3.221830688	9.310529622
ENSMUSG00000024422	42.44711108	64.69240367	71.32125582	103.9040397	88.09193412
ENSMUSG00000024424	6.367066661	5.56493795	4.943057334	4.02728836	4.297167518
ENSMUSG00000024426	18.39374813	30.60715873	24.71528667	32.21830688	35.09353473
ENSMUSG00000024430	5.65961481	6.956172438	4.943057334	4.832746033	6.445751277
ENSMUSG00000024431	6.367066661	15.99919661	19.06607829	24.96918783	26.49919969
ENSMUSG00000024436	74.98989623	123.8198694	88.97503202	296.4084233	206.9802355
ENSMUSG00000024440	9.904325918	5.56493795	8.473812573	6.443661377	12.89150255
ENSMUSG00000024446	12.02668147	26.43345526	21.89068248	16.10915344	26.49919969
ENSMUSG00000024448	9.196874066	6.260555194	5.649208382	4.832746033	5.729556691
ENSMUSG00000024454	45.27691848	58.43184848	62.84744325	58.79841006	49.41742646
ENSMUSG00000024456	89.84638511	121.7330177	118.633376	178.0061455	126.7664418
ENSMUSG00000024457	55.88869625	86.25653823	55.07978173	82.15668255	70.18706946
ENSMUSG00000024462	7.074518513	9.043024169	7.767661525	8.054576721	8.594335036
ENSMUSG00000024471	9.904325918	10.43425866	9.886114669	4.02728836	5.013362104
ENSMUSG00000024483	82.06441475	121.0374004	110.8657145	240.0263863	195.5211221
ENSMUSG00000024485	6.367066661	7.651789682	4.943057334	5.638203705	8.594335036
ENSMUSG00000024491	141.4903703	178.0780144	153.9409284	200.5589604	176.1838682
ENSMUSG00000024498	120.2668147	125.9067211	126.4010376	251.3027937	173.3190899
ENSMUSG00000024500	11.31922962	9.043024169	7.767661525	2.416373016	9.310529622
ENSMUSG00000024501	12.73413332	6.956172438	7.767661525	4.832746033	5.729556691
ENSMUSG00000024505	21.22355554	27.12907251	30.36449505	29.80193387	29.36397804

ENSMUSG00000024511	9.196874066	9.043024169	12.00456781	4.832746033	7.87814045
ENSMUSG00000024513	84.89422215	121.0374004	97.44884459	136.1223466	117.4559122
ENSMUSG00000024515	101.1656147	124.5154866	109.4534124	110.3477011	126.7664418
ENSMUSG00000024516	36.78749627	54.95376226	43.07521391	101.4876667	73.76804239
ENSMUSG00000024517	9.196874066	4.869320706	9.179963621	4.02728836	7.87814045
ENSMUSG00000024524	7.781970364	8.347406925	7.767661525	8.054576721	5.729556691
ENSMUSG00000024529	15.56394073	4.869320706	4.943057334	1.610915344	10.02672421
ENSMUSG00000024532	7.074518513	4.173703463	3.530755239	4.02728836	7.87814045
ENSMUSG00000024533	6.367066661	6.956172438	10.59226572	1.610915344	9.310529622
ENSMUSG00000024534	9.904325918	8.347406925	7.061510478	5.638203705	7.161945863
ENSMUSG00000024535	7.781970364	9.738641413	10.59226572	6.443661377	7.87814045
ENSMUSG00000024539	58.0110518	86.95215547	91.09348516	171.5624842	140.3741389
ENSMUSG00000024548	21.93100739	37.56333116	28.24604191	27.38556085	35.80972932
ENSMUSG00000024552	11.31922962	4.869320706	5.649208382	8.054576721	7.87814045
ENSMUSG00000024558	7.781970364	5.56493795	6.35535943	5.638203705	7.87814045
ENSMUSG00000024563	50.22908144	86.95215547	83.32582364	92.62763229	94.5376854
ENSMUSG00000024571	0.707451851	0	0.706151048	0	0
ENSMUSG00000024575	7.781970364	8.347406925	8.473812573	5.638203705	5.729556691
ENSMUSG00000024576	138.6605628	157.2094971	147.585569	255.3300821	211.9935976
ENSMUSG00000024581	60.13340736	74.43104508	59.31668801	50.74383334	65.17370736
ENSMUSG00000024589	53.7663407	52.86691053	70.61510478	33.82922223	35.80972932
ENSMUSG00000024592	9.904325918	11.1298759	12.71071886	10.47094974	17.90486466
ENSMUSG00000024593	6.367066661	4.173703463	9.179963621	8.860034393	7.161945863
ENSMUSG00000024597	12.73413332	5.56493795	3.530755239	25.77464551	20.769643
ENSMUSG00000024608	84.1867703	121.7330177	122.8702823	363.2614101	252.816689
ENSMUSG00000024610	113.8997481	135.6453625	118.633376	263.3846588	167.5895332
ENSMUSG00000024613	112.4848444	126.6023384	134.8748501	210.2244524	171.1705061
ENSMUSG00000024617	6.367066661	8.347406925	8.473812573	10.47094974	5.013362104
ENSMUSG00000024620	8.489422215	3.478086219	6.35535943	8.860034393	8.594335036
ENSMUSG00000024621	5.65961481	8.347406925	8.473812573	4.02728836	5.729556691
ENSMUSG00000024642	22.63845924	34.78086219	33.89525029	136.9278043	90.24051788
ENSMUSG00000024644	9.196874066	22.2597518	21.18453143	16.91461111	23.63442135
ENSMUSG00000024646	31.12788146	45.21512085	57.90438592	47.52200265	42.25548059
ENSMUSG00000024647	6.367066661	6.956172438	5.649208382	3.221830688	5.013362104
ENSMUSG00000024659	11.31922962	9.043024169	9.179963621	5.638203705	7.161945863
ENSMUSG00000024663	7.074518513	6.260555194	4.236906287	9.665492065	2.148583759
ENSMUSG00000024667	18.39374813	20.17290007	19.06607829	16.10915344	13.60769714
ENSMUSG00000024670	6.367066661	4.869320706	8.473812573	5.638203705	6.445751277
ENSMUSG00000024672	14.85648888	18.08604834	14.12302096	9.665492065	15.04008631
ENSMUSG00000024675	39.61730367	67.47487265	46.60596915	39.46742593	30.08017263
ENSMUSG00000024677	8.489422215	11.1298759	16.94762515	11.27640741	12.89150255
ENSMUSG00000024679	4.952162959	2.086851731	2.824604191	4.832746033	4.297167518
ENSMUSG00000024680	9.196874066	2.086851731	4.236906287	4.02728836	7.87814045

ENSMUSG00000024681	7.781970364	6.260555194	2.824604191	6.443661377	11.45911338
ENSMUSG00000024687	44.56946663	65.38802092	83.32582364	108.7367857	90.95671247
ENSMUSG00000024691	164.8362813	228.8580732	195.6038402	140.9550926	105.2806042
ENSMUSG00000024695	39.61730367	57.73623123	58.61053696	136.9278043	105.2806042
ENSMUSG00000024713	9.196874066	4.869320706	8.473812573	8.860034393	5.013362104
ENSMUSG00000024725	110.3624888	122.4286349	120.0456781	103.098582	86.65954495
ENSMUSG00000024728	7.074518513	11.82549314	1.412302096	8.054576721	9.310529622
ENSMUSG00000024731	9.904325918	6.956172438	6.35535943	12.88732275	7.87814045
ENSMUSG00000024735	57.30359995	71.64857611	81.20737049	184.4498069	148.2522794
ENSMUSG00000024736	3.537259256	8.347406925	6.35535943	6.443661377	7.87814045
ENSMUSG00000024742	50.93653329	82.77845201	63.5535943	186.0607223	118.8883013
ENSMUSG00000024743	7.781970364	7.651789682	6.35535943	4.02728836	5.729556691
ENSMUSG00000024750	89.84638511	117.5593142	93.21193831	192.5043836	169.0219224
ENSMUSG00000024754	20.51610369	26.43345526	28.24604191	14.4982381	17.18867007
ENSMUSG00000024758	82.06441475	115.4724625	126.4010376	113.5695318	111.0101609
ENSMUSG00000024759	19.80865184	39.6501829	33.89525029	54.7711217	43.68786977
ENSMUSG00000024766	5.65961481	8.347406925	8.473812573	6.443661377	12.89150255
ENSMUSG00000024767	53.7663407	87.64777272	74.14586002	115.1804471	93.82149081
ENSMUSG00000024770	4.952162959	1.391234488	4.236906287	0	1.432389173
ENSMUSG00000024773	38.20239997	39.6501829	49.43057334	48.32746033	37.95831308
ENSMUSG00000024774	10.61177777	4.173703463	9.886114669	4.02728836	10.02672421
ENSMUSG00000024776	46.69182218	62.60555194	62.1412922	86.98942859	74.48423698
ENSMUSG00000024778	14.85648888	10.43425866	7.767661525	31.41284921	24.35061594
ENSMUSG00000024781	29.71297775	36.17209668	33.18909925	21.74735715	22.20203218
ENSMUSG00000024784	8.489422215	6.260555194	13.41686991	8.054576721	10.7429188
ENSMUSG00000024787	10.61177777	22.2597518	10.59226572	16.10915344	12.17530797
ENSMUSG00000024789	16.27139258	21.56413456	16.94762515	53.16020636	50.13362104
ENSMUSG00000024791	52.35143699	85.56092098	64.25974535	144.1769233	99.5510475
ENSMUSG00000024793	14.14903703	2.782468975	11.29841676	9.665492065	7.87814045
ENSMUSG00000024795	45.98437033	63.30116918	54.37363068	156.2587884	112.4425501
ENSMUSG00000024797	7.074518513	13.91234488	6.35535943	7.249119049	5.729556691
ENSMUSG00000024798	4.952162959	6.260555194	7.061510478	32.21830688	28.64778345
ENSMUSG00000024799	14.14903703	21.56413456	17.65377619	15.30369577	15.04008631
ENSMUSG00000024805	16.27139258	15.30357936	18.35992724	63.6311561	46.55264811
ENSMUSG00000024807	100.4581629	116.1680797	108.0411103	258.5519127	186.926787
ENSMUSG00000024810	4.952162959	4.869320706	6.35535943	3.221830688	7.161945863
ENSMUSG00000024811	141.4903703	154.4270281	128.5194907	219.8899445	167.5895332
ENSMUSG00000024816	46.69182218	82.77845201	46.60596915	41.88379895	46.55264811
ENSMUSG00000024817	87.72402956	101.5601176	88.97503202	140.9550926	110.2939663
ENSMUSG00000024818	23.34591109	40.34580014	26.83373982	37.85651059	44.40406435
ENSMUSG00000024826	159.8841184	183.6429524	163.120892	167.5351958	161.8599765
ENSMUSG00000024829	31.12788146	44.5195036	48.7244223	94.23854763	79.49759908
ENSMUSG00000024830	38.90985182	64.69240367	53.66747963	59.60386773	51.56601022

ENSMUSG00000024831	33.25023701	53.56252777	52.96132858	80.54576721	79.49759908
ENSMUSG00000024833	37.49494812	57.04061399	61.43514116	125.6513968	92.38910164
ENSMUSG00000024835	41.73965922	49.38882431	61.43514116	86.18397091	60.87653984
ENSMUSG00000024837	7.781970364	4.869320706	5.649208382	6.443661377	4.297167518
ENSMUSG00000024843	25.46826665	34.78086219	36.01370344	43.49471429	48.70123187
ENSMUSG00000024844	56.5961481	90.43024169	93.91808935	244.8591323	196.9535112
ENSMUSG00000024847	103.9954221	123.8198694	135.5810012	127.2623122	115.3073284
ENSMUSG00000024851	16.97884443	23.65098629	38.83830763	36.24559524	43.68786977
ENSMUSG00000024856	8.489422215	11.82549314	12.00456781	21.74735715	24.35061594
ENSMUSG00000024857	6.367066661	6.260555194	12.71071886	5.638203705	5.729556691
ENSMUSG00000024858	55.88869625	77.9091313	71.32125582	160.2860767	123.1854689
ENSMUSG00000024862	21.22355554	24.34660353	12.00456781	14.4982381	18.62105924
ENSMUSG00000024867	19.80865184	25.04222078	21.89068248	15.30369577	14.32389173
ENSMUSG00000024871	6.367066661	7.651789682	8.473812573	6.443661377	8.594335036
ENSMUSG00000024892	4.244711108	4.173703463	7.061510478	4.02728836	6.445751277
ENSMUSG00000024901	6.367066661	9.043024169	11.29841676	4.02728836	10.7429188
ENSMUSG00000024903	10.61177777	2.782468975	9.179963621	8.860034393	12.89150255
ENSMUSG00000024905	10.61177777	10.43425866	7.767661525	8.860034393	7.87814045
ENSMUSG00000024908	152.8095999	203.1202352	158.1778347	202.1698757	161.1437819
ENSMUSG00000024909	11.31922962	5.56493795	5.649208382	2.416373016	9.310529622
ENSMUSG00000024913	7.074518513	9.738641413	9.179963621	4.832746033	11.45911338
ENSMUSG00000024914	50.93653329	79.30036579	76.26431316	120.0131931	77.34901533
ENSMUSG00000024921	12.02668147	15.99919661	12.71071886	16.10915344	11.45911338
ENSMUSG00000024924	5.65961481	4.173703463	9.886114669	4.02728836	5.013362104
ENSMUSG00000024925	12.73413332	28.52030699	26.12758877	49.132918	42.25548059
ENSMUSG00000024935	9.904325918	6.956172438	8.473812573	4.832746033	8.594335036
ENSMUSG00000024937	50.22908144	59.12746572	58.61053696	81.35122488	73.05184781
ENSMUSG00000024940	7.074518513	2.782468975	9.179963621	4.02728836	8.594335036
ENSMUSG00000024942	21.93100739	31.99839321	33.18909925	25.77464551	31.5125618
ENSMUSG00000024947	33.25023701	46.60635533	53.66747963	52.35474869	44.40406435
ENSMUSG00000024948	53.05888884	79.30036579	76.97046421	74.9075635	70.90326405
ENSMUSG00000024949	86.30912585	117.5593142	106.6288082	242.4427593	192.6563437
ENSMUSG00000024952	9.196874066	17.39043109	13.41686991	14.4982381	19.33725383
ENSMUSG00000024953	57.30359995	72.34419335	79.7950684	135.3168889	97.40246374
ENSMUSG00000024955	43.15456293	54.25814501	48.7244223	74.9075635	65.88990194
ENSMUSG00000024958	16.97884443	20.17290007	23.30298458	23.35827249	27.21539428
ENSMUSG00000024959	16.97884443	18.08604834	21.18453143	16.10915344	20.769643
ENSMUSG00000024962	11.31922962	25.73783802	20.47838039	23.35827249	17.18867007
ENSMUSG00000024963	14.85648888	20.17290007	11.29841676	16.91461111	7.161945863
ENSMUSG00000024968	6.367066661	7.651789682	4.236906287	10.47094974	5.013362104
ENSMUSG00000024969	77.11225179	76.51789682	87.56272992	128.0677699	125.3340526
ENSMUSG00000024972	7.781970364	5.56493795	6.35535943	4.832746033	5.013362104
ENSMUSG00000024973	6.367066661	8.347406925	4.943057334	6.443661377	5.729556691

ENSMUSG00000024974	69.33028142	80.69160028	67.08434954	124.0404815	107.429188
ENSMUSG00000024975	14.14903703	19.47728283	14.12302096	10.47094974	12.89150255
ENSMUSG00000024976	57.30359995	72.34419335	83.32582364	87.79488626	83.7947666
ENSMUSG00000024978	28.29807405	38.95456565	39.54445867	28.9964762	24.35061594
ENSMUSG00000024979	5.65961481	6.260555194	1.412302096	5.638203705	5.729556691
ENSMUSG00000024982	34.66514071	59.82308296	67.79050059	120.0131931	105.9967988
ENSMUSG00000024983	34.66514071	56.34499675	48.7244223	132.9005159	85.94335036
ENSMUSG00000024985	9.196874066	6.260555194	10.59226572	11.27640741	6.445751277
ENSMUSG00000024986	24.76081479	55.6493795	45.19366706	36.24559524	40.10689684
ENSMUSG00000024989	21.22355554	17.39043109	26.83373982	68.46390213	52.2822048
ENSMUSG00000024990	6.367066661	9.043024169	7.767661525	6.443661377	3.580972932
ENSMUSG00000024992	12.73413332	7.651789682	14.12302096	4.832746033	3.580972932
ENSMUSG00000024993	35.37259256	63.30116918	50.84287544	56.38203705	62.30892901
ENSMUSG00000024998	9.196874066	7.651789682	10.59226572	7.249119049	5.729556691
ENSMUSG00000025001	55.88869625	47.30197258	53.66747963	162.7024498	123.1854689
ENSMUSG00000025004	7.781970364	11.82549314	5.649208382	8.860034393	2.864778345
ENSMUSG00000025007	9.196874066	13.91234488	20.47838039	77.32393652	54.43078856
ENSMUSG00000025008	5.65961481	11.82549314	10.59226572	12.08186508	16.47247549
ENSMUSG00000025010	74.28244438	105.7338211	88.26888097	98.265836	81.64618284
ENSMUSG00000025013	14.14903703	11.1298759	7.767661525	4.832746033	7.161945863
ENSMUSG00000025014	12.02668147	15.30357936	9.886114669	10.47094974	10.7429188
ENSMUSG00000025016	62.96321476	87.64777272	81.20737049	169.1461111	121.7530797
ENSMUSG00000025019	63.67066661	85.56092098	78.3827663	130.4841429	109.5777717
ENSMUSG00000025020	9.904325918	6.260555194	7.767661525	6.443661377	7.87814045
ENSMUSG00000025025	7.074518513	14.60796212	12.71071886	8.054576721	7.87814045
ENSMUSG00000025026	28.29807405	32.69401046	31.0706461	14.4982381	18.62105924
ENSMUSG00000025027	6.367066661	12.52111039	14.829172	11.27640741	7.87814045
ENSMUSG00000025040	14.14903703	22.95536904	16.94762515	10.47094974	16.47247549
ENSMUSG00000025041	7.781970364	9.738641413	7.061510478	8.054576721	7.87814045
ENSMUSG00000025044	9.196874066	8.347406925	7.767661525	3.221830688	2.864778345
ENSMUSG00000025059	10.61177777	19.47728283	14.12302096	15.30369577	18.62105924
ENSMUSG00000025060	33.25023701	57.04061399	42.36906287	29.80193387	47.2688427
ENSMUSG00000025064	9.904325918	8.347406925	4.943057334	8.860034393	5.729556691
ENSMUSG00000025069	7.074518513	6.260555194	6.35535943	6.443661377	3.580972932
ENSMUSG00000025075	7.781970364	7.651789682	4.943057334	5.638203705	8.594335036
ENSMUSG00000025077	53.05888884	71.64857611	62.1412922	66.04752911	65.88990194
ENSMUSG00000025081	12.02668147	8.347406925	9.886114669	8.054576721	7.87814045
ENSMUSG00000025083	8.489422215	1.391234488	6.35535943	8.860034393	4.297167518
ENSMUSG00000025085	11.31922962	15.30357936	13.41686991	11.27640741	8.594335036
ENSMUSG00000025086	20.51610369	22.95536904	27.53989086	33.82922223	27.21539428
ENSMUSG00000025089	10.61177777	6.260555194	9.179963621	3.221830688	5.013362104
ENSMUSG00000025102	9.904325918	20.17290007	19.06607829	31.41284921	27.93158887
ENSMUSG00000025104	7.074518513	8.347406925	9.179963621	7.249119049	4.297167518

ENSMUSG00000025127	9.196874066	7.651789682	1.412302096	4.02728836	11.45911338
ENSMUSG00000025130	41.03220737	61.21431745	43.07521391	170.7570265	115.3073284
ENSMUSG00000025132	72.86754068	95.2995624	88.26888097	225.5281482	185.4943979
ENSMUSG00000025135	56.5961481	79.30036579	70.61510478	200.5589604	156.8466144
ENSMUSG00000025137	34.66514071	48.69320706	43.07521391	95.04400531	93.82149081
ENSMUSG00000025138	3.537259256	4.869320706	6.35535943	6.443661377	3.580972932
ENSMUSG00000025139	5.65961481	6.260555194	8.473812573	7.249119049	5.729556691
ENSMUSG00000025140	7.781970364	6.260555194	9.179963621	6.443661377	5.729556691
ENSMUSG00000025142	31.12788146	41.04141738	30.36449505	28.9964762	35.80972932
ENSMUSG00000025144	9.904325918	23.65098629	23.30298458	16.91461111	20.769643
ENSMUSG00000025145	9.904325918	15.30357936	13.41686991	16.10915344	22.91822676
ENSMUSG00000025150	10.61177777	7.651789682	5.649208382	7.249119049	5.013362104
ENSMUSG00000025151	4.244711108	2.086851731	4.236906287	2.416373016	0
ENSMUSG00000025154	17.68629628	32.69401046	26.83373982	40.2728836	34.37734014
ENSMUSG00000025155	38.90985182	58.43184848	58.61053696	120.0131931	93.10529622
ENSMUSG00000025156	31.83533331	38.95456565	43.78136496	69.2693598	48.70123187
ENSMUSG00000025161	9.904325918	6.956172438	6.35535943	4.02728836	7.87814045
ENSMUSG00000025162	138.6605628	172.5130765	149.7040221	252.913709	183.3458141
ENSMUSG00000025165	11.31922962	8.347406925	12.71071886	6.443661377	5.013362104
ENSMUSG00000025170	0	0.695617244	2.824604191	0	0
ENSMUSG00000025173	108.9475851	155.8182626	147.585569	169.1461111	146.8198902
ENSMUSG00000025175	7.074518513	5.56493795	5.649208382	4.832746033	7.87814045
ENSMUSG00000025176	8.489422215	6.956172438	9.179963621	4.02728836	7.161945863
ENSMUSG00000025184	97.62835547	146.7752384	117.927225	82.15668255	81.64618284
ENSMUSG00000025185	6.367066661	3.478086219	6.35535943	7.249119049	5.729556691
ENSMUSG00000025188	14.85648888	13.21672763	9.886114669	7.249119049	9.310529622
ENSMUSG00000025190	11.31922962	24.34660353	15.53532305	138.5387196	88.80812871
ENSMUSG00000025192	12.02668147	16.69481385	16.2414741	19.33098413	20.769643
ENSMUSG00000025193	21.22355554	29.91154148	24.00913562	39.46742593	35.80972932
ENSMUSG00000025198	14.85648888	22.2597518	29.65834401	29.80193387	17.90486466
ENSMUSG00000025199	78.52715549	114.7768452	94.6242404	136.9278043	91.67290705
ENSMUSG00000025204	30.4204296	57.04061399	41.66291182	35.44013757	39.39070225
ENSMUSG00000025207	5.65961481	12.52111039	7.061510478	11.27640741	5.013362104
ENSMUSG00000025212	12.73413332	24.34660353	21.18453143	16.10915344	10.7429188
ENSMUSG00000025213	4.952162959	9.738641413	5.649208382	2.416373016	6.445751277
ENSMUSG00000025215	7.074518513	4.173703463	5.649208382	3.221830688	5.013362104
ENSMUSG00000025217	38.20239997	57.73623123	49.43057334	31.41284921	42.97167518
ENSMUSG00000025219	3.537259256	5.56493795	6.35535943	6.443661377	6.445751277
ENSMUSG00000025221	9.904325918	11.82549314	9.179963621	7.249119049	7.161945863
ENSMUSG00000025223	49.52162959	71.64857611	79.08891735	190.0880106	142.5227227
ENSMUSG00000025224	82.06441475	106.4294383	96.74269354	83.7675979	90.24051788
ENSMUSG00000025225	38.20239997	58.43184848	66.37819849	111.9586164	100.9834367
ENSMUSG00000025226	5.65961481	10.43425866	8.473812573	12.08186508	12.17530797

ENSMUSG00000025227	0	2.782468975	4.236906287	1.610915344	2.148583759
ENSMUSG00000025229	6.367066661	8.347406925	9.886114669	9.665492065	10.7429188
ENSMUSG00000025231	68.62282957	93.21271067	93.91808935	77.32393652	86.65954495
ENSMUSG00000025234	74.28244438	102.9513521	97.44884459	274.6610662	189.7915654
ENSMUSG00000025236	21.22355554	36.17209668	36.71985448	71.68573282	67.32229112
ENSMUSG00000025237	26.1757185	47.30197258	48.7244223	27.38556085	35.09353473
ENSMUSG00000025241	19.80865184	36.17209668	21.89068248	58.79841006	40.10689684
ENSMUSG00000025243	7.074518513	9.738641413	10.59226572	10.47094974	7.161945863
ENSMUSG00000025245	15.56394073	21.56413456	24.00913562	14.4982381	17.90486466
ENSMUSG00000025246	31.12788146	45.21512085	43.07521391	70.88027514	54.43078856
ENSMUSG00000025255	9.196874066	6.260555194	9.886114669	4.02728836	6.445751277
ENSMUSG00000025260	4.244711108	6.956172438	11.29841676	12.08186508	7.161945863
ENSMUSG00000025261	45.98437033	66.08363816	45.8998181	173.1733995	120.3206905
ENSMUSG00000025264	20.51610369	50.08444155	36.71985448	62.82569842	58.72795608
ENSMUSG00000025265	5.65961481	2.782468975	4.943057334	3.221830688	2.864778345
ENSMUSG00000025266	21.22355554	26.43345526	21.18453143	46.71654498	42.25548059
ENSMUSG00000025268	3.537259256	5.56493795	2.824604191	2.416373016	2.864778345
ENSMUSG00000025269	5.65961481	11.1298759	11.29841676	14.4982381	13.60769714
ENSMUSG00000025270	2.829807405	4.173703463	6.35535943	5.638203705	5.013362104
ENSMUSG00000025271	8.489422215	20.86851731	14.829172	44.30017197	29.36397804
ENSMUSG00000025272	4.244711108	5.56493795	4.236906287	2.416373016	1.432389173
ENSMUSG00000025277	13.44158517	22.95536904	24.71528667	24.16373016	11.45911338
ENSMUSG00000025283	16.97884443	25.73783802	22.59683353	30.60739154	18.62105924
ENSMUSG00000025287	21.22355554	36.17209668	31.0706461	33.02376456	35.09353473
ENSMUSG00000025289	2.829807405	1.391234488	4.943057334	5.638203705	2.864778345
ENSMUSG00000025290	54.47379255	87.64777272	70.61510478	223.9172328	172.6028953
ENSMUSG00000025314	67.91537772	78.60474855	93.21193831	62.82569842	60.16034525
ENSMUSG00000025316	30.4204296	47.30197258	36.71985448	92.62763229	78.7814045
ENSMUSG00000025318	7.781970364	5.56493795	5.649208382	4.832746033	3.580972932
ENSMUSG00000025321	7.781970364	6.956172438	7.061510478	5.638203705	4.297167518
ENSMUSG00000025323	37.49494812	40.34580014	36.71985448	18.52552646	30.79636721
ENSMUSG00000025326	48.10672589	91.82147618	76.26431316	176.3952302	148.968474
ENSMUSG00000025332	94.79854807	114.7768452	98.86114669	169.1461111	101.6996313
ENSMUSG00000025333	7.074518513	4.869320706	2.824604191	0.805457672	2.864778345
ENSMUSG00000025337	88.43148141	138.4278315	91.79963621	160.2860767	141.8065281
ENSMUSG00000025340	109.6550369	166.9481385	134.8748501	132.9005159	114.5911338
ENSMUSG00000025350	1.414903703	2.086851731	0.706151048	3.221830688	2.148583759
ENSMUSG00000025351	7.781970364	6.956172438	7.061510478	4.02728836	7.161945863
ENSMUSG00000025358	15.56394073	20.86851731	17.65377619	71.68573282	57.29556691
ENSMUSG00000025359	16.97884443	22.2597518	12.00456781	39.46742593	33.66114556
ENSMUSG00000025364	35.37259256	48.69320706	55.78593277	306.8793731	230.6146568
ENSMUSG00000025369	4.952162959	6.956172438	12.00456781	15.30369577	10.7429188
ENSMUSG00000025371	21.22355554	40.34580014	35.30755239	50.74383334	42.97167518

ENSMUSG00000025372	14.14903703	27.12907251	28.95219296	51.54929101	44.40406435
ENSMUSG00000025373	96.92090362	141.2103005	132.756397	114.3749894	118.8883013
ENSMUSG00000025374	84.89422215	137.7322143	117.927225	123.2350238	93.82149081
ENSMUSG00000025375	4.952162959	4.869320706	6.35535943	7.249119049	6.445751277
ENSMUSG00000025377	29.0055259	36.17209668	40.95676077	47.52200265	47.2688427
ENSMUSG00000025384	20.51610369	20.86851731	19.77222934	16.10915344	23.63442135
ENSMUSG00000025393	2.829807405	8.347406925	6.35535943	5.638203705	7.161945863
ENSMUSG00000025395	21.22355554	27.82468975	24.00913562	39.46742593	32.22875639
ENSMUSG00000025400	11.31922962	7.651789682	5.649208382	7.249119049	8.594335036
ENSMUSG00000025402	8.489422215	13.91234488	14.829172	23.35827249	19.33725383
ENSMUSG00000025404	54.47379255	57.04061399	57.90438592	46.71654498	47.98503729
ENSMUSG00000025408	39.61730367	72.34419335	67.08434954	127.2623122	92.38910164
ENSMUSG00000025409	14.14903703	8.347406925	17.65377619	56.38203705	28.64778345
ENSMUSG00000025410	27.5906222	40.34580014	46.60596915	37.85651059	52.99839939
ENSMUSG00000025413	15.56394073	24.34660353	20.47838039	37.05105292	28.64778345
ENSMUSG00000025420	2.122355554	7.651789682	12.00456781	8.860034393	8.594335036
ENSMUSG00000025421	35.37259256	57.04061399	36.71985448	67.65844446	57.29556691
ENSMUSG00000025423	13.44158517	20.86851731	16.94762515	68.46390213	60.16034525
ENSMUSG00000025425	10.61177777	3.478086219	6.35535943	8.054576721	7.161945863
ENSMUSG00000025427	8.489422215	5.56493795	7.767661525	2.416373016	7.87814045
ENSMUSG00000025428	107.5326814	159.9919661	142.6425116	269.8283202	209.8450138
ENSMUSG00000025432	7.074518513	4.173703463	5.649208382	4.832746033	5.729556691
ENSMUSG00000025436	15.56394073	22.2597518	28.24604191	30.60739154	31.5125618
ENSMUSG00000025437	47.39927403	85.56092098	81.91352154	59.60386773	66.60609653
ENSMUSG00000025451	32.54278516	57.73623123	57.90438592	111.9586164	88.80812871
ENSMUSG00000025453	29.0055259	39.6501829	27.53989086	16.91461111	22.20203218
ENSMUSG00000025461	6.367066661	6.260555194	6.35535943	9.665492065	5.729556691
ENSMUSG00000025464	13.44158517	14.60796212	13.41686991	8.860034393	12.17530797
ENSMUSG00000025465	14.85648888	14.60796212	16.2414741	19.33098413	21.48583759
ENSMUSG00000025466	12.02668147	3.478086219	7.767661525	6.443661377	7.161945863
ENSMUSG00000025468	9.904325918	3.478086219	6.35535943	4.832746033	2.864778345
ENSMUSG00000025469	5.65961481	7.651789682	7.061510478	3.221830688	5.729556691
ENSMUSG00000025470	29.71297775	43.12826911	45.19366706	73.29664816	54.43078856
ENSMUSG00000025473	8.489422215	2.782468975	4.236906287	6.443661377	10.7429188
ENSMUSG00000025475	11.31922962	4.869320706	2.824604191	4.02728836	8.594335036
ENSMUSG00000025477	47.39927403	62.60555194	75.55816211	31.41284921	46.55264811
ENSMUSG00000025478	7.074518513	2.086851731	8.473812573	7.249119049	7.161945863
ENSMUSG00000025481	9.904325918	5.56493795	9.179963621	7.249119049	6.445751277
ENSMUSG00000025482	3.537259256	2.782468975	4.943057334	8.860034393	5.013362104
ENSMUSG00000025485	50.22908144	85.56092098	75.55816211	140.1496349	124.617858
ENSMUSG00000025486	78.52715549	114.081228	96.74269354	123.2350238	103.1320204
ENSMUSG00000025487	79.94205919	109.9075245	86.15042783	111.9586164	100.9834367
ENSMUSG00000025491	7.781970364	6.956172438	9.179963621	4.832746033	10.02672421



ENSMUSG00000025495	9.196874066	6.956172438	8.473812573	9.665492065	7.87814045
ENSMUSG00000025497	4.952162959	7.651789682	4.236906287	5.638203705	3.580972932
ENSMUSG00000025498	8.489422215	11.82549314	9.886114669	6.443661377	8.594335036
ENSMUSG00000025499	32.54278516	48.69320706	45.19366706	37.85651059	45.12025894
ENSMUSG00000025500	11.31922962	10.43425866	9.179963621	7.249119049	8.594335036
ENSMUSG00000025504	9.196874066	7.651789682	7.767661525	7.249119049	8.594335036
ENSMUSG00000025505	27.5906222	46.60635533	37.42600553	56.38203705	55.14698315
ENSMUSG00000025507	31.12788146	34.78086219	32.4829482	63.6311561	41.53928601
ENSMUSG00000025508	3.537259256	4.869320706	2.118453143	2.416373016	5.729556691
ENSMUSG00000025509	19.80865184	31.30277597	33.18909925	33.82922223	32.94495097
ENSMUSG00000025510	21.93100739	31.99839321	36.01370344	24.96918783	24.35061594
ENSMUSG00000025511	62.96321476	79.99598303	93.91808935	129.6786852	100.9834367
ENSMUSG00000025512	24.76081479	32.69401046	28.24604191	55.57657937	40.82309142
ENSMUSG00000025515	7.074518513	9.043024169	9.886114669	5.638203705	10.02672421
ENSMUSG00000025521	26.88317035	45.91073809	31.0706461	37.85651059	40.82309142
ENSMUSG00000025525	18.39374813	21.56413456	20.47838039	22.55281482	15.7562809
ENSMUSG00000025528	6.367066661	4.173703463	3.530755239	1.610915344	2.864778345
ENSMUSG00000025529	7.781970364	3.478086219	3.530755239	2.416373016	2.864778345
ENSMUSG00000025531	38.20239997	57.04061399	51.54902649	33.82922223	44.40406435
ENSMUSG00000025532	54.47379255	82.08283477	85.44427678	89.4058016	87.37573953
ENSMUSG00000025533	12.02668147	21.56413456	12.00456781	11.27640741	13.60769714
ENSMUSG00000025534	21.93100739	25.04222078	19.06607829	43.49471429	34.37734014
ENSMUSG00000025537	11.31922962	13.21672763	16.2414741	24.96918783	21.48583759
ENSMUSG00000025538	26.1757185	61.9099347	35.30755239	55.57657937	45.83645353
ENSMUSG00000025544	146.4425332	192.6859765	146.8794179	252.913709	176.9000628
ENSMUSG00000025551	10.61177777	4.869320706	8.473812573	7.249119049	2.864778345
ENSMUSG00000025555	4.244711108	6.260555194	8.473812573	4.832746033	5.013362104
ENSMUSG00000025558	7.781970364	16.69481385	12.71071886	23.35827249	24.35061594
ENSMUSG00000025571	41.73965922	45.21512085	45.8998181	73.29664816	75.20043157
ENSMUSG00000025572	19.10119998	23.65098629	11.29841676	41.88379895	37.24211849
ENSMUSG00000025574	47.39927403	83.47406925	55.07978173	250.497336	170.4543116
ENSMUSG00000025575	60.84085921	91.82147618	82.61967259	66.04752911	69.47087488
ENSMUSG00000025576	9.904325918	4.173703463	4.236906287	5.638203705	2.148583759
ENSMUSG00000025579	13.44158517	10.43425866	13.41686991	17.72006879	17.90486466
ENSMUSG00000025580	72.86754068	122.4286349	100.2734488	263.3846588	213.4259867
ENSMUSG00000025583	42.44711108	70.25734162	64.96589639	87.79488626	72.33565322
ENSMUSG00000025584	3.537259256	19.47728283	15.53532305	18.52552646	22.20203218
ENSMUSG00000025586	8.489422215	5.56493795	2.824604191	7.249119049	6.445751277
ENSMUSG00000025592	2.829807405	4.173703463	4.943057334	2.416373016	3.580972932
ENSMUSG00000025597	5.65961481	5.56493795	4.236906287	1.610915344	4.297167518
ENSMUSG00000025602	7.074518513	11.1298759	6.35535943	20.1364418	13.60769714
ENSMUSG00000025607	22.63845924	25.73783802	28.24604191	19.33098413	21.48583759
ENSMUSG00000025609	147.1499851	180.8604834	164.5331941	117.5968201	131.7798039

ENSMUSG00000025613	87.01657771	109.9075245	120.7518292	270.6337778	217.0069597
ENSMUSG00000025616	70.74518513	97.38641413	79.7950684	152.2315	118.8883013
ENSMUSG00000025626	32.54278516	49.38882431	36.71985448	103.098582	69.47087488
ENSMUSG00000025647	62.96321476	82.08283477	96.0365425	33.82922223	37.24211849
ENSMUSG00000025648	39.61730367	61.9099347	52.96132858	22.55281482	23.63442135
ENSMUSG00000025650	9.904325918	4.173703463	7.767661525	2.416373016	7.161945863
ENSMUSG00000025651	80.64951104	102.9513521	96.0365425	91.01671695	88.80812871
ENSMUSG00000025656	5.65961481	3.478086219	3.530755239	3.221830688	4.297167518
ENSMUSG00000025658	2.122355554	4.869320706	2.824604191	1.610915344	0
ENSMUSG00000025665	3.537259256	1.391234488	4.943057334	0	5.013362104
ENSMUSG00000025666	4.952162959	1.391234488	2.824604191	3.221830688	3.580972932
ENSMUSG00000025701	7.074518513	11.82549314	7.767661525	10.47094974	9.310529622
ENSMUSG00000025702	9.196874066	6.260555194	6.35535943	9.665492065	8.594335036
ENSMUSG00000025716	9.904325918	6.260555194	9.179963621	2.416373016	8.594335036
ENSMUSG00000025722	29.71297775	47.99758982	40.95676077	48.32746033	41.53928601
ENSMUSG00000025723	7.074518513	15.99919661	16.94762515	15.30369577	10.7429188
ENSMUSG00000025724	89.13893326	122.4286349	130.6379438	149.815127	100.9834367
ENSMUSG00000025726	9.196874066	5.56493795	4.943057334	4.02728836	11.45911338
ENSMUSG00000025728	3.537259256	6.260555194	9.886114669	0	2.148583759
ENSMUSG00000025730	67.91537772	114.081228	103.098053	77.32393652	62.30892901
ENSMUSG00000025731	24.05336294	27.12907251	21.18453143	24.96918783	26.49919969
ENSMUSG00000025733	19.80865184	23.65098629	16.94762515	15.30369577	25.78300511
ENSMUSG00000025735	8.489422215	13.21672763	24.71528667	16.91461111	14.32389173
ENSMUSG00000025736	18.39374813	30.60715873	32.4829482	34.6346799	37.24211849
ENSMUSG00000025739	8.489422215	6.956172438	5.649208382	5.638203705	2.148583759
ENSMUSG00000025743	11.31922962	6.956172438	7.767661525	9.665492065	15.04008631
ENSMUSG00000025745	89.13893326	138.4278315	108.0411103	120.8186508	151.1170577
ENSMUSG00000025746	16.27139258	28.52030699	36.01370344	70.07481747	56.57937232
ENSMUSG00000025747	14.14903703	15.99919661	12.00456781	84.57305557	56.57937232
ENSMUSG00000025754	8.489422215	8.347406925	7.061510478	3.221830688	5.013362104
ENSMUSG00000025757	5.65961481	22.2597518	16.2414741	12.88732275	19.33725383
ENSMUSG00000025758	24.05336294	31.99839321	23.30298458	71.68573282	60.87653984
ENSMUSG00000025759	24.76081479	53.56252777	34.60140134	35.44013757	32.94495097
ENSMUSG00000025762	14.85648888	8.347406925	12.71071886	4.02728836	4.297167518
ENSMUSG00000025764	5.65961481	4.869320706	3.530755239	4.832746033	3.580972932
ENSMUSG00000025766	12.73413332	38.95456565	20.47838039	32.21830688	27.21539428
ENSMUSG00000025774	7.074518513	5.56493795	8.473812573	4.02728836	7.161945863
ENSMUSG00000025776	6.367066661	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG00000025779	10.61177777	19.47728283	24.71528667	30.60739154	31.5125618
ENSMUSG00000025781	192.4269035	247.6397388	233.0298458	331.0431032	252.816689
ENSMUSG00000025782	74.98989623	128.6891901	107.3349593	101.4876667	98.11865833
ENSMUSG00000025783	4.952162959	6.260555194	4.236906287	4.832746033	4.297167518
ENSMUSG00000025786	48.81417774	88.34338996	77.67661525	154.647873	149.6846685

ENSMUSG00000025790	6.367066661	4.173703463	6.35535943	17.72006879	20.769643
ENSMUSG00000025791	16.27139258	27.82468975	21.89068248	18.52552646	24.35061594
ENSMUSG00000025793	65.79302217	97.38641413	70.61510478	107.9313281	72.33565322
ENSMUSG00000025808	11.31922962	9.043024169	6.35535943	7.249119049	7.161945863
ENSMUSG00000025809	25.46826665	25.73783802	31.77679715	98.265836	70.18706946
ENSMUSG00000025812	11.31922962	6.260555194	3.530755239	5.638203705	6.445751277
ENSMUSG00000025813	9.904325918	4.869320706	7.061510478	5.638203705	3.580972932
ENSMUSG00000025815	7.781970364	5.56493795	10.59226572	4.832746033	10.7429188
ENSMUSG00000025816	13.44158517	30.60715873	21.18453143	38.66196826	31.5125618
ENSMUSG00000025817	65.08557032	123.8198694	94.6242404	129.6786852	141.0903335
ENSMUSG00000025825	67.20792587	96.69079689	98.86114669	187.6716376	134.6445822
ENSMUSG00000025838	9.904325918	7.651789682	5.649208382	4.02728836	9.310529622
ENSMUSG00000025854	3.537259256	5.56493795	5.649208382	7.249119049	8.594335036
ENSMUSG00000025855	1.414903703	3.478086219	7.061510478	1.610915344	5.013362104
ENSMUSG00000025856	7.074518513	4.869320706	4.943057334	6.443661377	2.864778345
ENSMUSG00000025857	14.85648888	20.86851731	18.35992724	24.16373016	18.62105924
ENSMUSG00000025858	55.1812444	72.34419335	62.1412922	157.8697037	105.9967988
ENSMUSG00000025860	25.46826665	31.30277597	33.18909925	58.79841006	54.43078856
ENSMUSG00000025862	22.63845924	29.21592424	26.12758877	36.24559524	31.5125618
ENSMUSG00000025869	49.52162959	69.56172438	76.26431316	140.1496349	105.2806042
ENSMUSG00000025870	7.074518513	15.30357936	13.41686991	5.638203705	10.7429188
ENSMUSG00000025871	66.50047402	122.4286349	82.61967259	53.96566403	47.98503729
ENSMUSG00000025873	103.9954221	130.7760418	127.8133396	164.3133651	122.4692743
ENSMUSG00000025875	9.904325918	10.43425866	6.35535943	8.054576721	10.7429188
ENSMUSG00000025876	7.074518513	6.260555194	5.649208382	8.054576721	5.013362104
ENSMUSG00000025877	5.65961481	6.956172438	8.473812573	4.832746033	10.7429188
ENSMUSG00000025878	36.78749627	49.38882431	36.01370344	72.49119049	61.59273443
ENSMUSG00000025880	62.25576291	68.86610713	76.26431316	130.4841429	116.7397176
ENSMUSG00000025885	5.65961481	9.043024169	5.649208382	4.832746033	8.594335036
ENSMUSG00000025887	9.904325918	5.56493795	6.35535943	5.638203705	5.729556691
ENSMUSG00000025889	6.367066661	6.956172438	9.886114669	2.416373016	2.864778345
ENSMUSG00000025892	6.367066661	5.56493795	7.767661525	5.638203705	9.310529622
ENSMUSG00000025894	38.90985182	72.34419335	52.25517753	97.46037832	63.0251236
ENSMUSG00000025899	31.12788146	54.95376226	48.01827125	34.6346799	32.22875639
ENSMUSG00000025900	10.61177777	10.43425866	7.061510478	3.221830688	5.729556691
ENSMUSG00000025902	9.904325918	9.738641413	8.473812573	8.054576721	2.864778345
ENSMUSG00000025903	44.56946663	70.95295887	45.19366706	43.49471429	40.82309142
ENSMUSG00000025905	7.781970364	9.043024169	4.236906287	5.638203705	6.445751277
ENSMUSG00000025907	17.68629628	24.34660353	33.18909925	15.30369577	10.7429188
ENSMUSG00000025909	8.489422215	6.956172438	3.530755239	5.638203705	10.7429188
ENSMUSG00000025911	26.1757185	35.47647943	35.30755239	122.4295662	96.68626916
ENSMUSG00000025912	7.074518513	13.91234488	11.29841676	20.1364418	17.18867007
ENSMUSG00000025915	66.50047402	100.1688831	105.2165061	171.5624842	136.0769714

ENSMUSG00000025916	0.707451851	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG00000025920	9.196874066	8.347406925	4.943057334	15.30369577	16.47247549
ENSMUSG00000025925	80.64951104	127.9935729	97.44884459	123.2350238	101.6996313
ENSMUSG00000025927	4.952162959	5.56493795	7.061510478	5.638203705	8.594335036
ENSMUSG00000025931	8.489422215	9.738641413	9.179963621	8.860034393	7.161945863
ENSMUSG00000025932	20.51610369	18.08604834	17.65377619	10.47094974	12.89150255
ENSMUSG00000025933	12.73413332	11.1298759	14.12302096	11.27640741	5.013362104
ENSMUSG00000025934	8.489422215	8.347406925	7.767661525	8.054576721	5.729556691
ENSMUSG00000025935	59.42595551	93.90832791	80.50121945	127.2623122	110.2939663
ENSMUSG00000025938	7.074518513	6.956172438	7.061510478	4.832746033	4.297167518
ENSMUSG00000025939	55.1812444	77.21351406	69.90895373	148.2042117	113.8749392
ENSMUSG00000025945	7.781970364	9.043024169	4.943057334	7.249119049	4.297167518
ENSMUSG00000025946	4.952162959	11.1298759	3.530755239	8.860034393	3.580972932
ENSMUSG00000025949	44.56946663	73.0398106	66.37819849	87.79488626	67.32229112
ENSMUSG00000025950	43.15456293	70.25734162	54.37363068	75.71302118	63.0251236
ENSMUSG00000025952	6.367066661	7.651789682	5.649208382	4.832746033	6.445751277
ENSMUSG00000025955	7.781970364	7.651789682	8.473812573	5.638203705	9.310529622
ENSMUSG00000025956	7.781970364	6.260555194	7.767661525	8.860034393	10.7429188
ENSMUSG00000025958	31.83533331	55.6493795	44.48751601	103.098582	85.94335036
ENSMUSG00000025959	7.074518513	23.65098629	16.2414741	28.9964762	21.48583759
ENSMUSG00000025962	20.51610369	27.82468975	26.83373982	43.49471429	34.37734014
ENSMUSG00000025964	10.61177777	6.260555194	6.35535943	6.443661377	9.310529622
ENSMUSG00000025967	35.37259256	59.82308296	62.1412922	100.682209	60.16034525
ENSMUSG00000025968	96.21345177	140.5146832	131.3440949	321.3776112	235.6280189
ENSMUSG00000025969	10.61177777	6.956172438	5.649208382	24.16373016	28.64778345
ENSMUSG00000025977	9.196874066	9.043024169	5.649208382	7.249119049	8.594335036
ENSMUSG00000025978	12.02668147	20.86851731	16.2414741	11.27640741	20.769643
ENSMUSG00000025979	153.5170517	196.1640627	167.3577983	246.4700477	184.7782033
ENSMUSG00000025980	43.86201478	86.25653823	81.91352154	432.5307699	330.1657043
ENSMUSG00000025981	33.25023701	63.30116918	40.25060972	24.16373016	47.2688427
ENSMUSG00000025982	101.1656147	127.2979556	117.927225	272.2446932	189.0753708
ENSMUSG00000025983	7.074518513	9.043024169	5.649208382	4.02728836	3.580972932
ENSMUSG00000025993	11.31922962	7.651789682	7.767661525	3.221830688	5.013362104
ENSMUSG00000025995	33.95768886	60.51870021	58.61053696	124.0404815	84.51096119
ENSMUSG00000025997	11.31922962	11.1298759	7.061510478	4.832746033	3.580972932
ENSMUSG00000026000	8.489422215	13.91234488	9.886114669	9.665492065	6.445751277
ENSMUSG00000026004	14.85648888	39.6501829	31.77679715	34.6346799	27.93158887
ENSMUSG00000026005	40.32475552	62.60555194	44.48751601	93.43308996	82.36237743
ENSMUSG00000026009	5.65961481	9.043024169	8.473812573	4.832746033	10.02672421
ENSMUSG00000026011	3.537259256	6.260555194	4.943057334	16.91461111	8.594335036
ENSMUSG00000026014	9.904325918	4.869320706	6.35535943	2.416373016	5.729556691
ENSMUSG00000026017	19.10119998	31.30277597	27.53989086	53.96566403	47.98503729
ENSMUSG00000026018	10.61177777	5.56493795	7.061510478	1.610915344	8.594335036

ENSMUSG00000026019	15.56394073	34.08524495	20.47838039	58.79841006	45.83645353
ENSMUSG00000026021	138.6605628	189.2078903	177.950064	199.7535027	161.8599765
ENSMUSG00000026023	8.489422215	6.260555194	4.943057334	6.443661377	9.310529622
ENSMUSG00000026024	16.97884443	27.12907251	15.53532305	26.58010318	29.36397804
ENSMUSG00000026027	128.0487851	162.774435	150.4101732	120.0131931	105.9967988
ENSMUSG00000026028	144.3201777	199.642149	156.7655326	144.982381	134.6445822
ENSMUSG00000026029	41.73965922	64.69240367	51.54902649	206.1971641	122.4692743
ENSMUSG00000026031	21.93100739	53.56252777	45.8998181	111.9586164	93.10529622
ENSMUSG00000026034	142.905274	195.4684455	144.0548137	281.1047276	226.3174893
ENSMUSG00000026035	22.63845924	30.60715873	29.65834401	79.74030954	52.99839939
ENSMUSG00000026036	25.46826665	25.04222078	33.18909925	64.43661377	59.44415067
ENSMUSG00000026037	46.69182218	81.38721752	51.54902649	133.7059736	127.4826364
ENSMUSG00000026042	9.904325918	4.173703463	12.00456781	3.221830688	3.580972932
ENSMUSG00000026043	5.65961481	7.651789682	4.943057334	4.832746033	5.013362104
ENSMUSG00000026047	4.244711108	9.043024169	9.179963621	12.08186508	12.17530797
ENSMUSG00000026048	12.02668147	31.30277597	19.06607829	18.52552646	30.08017263
ENSMUSG00000026049	31.12788146	37.56333116	52.96132858	101.4876667	103.848215
ENSMUSG00000026058	7.781970364	7.651789682	4.943057334	3.221830688	10.7429188
ENSMUSG00000026062	11.31922962	5.56493795	7.061510478	4.02728836	7.87814045
ENSMUSG00000026064	34.66514071	56.34499675	45.19366706	137.7332619	113.8749392
ENSMUSG00000026068	14.85648888	5.56493795	9.886114669	4.832746033	5.729556691
ENSMUSG00000026069	11.31922962	2.782468975	6.35535943	2.416373016	5.729556691
ENSMUSG00000026070	9.196874066	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000026072	6.367066661	6.956172438	6.35535943	9.665492065	6.445751277
ENSMUSG00000026073	7.074518513	8.347406925	7.061510478	4.832746033	7.161945863
ENSMUSG00000026074	43.86201478	66.08363816	68.49665163	83.7675979	75.91662615
ENSMUSG00000026077	8.489422215	3.478086219	3.530755239	6.443661377	2.864778345
ENSMUSG00000026078	41.73965922	59.12746572	39.54445867	47.52200265	54.43078856
ENSMUSG00000026080	16.27139258	20.17290007	12.71071886	36.24559524	32.22875639
ENSMUSG00000026082	36.78749627	66.08363816	43.78136496	107.9313281	80.92998826
ENSMUSG00000026083	62.96321476	96.69079689	85.44427678	204.5862487	160.4275873
ENSMUSG00000026085	8.489422215	9.738641413	4.943057334	7.249119049	5.013362104
ENSMUSG00000026087	81.3569629	113.3856107	115.8087718	147.398754	127.4826364
ENSMUSG00000026088	70.03773327	122.4286349	91.79963621	132.9005159	123.1854689
ENSMUSG00000026090	4.952162959	4.173703463	7.061510478	4.02728836	4.297167518
ENSMUSG00000026094	162.0064739	176.6867799	168.7701004	281.9101852	200.5344842
ENSMUSG00000026095	0	0	0	0	0
ENSMUSG00000026096	16.97884443	30.60715873	26.83373982	16.10915344	19.33725383
ENSMUSG00000026098	50.22908144	65.38802092	64.25974535	50.74383334	63.0251236
ENSMUSG00000026103	93.38364437	121.7330177	103.804204	223.1117752	153.9818361
ENSMUSG00000026104	69.33028142	95.99517964	76.26431316	241.6373016	191.2239546
ENSMUSG00000026107	28.29807405	43.12826911	33.89525029	172.3679418	116.7397176
ENSMUSG00000026109	9.904325918	6.956172438	8.473812573	6.443661377	5.013362104

ENSMUSG00000026110	29.0055259	45.91073809	47.3121202	52.35474869	47.2688427
ENSMUSG00000026111	50.22908144	84.86530374	64.25974535	91.82217462	99.5510475
ENSMUSG00000026113	19.10119998	42.43265187	37.42600553	21.74735715	22.91822676
ENSMUSG00000026114	9.196874066	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG00000026115	8.489422215	9.738641413	8.473812573	4.832746033	11.45911338
ENSMUSG00000026116	78.52715549	137.7322143	108.7472614	199.7535027	144.6713064
ENSMUSG00000026117	6.367066661	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000026121	4.244711108	7.651789682	3.530755239	6.443661377	8.594335036
ENSMUSG00000026123	19.10119998	35.47647943	40.95676077	41.88379895	60.87653984
ENSMUSG00000026126	7.781970364	11.1298759	7.767661525	3.221830688	5.729556691
ENSMUSG00000026127	45.27691848	49.38882431	60.02283906	173.9788572	125.3340526
ENSMUSG00000026131	4.244711108	5.56493795	7.061510478	4.832746033	5.729556691
ENSMUSG00000026134	22.63845924	14.60796212	21.18453143	20.94189947	26.49919969
ENSMUSG00000026135	7.781970364	5.56493795	12.71071886	16.10915344	8.594335036
ENSMUSG00000026141	9.196874066	6.956172438	9.886114669	6.443661377	6.445751277
ENSMUSG00000026142	23.34591109	34.78086219	26.12758877	57.18749472	42.25548059
ENSMUSG00000026147	14.85648888	6.260555194	5.649208382	9.665492065	7.87814045
ENSMUSG00000026150	55.88869625	100.1688831	83.32582364	77.32393652	58.72795608
ENSMUSG00000026153	7.781970364	4.869320706	5.649208382	5.638203705	6.445751277
ENSMUSG00000026155	53.7663407	77.9091313	66.37819849	61.21478308	56.57937232
ENSMUSG00000026158	5.65961481	6.260555194	4.943057334	6.443661377	5.013362104
ENSMUSG00000026159	2.122355554	0.695617244	0.706151048	4.832746033	1.432389173
ENSMUSG00000026163	7.781970364	9.738641413	7.061510478	8.054576721	12.17530797
ENSMUSG00000026166	8.489422215	3.478086219	4.236906287	4.02728836	6.445751277
ENSMUSG00000026167	9.904325918	6.260555194	12.00456781	14.4982381	9.310529622
ENSMUSG00000026171	26.88317035	35.47647943	40.95676077	49.93837567	45.12025894
ENSMUSG00000026172	28.29807405	55.6493795	55.78593277	98.265836	73.05184781
ENSMUSG00000026173	9.904325918	9.738641413	6.35535943	2.416373016	10.02672421
ENSMUSG00000026175	12.73413332	8.347406925	8.473812573	7.249119049	9.310529622
ENSMUSG00000026176	20.51610369	28.52030699	29.65834401	18.52552646	24.35061594
ENSMUSG00000026177	7.074518513	4.173703463	7.061510478	8.054576721	7.87814045
ENSMUSG00000026179	45.27691848	59.12746572	58.61053696	57.18749472	62.30892901
ENSMUSG00000026181	22.63845924	27.82468975	39.54445867	29.80193387	25.78300511
ENSMUSG00000026188	6.367066661	6.260555194	10.59226572	8.054576721	12.89150255
ENSMUSG00000026189	9.196874066	7.651789682	4.943057334	10.47094974	17.18867007
ENSMUSG00000026192	28.29807405	42.43265187	37.42600553	91.82217462	78.7814045
ENSMUSG00000026193	6.367066661	8.347406925	11.29841676	4.832746033	4.297167518
ENSMUSG00000026197	16.27139258	17.39043109	16.94762515	16.91461111	16.47247549
ENSMUSG00000026198	10.61177777	9.043024169	9.179963621	20.94189947	20.769643
ENSMUSG00000026199	24.76081479	40.34580014	33.89525029	29.80193387	33.66114556
ENSMUSG00000026200	24.05336294	25.04222078	19.77222934	37.85651059	27.93158887
ENSMUSG00000026201	52.35143699	70.25734162	70.61510478	100.682209	76.63282074
ENSMUSG00000026202	20.51610369	29.91154148	31.0706461	62.82569842	45.83645353

ENSMUSG00000026203	9.196874066	17.39043109	12.00456781	19.33098413	12.17530797
ENSMUSG00000026204	8.489422215	6.260555194	3.530755239	2.416373016	8.594335036
ENSMUSG00000026207	10.61177777	4.869320706	4.943057334	8.054576721	6.445751277
ENSMUSG00000026209	7.074518513	10.43425866	13.41686991	14.4982381	15.7562809
ENSMUSG00000026211	5.65961481	11.1298759	7.767661525	2.416373016	3.580972932
ENSMUSG00000026213	50.93653329	73.73542784	74.85201106	31.41284921	37.95831308
ENSMUSG00000026219	31.83533331	61.21431745	48.7244223	74.9075635	79.49759908
ENSMUSG00000026222	122.3891703	130.0804246	117.2210739	220.6954022	156.1304198
ENSMUSG00000026223	12.73413332	11.1298759	8.473812573	12.88732275	15.04008631
ENSMUSG00000026224	9.904325918	9.738641413	7.767661525	9.665492065	2.864778345
ENSMUSG00000026226	4.952162959	6.956172438	9.886114669	4.832746033	9.310529622
ENSMUSG00000026227	8.489422215	4.173703463	6.35535943	7.249119049	7.87814045
ENSMUSG00000026229	79.23460734	131.4716591	101.6857509	214.2517408	146.8198902
ENSMUSG00000026234	36.08004441	63.99678643	51.54902649	219.8899445	173.3190899
ENSMUSG00000026235	4.952162959	4.869320706	8.473812573	4.02728836	8.594335036
ENSMUSG00000026238	89.13893326	99.47326586	96.0365425	296.4084233	264.2758024
ENSMUSG00000026239	28.29807405	36.86771392	42.36906287	34.6346799	45.83645353
ENSMUSG00000026240	28.29807405	47.99758982	49.43057334	36.24559524	48.70123187
ENSMUSG00000026245	54.47379255	107.1250555	76.97046421	162.7024498	117.4559122
ENSMUSG00000026246	7.781970364	11.1298759	9.886114669	7.249119049	5.729556691
ENSMUSG00000026247	7.074518513	9.043024169	8.473812573	6.443661377	10.02672421
ENSMUSG00000026249	5.65961481	9.738641413	7.061510478	4.02728836	5.013362104
ENSMUSG00000026251	5.65961481	3.478086219	8.473812573	8.860034393	4.297167518
ENSMUSG00000026253	11.31922962	5.56493795	9.886114669	7.249119049	7.161945863
ENSMUSG00000026254	67.91537772	96.69079689	82.61967259	166.7297381	123.1854689
ENSMUSG00000026255	5.65961481	5.56493795	8.473812573	4.832746033	7.161945863
ENSMUSG00000026259	9.196874066	8.347406925	10.59226572	7.249119049	10.02672421
ENSMUSG00000026260	38.20239997	60.51870021	41.66291182	84.57305557	55.14698315
ENSMUSG00000026269	64.37811846	92.51709342	86.85657888	92.62763229	85.22715578
ENSMUSG00000026270	19.10119998	27.82468975	26.12758877	23.35827249	28.64778345
ENSMUSG00000026271	10.61177777	6.260555194	6.35535943	7.249119049	9.310529622
ENSMUSG00000026273	12.73413332	14.60796212	14.12302096	16.10915344	10.7429188
ENSMUSG00000026274	59.42595551	84.1696865	83.32582364	98.265836	74.48423698
ENSMUSG00000026275	45.27691848	70.25734162	67.79050059	77.32393652	76.63282074
ENSMUSG00000026277	9.196874066	6.260555194	9.179963621	10.47094974	7.161945863
ENSMUSG00000026278	7.781970364	6.956172438	8.473812573	8.054576721	7.161945863
ENSMUSG00000026279	60.13340736	98.08203137	93.91808935	102.2931244	118.1721067
ENSMUSG00000026280	61.54831106	105.0382038	87.56272992	76.51847885	80.92998826
ENSMUSG00000026281	15.56394073	22.95536904	26.83373982	104.7094974	83.07857202
ENSMUSG00000026283	38.20239997	52.17129328	45.8998181	99.07129367	65.88990194
ENSMUSG00000026288	130.8785925	133.5585108	131.3440949	268.2174048	161.8599765
ENSMUSG00000026289	69.33028142	126.6023384	98.15499564	138.5387196	106.7129934
ENSMUSG00000026295	5.65961481	4.869320706	3.530755239	3.221830688	5.013362104

ENSMUSG00000026301	7.781970364	5.56493795	6.35535943	7.249119049	7.87814045
ENSMUSG00000026304	6.367066661	4.173703463	7.767661525	4.02728836	11.45911338
ENSMUSG00000026305	3.537259256	3.478086219	8.473812573	8.054576721	6.445751277
ENSMUSG00000026307	8.489422215	27.82468975	20.47838039	21.74735715	25.78300511
ENSMUSG00000026309	136.5382073	181.5561006	148.9978711	185.2552646	146.1036956
ENSMUSG00000026311	24.05336294	25.04222078	33.89525029	37.05105292	31.5125618
ENSMUSG00000026312	8.489422215	5.56493795	9.179963621	8.054576721	4.297167518
ENSMUSG00000026313	15.56394073	33.3896277	26.12758877	35.44013757	42.25548059
ENSMUSG00000026315	5.65961481	7.651789682	5.649208382	1.610915344	7.161945863
ENSMUSG00000026319	123.804074	164.8612868	148.29172	178.0061455	156.8466144
ENSMUSG00000026331	7.781970364	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000026333	43.15456293	77.9091313	50.84287544	83.7675979	87.37573953
ENSMUSG00000026335	6.367066661	2.086851731	7.061510478	4.02728836	4.297167518
ENSMUSG00000026336	8.489422215	7.651789682	7.767661525	4.02728836	4.297167518
ENSMUSG00000026339	21.22355554	63.99678643	49.43057334	38.66196826	40.82309142
ENSMUSG00000026341	89.84638511	91.82147618	85.44427678	186.8661799	153.2656415
ENSMUSG00000026342	8.489422215	8.347406925	7.061510478	13.69278043	16.47247549
ENSMUSG00000026347	19.80865184	32.69401046	38.83830763	19.33098413	20.05344842
ENSMUSG00000026349	142.1978221	168.339373	141.9363606	236.8045556	194.0887329
ENSMUSG00000026355	48.81417774	75.12666233	64.25974535	177.2006879	114.5911338
ENSMUSG00000026356	19.10119998	34.08524495	24.71528667	66.04752911	55.14698315
ENSMUSG00000026358	7.074518513	4.869320706	7.061510478	8.860034393	3.580972932
ENSMUSG00000026365	11.31922962	9.043024169	9.886114669	1.610915344	5.729556691
ENSMUSG00000026374	43.15456293	52.86691053	52.25517753	81.35122488	85.94335036
ENSMUSG00000026377	78.52715549	100.8645003	108.0411103	206.1971641	156.8466144
ENSMUSG00000026380	10.61177777	6.260555194	9.179963621	8.054576721	4.297167518
ENSMUSG00000026383	7.781970364	6.956172438	6.35535943	8.860034393	5.013362104
ENSMUSG00000026384	22.63845924	31.30277597	24.00913562	49.93837567	37.24211849
ENSMUSG00000026385	29.71297775	40.34580014	42.36906287	64.43661377	60.87653984
ENSMUSG00000026387	10.61177777	4.173703463	4.236906287	3.221830688	12.89150255
ENSMUSG00000026388	27.5906222	43.82388636	35.30755239	64.43661377	67.32229112
ENSMUSG00000026389	7.074518513	5.56493795	6.35535943	5.638203705	5.729556691
ENSMUSG00000026393	29.0055259	38.95456565	40.25060972	57.18749472	54.43078856
ENSMUSG00000026395	133.000948	178.0780144	127.8133396	226.3336059	166.157144
ENSMUSG00000026398	7.074518513	2.782468975	7.061510478	3.221830688	9.310529622
ENSMUSG00000026399	66.50047402	85.56092098	84.03197468	63.6311561	50.13362104
ENSMUSG00000026401	36.08004441	36.86771392	36.01370344	26.58010318	28.64778345
ENSMUSG00000026404	6.367066661	18.78166558	16.2414741	14.4982381	17.90486466
ENSMUSG00000026405	11.31922962	7.651789682	7.061510478	7.249119049	9.310529622
ENSMUSG00000026407	3.537259256	2.086851731	2.118453143	2.416373016	3.580972932
ENSMUSG00000026409	12.02668147	11.82549314	7.767661525	10.47094974	11.45911338
ENSMUSG00000026411	9.196874066	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000026413	7.781970364	3.478086219	6.35535943	7.249119049	7.87814045



ENSMUSG00000026414	11.31922962	5.56493795	11.29841676	4.832746033	4.297167518
ENSMUSG00000026415	9.196874066	5.56493795	11.29841676	9.665492065	8.594335036
ENSMUSG00000026416	7.074518513	4.869320706	5.649208382	8.860034393	7.87814045
ENSMUSG00000026417	9.196874066	7.651789682	7.767661525	7.249119049	6.445751277
ENSMUSG00000026418	7.074518513	7.651789682	6.35535943	8.860034393	6.445751277
ENSMUSG00000026420	16.27139258	6.956172438	4.943057334	6.443661377	7.87814045
ENSMUSG00000026421	7.781970364	13.21672763	7.767661525	5.638203705	9.310529622
ENSMUSG00000026425	19.80865184	31.99839321	36.01370344	99.07129367	81.64618284
ENSMUSG00000026426	67.91537772	90.43024169	91.09348516	75.71302118	72.33565322
ENSMUSG00000026427	22.63845924	43.12826911	36.01370344	39.46742593	37.95831308
ENSMUSG00000026430	9.196874066	3.478086219	12.00456781	8.860034393	10.02672421
ENSMUSG00000026433	13.44158517	21.56413456	19.06607829	16.10915344	19.33725383
ENSMUSG00000026434	90.55383696	97.38641413	91.79963621	207.8080794	162.5761711
ENSMUSG00000026435	0	0	0	0	0
ENSMUSG00000026436	67.91537772	94.60394515	81.20737049	140.9550926	123.9016634
ENSMUSG00000026437	9.196874066	4.173703463	6.35535943	6.443661377	6.445751277
ENSMUSG00000026439	101.8730666	169.0349902	136.2871522	167.5351958	148.968474
ENSMUSG00000026442	10.61177777	4.173703463	7.767661525	8.860034393	5.013362104
ENSMUSG00000026447	45.27691848	54.95376226	59.31668801	51.54929101	50.84981563
ENSMUSG00000026450	6.367066661	3.478086219	2.824604191	1.610915344	1.432389173
ENSMUSG00000026452	6.367066661	6.956172438	7.061510478	6.443661377	10.02672421
ENSMUSG00000026455	29.71297775	44.5195036	36.01370344	35.44013757	32.22875639
ENSMUSG00000026456	5.65961481	6.260555194	13.41686991	14.4982381	17.18867007
ENSMUSG00000026457	89.13893326	143.9927695	100.9795998	109.5422434	98.83485292
ENSMUSG00000026458	4.244711108	8.347406925	4.943057334	4.02728836	10.02672421
ENSMUSG00000026463	9.196874066	6.260555194	6.35535943	3.221830688	11.45911338
ENSMUSG00000026466	43.86201478	64.69240367	64.25974535	154.647873	146.8198902
ENSMUSG00000026468	7.074518513	7.651789682	7.061510478	5.638203705	5.729556691
ENSMUSG00000026469	51.64398514	63.30116918	70.61510478	57.18749472	47.2688427
ENSMUSG00000026470	55.88869625	57.04061399	51.54902649	64.43661377	52.2822048
ENSMUSG00000026471	9.196874066	22.2597518	26.12758877	16.91461111	14.32389173
ENSMUSG00000026473	0	0	0	0.805457672	0
ENSMUSG00000026478	14.14903703	26.43345526	16.94762515	46.71654498	35.09353473
ENSMUSG00000026479	12.02668147	4.173703463	6.35535943	4.832746033	5.013362104
ENSMUSG00000026480	12.02668147	5.56493795	9.179963621	8.054576721	7.161945863
ENSMUSG00000026482	26.1757185	57.04061399	48.01827125	88.60034393	80.92998826
ENSMUSG00000026483	5.65961481	4.869320706	9.886114669	10.47094974	12.89150255
ENSMUSG00000026484	52.35143699	72.34419335	55.07978173	83.7675979	82.36237743
ENSMUSG00000026489	26.1757185	47.30197258	45.19366706	27.38556085	21.48583759
ENSMUSG00000026490	7.074518513	9.043024169	4.236906287	1.610915344	5.013362104
ENSMUSG00000026491	39.61730367	58.43184848	45.19366706	202.9753334	136.793166
ENSMUSG00000026492	79.23460734	113.3856107	95.33039145	118.4022778	94.5376854
ENSMUSG00000026494	2.829807405	4.869320706	8.473812573	3.221830688	5.013362104

ENSMUSG00000026496	146.4425332	159.9919661	144.0548137	200.5589604	136.0769714
ENSMUSG00000026502	15.56394073	33.3896277	44.48751601	34.6346799	39.39070225
ENSMUSG00000026504	109.6550369	149.5577074	139.1117564	109.5422434	100.2672421
ENSMUSG00000026509	17.68629628	20.86851731	16.94762515	12.08186508	24.35061594
ENSMUSG00000026510	50.22908144	86.95215547	81.91352154	47.52200265	62.30892901
ENSMUSG00000026514	9.904325918	6.956172438	13.41686991	2.416373016	5.013362104
ENSMUSG00000026519	18.39374813	45.21512085	44.48751601	15.30369577	22.20203218
ENSMUSG00000026523	7.074518513	4.869320706	9.886114669	4.832746033	7.87814045
ENSMUSG00000026526	94.79854807	119.6461659	103.098053	106.3204127	110.2939663
ENSMUSG00000026546	5.65961481	9.738641413	7.767661525	8.860034393	5.013362104
ENSMUSG00000026547	37.49494812	43.12826911	35.30755239	115.1804471	94.5376854
ENSMUSG00000026553	173.3257036	206.5983214	194.8976892	227.1390635	190.50776
ENSMUSG00000026554	41.03220737	59.12746572	57.90438592	84.57305557	77.34901533
ENSMUSG00000026556	12.02668147	9.043024169	14.829172	7.249119049	12.17530797
ENSMUSG00000026558	16.27139258	29.91154148	33.89525029	87.79488626	73.76804239
ENSMUSG00000026560	13.44158517	9.043024169	12.71071886	4.832746033	7.87814045
ENSMUSG00000026563	24.05336294	32.69401046	24.00913562	50.74383334	50.13362104
ENSMUSG00000026565	33.95768886	41.73703463	40.95676077	79.74030954	63.0251236
ENSMUSG00000026566	4.952162959	7.651789682	10.59226572	8.860034393	2.864778345
ENSMUSG00000026567	10.61177777	11.82549314	4.943057334	8.860034393	6.445751277
ENSMUSG00000026571	20.51610369	52.86691053	45.8998181	37.05105292	40.10689684
ENSMUSG00000026572	7.074518513	5.56493795	10.59226572	6.443661377	4.297167518
ENSMUSG00000026576	36.08004441	29.21592424	32.4829482	14.4982381	12.89150255
ENSMUSG00000026577	27.5906222	42.43265187	40.25060972	49.93837567	48.70123187
ENSMUSG00000026580	12.02668147	6.956172438	6.35535943	10.47094974	5.013362104
ENSMUSG00000026581	73.57499253	86.25653823	79.08891735	62.02024075	55.14698315
ENSMUSG00000026584	44.56946663	67.47487265	57.19823487	74.9075635	45.12025894
ENSMUSG00000026585	8.489422215	11.82549314	7.767661525	1.610915344	6.445751277
ENSMUSG00000026586	7.781970364	6.260555194	9.886114669	6.443661377	2.864778345
ENSMUSG00000026587	12.73413332	13.21672763	8.473812573	6.443661377	7.87814045
ENSMUSG00000026589	5.65961481	9.043024169	5.649208382	4.832746033	6.445751277
ENSMUSG00000026592	7.781970364	5.56493795	7.061510478	9.665492065	9.310529622
ENSMUSG00000026594	181.1076739	209.3807904	170.8885536	199.7535027	149.6846685
ENSMUSG00000026596	89.84638511	124.5154866	110.1595635	115.9859048	88.80812871
ENSMUSG00000026600	29.71297775	63.99678643	55.07978173	47.52200265	52.99839939
ENSMUSG00000026601	4.244711108	10.43425866	7.061510478	8.860034393	6.445751277
ENSMUSG00000026603	7.074518513	9.043024169	6.35535943	33.02376456	25.78300511
ENSMUSG00000026604	24.05336294	24.34660353	20.47838039	11.27640741	11.45911338
ENSMUSG00000026605	68.62282957	56.34499675	62.1412922	53.96566403	46.55264811
ENSMUSG00000026608	99.75071103	128.6891901	127.8133396	89.4058016	80.21379367
ENSMUSG00000026610	5.65961481	3.478086219	5.649208382	6.443661377	5.013362104
ENSMUSG00000026611	53.05888884	84.86530374	62.1412922	60.40932541	59.44415067
ENSMUSG00000026615	47.39927403	89.73462445	72.73355792	187.6716376	161.8599765

ENSMUSG00000026616	129.4636888	158.6007316	129.2256417	63.6311561	56.57937232
ENSMUSG00000026617	33.95768886	62.60555194	51.54902649	41.88379895	34.37734014
ENSMUSG00000026618	14.85648888	29.91154148	33.18909925	34.6346799	35.80972932
ENSMUSG00000026620	7.074518513	4.173703463	9.179963621	8.054576721	6.445751277
ENSMUSG00000026621	8.489422215	5.56493795	5.649208382	10.47094974	5.013362104
ENSMUSG00000026622	17.68629628	33.3896277	25.42143772	57.18749472	47.2688427
ENSMUSG00000026623	87.72402956	114.081228	124.2825844	219.0844868	200.5344842
ENSMUSG00000026626	71.45263698	100.1688831	80.50121945	181.2279762	129.6312201
ENSMUSG00000026628	4.244711108	4.869320706	8.473812573	68.46390213	38.67450766
ENSMUSG00000026632	24.76081479	41.04141738	28.95219296	101.4876667	73.05184781
ENSMUSG00000026634	8.489422215	5.56493795	7.061510478	8.054576721	7.161945863
ENSMUSG00000026637	56.5961481	88.34338996	79.08891735	77.32393652	65.88990194
ENSMUSG00000026638	7.074518513	11.1298759	8.473812573	7.249119049	10.7429188
ENSMUSG00000026639	8.489422215	10.43425866	9.179963621	5.638203705	9.310529622
ENSMUSG00000026640	7.781970364	4.869320706	4.236906287	4.832746033	5.013362104
ENSMUSG00000026643	14.85648888	26.43345526	13.41686991	33.02376456	27.93158887
ENSMUSG00000026645	8.489422215	6.956172438	7.061510478	4.832746033	4.297167518
ENSMUSG00000026646	8.489422215	11.82549314	14.829172	34.6346799	29.36397804
ENSMUSG00000026648	41.03220737	61.9099347	58.61053696	37.85651059	52.99839939
ENSMUSG00000026649	4.244711108	4.173703463	4.943057334	7.249119049	5.013362104
ENSMUSG00000026650	13.44158517	35.47647943	15.53532305	12.88732275	19.33725383
ENSMUSG00000026655	11.31922962	9.738641413	7.061510478	8.860034393	10.7429188
ENSMUSG00000026656	120.9742666	159.9919661	128.5194907	111.1531587	83.7947666
ENSMUSG00000026657	12.73413332	6.260555194	9.886114669	8.054576721	9.310529622
ENSMUSG00000026659	29.71297775	57.04061399	52.25517753	84.57305557	91.67290705
ENSMUSG00000026662	20.51610369	38.25894841	24.00913562	71.68573282	49.41742646
ENSMUSG00000026667	64.37811846	96.69079689	81.91352154	140.9550926	116.7397176
ENSMUSG00000026668	8.489422215	4.173703463	9.886114669	9.665492065	7.87814045
ENSMUSG00000026669	21.22355554	13.91234488	24.00913562	70.88027514	50.84981563
ENSMUSG00000026670	29.71297775	45.91073809	47.3121202	70.88027514	58.72795608
ENSMUSG00000026672	7.074518513	20.86851731	9.179963621	24.96918783	17.18867007
ENSMUSG00000026675	7.074518513	9.043024169	13.41686991	33.02376456	27.21539428
ENSMUSG00000026678	4.952162959	3.478086219	8.473812573	4.832746033	4.297167518
ENSMUSG00000026683	63.67066661	65.38802092	60.02283906	132.9005159	85.22715578
ENSMUSG00000026686	8.489422215	10.43425866	7.061510478	10.47094974	2.148583759
ENSMUSG00000026687	3.537259256	7.651789682	7.061510478	5.638203705	8.594335036
ENSMUSG00000026691	8.489422215	12.52111039	7.767661525	3.221830688	9.310529622
ENSMUSG00000026692	21.93100739	18.78166558	16.94762515	18.52552646	12.89150255
ENSMUSG00000026694	19.10119998	42.43265187	27.53989086	58.79841006	53.71459398
ENSMUSG00000026696	29.0055259	50.08444155	49.43057334	40.2728836	45.12025894
ENSMUSG00000026697	7.781970364	8.347406925	9.886114669	4.832746033	7.161945863
ENSMUSG00000026701	29.71297775	43.12826911	39.54445867	62.02024075	61.59273443
ENSMUSG00000026705	30.4204296	51.47567604	39.54445867	55.57657937	47.98503729

ENSMUSG00000026707	41.03220737	86.25653823	64.25974535	68.46390213	53.71459398
ENSMUSG00000026708	70.74518513	64.69240367	56.49208382	101.4876667	88.09193412
ENSMUSG00000026709	38.20239997	51.47567604	45.19366706	95.04400531	58.72795608
ENSMUSG00000026715	7.074518513	10.43425866	7.767661525	6.443661377	10.02672421
ENSMUSG00000026718	78.52715549	117.5593142	100.2734488	80.54576721	68.0384857
ENSMUSG00000026721	16.27139258	25.73783802	20.47838039	144.1769233	99.5510475
ENSMUSG00000026723	24.76081479	36.86771392	37.42600553	34.6346799	25.78300511
ENSMUSG00000026725	13.44158517	6.260555194	7.767661525	4.832746033	5.729556691
ENSMUSG00000026726	10.61177777	7.651789682	7.061510478	4.832746033	5.729556691
ENSMUSG00000026727	9.904325918	30.60715873	17.65377619	20.94189947	20.05344842
ENSMUSG00000026729	12.02668147	24.34660353	16.2414741	12.08186508	14.32389173
ENSMUSG00000026730	7.074518513	4.869320706	11.29841676	8.054576721	6.445751277
ENSMUSG00000026737	70.74518513	90.43024169	89.68118307	78.93485187	66.60609653
ENSMUSG00000026739	15.56394073	22.95536904	18.35992724	29.80193387	32.22875639
ENSMUSG00000026740	25.46826665	44.5195036	32.4829482	33.02376456	42.25548059
ENSMUSG00000026743	4.952162959	4.869320706	5.649208382	4.832746033	6.445751277
ENSMUSG00000026748	9.904325918	6.260555194	3.530755239	4.832746033	6.445751277
ENSMUSG00000026749	5.65961481	5.56493795	8.473812573	24.96918783	24.35061594
ENSMUSG00000026751	10.61177777	2.782468975	3.530755239	8.054576721	3.580972932
ENSMUSG00000026754	29.71297775	50.7800588	46.60596915	48.32746033	46.55264811
ENSMUSG00000026755	67.91537772	115.4724625	105.9226572	266.6064895	167.5895332
ENSMUSG00000026761	81.3569629	123.1242521	112.2780166	186.8661799	139.6579443
ENSMUSG00000026764	3.537259256	6.260555194	6.35535943	4.832746033	5.013362104
ENSMUSG00000026765	5.65961481	7.651789682	9.886114669	4.02728836	5.013362104
ENSMUSG00000026766	38.90985182	66.08363816	62.1412922	85.37851324	75.20043157
ENSMUSG00000026767	56.5961481	86.25653823	84.73812573	119.2077355	98.11865833
ENSMUSG00000026768	9.904325918	7.651789682	4.943057334	4.02728836	5.729556691
ENSMUSG00000026771	57.30359995	82.77845201	81.91352154	86.18397091	80.92998826
ENSMUSG00000026773	47.39927403	52.86691053	46.60596915	38.66196826	32.22875639
ENSMUSG00000026774	10.61177777	9.043024169	7.061510478	5.638203705	7.161945863
ENSMUSG00000026778	6.367066661	4.869320706	6.35535943	12.08186508	10.02672421
ENSMUSG00000026781	9.196874066	12.52111039	10.59226572	36.24559524	24.35061594
ENSMUSG00000026782	9.196874066	9.738641413	4.943057334	11.27640741	2.864778345
ENSMUSG00000026784	21.22355554	36.17209668	43.78136496	86.18397091	68.75468029
ENSMUSG00000026785	9.904325918	18.08604834	10.59226572	15.30369577	13.60769714
ENSMUSG00000026786	34.66514071	61.21431745	48.7244223	83.7675979	80.92998826
ENSMUSG00000026788	57.30359995	102.9513521	94.6242404	69.2693598	78.7814045
ENSMUSG00000026790	29.0055259	48.69320706	40.95676077	49.132918	58.01176149
ENSMUSG00000026791	11.31922962	7.651789682	15.53532305	9.665492065	9.310529622
ENSMUSG00000026792	45.98437033	55.6493795	74.14586002	297.213881	194.0887329
ENSMUSG00000026796	6.367066661	15.99919661	10.59226572	8.054576721	15.7562809
ENSMUSG00000026797	7.781970364	8.347406925	8.473812573	6.443661377	8.594335036
ENSMUSG00000026798	16.97884443	38.95456565	30.36449505	84.57305557	58.72795608

ENSMUSG00000026799	35.37259256	72.34419335	51.54902649	55.57657937	43.68786977
ENSMUSG00000026803	54.47379255	63.99678643	61.43514116	73.29664816	70.90326405
ENSMUSG00000026805	4.952162959	3.478086219	10.59226572	4.832746033	8.594335036
ENSMUSG00000026806	87.72402956	117.5593142	93.21193831	217.4735715	178.332452
ENSMUSG00000026809	14.85648888	10.43425866	12.71071886	5.638203705	7.87814045
ENSMUSG00000026810	45.27691848	66.08363816	60.72899011	71.68573282	68.0384857
ENSMUSG00000026811	8.489422215	6.260555194	14.12302096	18.52552646	14.32389173
ENSMUSG00000026812	64.37811846	100.1688831	77.67661525	62.02024075	68.75468029
ENSMUSG00000026814	8.489422215	6.956172438	8.473812573	5.638203705	13.60769714
ENSMUSG00000026815	4.244711108	10.43425866	9.886114669	11.27640741	15.04008631
ENSMUSG00000026816	10.61177777	22.2597518	23.30298458	41.88379895	46.55264811
ENSMUSG00000026817	4.244711108	9.043024169	6.35535943	4.832746033	11.45911338
ENSMUSG00000026819	62.25576291	101.5601176	100.9795998	100.682209	84.51096119
ENSMUSG00000026821	19.80865184	22.95536904	20.47838039	12.08186508	16.47247549
ENSMUSG00000026822	6.367066661	4.173703463	7.061510478	10.47094974	5.013362104
ENSMUSG00000026824	10.61177777	6.956172438	5.649208382	7.249119049	4.297167518
ENSMUSG00000026825	7.781970364	8.347406925	7.767661525	7.249119049	8.594335036
ENSMUSG00000026826	8.489422215	5.56493795	9.886114669	10.47094974	7.87814045
ENSMUSG00000026827	16.27139258	37.56333116	26.83373982	25.77464551	31.5125618
ENSMUSG00000026828	4.952162959	10.43425866	7.061510478	3.221830688	7.161945863
ENSMUSG00000026831	11.31922962	16.69481385	16.94762515	15.30369577	14.32389173
ENSMUSG00000026832	94.09109622	101.5601176	102.3919019	141.7605503	101.6996313
ENSMUSG00000026833	7.074518513	6.260555194	6.35535943	6.443661377	9.310529622
ENSMUSG00000026834	9.196874066	6.956172438	6.35535943	3.221830688	6.445751277
ENSMUSG00000026835	2.829807405	6.956172438	4.943057334	7.249119049	5.013362104
ENSMUSG00000026836	10.61177777	4.173703463	3.530755239	8.054576721	8.594335036
ENSMUSG00000026837	4.952162959	3.478086219	9.886114669	5.638203705	5.013362104
ENSMUSG00000026839	6.367066661	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000026840	8.489422215	5.56493795	4.236906287	4.832746033	5.013362104
ENSMUSG00000026842	41.73965922	51.47567604	48.01827125	46.71654498	50.13362104
ENSMUSG00000026843	16.27139258	31.30277597	21.89068248	35.44013757	27.93158887
ENSMUSG00000026848	24.05336294	36.86771392	30.36449505	77.32393652	66.60609653
ENSMUSG00000026849	27.5906222	52.17129328	38.83830763	61.21478308	52.2822048
ENSMUSG00000026853	54.47379255	86.25653823	78.3827663	143.3714656	98.83485292
ENSMUSG00000026854	21.93100739	45.21512085	25.42143772	41.07834128	46.55264811
ENSMUSG00000026856	17.68629628	22.95536904	29.65834401	43.49471429	37.24211849
ENSMUSG00000026858	21.22355554	40.34580014	33.18909925	37.05105292	57.29556691
ENSMUSG00000026860	29.71297775	41.04141738	51.54902649	28.9964762	31.5125618
ENSMUSG00000026864	100.4581629	127.9935729	105.9226572	370.5105292	264.9919969
ENSMUSG00000026866	33.95768886	51.47567604	50.13672439	57.18749472	59.44415067
ENSMUSG00000026867	49.52162959	70.95295887	59.31668801	94.23854763	70.18706946
ENSMUSG00000026869	70.74518513	123.8198694	93.91808935	135.3168889	119.6044959
ENSMUSG00000026870	9.904325918	6.260555194	5.649208382	7.249119049	5.013362104

ENSMUSG00000026872	9.196874066	9.043024169	11.29841676	9.665492065	5.729556691
ENSMUSG00000026874	7.781970364	9.738641413	8.473812573	10.47094974	2.148583759
ENSMUSG00000026875	12.02668147	17.39043109	10.59226572	106.3204127	73.76804239
ENSMUSG00000026878	197.3790665	179.4692489	180.7746682	266.6064895	229.8984622
ENSMUSG00000026879	22.63845924	39.6501829	45.19366706	9.665492065	20.05344842
ENSMUSG00000026880	7.781970364	13.91234488	6.35535943	7.249119049	9.310529622
ENSMUSG00000026883	7.781970364	5.56493795	7.767661525	8.054576721	7.161945863
ENSMUSG00000026885	15.56394073	19.47728283	23.30298458	49.93837567	32.94495097
ENSMUSG00000026888	5.65961481	8.347406925	3.530755239	6.443661377	5.013362104
ENSMUSG00000026889	19.10119998	23.65098629	17.65377619	24.16373016	20.769643
ENSMUSG00000026890	9.196874066	9.738641413	3.530755239	4.02728836	7.87814045
ENSMUSG00000026896	3.537259256	6.260555194	5.649208382	67.65844446	50.84981563
ENSMUSG00000026904	10.61177777	6.260555194	8.473812573	6.443661377	7.87814045
ENSMUSG00000026914	116.7295555	157.9051143	133.462548	182.0334339	158.2790036
ENSMUSG00000026915	82.7718666	79.99598303	88.26888097	96.65492065	78.7814045
ENSMUSG00000026917	90.55383696	117.5593142	95.33039145	182.0334339	134.6445822
ENSMUSG00000026918	9.904325918	7.651789682	9.886114669	10.47094974	12.89150255
ENSMUSG00000026921	9.196874066	5.56493795	4.943057334	8.054576721	3.580972932
ENSMUSG00000026922	7.781970364	12.52111039	12.71071886	12.08186508	16.47247549
ENSMUSG00000026923	9.196874066	8.347406925	3.530755239	5.638203705	10.7429188
ENSMUSG00000026924	57.30359995	89.73462445	74.14586002	120.0131931	95.25387998
ENSMUSG00000026925	53.05888884	61.21431745	68.49665163	49.93837567	51.56601022
ENSMUSG00000026926	72.86754068	105.7338211	103.098053	194.9207566	126.0502472
ENSMUSG00000026927	73.57499253	109.2119073	105.2165061	174.7843148	164.7247549
ENSMUSG00000026928	10.61177777	6.956172438	6.35535943	5.638203705	4.297167518
ENSMUSG00000026930	22.63845924	25.04222078	26.12758877	19.33098413	25.78300511
ENSMUSG00000026931	4.952162959	2.086851731	2.118453143	3.221830688	7.161945863
ENSMUSG00000026932	7.074518513	5.56493795	7.061510478	6.443661377	6.445751277
ENSMUSG00000026933	24.76081479	50.08444155	34.60140134	62.02024075	58.01176149
ENSMUSG00000026934	6.367066661	6.260555194	7.061510478	4.02728836	8.594335036
ENSMUSG00000026937	5.65961481	2.782468975	7.767661525	0.805457672	5.729556691
ENSMUSG00000026938	8.489422215	5.56493795	5.649208382	4.02728836	5.013362104
ENSMUSG00000026939	5.65961481	7.651789682	7.767661525	5.638203705	13.60769714
ENSMUSG00000026941	11.31922962	13.21672763	7.767661525	15.30369577	17.18867007
ENSMUSG00000026942	138.6605628	173.2086937	149.7040221	258.5519127	180.4810358
ENSMUSG00000026943	7.781970364	3.478086219	7.061510478	5.638203705	8.594335036
ENSMUSG00000026944	9.904325918	15.30357936	17.65377619	9.665492065	9.310529622
ENSMUSG00000026950	9.196874066	4.173703463	7.767661525	6.443661377	7.161945863
ENSMUSG00000026955	31.12788146	25.73783802	22.59683353	45.91108731	34.37734014
ENSMUSG00000026956	8.489422215	14.60796212	21.18453143	13.69278043	24.35061594
ENSMUSG00000026958	16.27139258	29.91154148	21.18453143	15.30369577	23.63442135
ENSMUSG00000026959	9.904325918	5.56493795	9.179963621	4.832746033	10.02672421
ENSMUSG00000026965	61.54831106	75.12666233	67.08434954	102.2931244	90.95671247

ENSMUSG00000026970	9.196874066	7.651789682	4.943057334	5.638203705	3.580972932
ENSMUSG00000026971	6.367066661	7.651789682	5.649208382	5.638203705	6.445751277
ENSMUSG00000026972	63.67066661	89.73462445	68.49665163	74.10210583	78.7814045
ENSMUSG00000026974	23.34591109	29.21592424	31.0706461	111.9586164	88.09193412
ENSMUSG00000026975	38.20239997	58.43184848	55.78593277	61.21478308	55.14698315
ENSMUSG00000026976	9.196874066	6.956172438	3.530755239	8.054576721	5.013362104
ENSMUSG00000026977	203.0386813	223.2931353	201.9591997	264.1901164	200.5344842
ENSMUSG00000026979	8.489422215	11.1298759	7.767661525	8.054576721	5.729556691
ENSMUSG00000026980	14.85648888	21.56413456	18.35992724	41.88379895	48.70123187
ENSMUSG00000026981	3.537259256	7.651789682	7.767661525	8.054576721	10.7429188
ENSMUSG00000026983	7.781970364	7.651789682	5.649208382	7.249119049	5.013362104
ENSMUSG00000026986	5.65961481	8.347406925	4.943057334	7.249119049	8.594335036
ENSMUSG00000026987	89.13893326	111.298759	86.15042783	88.60034393	92.38910164
ENSMUSG00000026988	9.196874066	9.738641413	9.179963621	8.860034393	11.45911338
ENSMUSG00000026991	6.367066661	6.956172438	9.886114669	13.69278043	8.594335036
ENSMUSG00000026999	52.35143699	86.95215547	79.08891735	96.65492065	73.76804239
ENSMUSG00000027001	10.61177777	20.86851731	21.89068248	8.860034393	21.48583759
ENSMUSG00000027002	5.65961481	11.1298759	8.473812573	5.638203705	5.729556691
ENSMUSG00000027006	15.56394073	30.60715873	24.71528667	27.38556085	32.94495097
ENSMUSG00000027007	22.63845924	37.56333116	28.24604191	44.30017197	46.55264811
ENSMUSG00000027009	26.1757185	45.21512085	45.19366706	52.35474869	39.39070225
ENSMUSG00000027010	20.51610369	27.12907251	36.01370344	28.19101852	26.49919969
ENSMUSG00000027011	7.074518513	7.651789682	6.35535943	16.91461111	20.05344842
ENSMUSG00000027012	51.64398514	77.9091313	72.02740687	56.38203705	58.01176149
ENSMUSG00000027014	70.74518513	112.6899935	79.7950684	123.2350238	87.37573953
ENSMUSG00000027016	8.489422215	9.738641413	7.767661525	0.805457672	8.594335036
ENSMUSG00000027018	20.51610369	31.99839321	31.77679715	45.10562964	52.99839939
ENSMUSG00000027022	11.31922962	7.651789682	10.59226572	0.805457672	5.729556691
ENSMUSG00000027030	6.367066661	1.391234488	7.767661525	7.249119049	10.7429188
ENSMUSG00000027035	11.31922962	6.956172438	12.71071886	8.054576721	15.04008631
ENSMUSG00000027048	7.781970364	4.869320706	6.35535943	6.443661377	5.729556691
ENSMUSG00000027067	67.20792587	107.1250555	101.6857509	169.9515688	145.387501
ENSMUSG00000027070	9.904325918	8.347406925	2.118453143	6.443661377	6.445751277
ENSMUSG00000027071	74.98989623	102.2557348	88.97503202	153.8424154	123.9016634
ENSMUSG00000027072	10.61177777	8.347406925	10.59226572	8.860034393	7.161945863
ENSMUSG00000027074	16.27139258	20.17290007	9.179963621	137.7332619	77.34901533
ENSMUSG00000027075	8.489422215	13.21672763	14.12302096	8.860034393	11.45911338
ENSMUSG00000027076	25.46826665	42.43265187	31.0706461	100.682209	78.06520991
ENSMUSG00000027078	2.829807405	13.21672763	11.29841676	7.249119049	15.04008631
ENSMUSG00000027079	67.91537772	112.6899935	115.8087718	146.5932963	112.4425501
ENSMUSG00000027082	7.074518513	6.956172438	10.59226572	8.054576721	5.013362104
ENSMUSG00000027086	18.39374813	20.17290007	19.77222934	16.91461111	19.33725383
ENSMUSG00000027087	39.61730367	76.51789682	83.32582364	72.49119049	83.7947666

ENSMUSG00000027088	14.85648888	28.52030699	24.00913562	21.74735715	23.63442135
ENSMUSG00000027091	124.5115258	174.5999282	141.2302096	223.9172328	146.1036956
ENSMUSG00000027104	95.50599992	152.3401764	127.1071886	130.4841429	128.198831
ENSMUSG00000027108	19.10119998	35.47647943	29.65834401	41.88379895	40.10689684
ENSMUSG00000027109	30.4204296	50.08444155	44.48751601	102.2931244	89.52432329
ENSMUSG00000027111	14.85648888	16.69481385	22.59683353	9.665492065	16.47247549
ENSMUSG00000027115	41.03220737	33.3896277	31.77679715	90.21125927	63.74131818
ENSMUSG00000027122	48.81417774	70.95295887	45.19366706	102.2931244	71.61945863
ENSMUSG00000027130	9.904325918	16.69481385	16.94762515	16.10915344	16.47247549
ENSMUSG00000027157	4.952162959	1.391234488	2.824604191	2.416373016	2.864778345
ENSMUSG00000027160	12.73413332	21.56413456	12.71071886	23.35827249	22.91822676
ENSMUSG00000027163	21.93100739	56.34499675	53.66747963	24.16373016	30.79636721
ENSMUSG00000027165	0	0	0	0	0.716194586
ENSMUSG00000027166	17.68629628	25.04222078	28.95219296	19.33098413	20.769643
ENSMUSG00000027167	32.54278516	54.25814501	50.13672439	48.32746033	47.98503729
ENSMUSG00000027168	6.367066661	4.869320706	5.649208382	3.221830688	3.580972932
ENSMUSG00000027170	65.79302217	116.863697	92.50578726	173.9788572	126.7664418
ENSMUSG00000027171	4.952162959	7.651789682	4.943057334	4.02728836	5.013362104
ENSMUSG00000027175	2.122355554	9.738641413	2.118453143	2.416373016	7.161945863
ENSMUSG00000027177	17.68629628	41.04141738	29.65834401	83.7675979	73.76804239
ENSMUSG00000027180	56.5961481	67.47487265	64.25974535	36.24559524	56.57937232
ENSMUSG00000027184	21.93100739	31.30277597	30.36449505	145.7878386	100.9834367
ENSMUSG00000027185	17.68629628	29.91154148	31.0706461	98.265836	83.7947666
ENSMUSG00000027186	9.904325918	3.478086219	9.886114669	8.054576721	10.02672421
ENSMUSG00000027187	84.89422215	100.8645003	100.2734488	65.24207144	79.49759908
ENSMUSG00000027189	11.31922962	9.043024169	7.061510478	4.02728836	8.594335036
ENSMUSG00000027193	81.3569629	118.2549314	107.3349593	184.4498069	137.5093606
ENSMUSG00000027194	54.47379255	92.51709342	96.0365425	78.12939419	75.20043157
ENSMUSG00000027195	41.73965922	63.99678643	60.72899011	96.65492065	103.1320204
ENSMUSG00000027198	20.51610369	37.56333116	35.30755239	24.16373016	30.08017263
ENSMUSG00000027199	7.781970364	6.260555194	8.473812573	10.47094974	5.013362104
ENSMUSG00000027200	12.73413332	3.478086219	4.943057334	2.416373016	5.729556691
ENSMUSG00000027201	101.1656147	132.8628936	102.3919019	175.5897725	127.4826364
ENSMUSG00000027202	9.904325918	5.56493795	7.767661525	7.249119049	4.297167518
ENSMUSG00000027203	24.05336294	36.86771392	31.0706461	104.7094974	96.68626916
ENSMUSG00000027204	8.489422215	4.173703463	12.00456781	4.832746033	7.161945863
ENSMUSG00000027206	58.0110518	107.1250555	79.08891735	153.0369577	140.3741389
ENSMUSG00000027207	66.50047402	85.56092098	88.26888097	153.0369577	136.0769714
ENSMUSG00000027208	11.31922962	8.347406925	12.71071886	5.638203705	5.729556691
ENSMUSG00000027209	12.73413332	13.91234488	13.41686991	21.74735715	17.90486466
ENSMUSG00000027210	3.537259256	3.478086219	4.236906287	0.805457672	1.432389173
ENSMUSG00000027215	29.0055259	53.56252777	57.19823487	66.85298678	55.14698315
ENSMUSG00000027217	8.489422215	7.651789682	4.236906287	4.832746033	7.87814045



ENSMUSG00000027219	2.122355554	1.391234488	2.118453143	1.610915344	0.716194586
ENSMUSG00000027222	20.51610369	28.52030699	35.30755239	56.38203705	52.2822048
ENSMUSG00000027223	7.074518513	5.56493795	9.179963621	8.860034393	10.7429188
ENSMUSG00000027224	7.074518513	7.651789682	5.649208382	4.02728836	4.297167518
ENSMUSG00000027238	7.074518513	3.478086219	7.061510478	4.832746033	6.445751277
ENSMUSG00000027239	7.781970364	5.56493795	6.35535943	8.860034393	8.594335036
ENSMUSG00000027242	154.2245036	187.8166558	168.0639494	210.2244524	167.5895332
ENSMUSG00000027244	76.40479994	114.081228	97.44884459	66.85298678	83.07857202
ENSMUSG00000027245	33.25023701	44.5195036	34.60140134	60.40932541	45.12025894
ENSMUSG00000027246	12.02668147	9.738641413	8.473812573	19.33098413	7.87814045
ENSMUSG00000027247	59.42595551	106.4294383	106.6288082	107.9313281	118.1721067
ENSMUSG00000027248	60.13340736	107.1250555	100.2734488	268.2174048	197.6697058
ENSMUSG00000027249	8.489422215	8.347406925	6.35535943	6.443661377	6.445751277
ENSMUSG00000027253	2.829807405	4.173703463	8.473812573	4.832746033	7.87814045
ENSMUSG00000027254	9.904325918	7.651789682	7.767661525	3.221830688	5.013362104
ENSMUSG00000027255	41.73965922	57.04061399	46.60596915	105.514955	77.34901533
ENSMUSG00000027257	6.367066661	5.56493795	9.886114669	6.443661377	12.89150255
ENSMUSG00000027259	65.08557032	105.7338211	90.38733411	121.6241085	92.38910164
ENSMUSG00000027263	63.67066661	84.86530374	97.44884459	107.1258704	86.65954495
ENSMUSG00000027270	12.02668147	2.782468975	9.886114669	5.638203705	10.7429188
ENSMUSG00000027273	12.73413332	6.956172438	6.35535943	2.416373016	6.445751277
ENSMUSG00000027274	36.08004441	66.08363816	49.43057334	68.46390213	64.45751277
ENSMUSG00000027281	31.12788146	61.9099347	62.84744325	69.2693598	61.59273443
ENSMUSG00000027282	34.66514071	66.08363816	67.79050059	79.74030954	78.06520991
ENSMUSG00000027284	26.1757185	30.60715873	31.0706461	45.91108731	51.56601022
ENSMUSG00000027285	50.22908144	61.9099347	51.54902649	97.46037832	85.22715578
ENSMUSG00000027286	43.86201478	65.38802092	60.72899011	94.23854763	81.64618284
ENSMUSG00000027287	55.88869625	100.8645003	85.44427678	82.96214023	73.76804239
ENSMUSG00000027288	77.81970364	122.4286349	98.15499564	157.0642461	152.5494469
ENSMUSG00000027291	48.10672589	86.25653823	68.49665163	74.10210583	63.74131818
ENSMUSG00000027293	26.88317035	34.78086219	43.07521391	37.85651059	39.39070225
ENSMUSG00000027297	4.952162959	12.52111039	11.29841676	7.249119049	11.45911338
ENSMUSG00000027298	9.196874066	6.260555194	4.236906287	8.860034393	9.310529622
ENSMUSG00000027303	71.45263698	91.82147618	89.68118307	76.51847885	66.60609653
ENSMUSG00000027306	59.42595551	56.34499675	60.02283906	102.2931244	70.18706946
ENSMUSG00000027309	0.707451851	0.695617244	0.706151048	0	0
ENSMUSG00000027312	35.37259256	67.47487265	78.3827663	56.38203705	65.17370736
ENSMUSG00000027315	7.781970364	9.043024169	7.767661525	4.832746033	5.013362104
ENSMUSG00000027318	9.904325918	8.347406925	5.649208382	2.416373016	5.013362104
ENSMUSG00000027322	8.489422215	6.956172438	8.473812573	4.02728836	7.87814045
ENSMUSG00000027323	32.54278516	32.69401046	36.71985448	117.5968201	88.80812871
ENSMUSG00000027326	54.47379255	56.34499675	73.43970897	78.93485187	72.33565322
ENSMUSG00000027327	9.196874066	21.56413456	19.06607829	13.69278043	15.7562809

ENSMUSG00000027330	49.52162959	61.9099347	46.60596915	43.49471429	45.12025894
ENSMUSG00000027331	14.85648888	13.21672763	15.53532305	14.4982381	25.06681052
ENSMUSG00000027332	29.0055259	38.25894841	29.65834401	16.91461111	20.05344842
ENSMUSG00000027333	5.65961481	3.478086219	5.649208382	5.638203705	4.297167518
ENSMUSG00000027338	4.244711108	4.869320706	7.767661525	8.860034393	4.297167518
ENSMUSG00000027339	72.86754068	84.86530374	63.5535943	149.0096693	105.9967988
ENSMUSG00000027340	31.83533331	53.56252777	36.71985448	50.74383334	53.71459398
ENSMUSG00000027341	9.196874066	30.60715873	36.01370344	63.6311561	59.44415067
ENSMUSG00000027342	45.98437033	94.60394515	64.25974535	193.3098413	150.4008631
ENSMUSG00000027344	12.02668147	14.60796212	19.77222934	9.665492065	11.45911338
ENSMUSG00000027346	8.489422215	9.043024169	9.179963621	3.221830688	9.310529622
ENSMUSG00000027347	65.08557032	87.64777272	101.6857509	71.68573282	60.87653984
ENSMUSG00000027351	12.73413332	18.78166558	22.59683353	29.80193387	31.5125618
ENSMUSG00000027353	45.98437033	60.51870021	52.25517753	129.6786852	89.52432329
ENSMUSG00000027355	7.074518513	3.478086219	9.886114669	9.665492065	8.594335036
ENSMUSG00000027357	30.4204296	44.5195036	29.65834401	56.38203705	43.68786977
ENSMUSG00000027359	12.73413332	6.260555194	6.35535943	9.665492065	6.445751277
ENSMUSG00000027361	126.6338814	164.8612868	178.6562151	264.1901164	252.816689
ENSMUSG00000027363	58.71850365	75.82227957	52.25517753	83.7675979	87.37573953
ENSMUSG00000027364	7.781970364	7.651789682	7.061510478	8.054576721	4.297167518
ENSMUSG00000027365	48.81417774	68.86610713	55.07978173	109.5422434	93.82149081
ENSMUSG00000027366	38.20239997	57.04061399	50.13672439	69.2693598	65.88990194
ENSMUSG00000027367	44.56946663	76.51789682	69.90895373	127.2623122	123.1854689
ENSMUSG00000027371	16.97884443	31.99839321	21.18453143	20.94189947	20.769643
ENSMUSG00000027374	50.93653329	61.21431745	72.73355792	72.49119049	65.88990194
ENSMUSG00000027375	5.65961481	7.651789682	9.179963621	5.638203705	5.729556691
ENSMUSG00000027376	8.489422215	6.260555194	7.061510478	5.638203705	5.013362104
ENSMUSG00000027378	5.65961481	9.043024169	9.886114669	7.249119049	10.7429188
ENSMUSG00000027379	31.12788146	38.25894841	28.95219296	68.46390213	58.01176149
ENSMUSG00000027380	7.074518513	6.260555194	7.767661525	7.249119049	2.148583759
ENSMUSG00000027381	7.781970364	15.99919661	17.65377619	42.68925662	37.95831308
ENSMUSG00000027387	10.61177777	15.30357936	16.94762515	30.60739154	27.21539428
ENSMUSG00000027394	12.73413332	12.52111039	15.53532305	9.665492065	13.60769714
ENSMUSG00000027395	32.54278516	43.82388636	46.60596915	103.098582	75.20043157
ENSMUSG00000027397	17.68629628	25.73783802	32.4829482	59.60386773	42.25548059
ENSMUSG00000027398	8.489422215	5.56493795	7.767661525	8.860034393	12.89150255
ENSMUSG00000027400	7.781970364	4.173703463	5.649208382	4.832746033	5.013362104
ENSMUSG00000027403	4.952162959	9.043024169	5.649208382	7.249119049	6.445751277
ENSMUSG00000027404	59.42595551	76.51789682	67.79050059	242.4427593	167.5895332
ENSMUSG00000027405	7.781970364	18.08604834	7.061510478	14.4982381	11.45911338
ENSMUSG00000027406	24.05336294	43.82388636	40.95676077	124.0404815	86.65954495
ENSMUSG00000027411	68.62282957	92.51709342	74.85201106	152.2315	129.6312201
ENSMUSG00000027412	7.074518513	6.956172438	17.65377619	5.638203705	9.310529622

ENSMUSG00000027420	7.074518513	9.043024169	7.767661525	7.249119049	10.02672421
ENSMUSG00000027422	21.22355554	40.34580014	36.01370344	102.2931244	89.52432329
ENSMUSG00000027423	103.2879703	117.5593142	104.5103551	341.514053	258.5462457
ENSMUSG00000027424	89.84638511	134.254128	131.3440949	343.930426	248.5195215
ENSMUSG00000027425	0	0	0	0	0
ENSMUSG00000027427	51.64398514	63.99678643	57.19823487	78.93485187	58.72795608
ENSMUSG00000027429	41.03220737	77.21351406	60.02283906	91.01671695	65.17370736
ENSMUSG00000027430	12.73413332	13.21672763	11.29841676	16.10915344	17.18867007
ENSMUSG00000027434	7.781970364	5.56493795	7.061510478	3.221830688	2.864778345
ENSMUSG00000027438	6.367066661	6.260555194	6.35535943	3.221830688	6.445751277
ENSMUSG00000027442	7.074518513	4.869320706	12.00456781	8.054576721	7.87814045
ENSMUSG00000027443	6.367066661	3.478086219	9.179963621	10.47094974	12.17530797
ENSMUSG00000027452	22.63845924	37.56333116	31.0706461	9.665492065	15.04008631
ENSMUSG00000027454	14.85648888	14.60796212	16.2414741	39.46742593	29.36397804
ENSMUSG00000027455	44.56946663	78.60474855	71.32125582	128.8732275	95.25387998
ENSMUSG00000027457	8.489422215	8.347406925	9.886114669	2.416373016	8.594335036
ENSMUSG00000027459	46.69182218	35.47647943	42.36906287	22.55281482	27.21539428
ENSMUSG00000027463	9.196874066	12.52111039	3.530755239	8.860034393	8.594335036
ENSMUSG00000027465	92.67619252	143.2971522	125.6948865	121.6241085	108.1453825
ENSMUSG00000027466	61.54831106	89.73462445	84.03197468	124.8459392	101.6996313
ENSMUSG00000027469	79.23460734	69.56172438	72.73355792	181.2279762	124.617858
ENSMUSG00000027472	45.98437033	56.34499675	60.02283906	91.82217462	88.09193412
ENSMUSG00000027474	9.196874066	12.52111039	10.59226572	14.4982381	9.310529622
ENSMUSG00000027478	2.122355554	15.30357936	10.59226572	10.47094974	17.18867007
ENSMUSG00000027479	119.5593629	146.7752384	155.3532305	183.6443492	156.1304198
ENSMUSG00000027480	6.367066661	6.956172438	7.767661525	11.27640741	10.7429188
ENSMUSG00000027482	12.73413332	4.173703463	9.886114669	8.860034393	2.864778345
ENSMUSG00000027485	8.489422215	6.260555194	5.649208382	9.665492065	7.87814045
ENSMUSG00000027487	14.85648888	15.99919661	21.18453143	14.4982381	16.47247549
ENSMUSG00000027488	10.61177777	4.869320706	7.061510478	8.054576721	7.87814045
ENSMUSG00000027489	10.61177777	8.347406925	11.29841676	10.47094974	6.445751277
ENSMUSG00000027490	12.73413332	11.82549314	24.00913562	66.04752911	50.13362104
ENSMUSG00000027496	117.4370073	129.3848073	128.5194907	272.2446932	172.6028953
ENSMUSG00000027498	114.6071999	121.0374004	131.3440949	254.5246244	188.3591762
ENSMUSG00000027499	12.02668147	11.1298759	10.59226572	4.02728836	6.445751277
ENSMUSG00000027500	9.904325918	4.869320706	9.886114669	3.221830688	5.729556691
ENSMUSG00000027502	147.1499851	158.6007316	163.8270431	154.647873	136.0769714
ENSMUSG00000027506	38.90985182	72.34419335	56.49208382	47.52200265	50.84981563
ENSMUSG00000027508	131.5860443	176.6867799	167.3577983	111.9586164	105.2806042
ENSMUSG00000027509	80.64951104	106.4294383	107.3349593	178.0061455	150.4008631
ENSMUSG00000027510	55.1812444	82.08283477	62.1412922	74.10210583	52.2822048
ENSMUSG00000027513	12.02668147	3.478086219	2.824604191	10.47094974	12.89150255
ENSMUSG00000027514	18.39374813	29.21592424	26.12758877	138.5387196	76.63282074

ENSMUSG00000027517	6.367066661	8.347406925	7.767661525	8.054576721	7.161945863
ENSMUSG00000027519	55.1812444	102.9513521	88.97503202	84.57305557	86.65954495
ENSMUSG00000027520	5.65961481	6.260555194	12.71071886	4.832746033	8.594335036
ENSMUSG00000027522	29.71297775	39.6501829	38.13215658	82.96214023	79.49759908
ENSMUSG00000027523	6.367066661	7.651789682	6.35535943	14.4982381	11.45911338
ENSMUSG00000027525	5.65961481	6.260555194	7.767661525	3.221830688	5.729556691
ENSMUSG00000027528	12.73413332	6.260555194	7.061510478	7.249119049	6.445751277
ENSMUSG00000027530	8.489422215	9.738641413	9.886114669	4.02728836	10.7429188
ENSMUSG00000027531	36.08004441	53.56252777	58.61053696	68.46390213	45.83645353
ENSMUSG00000027533	9.196874066	6.260555194	7.767661525	27.38556085	16.47247549
ENSMUSG00000027534	4.952162959	10.43425866	10.59226572	13.69278043	12.89150255
ENSMUSG00000027540	162.7139258	181.5561006	157.4716837	240.0263863	201.9668733
ENSMUSG00000027544	5.65961481	6.260555194	7.061510478	5.638203705	7.161945863
ENSMUSG00000027546	4.244711108	2.782468975	4.236906287	5.638203705	5.729556691
ENSMUSG00000027547	2.829807405	4.869320706	7.767661525	4.02728836	4.297167518
ENSMUSG00000027550	14.14903703	19.47728283	15.53532305	25.77464551	27.21539428
ENSMUSG00000027551	21.93100739	50.7800588	50.13672439	72.49119049	56.57937232
ENSMUSG00000027552	12.02668147	23.65098629	21.18453143	39.46742593	39.39070225
ENSMUSG00000027556	8.489422215	8.347406925	7.767661525	5.638203705	5.729556691
ENSMUSG00000027562	7.781970364	7.651789682	10.59226572	10.47094974	10.02672421
ENSMUSG00000027566	70.03773327	96.69079689	103.098053	239.2209286	180.4810358
ENSMUSG00000027569	19.80865184	24.34660353	27.53989086	43.49471429	35.09353473
ENSMUSG00000027570	6.367066661	7.651789682	9.179963621	5.638203705	9.310529622
ENSMUSG00000027573	139.3680147	210.7720249	170.8885536	279.4938122	216.2907651
ENSMUSG00000027574	6.367066661	7.651789682	5.649208382	4.02728836	12.17530797
ENSMUSG00000027575	74.98989623	120.3417832	102.3919019	136.1223466	120.3206905
ENSMUSG00000027577	7.781970364	4.869320706	5.649208382	4.832746033	5.729556691
ENSMUSG00000027580	205.1610369	201.0333835	189.9546318	318.1557805	196.9535112
ENSMUSG00000027581	10.61177777	10.43425866	9.179963621	8.860034393	12.17530797
ENSMUSG00000027582	70.74518513	112.6899935	83.32582364	194.9207566	163.2923657
ENSMUSG00000027583	4.244711108	3.478086219	7.767661525	12.08186508	12.17530797
ENSMUSG00000027584	11.31922962	6.260555194	8.473812573	4.02728836	7.161945863
ENSMUSG00000027589	52.35143699	88.34338996	60.72899011	33.02376456	35.09353473
ENSMUSG00000027593	0	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000027596	10.61177777	19.47728283	16.94762515	27.38556085	21.48583759
ENSMUSG00000027597	43.86201478	68.86610713	54.37363068	120.0131931	95.25387998
ENSMUSG00000027598	48.81417774	69.56172438	64.25974535	98.265836	90.95671247
ENSMUSG00000027601	13.44158517	25.73783802	18.35992724	23.35827249	23.63442135
ENSMUSG00000027603	9.196874066	10.43425866	9.886114669	17.72006879	7.87814045
ENSMUSG00000027605	12.02668147	11.1298759	12.00456781	10.47094974	5.729556691
ENSMUSG00000027606	8.489422215	7.651789682	10.59226572	7.249119049	12.17530797
ENSMUSG00000027610	3.537259256	4.869320706	4.236906287	8.860034393	7.87814045
ENSMUSG00000027611	12.02668147	8.347406925	7.767661525	6.443661377	10.02672421

ENSMUSG00000027613	30.4204296	43.82388636	43.78136496	128.8732275	83.7947666
ENSMUSG00000027615	80.64951104	98.08203137	72.73355792	120.8186508	81.64618284
ENSMUSG00000027618	36.08004441	51.47567604	45.8998181	85.37851324	77.34901533
ENSMUSG00000027620	123.804074	178.0780144	144.7609648	314.1284921	227.7498785
ENSMUSG00000027624	9.196874066	5.56493795	2.824604191	9.665492065	3.580972932
ENSMUSG00000027628	56.5961481	100.8645003	78.3827663	144.982381	124.617858
ENSMUSG00000027630	85.601674	123.1242521	102.3919019	184.4498069	135.3607768
ENSMUSG00000027634	19.80865184	48.69320706	42.36906287	26.58010318	20.769643
ENSMUSG00000027635	9.196874066	18.08604834	9.886114669	35.44013757	18.62105924
ENSMUSG00000027636	8.489422215	6.956172438	7.061510478	4.832746033	11.45911338
ENSMUSG00000027639	87.72402956	103.6469693	80.50121945	174.7843148	113.1587446
ENSMUSG00000027641	36.78749627	49.38882431	43.07521391	94.23854763	63.74131818
ENSMUSG00000027642	43.86201478	68.17048989	50.13672439	153.0369577	113.8749392
ENSMUSG00000027646	4.952162959	7.651789682	9.179963621	4.02728836	10.02672421
ENSMUSG00000027649	47.39927403	84.1696865	67.08434954	54.7711217	61.59273443
ENSMUSG00000027650	115.3146518	182.9473351	134.1686991	178.0061455	159.7113928
ENSMUSG00000027651	117.4370073	169.0349902	161.0024389	186.8661799	179.7648412
ENSMUSG00000027652	68.62282957	91.12585893	97.44884459	79.74030954	68.75468029
ENSMUSG00000027655	30.4204296	54.95376226	40.25060972	42.68925662	54.43078856
ENSMUSG00000027660	26.1757185	41.73703463	42.36906287	132.9005159	111.0101609
ENSMUSG00000027663	19.10119998	24.34660353	17.65377619	50.74383334	30.08017263
ENSMUSG00000027665	122.3891703	140.5146832	125.6948865	169.9515688	144.6713064
ENSMUSG00000027668	17.68629628	24.34660353	25.42143772	24.16373016	22.91822676
ENSMUSG00000027669	5.65961481	2.782468975	4.236906287	16.10915344	10.7429188
ENSMUSG00000027671	32.54278516	50.08444155	47.3121202	106.3204127	82.36237743
ENSMUSG00000027673	53.05888884	75.12666233	64.96589639	131.2896006	121.7530797
ENSMUSG00000027674	4.952162959	10.43425866	9.886114669	3.221830688	7.87814045
ENSMUSG00000027676	9.904325918	8.347406925	7.767661525	2.416373016	6.445751277
ENSMUSG00000027677	46.69182218	82.77845201	65.67204744	135.3168889	98.83485292
ENSMUSG00000027678	132.2934962	164.1656695	130.6379438	343.930426	242.7899648
ENSMUSG00000027679	15.56394073	40.34580014	19.77222934	27.38556085	31.5125618
ENSMUSG00000027680	102.5805184	138.4278315	124.9887355	189.2825529	155.4142252
ENSMUSG00000027684	10.61177777	9.043024169	9.886114669	3.221830688	5.013362104
ENSMUSG00000027690	6.367066661	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG00000027692	4.952162959	9.738641413	14.829172	15.30369577	10.02672421
ENSMUSG00000027695	8.489422215	5.56493795	6.35535943	6.443661377	5.013362104
ENSMUSG00000027698	12.73413332	29.91154148	16.94762515	19.33098413	25.06681052
ENSMUSG00000027699	43.86201478	49.38882431	40.25060972	112.7640741	68.75468029
ENSMUSG00000027703	7.074518513	7.651789682	5.649208382	5.638203705	5.013362104
ENSMUSG00000027708	45.98437033	61.21431745	63.5535943	56.38203705	47.98503729
ENSMUSG00000027710	48.81417774	82.77845201	56.49208382	110.3477011	99.5510475
ENSMUSG00000027712	1.414903703	0	0	0	0
ENSMUSG00000027714	16.97884443	21.56413456	21.89068248	54.7711217	40.82309142

ENSMUSG00000027716	9.904325918	4.173703463	7.061510478	4.02728836	7.161945863
ENSMUSG00000027719	7.781970364	5.56493795	9.886114669	6.443661377	4.297167518
ENSMUSG00000027722	23.34591109	48.69320706	33.18909925	129.6786852	113.8749392
ENSMUSG00000027737	9.196874066	8.347406925	9.179963621	3.221830688	4.297167518
ENSMUSG00000027742	16.97884443	35.47647943	31.77679715	14.4982381	30.08017263
ENSMUSG00000027746	42.44711108	82.08283477	81.91352154	93.43308996	71.61945863
ENSMUSG00000027748	2.829807405	4.869320706	6.35535943	4.02728836	7.161945863
ENSMUSG00000027750	4.244711108	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG00000027751	1.414903703	5.56493795	5.649208382	5.638203705	5.013362104
ENSMUSG00000027752	42.44711108	71.64857611	67.08434954	140.9550926	103.1320204
ENSMUSG00000027763	188.1821924	258.0739974	211.8453143	354.4013757	276.4511103
ENSMUSG00000027774	29.71297775	45.21512085	50.13672439	79.74030954	93.10529622
ENSMUSG00000027776	30.4204296	29.21592424	27.53989086	30.60739154	24.35061594
ENSMUSG00000027778	55.1812444	77.21351406	71.32125582	238.4154709	183.3458141
ENSMUSG00000027782	108.9475851	139.819066	105.2165061	190.0880106	151.1170577
ENSMUSG00000027784	16.97884443	38.25894841	27.53989086	37.85651059	43.68786977
ENSMUSG00000027787	67.20792587	104.3425866	96.74269354	207.0026217	165.4409494
ENSMUSG00000027790	8.489422215	7.651789682	2.824604191	2.416373016	6.445751277
ENSMUSG00000027792	9.904325918	2.086851731	9.179963621	4.832746033	7.87814045
ENSMUSG00000027797	7.781970364	9.043024169	6.35535943	2.416373016	7.87814045
ENSMUSG00000027799	9.904325918	4.869320706	6.35535943	2.416373016	7.87814045
ENSMUSG00000027800	7.074518513	6.956172438	7.767661525	7.249119049	9.310529622
ENSMUSG00000027803	5.65961481	6.260555194	7.061510478	2.416373016	4.297167518
ENSMUSG00000027804	35.37259256	65.38802092	50.13672439	157.8697037	147.5360848
ENSMUSG00000027805	9.904325918	7.651789682	8.473812573	6.443661377	7.161945863
ENSMUSG00000027809	24.05336294	36.17209668	27.53989086	39.46742593	30.79636721
ENSMUSG00000027810	214.3579109	235.8142456	206.902257	392.2578863	282.8968616
ENSMUSG00000027820	5.65961481	6.260555194	7.767661525	6.443661377	5.013362104
ENSMUSG00000027822	28.29807405	47.30197258	34.60140134	58.79841006	65.88990194
ENSMUSG00000027827	10.61177777	4.869320706	4.236906287	8.054576721	5.013362104
ENSMUSG00000027828	57.30359995	89.0390072	76.26431316	169.1461111	124.617858
ENSMUSG00000027829	81.3569629	95.99517964	93.91808935	260.9682858	180.4810358
ENSMUSG00000027833	5.65961481	10.43425866	8.473812573	4.832746033	6.445751277
ENSMUSG00000027834	91.96874066	131.4716591	122.8702823	134.5114312	96.68626916
ENSMUSG00000027835	122.3891703	181.5561006	146.1732669	181.2279762	145.387501
ENSMUSG00000027843	29.0055259	45.91073809	26.83373982	74.9075635	76.63282074
ENSMUSG00000027845	53.7663407	70.25734162	66.37819849	93.43308996	80.92998826
ENSMUSG00000027848	11.31922962	19.47728283	15.53532305	5.638203705	12.17530797
ENSMUSG00000027849	7.781970364	5.56493795	7.767661525	1.610915344	10.02672421
ENSMUSG00000027852	29.0055259	48.69320706	53.66747963	62.02024075	47.2688427
ENSMUSG00000027854	40.32475552	68.86610713	39.54445867	59.60386773	52.99839939
ENSMUSG00000027855	7.074518513	6.956172438	6.35535943	7.249119049	6.445751277
ENSMUSG00000027857	5.65961481	9.043024169	8.473812573	6.443661377	8.594335036

ENSMUSG00000027858	25.46826665	28.52030699	33.89525029	16.91461111	26.49919969
ENSMUSG00000027859	9.904325918	8.347406925	6.35535943	3.221830688	5.729556691
ENSMUSG00000027860	9.904325918	6.260555194	6.35535943	5.638203705	6.445751277
ENSMUSG00000027861	8.489422215	3.478086219	9.179963621	6.443661377	6.445751277
ENSMUSG00000027865	60.84085921	95.99517964	86.85657888	111.9586164	109.5777717
ENSMUSG00000027867	9.196874066	9.738641413	10.59226572	8.054576721	7.161945863
ENSMUSG00000027868	7.074518513	8.347406925	5.649208382	0	3.580972932
ENSMUSG00000027869	12.73413332	11.82549314	9.886114669	5.638203705	9.310529622
ENSMUSG00000027871	9.904325918	6.260555194	10.59226572	7.249119049	5.013362104
ENSMUSG00000027875	7.781970364	6.956172438	6.35535943	7.249119049	3.580972932
ENSMUSG00000027878	141.4903703	166.9481385	163.120892	149.0096693	122.4692743
ENSMUSG00000027881	67.20792587	104.3425866	76.97046421	291.5756773	191.2239546
ENSMUSG00000027882	88.43148141	131.4716591	98.15499564	97.46037832	71.61945863
ENSMUSG00000027883	19.80865184	13.21672763	17.65377619	13.69278043	11.45911338
ENSMUSG00000027884	29.71297775	45.91073809	34.60140134	47.52200265	47.2688427
ENSMUSG00000027887	4.244711108	4.173703463	8.473812573	4.02728836	5.013362104
ENSMUSG00000027889	21.22355554	23.65098629	38.13215658	76.51847885	52.99839939
ENSMUSG00000027890	7.781970364	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000027893	45.98437033	68.86610713	64.96589639	115.9859048	79.49759908
ENSMUSG00000027894	11.31922962	3.478086219	6.35535943	4.832746033	5.729556691
ENSMUSG00000027896	8.489422215	4.173703463	8.473812573	5.638203705	5.013362104
ENSMUSG00000027900	133.000948	186.4254213	144.0548137	142.566008	141.0903335
ENSMUSG00000027901	11.31922962	22.95536904	19.77222934	14.4982381	12.89150255
ENSMUSG00000027905	18.39374813	20.86851731	20.47838039	70.88027514	55.14698315
ENSMUSG00000027931	4.952162959	4.173703463	4.236906287	8.860034393	7.87814045
ENSMUSG00000027932	6.367066661	9.043024169	11.29841676	5.638203705	7.87814045
ENSMUSG00000027933	16.97884443	27.82468975	23.30298458	42.68925662	41.53928601
ENSMUSG00000027935	77.81970364	116.863697	98.86114669	228.7499789	156.8466144
ENSMUSG00000027936	102.5805184	114.7768452	122.1641313	227.9445212	171.1705061
ENSMUSG00000027937	43.15456293	59.12746572	52.25517753	114.3749894	89.52432329
ENSMUSG00000027938	8.489422215	11.82549314	14.12302096	7.249119049	12.17530797
ENSMUSG00000027939	10.61177777	23.65098629	12.00456781	11.27640741	11.45911338
ENSMUSG00000027940	6.367066661	3.478086219	4.943057334	7.249119049	2.148583759
ENSMUSG00000027942	145.7350814	197.5552972	163.8270431	376.9541905	262.1272186
ENSMUSG00000027944	31.83533331	62.60555194	43.07521391	89.4058016	67.32229112
ENSMUSG00000027947	9.904325918	18.78166558	10.59226572	16.91461111	21.48583759
ENSMUSG00000027951	9.904325918	15.30357936	16.2414741	47.52200265	43.68786977
ENSMUSG00000027952	16.27139258	20.17290007	17.65377619	36.24559524	27.21539428
ENSMUSG00000027953	35.37259256	54.95376226	48.01827125	40.2728836	35.80972932
ENSMUSG00000027955	7.781970364	5.56493795	4.943057334	4.832746033	5.013362104
ENSMUSG00000027956	5.65961481	9.738641413	4.236906287	7.249119049	7.87814045
ENSMUSG00000027957	13.44158517	37.56333116	43.78136496	49.93837567	45.83645353
ENSMUSG00000027959	53.05888884	85.56092098	78.3827663	124.0404815	108.8615771

ENSMUSG00000027962	12.02668147	6.956172438	7.061510478	9.665492065	9.310529622
ENSMUSG00000027963	19.10119998	45.91073809	37.42600553	66.04752911	57.29556691
ENSMUSG00000027965	4.244711108	6.260555194	11.29841676	5.638203705	6.445751277
ENSMUSG00000027966	7.074518513	6.260555194	7.767661525	4.832746033	5.729556691
ENSMUSG00000027968	40.32475552	56.34499675	52.25517753	95.84946298	78.06520991
ENSMUSG00000027971	9.904325918	4.869320706	7.061510478	4.02728836	6.445751277
ENSMUSG00000027973	9.904325918	5.56493795	9.179963621	3.221830688	7.161945863
ENSMUSG00000027977	7.781970364	5.56493795	9.886114669	3.221830688	3.580972932
ENSMUSG00000027981	29.71297775	52.17129328	40.95676077	65.24207144	60.87653984
ENSMUSG00000027983	7.781970364	7.651789682	7.767661525	3.221830688	7.87814045
ENSMUSG00000027985	13.44158517	9.738641413	14.829172	6.443661377	8.594335036
ENSMUSG00000027993	9.904325918	6.260555194	9.179963621	4.02728836	5.729556691
ENSMUSG00000027994	7.074518513	4.173703463	8.473812573	5.638203705	5.013362104
ENSMUSG00000027995	10.61177777	6.260555194	10.59226572	4.02728836	9.310529622
ENSMUSG00000027996	7.074518513	7.651789682	7.767661525	4.02728836	6.445751277
ENSMUSG00000027998	48.10672589	76.51789682	63.5535943	78.93485187	73.76804239
ENSMUSG00000027999	14.14903703	32.69401046	27.53989086	25.77464551	22.91822676
ENSMUSG00000028001	11.31922962	5.56493795	8.473812573	2.416373016	7.161945863
ENSMUSG00000028004	10.61177777	7.651789682	9.886114669	4.832746033	4.297167518
ENSMUSG00000028005	7.781970364	11.1298759	7.061510478	6.443661377	9.310529622
ENSMUSG00000028007	4.244711108	7.651789682	7.061510478	5.638203705	5.729556691
ENSMUSG00000028008	4.952162959	10.43425866	4.943057334	4.832746033	5.013362104
ENSMUSG00000028010	34.66514071	60.51870021	42.36906287	137.7332619	109.5777717
ENSMUSG00000028011	7.781970364	6.956172438	9.886114669	5.638203705	6.445751277
ENSMUSG00000028012	10.61177777	18.08604834	6.35535943	14.4982381	15.7562809
ENSMUSG00000028013	9.196874066	17.39043109	12.71071886	17.72006879	17.18867007
ENSMUSG00000028018	55.1812444	73.0398106	49.43057334	100.682209	98.83485292
ENSMUSG00000028020	8.489422215	7.651789682	3.530755239	6.443661377	3.580972932
ENSMUSG00000028023	8.489422215	7.651789682	3.530755239	8.054576721	5.013362104
ENSMUSG00000028024	10.61177777	15.30357936	7.061510478	7.249119049	7.161945863
ENSMUSG00000028028	10.61177777	8.347406925	12.00456781	5.638203705	10.7429188
ENSMUSG00000028029	78.52715549	115.4724625	94.6242404	125.6513968	118.8883013
ENSMUSG00000028030	63.67066661	110.6031418	110.1595635	98.265836	105.9967988
ENSMUSG00000028032	12.02668147	34.78086219	29.65834401	21.74735715	18.62105924
ENSMUSG00000028033	10.61177777	11.82549314	12.71071886	32.21830688	20.769643
ENSMUSG00000028034	169.7884443	223.2931353	168.7701004	385.0087673	249.9519106
ENSMUSG00000028035	152.8095999	175.2955454	161.7085899	298.0193387	222.0203218
ENSMUSG00000028037	8.489422215	11.1298759	7.061510478	5.638203705	5.013362104
ENSMUSG00000028039	8.489422215	4.869320706	4.943057334	8.054576721	3.580972932
ENSMUSG00000028041	5.65961481	15.99919661	7.061510478	7.249119049	9.310529622
ENSMUSG00000028042	28.29807405	43.12826911	48.7244223	24.96918783	23.63442135
ENSMUSG00000028047	7.781970364	11.82549314	11.29841676	20.1364418	12.17530797
ENSMUSG00000028048	27.5906222	38.95456565	38.83830763	29.80193387	35.09353473



ENSMUSG00000028049	26.1757185	38.25894841	45.19366706	43.49471429	45.83645353
ENSMUSG00000028051	7.781970364	7.651789682	9.179963621	12.08186508	13.60769714
ENSMUSG00000028053	82.7718666	123.8198694	94.6242404	232.7772672	189.0753708
ENSMUSG00000028057	24.05336294	29.91154148	28.95219296	26.58010318	27.93158887
ENSMUSG00000028059	10.61177777	16.69481385	19.06607829	8.054576721	9.310529622
ENSMUSG00000028060	95.50599992	121.7330177	105.2165061	247.2755053	171.8867007
ENSMUSG00000028062	16.27139258	38.95456565	43.07521391	44.30017197	41.53928601
ENSMUSG00000028063	7.074518513	6.260555194	7.767661525	8.054576721	7.161945863
ENSMUSG00000028064	4.244711108	5.56493795	7.061510478	10.47094974	9.310529622
ENSMUSG00000028066	33.95768886	38.95456565	42.36906287	66.85298678	58.01176149
ENSMUSG00000028068	7.781970364	13.91234488	13.41686991	16.91461111	17.90486466
ENSMUSG00000028069	35.37259256	54.95376226	46.60596915	117.5968201	77.34901533
ENSMUSG00000028071	11.31922962	21.56413456	21.18453143	23.35827249	31.5125618
ENSMUSG00000028073	9.904325918	7.651789682	2.824604191	10.47094974	9.310529622
ENSMUSG00000028076	8.489422215	15.30357936	14.829172	8.054576721	7.161945863
ENSMUSG00000028078	14.14903703	13.91234488	17.65377619	16.91461111	15.7562809
ENSMUSG00000028080	31.83533331	55.6493795	50.13672439	66.04752911	52.99839939
ENSMUSG00000028082	7.781970364	9.738641413	5.649208382	4.832746033	11.45911338
ENSMUSG00000028085	6.367066661	11.82549314	12.71071886	11.27640741	12.17530797
ENSMUSG00000028086	46.69182218	87.64777272	72.02740687	208.6135371	189.0753708
ENSMUSG00000028088	5.65961481	9.738641413	10.59226572	9.665492065	9.310529622
ENSMUSG00000028093	16.27139258	25.73783802	21.18453143	24.16373016	17.90486466
ENSMUSG00000028096	14.85648888	31.99839321	30.36449505	37.05105292	29.36397804
ENSMUSG00000028098	106.1177777	139.1234488	124.2825844	231.9718096	189.0753708
ENSMUSG00000028100	8.489422215	13.91234488	7.767661525	7.249119049	9.310529622
ENSMUSG00000028101	19.80865184	27.12907251	24.00913562	8.860034393	7.161945863
ENSMUSG00000028102	14.14903703	30.60715873	20.47838039	28.19101852	22.91822676
ENSMUSG00000028104	19.80865184	34.08524495	33.89525029	26.58010318	21.48583759
ENSMUSG00000028106	87.01657771	120.3417832	105.2165061	184.4498069	155.4142252
ENSMUSG00000028107	14.85648888	25.73783802	16.2414741	32.21830688	25.78300511
ENSMUSG00000028108	4.244711108	5.56493795	9.886114669	7.249119049	10.02672421
ENSMUSG00000028109	6.367066661	7.651789682	7.061510478	5.638203705	8.594335036
ENSMUSG00000028114	48.81417774	80.69160028	57.90438592	61.21478308	60.87653984
ENSMUSG00000028115	11.31922962	15.99919661	7.061510478	7.249119049	6.445751277
ENSMUSG00000028116	9.904325918	4.869320706	7.767661525	4.832746033	6.445751277
ENSMUSG00000028124	12.73413332	13.91234488	10.59226572	52.35474869	45.12025894
ENSMUSG00000028125	7.781970364	6.260555194	8.473812573	3.221830688	7.161945863
ENSMUSG00000028126	87.01657771	129.3848073	126.4010376	121.6241085	107.429188
ENSMUSG00000028127	7.781970364	8.347406925	7.767661525	20.1364418	10.02672421
ENSMUSG00000028128	9.904325918	6.956172438	9.179963621	7.249119049	9.310529622
ENSMUSG00000028132	5.65961481	8.347406925	5.649208382	10.47094974	11.45911338
ENSMUSG00000028133	12.73413332	11.82549314	9.179963621	9.665492065	11.45911338
ENSMUSG00000028134	45.98437033	73.73542784	64.25974535	70.07481747	76.63282074

ENSMUSG00000028136	39.61730367	62.60555194	52.25517753	62.82569842	63.0251236
ENSMUSG00000028140	20.51610369	34.78086219	31.0706461	88.60034393	65.17370736
ENSMUSG00000028141	13.44158517	6.956172438	6.35535943	6.443661377	4.297167518
ENSMUSG00000028148	8.489422215	7.651789682	7.061510478	8.860034393	9.310529622
ENSMUSG00000028149	45.27691848	84.1696865	62.1412922	91.82217462	79.49759908
ENSMUSG00000028150	9.904325918	9.043024169	11.29841676	12.08186508	4.297167518
ENSMUSG00000028152	19.10119998	33.3896277	26.83373982	35.44013757	30.08017263
ENSMUSG00000028156	0.707451851	0	0.706151048	0	1.432389173
ENSMUSG00000028158	7.074518513	9.738641413	13.41686991	22.55281482	19.33725383
ENSMUSG00000028159	97.62835547	128.6891901	100.9795998	119.2077355	121.0368851
ENSMUSG00000028161	79.94205919	111.9943762	107.3349593	107.1258704	100.9834367
ENSMUSG00000028163	72.16008883	105.7338211	103.804204	211.0299101	179.7648412
ENSMUSG00000028164	24.76081479	44.5195036	46.60596915	32.21830688	32.94495097
ENSMUSG00000028167	8.489422215	8.347406925	8.473812573	12.08186508	10.02672421
ENSMUSG00000028173	16.97884443	17.39043109	15.53532305	15.30369577	15.04008631
ENSMUSG00000028175	23.34591109	27.12907251	26.83373982	25.77464551	29.36397804
ENSMUSG00000028176	9.904325918	2.782468975	5.649208382	10.47094974	8.594335036
ENSMUSG00000028179	8.489422215	4.869320706	7.767661525	16.10915344	10.7429188
ENSMUSG00000028180	30.4204296	59.12746572	46.60596915	137.7332619	90.95671247
ENSMUSG00000028182	3.537259256	2.086851731	4.236906287	4.832746033	2.864778345
ENSMUSG00000028184	4.952162959	9.738641413	9.179963621	4.832746033	10.7429188
ENSMUSG00000028185	7.074518513	4.869320706	11.29841676	4.832746033	4.297167518
ENSMUSG00000028186	6.367066661	3.478086219	7.061510478	8.860034393	10.7429188
ENSMUSG00000028187	29.0055259	62.60555194	48.7244223	75.71302118	78.7814045
ENSMUSG00000028188	53.05888884	77.21351406	82.61967259	169.9515688	113.1587446
ENSMUSG00000028189	19.10119998	17.39043109	31.77679715	18.52552646	18.62105924
ENSMUSG00000028191	115.3146518	150.9489419	132.0502459	168.3406535	140.3741389
ENSMUSG00000028194	9.196874066	6.260555194	12.00456781	5.638203705	7.161945863
ENSMUSG00000028199	14.14903703	15.99919661	11.29841676	16.10915344	9.310529622
ENSMUSG00000028207	4.244711108	9.738641413	5.649208382	5.638203705	9.310529622
ENSMUSG00000028211	70.03773327	70.25734162	67.08434954	49.93837567	55.86317773
ENSMUSG00000028212	15.56394073	18.08604834	14.12302096	59.60386773	44.40406435
ENSMUSG00000028214	15.56394073	44.5195036	28.95219296	62.02024075	45.83645353
ENSMUSG00000028217	7.074518513	10.43425866	9.179963621	23.35827249	15.04008631
ENSMUSG00000028218	8.489422215	11.82549314	12.00456781	9.665492065	11.45911338
ENSMUSG00000028224	9.904325918	20.17290007	19.77222934	53.16020636	52.99839939
ENSMUSG00000028226	11.31922962	4.869320706	7.767661525	8.860034393	7.87814045
ENSMUSG00000028229	12.02668147	20.17290007	18.35992724	13.69278043	17.90486466
ENSMUSG00000028232	86.30912585	114.081228	105.2165061	197.3371297	151.1170577
ENSMUSG00000028245	41.73965922	63.30116918	62.84744325	53.96566403	62.30892901
ENSMUSG00000028246	7.781970364	4.173703463	9.886114669	2.416373016	7.87814045
ENSMUSG00000028248	80.64951104	111.9943762	91.79963621	153.8424154	109.5777717
ENSMUSG00000028249	99.04325918	132.8628936	108.7472614	106.3204127	90.95671247

ENSMUSG00000028252	36.78749627	74.43104508	56.49208382	56.38203705	62.30892901
ENSMUSG00000028256	9.196874066	11.82549314	8.473812573	11.27640741	13.60769714
ENSMUSG00000028259	11.31922962	6.260555194	7.767661525	4.832746033	7.161945863
ENSMUSG00000028261	22.63845924	40.34580014	35.30755239	95.04400531	73.05184781
ENSMUSG00000028262	8.489422215	9.043024169	12.00456781	6.443661377	10.02672421
ENSMUSG00000028264	6.367066661	4.869320706	9.886114669	5.638203705	5.729556691
ENSMUSG00000028266	27.5906222	43.12826911	36.71985448	35.44013757	38.67450766
ENSMUSG00000028268	31.12788146	44.5195036	37.42600553	71.68573282	61.59273443
ENSMUSG00000028270	9.196874066	15.99919661	16.94762515	109.5422434	63.0251236
ENSMUSG00000028273	13.44158517	30.60715873	26.12758877	31.41284921	20.769643
ENSMUSG00000028274	62.25576291	75.82227957	78.3827663	90.21125927	80.92998826
ENSMUSG00000028277	36.08004441	81.38721752	57.90438592	97.46037832	85.94335036
ENSMUSG00000028278	8.489422215	6.956172438	6.35535943	7.249119049	5.013362104
ENSMUSG00000028282	100.4581629	114.081228	104.5103551	157.0642461	111.7263555
ENSMUSG00000028284	61.54831106	95.99517964	85.44427678	107.9313281	111.7263555
ENSMUSG00000028289	7.074518513	9.043024169	12.00456781	8.860034393	4.297167518
ENSMUSG00000028292	85.601674	112.6899935	117.2210739	136.9278043	113.8749392
ENSMUSG00000028293	11.31922962	13.21672763	14.12302096	15.30369577	21.48583759
ENSMUSG00000028294	7.781970364	6.956172438	5.649208382	4.832746033	5.013362104
ENSMUSG00000028295	27.5906222	40.34580014	36.01370344	32.21830688	40.82309142
ENSMUSG00000028298	10.61177777	11.82549314	7.061510478	8.054576721	7.161945863
ENSMUSG00000028300	27.5906222	45.91073809	34.60140134	57.99295239	42.25548059
ENSMUSG00000028309	54.47379255	80.69160028	66.37819849	70.88027514	69.47087488
ENSMUSG00000028312	36.08004441	57.73623123	43.78136496	114.3749894	85.22715578
ENSMUSG00000028318	43.15456293	66.08363816	51.54902649	78.93485187	68.75468029
ENSMUSG00000028322	22.63845924	41.73703463	31.77679715	77.32393652	78.7814045
ENSMUSG00000028327	9.196874066	5.56493795	7.061510478	6.443661377	8.594335036
ENSMUSG00000028328	10.61177777	3.478086219	8.473812573	4.02728836	6.445751277
ENSMUSG00000028329	0.707451851	0.695617244	2.118453143	0	0
ENSMUSG00000028331	31.83533331	54.95376226	38.83830763	52.35474869	49.41742646
ENSMUSG00000028332	10.61177777	9.738641413	8.473812573	8.860034393	10.02672421
ENSMUSG00000028333	26.88317035	42.43265187	36.01370344	170.7570265	134.6445822
ENSMUSG00000028334	45.98437033	70.95295887	74.14586002	90.21125927	81.64618284
ENSMUSG00000028337	63.67066661	101.5601176	106.6288082	278.6883545	162.5761711
ENSMUSG00000028339	6.367066661	8.347406925	4.943057334	4.832746033	5.013362104
ENSMUSG00000028343	138.6605628	154.4270281	150.4101732	212.6408254	181.9134249
ENSMUSG00000028344	128.7562369	153.7314109	137.6994543	165.1188228	144.6713064
ENSMUSG00000028345	48.10672589	84.1696865	74.85201106	131.2896006	106.7129934
ENSMUSG00000028347	11.31922962	9.738641413	8.473812573	3.221830688	4.297167518
ENSMUSG00000028354	9.904325918	9.043024169	10.59226572	8.054576721	6.445751277
ENSMUSG00000028357	7.781970364	2.086851731	4.943057334	2.416373016	9.310529622
ENSMUSG00000028358	3.537259256	6.956172438	7.061510478	3.221830688	5.013362104
ENSMUSG00000028364	13.44158517	6.260555194	7.061510478	6.443661377	7.161945863

ENSMUSG00000028369	11.31922962	7.651789682	9.886114669	8.054576721	5.013362104
ENSMUSG00000028373	9.904325918	6.956172438	12.00456781	4.02728836	7.161945863
ENSMUSG00000028382	104.702874	132.1672763	120.0456781	214.2517408	171.8867007
ENSMUSG00000028383	25.46826665	50.7800588	40.95676077	37.85651059	49.41742646
ENSMUSG00000028385	121.6817184	121.7330177	92.50578726	210.2244524	136.793166
ENSMUSG00000028389	9.196874066	7.651789682	3.530755239	6.443661377	5.013362104
ENSMUSG00000028391	5.65961481	11.1298759	7.767661525	4.832746033	9.310529622
ENSMUSG00000028392	4.244711108	4.869320706	2.118453143	4.832746033	2.864778345
ENSMUSG00000028393	19.10119998	27.82468975	21.89068248	30.60739154	35.80972932
ENSMUSG00000028397	8.489422215	9.043024169	10.59226572	6.443661377	4.297167518
ENSMUSG00000028399	12.73413332	6.956172438	10.59226572	1.610915344	2.864778345
ENSMUSG00000028402	8.489422215	3.478086219	5.649208382	0.805457672	5.013362104
ENSMUSG00000028403	24.76081479	44.5195036	41.66291182	46.71654498	49.41742646
ENSMUSG00000028409	48.10672589	80.69160028	73.43970897	135.3168889	106.7129934
ENSMUSG00000028410	2.122355554	0.695617244	2.118453143	1.610915344	4.297167518
ENSMUSG00000028411	43.86201478	63.30116918	50.13672439	54.7711217	53.71459398
ENSMUSG00000028412	8.489422215	20.86851731	13.41686991	9.665492065	12.89150255
ENSMUSG00000028413	32.54278516	37.56333116	34.60140134	200.5589604	149.6846685
ENSMUSG00000028414	6.367066661	11.82549314	13.41686991	16.10915344	16.47247549
ENSMUSG00000028416	38.20239997	59.82308296	43.07521391	86.18397091	88.09193412
ENSMUSG00000028420	6.367066661	15.30357936	11.29841676	14.4982381	10.7429188
ENSMUSG00000028423	50.22908144	84.1696865	72.02740687	167.5351958	139.6579443
ENSMUSG00000028426	84.89422215	139.819066	112.2780166	206.1971641	176.1838682
ENSMUSG00000028427	10.61177777	4.869320706	12.00456781	6.443661377	10.7429188
ENSMUSG00000028430	11.31922962	20.17290007	14.12302096	61.21478308	38.67450766
ENSMUSG00000028431	53.05888884	103.6469693	86.85657888	169.1461111	145.387501
ENSMUSG00000028433	82.7718666	87.64777272	97.44884459	190.8934683	147.5360848
ENSMUSG00000028434	14.14903703	11.1298759	17.65377619	10.47094974	9.310529622
ENSMUSG00000028437	112.4848444	153.7314109	153.2347774	98.265836	102.4158258
ENSMUSG00000028438	19.80865184	29.91154148	26.83373982	58.79841006	49.41742646
ENSMUSG00000028439	8.489422215	15.30357936	9.179963621	15.30369577	10.7429188
ENSMUSG00000028441	8.489422215	8.347406925	9.179963621	11.27640741	11.45911338
ENSMUSG00000028444	7.074518513	4.869320706	2.824604191	1.610915344	5.729556691
ENSMUSG00000028447	41.73965922	68.86610713	55.07978173	38.66196826	41.53928601
ENSMUSG00000028451	11.31922962	9.043024169	2.824604191	4.02728836	5.729556691
ENSMUSG00000028453	11.31922962	21.56413456	18.35992724	15.30369577	22.20203218
ENSMUSG00000028454	14.14903703	16.69481385	15.53532305	27.38556085	27.21539428
ENSMUSG00000028455	14.85648888	18.78166558	12.71071886	51.54929101	40.82309142
ENSMUSG00000028456	7.781970364	7.651789682	7.061510478	8.860034393	6.445751277
ENSMUSG00000028457	10.61177777	9.738641413	7.061510478	5.638203705	7.161945863
ENSMUSG00000028458	15.56394073	26.43345526	23.30298458	16.91461111	27.93158887
ENSMUSG00000028459	100.4581629	128.6891901	109.4534124	139.3441773	100.9834367
ENSMUSG00000028461	12.02668147	11.82549314	9.886114669	16.10915344	18.62105924

ENSMUSG00000028463	4.244711108	7.651789682	8.473812573	8.054576721	5.013362104
ENSMUSG00000028464	5.65961481	6.956172438	12.71071886	4.832746033	7.87814045
ENSMUSG00000028465	63.67066661	67.47487265	59.31668801	149.0096693	121.0368851
ENSMUSG00000028466	44.56946663	64.69240367	57.19823487	147.398754	125.3340526
ENSMUSG00000028467	53.05888884	79.99598303	72.02740687	56.38203705	56.57937232
ENSMUSG00000028468	50.22908144	82.77845201	79.7950684	59.60386773	72.33565322
ENSMUSG00000028469	2.829807405	0	0	0.805457672	0.716194586
ENSMUSG00000028470	7.781970364	9.738641413	7.767661525	3.221830688	5.729556691
ENSMUSG00000028476	6.367066661	8.347406925	7.767661525	4.832746033	10.02672421
ENSMUSG00000028478	12.02668147	5.56493795	8.473812573	8.860034393	11.45911338
ENSMUSG00000028479	7.074518513	5.56493795	6.35535943	4.02728836	4.297167518
ENSMUSG00000028480	8.489422215	9.738641413	12.71071886	21.74735715	19.33725383
ENSMUSG00000028483	96.92090362	175.9911627	122.1641313	116.7913625	111.7263555
ENSMUSG00000028484	26.1757185	42.43265187	42.36906287	65.24207144	64.45751277
ENSMUSG00000028487	6.367066661	6.260555194	4.943057334	8.860034393	4.297167518
ENSMUSG00000028488	9.196874066	6.260555194	9.179963621	4.832746033	4.297167518
ENSMUSG00000028492	11.31922962	7.651789682	4.236906287	8.054576721	2.864778345
ENSMUSG00000028494	7.781970364	13.21672763	9.179963621	7.249119049	10.7429188
ENSMUSG00000028495	20.51610369	40.34580014	33.18909925	176.3952302	123.9016634
ENSMUSG00000028496	5.65961481	10.43425866	9.179963621	35.44013757	21.48583759
ENSMUSG00000028497	7.074518513	6.956172438	9.179963621	5.638203705	5.729556691
ENSMUSG00000028514	116.0221036	143.9927695	134.1686991	199.7535027	173.3190899
ENSMUSG00000028519	9.196874066	8.347406925	10.59226572	6.443661377	6.445751277
ENSMUSG00000028520	7.074518513	7.651789682	7.061510478	4.02728836	10.02672421
ENSMUSG00000028521	18.39374813	22.2597518	16.2414741	41.07834128	42.25548059
ENSMUSG00000028522	50.22908144	58.43184848	60.72899011	53.16020636	52.2822048
ENSMUSG00000028523	7.781970364	6.956172438	8.473812573	5.638203705	5.729556691
ENSMUSG00000028524	8.489422215	7.651789682	4.943057334	2.416373016	8.594335036
ENSMUSG00000028525	7.781970364	2.782468975	4.943057334	4.832746033	5.729556691
ENSMUSG00000028527	6.367066661	7.651789682	6.35535943	7.249119049	10.7429188
ENSMUSG00000028528	7.074518513	5.56493795	3.530755239	5.638203705	6.445751277
ENSMUSG00000028530	175.4480591	190.5991248	154.6470795	178.0061455	162.5761711
ENSMUSG00000028532	8.489422215	4.869320706	4.943057334	6.443661377	5.013362104
ENSMUSG00000028533	10.61177777	9.738641413	8.473812573	6.443661377	6.445751277
ENSMUSG00000028536	7.781970364	2.782468975	3.530755239	6.443661377	9.310529622
ENSMUSG00000028538	32.54278516	50.08444155	40.95676077	29.80193387	35.80972932
ENSMUSG00000028539	6.367066661	7.651789682	9.179963621	4.02728836	10.7429188
ENSMUSG00000028541	9.196874066	6.260555194	7.767661525	5.638203705	6.445751277
ENSMUSG00000028542	4.952162959	7.651789682	4.943057334	8.054576721	4.297167518
ENSMUSG00000028544	10.61177777	9.738641413	5.649208382	4.02728836	6.445751277
ENSMUSG00000028545	58.0110518	90.43024169	86.15042783	95.04400531	110.2939663
ENSMUSG00000028546	10.61177777	9.043024169	5.649208382	4.02728836	6.445751277
ENSMUSG00000028549	16.27139258	34.08524495	29.65834401	30.60739154	29.36397804

ENSMUSG00000028550	14.85648888	31.99839321	16.94762515	11.27640741	20.769643
ENSMUSG00000028551	31.83533331	31.30277597	33.89525029	73.29664816	40.82309142
ENSMUSG00000028552	52.35143699	77.9091313	59.31668801	70.07481747	77.34901533
ENSMUSG00000028553	9.904325918	6.260555194	8.473812573	6.443661377	2.148583759
ENSMUSG00000028555	7.781970364	2.086851731	9.179963621	4.02728836	5.013362104
ENSMUSG00000028556	4.952162959	2.782468975	7.767661525	8.860034393	6.445751277
ENSMUSG00000028557	9.904325918	6.956172438	9.886114669	6.443661377	3.580972932
ENSMUSG00000028558	10.61177777	9.738641413	7.767661525	6.443661377	7.87814045
ENSMUSG00000028559	27.5906222	47.30197258	28.95219296	20.1364418	27.93158887
ENSMUSG00000028560	59.42595551	80.69160028	58.61053696	208.6135371	145.387501
ENSMUSG00000028563	0	6.956172438	2.118453143	3.221830688	2.148583759
ENSMUSG00000028565	3.537259256	6.260555194	5.649208382	6.443661377	6.445751277
ENSMUSG00000028568	67.20792587	100.1688831	76.97046421	95.84946298	96.68626916
ENSMUSG00000028571	12.02668147	4.869320706	7.061510478	12.08186508	6.445751277
ENSMUSG00000028572	12.73413332	16.69481385	13.41686991	18.52552646	21.48583759
ENSMUSG00000028573	12.02668147	7.651789682	4.943057334	11.27640741	8.594335036
ENSMUSG00000028575	4.952162959	9.043024169	5.649208382	12.08186508	6.445751277
ENSMUSG00000028576	10.61177777	13.21672763	16.94762515	11.27640741	9.310529622
ENSMUSG00000028577	84.89422215	113.3856107	103.098053	107.9313281	118.8883013
ENSMUSG00000028580	151.3946962	173.9043109	142.6425116	268.2174048	202.6830679
ENSMUSG00000028581	149.2723406	157.2094971	141.9363606	277.0774392	184.7782033
ENSMUSG00000028582	39.61730367	63.30116918	65.67204744	71.68573282	74.48423698
ENSMUSG00000028583	7.074518513	7.651789682	4.943057334	3.221830688	9.310529622
ENSMUSG00000028587	64.37811846	82.77845201	79.08891735	215.8626561	162.5761711
ENSMUSG00000028591	7.781970364	9.738641413	4.236906287	5.638203705	7.161945863
ENSMUSG00000028597	8.489422215	9.738641413	14.12302096	8.054576721	4.297167518
ENSMUSG00000028599	36.78749627	64.69240367	45.8998181	100.682209	77.34901533
ENSMUSG00000028600	12.02668147	9.738641413	7.767661525	10.47094974	7.87814045
ENSMUSG00000028601	4.952162959	5.56493795	7.767661525	10.47094974	5.729556691
ENSMUSG00000028602	8.489422215	3.478086219	6.35535943	50.74383334	34.37734014
ENSMUSG00000028603	10.61177777	6.956172438	9.886114669	10.47094974	11.45911338
ENSMUSG00000028607	12.02668147	20.17290007	16.2414741	33.02376456	31.5125618
ENSMUSG00000028608	10.61177777	11.1298759	14.829172	28.19101852	25.06681052
ENSMUSG00000028610	6.367066661	6.956172438	6.35535943	6.443661377	5.729556691
ENSMUSG00000028613	8.489422215	5.56493795	7.767661525	12.88732275	7.161945863
ENSMUSG00000028614	24.76081479	28.52030699	28.95219296	96.65492065	70.90326405
ENSMUSG00000028617	19.80865184	47.30197258	26.12758877	34.6346799	33.66114556
ENSMUSG00000028618	142.1978221	154.4270281	156.0593816	168.3406535	141.0903335
ENSMUSG00000028619	166.251185	184.3385696	173.7131578	187.6716376	179.7648412
ENSMUSG00000028621	23.34591109	38.95456565	37.42600553	49.93837567	43.68786977
ENSMUSG00000028622	30.4204296	41.73703463	38.83830763	45.91108731	45.83645353
ENSMUSG00000028634	7.781970364	13.91234488	6.35535943	4.832746033	7.87814045
ENSMUSG00000028636	18.39374813	27.12907251	25.42143772	19.33098413	17.90486466

ENSMUSG00000028637	6.367066661	7.651789682	7.061510478	4.02728836	7.161945863
ENSMUSG00000028639	65.79302217	101.5601176	74.14586002	261.7737434	201.2506788
ENSMUSG00000028640	5.65961481	6.260555194	3.530755239	5.638203705	4.297167518
ENSMUSG00000028641	22.63845924	39.6501829	25.42143772	14.4982381	18.62105924
ENSMUSG00000028643	6.367066661	9.738641413	15.53532305	14.4982381	18.62105924
ENSMUSG00000028644	10.61177777	5.56493795	10.59226572	7.249119049	11.45911338
ENSMUSG00000028645	63.67066661	94.60394515	91.79963621	128.8732275	90.95671247
ENSMUSG00000028646	97.62835547	155.8182626	139.8179075	168.3406535	151.1170577
ENSMUSG00000028647	15.56394073	27.12907251	25.42143772	34.6346799	36.5259239
ENSMUSG00000028648	27.5906222	36.17209668	33.89525029	63.6311561	57.29556691
ENSMUSG00000028649	11.31922962	8.347406925	7.061510478	5.638203705	5.013362104
ENSMUSG00000028651	26.1757185	36.17209668	31.77679715	81.35122488	55.86317773
ENSMUSG00000028653	111.7773925	154.4270281	117.2210739	171.5624842	125.3340526
ENSMUSG00000028654	12.73413332	9.043024169	12.00456781	8.860034393	7.87814045
ENSMUSG00000028655	4.952162959	11.1298759	8.473812573	160.2860767	103.1320204
ENSMUSG00000028656	132.2934962	157.2094971	137.6994543	240.0263863	163.2923657
ENSMUSG00000028657	48.81417774	72.34419335	64.25974535	37.85651059	47.98503729
ENSMUSG00000028664	7.074518513	7.651789682	4.236906287	3.221830688	9.310529622
ENSMUSG00000028669	41.73965922	71.64857611	58.61053696	152.2315	104.5644096
ENSMUSG00000028670	19.10119998	37.56333116	21.18453143	77.32393652	53.71459398
ENSMUSG00000028671	12.02668147	22.2597518	18.35992724	29.80193387	17.90486466
ENSMUSG00000028672	52.35143699	99.47326586	79.7950684	63.6311561	65.88990194
ENSMUSG00000028673	50.93653329	83.47406925	68.49665163	82.15668255	73.76804239
ENSMUSG00000028675	114.6071999	140.5146832	114.3964697	178.0061455	143.2389173
ENSMUSG00000028676	100.4581629	115.4724625	117.2210739	252.913709	195.5211221
ENSMUSG00000028677	5.65961481	9.043024169	7.061510478	5.638203705	10.7429188
ENSMUSG00000028678	31.12788146	43.82388636	31.0706461	65.24207144	63.0251236
ENSMUSG00000028680	12.73413332	15.30357936	14.12302096	148.2042117	141.0903335
ENSMUSG00000028681	11.31922962	11.82549314	6.35535943	4.832746033	7.161945863
ENSMUSG00000028683	14.85648888	36.17209668	28.24604191	63.6311561	61.59273443
ENSMUSG00000028684	26.1757185	36.86771392	32.4829482	14.4982381	25.06681052
ENSMUSG00000028687	21.22355554	38.95456565	34.60140134	87.79488626	66.60609653
ENSMUSG00000028688	26.1757185	41.73703463	40.25060972	91.82217462	82.36237743
ENSMUSG00000028689	7.781970364	25.04222078	14.12302096	20.94189947	25.78300511
ENSMUSG00000028691	36.78749627	70.95295887	58.61053696	235.1936403	174.0352845
ENSMUSG00000028692	133.7083999	182.2517179	167.3577983	228.7499789	191.2239546
ENSMUSG00000028693	21.93100739	25.73783802	25.42143772	143.3714656	83.07857202
ENSMUSG00000028696	24.76081479	32.69401046	34.60140134	37.05105292	36.5259239
ENSMUSG00000028698	4.244711108	9.738641413	7.767661525	7.249119049	9.310529622
ENSMUSG00000028700	3.537259256	15.99919661	9.179963621	16.91461111	16.47247549
ENSMUSG00000028702	23.34591109	45.21512085	32.4829482	54.7711217	54.43078856
ENSMUSG00000028703	90.55383696	114.7768452	111.5718655	200.5589604	159.7113928
ENSMUSG00000028706	16.97884443	31.30277597	26.83373982	24.96918783	24.35061594

ENSMUSG00000028707	7.781970364	3.478086219	5.649208382	4.832746033	6.445751277
ENSMUSG00000028708	51.64398514	93.90832791	67.08434954	40.2728836	65.88990194
ENSMUSG00000028710	21.22355554	29.21592424	24.00913562	36.24559524	30.79636721
ENSMUSG00000028712	7.781970364	7.651789682	7.061510478	4.832746033	5.013362104
ENSMUSG00000028713	12.02668147	6.956172438	7.061510478	8.860034393	6.445751277
ENSMUSG00000028716	9.196874066	2.086851731	7.767661525	5.638203705	6.445751277
ENSMUSG00000028717	7.074518513	5.56493795	4.943057334	4.832746033	7.161945863
ENSMUSG00000028718	47.39927403	50.7800588	46.60596915	73.29664816	56.57937232
ENSMUSG00000028729	37.49494812	57.73623123	44.48751601	99.87675134	100.9834367
ENSMUSG00000028730	41.73965922	45.21512085	57.90438592	105.514955	92.38910164
ENSMUSG00000028736	2.829807405	3.478086219	7.061510478	5.638203705	5.013362104
ENSMUSG00000028737	27.5906222	54.25814501	40.95676077	16.91461111	30.08017263
ENSMUSG00000028738	6.367066661	0	5.649208382	8.054576721	8.594335036
ENSMUSG00000028741	49.52162959	64.69240367	67.08434954	269.0228625	204.1154571
ENSMUSG00000028744	58.71850365	97.38641413	83.32582364	28.9964762	42.25548059
ENSMUSG00000028745	190.304548	177.3823972	199.1345955	314.9339498	209.1288192
ENSMUSG00000028747	6.367066661	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG00000028750	9.196874066	9.043024169	5.649208382	4.832746033	10.7429188
ENSMUSG00000028751	15.56394073	6.260555194	4.236906287	1.610915344	5.729556691
ENSMUSG00000028753	7.781970364	6.260555194	6.35535943	7.249119049	7.161945863
ENSMUSG00000028756	0	0.695617244	1.412302096	0.805457672	0
ENSMUSG00000028758	0	0	0	0	0
ENSMUSG00000028759	14.14903703	22.2597518	25.42143772	39.46742593	30.79636721
ENSMUSG00000028760	10.61177777	22.2597518	33.89525029	113.5695318	102.4158258
ENSMUSG00000028763	10.61177777	7.651789682	7.767661525	8.054576721	6.445751277
ENSMUSG00000028766	13.44158517	9.738641413	14.829172	59.60386773	43.68786977
ENSMUSG00000028771	26.88317035	49.38882431	45.8998181	46.71654498	57.29556691
ENSMUSG00000028772	79.94205919	141.9059177	122.8702823	235.9990979	194.8049275
ENSMUSG00000028776	9.904325918	4.173703463	6.35535943	8.860034393	9.310529622
ENSMUSG00000028778	7.781970364	4.869320706	5.649208382	8.860034393	6.445751277
ENSMUSG00000028779	9.904325918	4.869320706	7.767661525	4.02728836	7.87814045
ENSMUSG00000028780	10.61177777	6.956172438	9.179963621	3.221830688	7.87814045
ENSMUSG00000028782	8.489422215	5.56493795	7.061510478	7.249119049	6.445751277
ENSMUSG00000028784	9.196874066	6.260555194	6.35535943	11.27640741	12.17530797
ENSMUSG00000028785	7.074518513	10.43425866	4.943057334	8.054576721	5.729556691
ENSMUSG00000028786	12.02668147	5.56493795	5.649208382	5.638203705	10.02672421
ENSMUSG00000028788	123.0966221	148.1664729	110.1595635	260.1628281	184.7782033
ENSMUSG00000028789	12.02668147	6.956172438	7.061510478	20.94189947	26.49919969
ENSMUSG00000028790	146.4425332	173.2086937	181.4808193	284.3265582	196.9535112
ENSMUSG00000028792	125.9264295	155.1226454	146.1732669	391.4524286	293.6397804
ENSMUSG00000028793	65.08557032	98.77764862	72.73355792	361.6504948	250.6681052
ENSMUSG00000028794	7.781970364	11.82549314	7.767661525	10.47094974	12.17530797
ENSMUSG00000028795	7.074518513	11.1298759	15.53532305	26.58010318	17.18867007



ENSMUSG00000028796	7.781970364	16.69481385	7.767661525	11.27640741	12.89150255
ENSMUSG00000028797	154.2245036	201.7290007	180.0685172	339.09768	285.76164
ENSMUSG00000028798	127.3413332	191.9903593	175.1254598	353.595918	285.76164
ENSMUSG00000028799	66.50047402	77.9091313	79.7950684	128.8732275	110.2939663
ENSMUSG00000028800	85.601674	125.2111039	97.44884459	207.8080794	137.5093606
ENSMUSG00000028801	7.074518513	13.21672763	9.886114669	7.249119049	12.89150255
ENSMUSG00000028803	25.46826665	47.30197258	33.89525029	12.08186508	25.06681052
ENSMUSG00000028809	154.2245036	187.8166558	185.7177256	318.9612381	227.0336839
ENSMUSG00000028811	72.16008883	117.5593142	109.4534124	219.8899445	183.3458141
ENSMUSG00000028820	157.7617628	203.8158524	167.3577983	318.9612381	251.3842998
ENSMUSG00000028822	67.20792587	105.7338211	96.0365425	97.46037832	91.67290705
ENSMUSG00000028826	24.05336294	43.12826911	42.36906287	45.91108731	44.40406435
ENSMUSG00000028830	59.42595551	77.9091313	74.85201106	78.93485187	65.88990194
ENSMUSG00000028832	0	0	0	0	1.432389173
ENSMUSG00000028833	54.47379255	77.9091313	74.14586002	83.7675979	76.63282074
ENSMUSG00000028834	9.904325918	9.738641413	5.649208382	8.860034393	5.729556691
ENSMUSG00000028836	4.244711108	6.956172438	6.35535943	10.47094974	6.445751277
ENSMUSG00000028838	9.196874066	5.56493795	9.179963621	11.27640741	8.594335036
ENSMUSG00000028840	19.80865184	26.43345526	25.42143772	53.16020636	35.09353473
ENSMUSG00000028841	12.73413332	9.738641413	7.767661525	4.832746033	9.310529622
ENSMUSG00000028842	19.10119998	23.65098629	28.24604191	41.88379895	30.08017263
ENSMUSG00000028845	9.904325918	6.260555194	7.061510478	3.221830688	10.02672421
ENSMUSG00000028848	62.25576291	96.69079689	69.90895373	109.5422434	97.40246374
ENSMUSG00000028849	51.64398514	84.86530374	69.90895373	70.88027514	65.17370736
ENSMUSG00000028857	48.10672589	68.86610713	60.02283906	90.21125927	96.68626916
ENSMUSG00000028859	9.904325918	5.56493795	5.649208382	4.02728836	8.594335036
ENSMUSG00000028860	14.14903703	9.043024169	7.767661525	7.249119049	7.87814045
ENSMUSG00000028861	8.489422215	13.21672763	12.00456781	37.05105292	30.08017263
ENSMUSG00000028863	31.12788146	57.73623123	50.13672439	47.52200265	49.41742646
ENSMUSG00000028865	12.02668147	6.956172438	12.00456781	11.27640741	8.594335036
ENSMUSG00000028868	124.5115258	142.601535	132.0502459	195.7262143	151.1170577
ENSMUSG00000028869	2.829807405	4.173703463	2.824604191	4.02728836	5.729556691
ENSMUSG00000028873	22.63845924	39.6501829	52.96132858	57.99295239	53.71459398
ENSMUSG00000028874	12.73413332	18.78166558	19.77222934	11.27640741	11.45911338
ENSMUSG00000028878	9.904325918	31.30277597	26.83373982	24.16373016	20.769643
ENSMUSG00000028882	43.15456293	73.0398106	67.79050059	181.2279762	135.3607768
ENSMUSG00000028883	8.489422215	9.043024169	7.767661525	5.638203705	7.87814045
ENSMUSG00000028884	33.25023701	45.91073809	39.54445867	124.0404815	92.38910164
ENSMUSG00000028886	45.27691848	94.60394515	72.02740687	112.7640741	85.22715578
ENSMUSG00000028889	64.37811846	104.3425866	97.44884459	255.3300821	194.8049275
ENSMUSG00000028890	55.88869625	80.69160028	69.90895373	84.57305557	81.64618284
ENSMUSG00000028894	4.952162959	12.52111039	9.179963621	4.02728836	2.148583759
ENSMUSG00000028896	0	0	0	0	0

ENSMUSG00000028898	23.34591109	37.56333116	36.71985448	82.15668255	59.44415067
ENSMUSG00000028899	29.71297775	70.95295887	53.66747963	78.12939419	61.59273443
ENSMUSG00000028901	62.96321476	79.99598303	79.7950684	120.0131931	107.429188
ENSMUSG00000028906	29.0055259	32.69401046	37.42600553	20.94189947	20.05344842
ENSMUSG00000028909	2.829807405	2.782468975	7.061510478	7.249119049	3.580972932
ENSMUSG00000028910	18.39374813	31.99839321	29.65834401	57.99295239	49.41742646
ENSMUSG00000028911	104.702874	139.819066	127.1071886	261.7737434	199.8182896
ENSMUSG00000028914	26.1757185	34.78086219	28.95219296	23.35827249	35.09353473
ENSMUSG00000028917	12.73413332	14.60796212	14.829172	33.82922223	40.82309142
ENSMUSG00000028919	4.952162959	9.043024169	4.943057334	5.638203705	8.594335036
ENSMUSG00000028923	49.52162959	65.38802092	79.08891735	94.23854763	63.74131818
ENSMUSG00000028926	4.244711108	5.56493795	8.473812573	8.054576721	11.45911338
ENSMUSG00000028931	13.44158517	21.56413456	20.47838039	13.69278043	15.7562809
ENSMUSG00000028933	22.63845924	23.65098629	21.18453143	62.02024075	42.25548059
ENSMUSG00000028936	79.94205919	100.1688831	108.7472614	265.8010318	185.4943979
ENSMUSG00000028937	16.27139258	9.043024169	11.29841676	41.07834128	22.91822676
ENSMUSG00000028943	9.196874066	2.086851731	5.649208382	8.054576721	8.594335036
ENSMUSG00000028944	4.952162959	8.347406925	7.767661525	8.860034393	6.445751277
ENSMUSG00000028948	82.06441475	86.95215547	98.86114669	194.9207566	178.332452
ENSMUSG00000028949	4.244711108	8.347406925	7.767661525	4.832746033	4.297167518
ENSMUSG00000028952	49.52162959	46.60635533	84.73812573	90.21125927	65.17370736
ENSMUSG00000028953	22.63845924	31.99839321	28.95219296	56.38203705	46.55264811
ENSMUSG00000028954	32.54278516	50.08444155	46.60596915	82.96214023	64.45751277
ENSMUSG00000028957	11.31922962	10.43425866	12.00456781	7.249119049	9.310529622
ENSMUSG00000028958	13.44158517	12.52111039	12.00456781	5.638203705	5.729556691
ENSMUSG00000028959	19.80865184	31.30277597	38.13215658	64.43661377	59.44415067
ENSMUSG00000028960	58.71850365	84.1696865	74.14586002	73.29664816	78.06520991
ENSMUSG00000028961	24.05336294	30.60715873	26.12758877	69.2693598	50.84981563
ENSMUSG00000028962	14.14903703	25.04222078	26.12758877	24.16373016	32.22875639
ENSMUSG00000028964	11.31922962	27.82468975	15.53532305	12.08186508	25.06681052
ENSMUSG00000028965	15.56394073	22.95536904	12.71071886	20.1364418	17.18867007
ENSMUSG00000028967	9.196874066	8.347406925	7.767661525	4.02728836	5.729556691
ENSMUSG00000028969	18.39374813	21.56413456	16.2414741	29.80193387	20.769643
ENSMUSG00000028972	8.489422215	6.956172438	8.473812573	8.054576721	9.310529622
ENSMUSG00000028973	7.781970364	11.82549314	15.53532305	12.08186508	16.47247549
ENSMUSG00000028974	32.54278516	54.95376226	48.7244223	38.66196826	40.82309142
ENSMUSG00000028975	78.52715549	104.3425866	91.09348516	82.96214023	78.7814045
ENSMUSG00000028976	9.196874066	8.347406925	8.473812573	3.221830688	8.594335036
ENSMUSG00000028977	9.196874066	8.347406925	11.29841676	8.860034393	5.013362104
ENSMUSG00000028978	7.074518513	1.391234488	8.473812573	12.08186508	6.445751277
ENSMUSG00000028979	8.489422215	13.21672763	4.943057334	6.443661377	6.445751277
ENSMUSG00000028980	16.27139258	24.34660353	26.83373982	23.35827249	13.60769714
ENSMUSG00000028986	11.31922962	23.65098629	19.77222934	10.47094974	20.769643

ENSMUSG00000028988	6.367066661	3.478086219	7.767661525	7.249119049	5.729556691
ENSMUSG00000028990	22.63845924	34.78086219	36.71985448	83.7675979	64.45751277
ENSMUSG00000028991	61.54831106	82.77845201	78.3827663	95.84946298	84.51096119
ENSMUSG00000028992	15.56394073	47.99758982	37.42600553	71.68573282	55.86317773
ENSMUSG00000028995	26.1757185	34.78086219	26.83373982	47.52200265	29.36397804
ENSMUSG00000028999	28.29807405	43.12826911	28.95219296	47.52200265	36.5259239
ENSMUSG00000029001	7.781970364	8.347406925	2.118453143	4.832746033	5.729556691
ENSMUSG00000029003	7.074518513	1.391234488	6.35535943	7.249119049	2.148583759
ENSMUSG00000029004	130.8785925	159.2963488	137.6994543	279.4938122	211.9935976
ENSMUSG00000029009	23.34591109	27.82468975	20.47838039	51.54929101	37.95831308
ENSMUSG00000029012	24.76081479	48.69320706	34.60140134	34.6346799	37.24211849
ENSMUSG00000029014	50.93653329	82.08283477	72.73355792	151.4260424	143.9551119
ENSMUSG00000029016	21.93100739	37.56333116	27.53989086	47.52200265	35.80972932
ENSMUSG00000029017	21.22355554	41.73703463	37.42600553	58.79841006	47.2688427
ENSMUSG00000029020	38.90985182	57.04061399	44.48751601	46.71654498	41.53928601
ENSMUSG00000029022	66.50047402	72.34419335	67.79050059	86.18397091	73.76804239
ENSMUSG00000029026	11.31922962	9.043024169	6.35535943	4.832746033	7.161945863
ENSMUSG00000029028	126.6338814	138.4278315	153.2347774	211.8353678	179.7648412
ENSMUSG00000029029	31.12788146	51.47567604	38.13215658	33.02376456	35.80972932
ENSMUSG00000029030	50.22908144	65.38802092	76.26431316	39.46742593	41.53928601
ENSMUSG00000029032	6.367066661	2.782468975	8.473812573	5.638203705	7.87814045
ENSMUSG00000029033	26.88317035	35.47647943	38.83830763	66.04752911	52.99839939
ENSMUSG00000029036	52.35143699	93.90832791	84.03197468	182.8388916	151.8332523
ENSMUSG00000029044	9.196874066	4.173703463	4.236906287	5.638203705	7.87814045
ENSMUSG00000029047	12.73413332	25.04222078	23.30298458	19.33098413	22.20203218
ENSMUSG00000029049	72.86754068	108.51629	110.8657145	170.7570265	126.7664418
ENSMUSG00000029050	31.12788146	52.17129328	45.8998181	42.68925662	50.13362104
ENSMUSG00000029053	6.367066661	11.82549314	14.12302096	10.47094974	11.45911338
ENSMUSG00000029055	14.14903703	2.086851731	6.35535943	5.638203705	5.013362104
ENSMUSG00000029056	68.62282957	108.51629	92.50578726	161.8969921	131.7798039
ENSMUSG00000029060	11.31922962	17.39043109	12.71071886	11.27640741	13.60769714
ENSMUSG00000029062	36.78749627	61.21431745	36.71985448	106.3204127	108.1453825
ENSMUSG00000029063	13.44158517	19.47728283	16.2414741	24.16373016	34.37734014
ENSMUSG00000029064	168.3735406	159.2963488	189.9546318	299.630254	232.7632406
ENSMUSG00000029066	33.25023701	61.21431745	55.07978173	140.9550926	119.6044959
ENSMUSG00000029068	108.2401332	154.4270281	127.8133396	308.4902884	226.3174893
ENSMUSG00000029071	49.52162959	78.60474855	72.73355792	75.71302118	98.83485292
ENSMUSG00000029074	0	0	0	0	0
ENSMUSG00000029076	109.6550369	146.7752384	118.633376	231.1663519	173.3190899
ENSMUSG00000029082	15.56394073	16.69481385	15.53532305	6.443661377	8.594335036
ENSMUSG00000029086	9.904325918	2.782468975	7.767661525	8.860034393	7.87814045
ENSMUSG00000029088	8.489422215	4.173703463	6.35535943	4.832746033	4.297167518
ENSMUSG00000029090	4.244711108	9.043024169	6.35535943	4.832746033	5.729556691

ENSMUSG00000029093	12.73413332	13.21672763	7.767661525	8.860034393	6.445751277
ENSMUSG00000029094	15.56394073	14.60796212	7.767661525	10.47094974	9.310529622
ENSMUSG00000029095	7.781970364	1.391234488	4.236906287	8.860034393	9.310529622
ENSMUSG00000029096	4.244711108	5.56493795	6.35535943	3.221830688	5.013362104
ENSMUSG00000029097	19.10119998	29.21592424	36.71985448	53.16020636	46.55264811
ENSMUSG00000029098	14.14903703	20.86851731	26.12758877	25.77464551	22.91822676
ENSMUSG00000029101	9.904325918	7.651789682	4.943057334	8.860034393	10.02672421
ENSMUSG00000029103	40.32475552	61.9099347	65.67204744	46.71654498	43.68786977
ENSMUSG00000029104	41.73965922	49.38882431	52.25517753	93.43308996	81.64618284
ENSMUSG00000029106	0.707451851	3.478086219	3.530755239	0.805457672	1.432389173
ENSMUSG00000029108	4.244711108	4.173703463	1.412302096	3.221830688	7.161945863
ENSMUSG00000029110	159.8841184	165.556904	144.7609648	319.7666958	217.0069597
ENSMUSG00000029120	4.952162959	6.956172438	8.473812573	4.832746033	8.594335036
ENSMUSG00000029121	3.537259256	4.869320706	4.236906287	6.443661377	6.445751277
ENSMUSG00000029122	8.489422215	2.782468975	3.530755239	10.47094974	7.87814045
ENSMUSG00000029125	24.05336294	56.34499675	31.77679715	34.6346799	37.95831308
ENSMUSG00000029127	97.62835547	161.3832006	141.2302096	187.6716376	154.6980307
ENSMUSG00000029128	21.93100739	32.69401046	28.95219296	28.9964762	29.36397804
ENSMUSG00000029130	15.56394073	4.869320706	6.35535943	7.249119049	7.161945863
ENSMUSG00000029131	140.0754665	160.6875833	143.3486627	195.7262143	157.562809
ENSMUSG00000029134	7.074518513	7.651789682	5.649208382	7.249119049	7.87814045
ENSMUSG00000029135	10.61177777	3.478086219	6.35535943	7.249119049	7.161945863
ENSMUSG00000029141	65.08557032	103.6469693	89.68118307	112.7640741	113.8749392
ENSMUSG00000029142	25.46826665	35.47647943	21.18453143	50.74383334	40.82309142
ENSMUSG00000029144	1.414903703	2.782468975	1.412302096	0	2.148583759
ENSMUSG00000029145	48.81417774	73.0398106	60.02283906	122.4295662	112.4425501
ENSMUSG00000029146	39.61730367	74.43104508	66.37819849	128.0677699	100.2672421
ENSMUSG00000029147	70.74518513	111.298759	93.21193831	213.4462831	184.7782033
ENSMUSG00000029148	84.1867703	112.6899935	91.09348516	80.54576721	94.5376854
ENSMUSG00000029149	10.61177777	21.56413456	16.94762515	11.27640741	14.32389173
ENSMUSG00000029151	11.31922962	12.52111039	13.41686991	4.832746033	10.7429188
ENSMUSG00000029152	62.25576291	89.0390072	79.7950684	115.1804471	103.848215
ENSMUSG00000029153	9.904325918	3.478086219	4.943057334	7.249119049	5.013362104
ENSMUSG00000029154	12.73413332	9.738641413	4.943057334	4.02728836	7.87814045
ENSMUSG00000029155	8.489422215	5.56493795	4.943057334	7.249119049	5.013362104
ENSMUSG00000029162	9.904325918	9.738641413	14.829172	8.054576721	15.04008631
ENSMUSG00000029165	7.781970364	10.43425866	5.649208382	10.47094974	9.310529622
ENSMUSG00000029166	7.781970364	11.82549314	10.59226572	5.638203705	6.445751277
ENSMUSG00000029167	7.074518513	9.043024169	6.35535943	1.610915344	5.013362104
ENSMUSG00000029168	9.904325918	7.651789682	4.943057334	4.832746033	5.729556691
ENSMUSG00000029169	152.102148	167.6437558	153.2347774	277.0774392	202.6830679
ENSMUSG00000029171	13.44158517	18.78166558	21.18453143	20.1364418	20.769643
ENSMUSG00000029173	24.76081479	29.21592424	28.95219296	37.85651059	37.95831308

ENSMUSG00000029174	25.46826665	48.69320706	38.83830763	69.2693598	61.59273443
ENSMUSG00000029175	0	0	0	0	0
ENSMUSG00000029176	31.12788146	50.08444155	48.7244223	43.49471429	48.70123187
ENSMUSG00000029178	112.4848444	130.0804246	130.6379438	101.4876667	83.7947666
ENSMUSG00000029179	9.904325918	8.347406925	12.00456781	13.69278043	5.729556691
ENSMUSG00000029182	10.61177777	6.260555194	5.649208382	2.416373016	8.594335036
ENSMUSG00000029185	0.707451851	0.695617244	0	0	0.716194586
ENSMUSG00000029186	13.44158517	27.12907251	21.89068248	19.33098413	15.7562809
ENSMUSG00000029188	10.61177777	6.260555194	6.35535943	4.832746033	7.161945863
ENSMUSG00000029189	5.65961481	4.173703463	3.530755239	8.054576721	8.594335036
ENSMUSG00000029190	38.20239997	66.08363816	44.48751601	64.43661377	58.72795608
ENSMUSG00000029191	110.3624888	141.2103005	105.9226572	129.6786852	92.38910164
ENSMUSG00000029192	8.489422215	6.260555194	11.29841676	9.665492065	11.45911338
ENSMUSG00000029195	11.31922962	7.651789682	6.35535943	3.221830688	8.594335036
ENSMUSG00000029199	74.98989623	108.51629	105.9226572	264.9955741	204.8316517
ENSMUSG00000029201	22.63845924	33.3896277	31.77679715	28.19101852	22.91822676
ENSMUSG00000029202	72.86754068	94.60394515	82.61967259	226.3336059	157.562809
ENSMUSG00000029203	50.22908144	91.82147618	65.67204744	230.3608942	166.157144
ENSMUSG00000029205	21.22355554	13.91234488	15.53532305	13.69278043	7.161945863
ENSMUSG00000029206	5.65961481	8.347406925	5.649208382	7.249119049	6.445751277
ENSMUSG00000029207	7.074518513	8.347406925	3.530755239	7.249119049	8.594335036
ENSMUSG00000029208	12.73413332	20.17290007	16.94762515	28.19101852	27.21539428
ENSMUSG00000029209	21.22355554	41.73703463	29.65834401	25.77464551	29.36397804
ENSMUSG00000029211	7.781970364	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG00000029212	9.904325918	4.173703463	5.649208382	9.665492065	5.729556691
ENSMUSG00000029213	106.1177777	147.4708557	126.4010376	118.4022778	89.52432329
ENSMUSG00000029217	132.2934962	139.1234488	113.6903187	130.4841429	102.4158258
ENSMUSG00000029219	7.781970364	12.52111039	9.179963621	7.249119049	8.594335036
ENSMUSG00000029221	60.13340736	104.3425866	74.85201106	82.96214023	68.75468029
ENSMUSG00000029223	9.904325918	6.260555194	9.179963621	5.638203705	3.580972932
ENSMUSG00000029227	64.37811846	103.6469693	89.68118307	147.398754	124.617858
ENSMUSG00000029228	7.781970364	4.869320706	9.179963621	4.832746033	7.87814045
ENSMUSG00000029231	4.244711108	6.956172438	4.236906287	2.416373016	3.580972932
ENSMUSG00000029233	21.93100739	36.17209668	35.30755239	26.58010318	22.91822676
ENSMUSG00000029234	43.15456293	70.25734162	67.08434954	97.46037832	91.67290705
ENSMUSG00000029235	3.537259256	7.651789682	6.35535943	8.054576721	6.445751277
ENSMUSG00000029238	12.73413332	36.86771392	35.30755239	45.10562964	39.39070225
ENSMUSG00000029245	5.65961481	5.56493795	6.35535943	2.416373016	4.297167518
ENSMUSG00000029246	81.3569629	134.254128	123.5764334	238.4154709	213.4259867
ENSMUSG00000029247	75.69734809	137.7322143	96.0365425	258.5519127	213.4259867
ENSMUSG00000029248	6.367066661	7.651789682	9.179963621	3.221830688	2.148583759
ENSMUSG00000029249	26.88317035	46.60635533	29.65834401	57.18749472	62.30892901
ENSMUSG00000029253	45.98437033	77.21351406	55.78593277	108.7367857	88.80812871

ENSMUSG00000029254	106.1177777	156.5138799	133.462548	84.57305557	89.52432329
ENSMUSG00000029260	11.31922962	4.869320706	5.649208382	4.02728836	5.729556691
ENSMUSG00000029263	16.97884443	27.82468975	21.89068248	37.85651059	35.09353473
ENSMUSG00000029267	137.2456591	192.6859765	175.8316109	219.0844868	165.4409494
ENSMUSG00000029269	7.074518513	6.260555194	10.59226572	7.249119049	3.580972932
ENSMUSG00000029270	60.13340736	77.21351406	68.49665163	132.0950582	102.4158258
ENSMUSG00000029273	9.904325918	6.956172438	7.061510478	4.832746033	5.013362104
ENSMUSG00000029275	19.80865184	13.21672763	15.53532305	11.27640741	13.60769714
ENSMUSG00000029276	21.93100739	45.21512085	32.4829482	48.32746033	33.66114556
ENSMUSG00000029279	9.196874066	5.56493795	9.179963621	6.443661377	1.432389173
ENSMUSG00000029280	7.074518513	11.82549314	9.179963621	4.832746033	2.864778345
ENSMUSG00000029281	9.196874066	5.56493795	12.71071886	0.805457672	8.594335036
ENSMUSG00000029283	17.68629628	32.69401046	26.83373982	52.35474869	47.2688427
ENSMUSG00000029286	5.65961481	7.651789682	6.35535943	6.443661377	5.729556691
ENSMUSG00000029287	4.952162959	4.173703463	9.179963621	1.610915344	2.864778345
ENSMUSG00000029288	4.244711108	4.173703463	7.061510478	8.860034393	10.02672421
ENSMUSG00000029290	91.96874066	110.6031418	102.3919019	80.54576721	86.65954495
ENSMUSG00000029291	43.15456293	55.6493795	54.37363068	38.66196826	43.68786977
ENSMUSG00000029298	0	0	0	0.805457672	0
ENSMUSG00000029299	16.27139258	25.04222078	24.00913562	7.249119049	9.310529622
ENSMUSG00000029304	8.489422215	6.260555194	7.061510478	7.249119049	3.580972932
ENSMUSG00000029310	2.829807405	3.478086219	7.767661525	4.02728836	5.729556691
ENSMUSG00000029311	22.63845924	41.04141738	25.42143772	21.74735715	20.05344842
ENSMUSG00000029312	6.367066661	13.91234488	12.71071886	9.665492065	12.17530797
ENSMUSG00000029313	55.88869625	91.12585893	67.79050059	85.37851324	91.67290705
ENSMUSG00000029314	21.93100739	30.60715873	31.0706461	9.665492065	15.7562809
ENSMUSG00000029320	8.489422215	7.651789682	10.59226572	8.054576721	5.729556691
ENSMUSG00000029322	40.32475552	70.95295887	51.54902649	79.74030954	55.14698315
ENSMUSG00000029326	79.94205919	114.081228	112.9841676	199.7535027	165.4409494
ENSMUSG00000029328	119.5593629	150.9489419	100.9795998	298.8247963	219.1555434
ENSMUSG00000029333	131.5860443	146.0796212	139.8179075	53.96566403	51.56601022
ENSMUSG00000029334	9.196874066	9.738641413	9.179963621	4.02728836	4.297167518
ENSMUSG00000029338	16.27139258	22.2597518	19.06607829	9.665492065	15.7562809
ENSMUSG00000029343	9.196874066	7.651789682	12.71071886	4.832746033	16.47247549
ENSMUSG00000029344	55.1812444	75.82227957	72.02740687	138.5387196	98.83485292
ENSMUSG00000029345	41.73965922	62.60555194	62.1412922	76.51847885	73.05184781
ENSMUSG00000029346	15.56394073	27.12907251	21.89068248	45.10562964	50.84981563
ENSMUSG00000029348	3.537259256	9.043024169	4.236906287	4.832746033	6.445751277
ENSMUSG00000029352	4.952162959	6.956172438	5.649208382	6.443661377	5.729556691
ENSMUSG00000029359	5.65961481	2.782468975	9.179963621	4.02728836	4.297167518
ENSMUSG00000029360	9.904325918	7.651789682	7.061510478	11.27640741	12.89150255
ENSMUSG00000029361	6.367066661	3.478086219	3.530755239	4.832746033	7.87814045
ENSMUSG00000029363	18.39374813	20.17290007	19.06607829	54.7711217	42.97167518

ENSMUSG00000029364	12.73413332	32.69401046	31.77679715	20.1364418	24.35061594
ENSMUSG00000029366	24.05336294	40.34580014	29.65834401	49.93837567	52.2822048
ENSMUSG00000029368	12.73413332	8.347406925	7.767661525	4.02728836	5.013362104
ENSMUSG00000029369	5.65961481	6.956172438	8.473812573	10.47094974	7.87814045
ENSMUSG00000029370	13.44158517	13.21672763	14.829172	5.638203705	9.310529622
ENSMUSG00000029379	8.489422215	6.956172438	7.767661525	4.832746033	2.864778345
ENSMUSG00000029380	3.537259256	4.173703463	4.236906287	2.416373016	4.297167518
ENSMUSG00000029381	12.02668147	2.782468975	9.886114669	3.221830688	5.013362104
ENSMUSG00000029385	33.95768886	44.5195036	52.96132858	32.21830688	21.48583759
ENSMUSG00000029387	40.32475552	75.82227957	65.67204744	144.982381	119.6044959
ENSMUSG00000029388	50.93653329	81.38721752	67.08434954	132.9005159	126.0502472
ENSMUSG00000029389	19.80865184	23.65098629	25.42143772	69.2693598	55.14698315
ENSMUSG00000029390	45.98437033	84.86530374	58.61053696	200.5589604	164.0085603
ENSMUSG00000029392	7.781970364	4.869320706	4.236906287	6.443661377	7.87814045
ENSMUSG00000029394	21.93100739	31.30277597	26.83373982	176.3952302	136.0769714
ENSMUSG00000029397	53.7663407	61.9099347	47.3121202	58.79841006	48.70123187
ENSMUSG00000029403	7.074518513	9.738641413	12.71071886	8.054576721	6.445751277
ENSMUSG00000029404	41.03220737	60.51870021	55.07978173	78.93485187	77.34901533
ENSMUSG00000029405	87.72402956	105.0382038	108.7472614	173.1733995	112.4425501
ENSMUSG00000029406	24.05336294	37.56333116	45.19366706	47.52200265	40.82309142
ENSMUSG00000029407	79.94205919	92.51709342	76.97046421	99.87675134	97.40246374
ENSMUSG00000029408	5.65961481	9.043024169	6.35535943	8.860034393	7.87814045
ENSMUSG00000029413	19.10119998	42.43265187	32.4829482	18.52552646	27.93158887
ENSMUSG00000029414	100.4581629	147.4708557	111.5718655	293.1865926	199.8182896
ENSMUSG00000029416	12.02668147	19.47728283	19.77222934	8.054576721	10.02672421
ENSMUSG00000029420	12.73413332	3.478086219	5.649208382	5.638203705	10.02672421
ENSMUSG00000029422	154.9319554	200.3377662	163.8270431	378.5651059	251.3842998
ENSMUSG00000029423	11.31922962	7.651789682	8.473812573	8.054576721	11.45911338
ENSMUSG00000029427	61.54831106	89.0390072	78.3827663	103.9040397	81.64618284
ENSMUSG00000029428	12.73413332	27.82468975	26.12758877	14.4982381	17.18867007
ENSMUSG00000029430	43.15456293	63.99678643	64.25974535	219.8899445	153.9818361
ENSMUSG00000029432	7.781970364	17.39043109	10.59226572	12.08186508	12.17530797
ENSMUSG00000029433	4.244711108	7.651789682	1.412302096	3.221830688	6.445751277
ENSMUSG00000029434	42.44711108	92.51709342	67.79050059	71.68573282	64.45751277
ENSMUSG00000029437	4.952162959	7.651789682	9.179963621	8.860034393	10.02672421
ENSMUSG00000029439	73.57499253	127.9935729	139.1117564	153.8424154	138.9417498
ENSMUSG00000029440	26.88317035	49.38882431	36.71985448	45.91108731	49.41742646
ENSMUSG00000029442	5.65961481	9.043024169	7.767661525	5.638203705	8.594335036
ENSMUSG00000029445	12.73413332	9.043024169	7.061510478	9.665492065	7.87814045
ENSMUSG00000029446	58.0110518	64.69240367	66.37819849	199.7535027	174.0352845
ENSMUSG00000029449	118.1444592	125.9067211	141.2302096	164.3133651	124.617858
ENSMUSG00000029451	7.781970364	5.56493795	4.943057334	6.443661377	7.161945863
ENSMUSG00000029452	14.14903703	38.25894841	26.83373982	94.23854763	91.67290705

ENSMUSG00000029454	82.7718666	116.863697	112.2780166	138.5387196	115.3073284
ENSMUSG00000029455	59.42595551	82.77845201	72.02740687	28.9964762	42.97167518
ENSMUSG00000029456	45.98437033	71.64857611	86.85657888	70.88027514	73.76804239
ENSMUSG00000029458	59.42595551	81.38721752	84.73812573	69.2693598	76.63282074
ENSMUSG00000029461	33.25023701	52.17129328	36.01370344	27.38556085	32.94495097
ENSMUSG00000029462	47.39927403	63.99678643	69.20280268	73.29664816	65.88990194
ENSMUSG00000029464	39.61730367	62.60555194	55.78593277	75.71302118	83.07857202
ENSMUSG00000029465	82.06441475	129.3848073	120.0456781	158.6751614	131.7798039
ENSMUSG00000029466	78.52715549	122.4286349	96.0365425	86.18397091	76.63282074
ENSMUSG00000029467	21.22355554	45.91073809	43.07521391	151.4260424	134.6445822
ENSMUSG00000029468	9.196874066	8.347406925	5.649208382	4.832746033	5.729556691
ENSMUSG00000029469	9.904325918	8.347406925	4.943057334	5.638203705	2.864778345
ENSMUSG00000029470	26.88317035	47.99758982	53.66747963	35.44013757	40.10689684
ENSMUSG00000029471	23.34591109	36.17209668	29.65834401	41.88379895	39.39070225
ENSMUSG00000029472	40.32475552	43.12826911	37.42600553	91.01671695	75.20043157
ENSMUSG00000029475	10.61177777	11.1298759	9.886114669	15.30369577	15.7562809
ENSMUSG00000029477	9.904325918	13.91234488	8.473812573	6.443661377	5.013362104
ENSMUSG00000029478	33.95768886	68.17048989	57.19823487	85.37851324	77.34901533
ENSMUSG00000029480	46.69182218	73.0398106	70.61510478	83.7675979	74.48423698
ENSMUSG00000029484	12.02668147	4.173703463	7.061510478	3.221830688	2.864778345
ENSMUSG00000029486	27.5906222	52.86691053	57.90438592	91.01671695	72.33565322
ENSMUSG00000029499	17.68629628	16.69481385	13.41686991	53.96566403	33.66114556
ENSMUSG00000029500	67.20792587	110.6031418	72.02740687	178.0061455	141.8065281
ENSMUSG00000029501	26.1757185	35.47647943	36.01370344	101.4876667	83.7947666
ENSMUSG00000029502	55.88869625	90.43024169	67.79050059	54.7711217	64.45751277
ENSMUSG00000029503	9.904325918	6.260555194	7.767661525	5.638203705	3.580972932
ENSMUSG00000029505	110.3624888	127.2979556	106.6288082	254.5246244	148.968474
ENSMUSG00000029507	36.08004441	50.08444155	50.84287544	136.1223466	113.8749392
ENSMUSG00000029510	5.65961481	8.347406925	12.00456781	5.638203705	7.161945863
ENSMUSG00000029512	16.97884443	27.12907251	43.07521391	27.38556085	15.7562809
ENSMUSG00000029513	24.76081479	41.73703463	38.13215658	46.71654498	48.70123187
ENSMUSG00000029516	24.76081479	25.73783802	25.42143772	70.88027514	50.13362104
ENSMUSG00000029517	8.489422215	9.738641413	14.12302096	7.249119049	12.17530797
ENSMUSG00000029518	107.5326814	123.8198694	120.7518292	470.3872805	317.9903963
ENSMUSG00000029522	4.244711108	6.260555194	7.767661525	6.443661377	5.013362104
ENSMUSG00000029524	12.02668147	18.78166558	23.30298458	20.1364418	24.35061594
ENSMUSG00000029528	64.37811846	104.3425866	105.9226572	172.3679418	134.6445822
ENSMUSG00000029530	0.707451851	0	0.706151048	0	0
ENSMUSG00000029534	0	0	0	0	0
ENSMUSG00000029538	120.2668147	149.5577074	131.3440949	227.1390635	196.2373167
ENSMUSG00000029541	4.952162959	6.956172438	5.649208382	8.054576721	9.310529622
ENSMUSG00000029544	6.367066661	8.347406925	6.35535943	7.249119049	12.89150255
ENSMUSG00000029545	14.14903703	28.52030699	24.00913562	32.21830688	18.62105924



ENSMUSG00000029546	5.65961481	2.782468975	4.943057334	3.221830688	2.148583759
ENSMUSG00000029547	40.32475552	55.6493795	49.43057334	66.85298678	55.14698315
ENSMUSG00000029550	105.4103258	145.3840039	120.0456781	165.1188228	121.0368851
ENSMUSG00000029551	0.707451851	0.695617244	0	0.805457672	0
ENSMUSG00000029552	35.37259256	30.60715873	27.53989086	42.68925662	57.29556691
ENSMUSG00000029553	11.31922962	10.43425866	14.829172	5.638203705	7.87814045
ENSMUSG00000029554	62.25576291	116.863697	88.97503202	132.0950582	111.7263555
ENSMUSG00000029556	7.781970364	4.869320706	9.179963621	10.47094974	7.161945863
ENSMUSG00000029559	35.37259256	63.99678643	62.84744325	70.07481747	52.99839939
ENSMUSG00000029560	81.3569629	101.5601176	86.15042783	207.0026217	152.5494469
ENSMUSG00000029561	13.44158517	11.82549314	14.12302096	30.60739154	18.62105924
ENSMUSG00000029563	12.02668147	4.869320706	4.943057334	0.805457672	5.013362104
ENSMUSG00000029564	0.707451851	2.086851731	0.706151048	4.832746033	1.432389173
ENSMUSG00000029571	38.90985182	68.17048989	66.37819849	47.52200265	32.22875639
ENSMUSG00000029575	8.489422215	14.60796212	13.41686991	25.77464551	24.35061594
ENSMUSG00000029576	9.196874066	5.56493795	3.530755239	8.860034393	3.580972932
ENSMUSG00000029577	118.851911	169.7306075	144.7609648	155.4533307	114.5911338
ENSMUSG00000029578	83.47931845	132.1672763	108.0411103	83.7675979	75.91662615
ENSMUSG00000029580	103.2879703	137.036597	143.3486627	398.7015477	272.8701374
ENSMUSG00000029581	8.489422215	5.56493795	3.530755239	8.860034393	6.445751277
ENSMUSG00000029587	11.31922962	29.21592424	28.95219296	21.74735715	22.20203218
ENSMUSG00000029591	7.074518513	14.60796212	8.473812573	30.60739154	28.64778345
ENSMUSG00000029592	26.88317035	47.99758982	57.90438592	36.24559524	43.68786977
ENSMUSG00000029594	15.56394073	28.52030699	23.30298458	64.43661377	52.99839939
ENSMUSG00000029596	10.61177777	5.56493795	8.473812573	5.638203705	6.445751277
ENSMUSG00000029597	11.31922962	8.347406925	5.649208382	5.638203705	5.729556691
ENSMUSG00000029598	40.32475552	54.25814501	36.01370344	38.66196826	42.97167518
ENSMUSG00000029599	102.5805184	136.3409798	111.5718655	177.2006879	158.9951982
ENSMUSG00000029600	60.13340736	94.60394515	63.5535943	139.3441773	102.4158258
ENSMUSG00000029601	19.10119998	18.08604834	31.0706461	12.08186508	16.47247549
ENSMUSG00000029602	6.367066661	5.56493795	4.943057334	13.69278043	10.7429188
ENSMUSG00000029603	93.38364437	142.601535	117.2210739	105.514955	109.5777717
ENSMUSG00000029605	96.21345177	138.4278315	138.4056054	135.3168889	104.5644096
ENSMUSG00000029607	16.97884443	19.47728283	22.59683353	13.69278043	18.62105924
ENSMUSG00000029608	5.65961481	5.56493795	10.59226572	8.860034393	10.02672421
ENSMUSG00000029610	79.94205919	102.9513521	81.91352154	210.2244524	168.3057278
ENSMUSG00000029613	79.23460734	89.73462445	93.21193831	86.98942859	79.49759908
ENSMUSG00000029614	1.414903703	2.782468975	2.118453143	1.610915344	1.432389173
ENSMUSG00000029617	33.25023701	63.30116918	55.07978173	96.65492065	71.61945863
ENSMUSG00000029618	14.14903703	7.651789682	5.649208382	8.860034393	5.013362104
ENSMUSG00000029621	121.6817184	143.9927695	146.1732669	140.1496349	136.793166
ENSMUSG00000029622	70.03773327	69.56172438	78.3827663	157.8697037	131.0636093
ENSMUSG00000029623	94.09109622	130.0804246	115.8087718	252.1082514	196.9535112

ENSMUSG00000029624	100.4581629	141.2103005	124.2825844	166.7297381	146.8198902
ENSMUSG00000029625	87.72402956	137.036597	116.5149229	204.5862487	161.1437819
ENSMUSG00000029627	46.69182218	69.56172438	48.01827125	69.2693598	61.59273443
ENSMUSG00000029629	59.42595551	68.86610713	79.7950684	63.6311561	61.59273443
ENSMUSG00000029630	15.56394073	4.173703463	9.886114669	9.665492065	5.729556691
ENSMUSG00000029634	36.78749627	44.5195036	48.7244223	74.10210583	53.71459398
ENSMUSG00000029635	46.69182218	74.43104508	52.25517753	111.9586164	83.07857202
ENSMUSG00000029636	6.367066661	4.173703463	6.35535943	2.416373016	6.445751277
ENSMUSG00000029638	140.0754665	169.0349902	145.4671158	137.7332619	126.0502472
ENSMUSG00000029640	81.3569629	121.7330177	96.74269354	95.84946298	88.09193412
ENSMUSG00000029642	142.905274	225.379987	175.8316109	256.1355397	185.4943979
ENSMUSG00000029647	86.30912585	153.0357936	96.0365425	238.4154709	186.926787
ENSMUSG00000029648	3.537259256	4.173703463	6.35535943	7.249119049	3.580972932
ENSMUSG00000029649	55.1812444	83.47406925	78.3827663	175.5897725	119.6044959
ENSMUSG00000029650	7.074518513	22.95536904	19.77222934	11.27640741	7.87814045
ENSMUSG00000029651	8.489422215	6.260555194	10.59226572	8.054576721	6.445751277
ENSMUSG00000029655	118.1444592	138.4278315	125.6948865	235.9990979	186.2105924
ENSMUSG00000029656	8.489422215	4.869320706	7.767661525	3.221830688	6.445751277
ENSMUSG00000029657	29.0055259	45.21512085	36.71985448	108.7367857	68.0384857
ENSMUSG00000029658	8.489422215	3.478086219	5.649208382	8.054576721	5.729556691
ENSMUSG00000029659	9.904325918	4.869320706	6.35535943	5.638203705	5.729556691
ENSMUSG00000029660	7.074518513	5.56493795	4.943057334	6.443661377	7.87814045
ENSMUSG00000029661	5.65961481	6.260555194	12.00456781	5.638203705	10.02672421
ENSMUSG00000029663	14.14903703	6.956172438	14.829172	5.638203705	2.864778345
ENSMUSG00000029664	8.489422215	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG00000029669	10.61177777	8.347406925	9.886114669	1.610915344	7.161945863
ENSMUSG00000029670	16.97884443	28.52030699	21.18453143	33.82922223	32.94495097
ENSMUSG00000029671	5.65961481	11.82549314	1.412302096	7.249119049	6.445751277
ENSMUSG00000029672	106.8252295	105.7338211	110.8657145	170.7570265	109.5777717
ENSMUSG00000029673	7.074518513	9.043024169	7.767661525	4.832746033	7.87814045
ENSMUSG00000029674	7.781970364	6.260555194	16.2414741	11.27640741	13.60769714
ENSMUSG00000029676	50.93653329	85.56092098	56.49208382	56.38203705	51.56601022
ENSMUSG00000029681	33.95768886	50.08444155	48.01827125	61.21478308	59.44415067
ENSMUSG00000029684	79.94205919	117.5593142	92.50578726	148.2042117	108.8615771
ENSMUSG00000029685	21.22355554	47.30197258	28.24604191	37.85651059	43.68786977
ENSMUSG00000029686	24.05336294	23.65098629	26.83373982	86.18397091	66.60609653
ENSMUSG00000029695	8.489422215	9.738641413	9.886114669	5.638203705	12.89150255
ENSMUSG00000029699	8.489422215	8.347406925	6.35535943	8.860034393	9.310529622
ENSMUSG00000029700	11.31922962	11.82549314	7.767661525	1.610915344	12.17530797
ENSMUSG00000029701	35.37259256	35.47647943	47.3121202	58.79841006	45.83645353
ENSMUSG00000029703	67.20792587	82.77845201	61.43514116	60.40932541	73.76804239
ENSMUSG00000029705	120.9742666	127.2979556	133.462548	71.68573282	72.33565322
ENSMUSG00000029706	9.904325918	5.56493795	7.061510478	6.443661377	10.7429188

ENSMUSG00000029710	5.65961481	6.956172438	5.649208382	6.443661377	6.445751277
ENSMUSG00000029711	0	0	0	0	0
ENSMUSG00000029712	4.952162959	12.52111039	7.061510478	8.860034393	10.7429188
ENSMUSG00000029713	0.707451851	2.086851731	0	0	0.716194586
ENSMUSG00000029714	79.94205919	95.2995624	120.0456781	81.35122488	70.90326405
ENSMUSG00000029716	7.074518513	8.347406925	7.061510478	5.638203705	5.729556691
ENSMUSG00000029718	9.196874066	11.82549314	8.473812573	8.860034393	7.87814045
ENSMUSG00000029720	1.414903703	1.391234488	2.824604191	1.610915344	2.148583759
ENSMUSG00000029722	28.29807405	27.82468975	30.36449505	43.49471429	35.09353473
ENSMUSG00000029723	53.7663407	85.56092098	94.6242404	122.4295662	100.9834367
ENSMUSG00000029725	29.0055259	32.69401046	41.66291182	34.6346799	37.95831308
ENSMUSG00000029726	50.93653329	59.82308296	70.61510478	137.7332619	101.6996313
ENSMUSG00000029729	92.67619252	112.6899935	109.4534124	134.5114312	122.4692743
ENSMUSG00000029730	19.80865184	38.95456565	28.95219296	115.1804471	90.24051788
ENSMUSG00000029735	6.367066661	15.99919661	17.65377619	11.27640741	17.18867007
ENSMUSG00000029736	7.781970364	10.43425866	6.35535943	3.221830688	10.02672421
ENSMUSG00000029752	7.781970364	6.260555194	10.59226572	23.35827249	20.769643
ENSMUSG00000029754	7.781970364	4.173703463	5.649208382	6.443661377	2.864778345
ENSMUSG00000029755	10.61177777	4.869320706	8.473812573	8.860034393	6.445751277
ENSMUSG00000029757	12.73413332	5.56493795	9.179963621	4.832746033	10.02672421
ENSMUSG00000029761	10.61177777	8.347406925	7.767661525	6.443661377	7.161945863
ENSMUSG00000029763	38.90985182	70.95295887	62.84744325	63.6311561	58.72795608
ENSMUSG00000029765	4.952162959	6.956172438	3.530755239	4.02728836	8.594335036
ENSMUSG00000029767	62.96321476	82.08283477	88.97503202	88.60034393	70.18706946
ENSMUSG00000029769	0	0	0	0.805457672	0
ENSMUSG00000029771	51.64398514	73.73542784	91.09348516	160.2860767	128.9150255
ENSMUSG00000029772	21.22355554	27.12907251	15.53532305	32.21830688	32.94495097
ENSMUSG00000029775	21.22355554	52.17129328	36.71985448	36.24559524	30.08017263
ENSMUSG00000029776	5.65961481	4.869320706	4.943057334	2.416373016	5.013362104
ENSMUSG00000029777	60.13340736	112.6899935	70.61510478	127.2623122	130.3474147
ENSMUSG00000029778	7.074518513	2.086851731	7.767661525	4.832746033	4.297167518
ENSMUSG00000029780	41.73965922	79.99598303	65.67204744	80.54576721	73.76804239
ENSMUSG00000029782	24.05336294	34.08524495	31.0706461	53.96566403	32.94495097
ENSMUSG00000029784	16.27139258	22.2597518	31.77679715	42.68925662	43.68786977
ENSMUSG00000029787	70.03773327	116.1680797	80.50121945	126.4568545	91.67290705
ENSMUSG00000029788	11.31922962	9.043024169	6.35535943	4.832746033	7.87814045
ENSMUSG00000029790	14.14903703	8.347406925	12.00456781	24.96918783	15.04008631
ENSMUSG00000029798	16.97884443	28.52030699	21.18453143	56.38203705	49.41742646
ENSMUSG00000029802	12.02668147	5.56493795	4.236906287	9.665492065	3.580972932
ENSMUSG00000029804	14.85648888	26.43345526	21.18453143	25.77464551	13.60769714
ENSMUSG00000029810	7.781970364	9.738641413	10.59226572	41.07834128	32.22875639
ENSMUSG00000029811	2.829807405	5.56493795	2.118453143	5.638203705	2.864778345
ENSMUSG00000029814	6.367066661	6.956172438	8.473812573	22.55281482	17.18867007

ENSMUSG00000029815	78.52715549	146.7752384	114.3964697	106.3204127	108.8615771
ENSMUSG00000029816	9.904325918	6.260555194	9.179963621	6.443661377	5.013362104
ENSMUSG00000029817	89.13893326	119.6461659	88.26888097	189.2825529	128.9150255
ENSMUSG00000029821	8.489422215	2.782468975	7.767661525	5.638203705	7.161945863
ENSMUSG00000029822	7.074518513	5.56493795	7.767661525	5.638203705	9.310529622
ENSMUSG00000029823	36.78749627	69.56172438	48.7244223	148.2042117	118.8883013
ENSMUSG00000029826	120.2668147	134.9497453	120.0456781	288.3538466	220.5879326
ENSMUSG00000029830	6.367066661	4.173703463	7.061510478	4.02728836	5.013362104
ENSMUSG00000029832	4.952162959	13.21672763	4.236906287	3.221830688	5.013362104
ENSMUSG00000029833	25.46826665	36.17209668	36.71985448	100.682209	73.05184781
ENSMUSG00000029836	95.50599992	158.6007316	119.3395271	351.179545	249.235716
ENSMUSG00000029838	9.196874066	6.956172438	7.061510478	4.832746033	6.445751277
ENSMUSG00000029847	12.73413332	6.260555194	4.943057334	6.443661377	10.02672421
ENSMUSG00000029848	9.196874066	3.478086219	5.649208382	5.638203705	5.013362104
ENSMUSG00000029860	9.196874066	17.39043109	14.12302096	10.47094974	11.45911338
ENSMUSG00000029861	5.65961481	6.956172438	6.35535943	7.249119049	6.445751277
ENSMUSG00000029862	4.244711108	9.043024169	9.886114669	8.054576721	7.87814045
ENSMUSG00000029863	75.69734809	101.5601176	88.97503202	119.2077355	99.5510475
ENSMUSG00000029866	5.65961481	6.260555194	12.00456781	4.02728836	7.87814045
ENSMUSG00000029868	6.367066661	8.347406925	3.530755239	3.221830688	10.7429188
ENSMUSG00000029878	9.196874066	9.043024169	5.649208382	8.860034393	8.594335036
ENSMUSG00000029883	4.952162959	8.347406925	10.59226572	5.638203705	3.580972932
ENSMUSG00000029910	10.61177777	13.21672763	16.94762515	73.29664816	63.74131818
ENSMUSG00000029911	23.34591109	41.73703463	36.71985448	56.38203705	48.70123187
ENSMUSG00000029913	6.367066661	4.173703463	7.767661525	8.054576721	10.02672421
ENSMUSG00000029915	8.489422215	9.043024169	7.767661525	5.638203705	7.87814045
ENSMUSG00000029916	20.51610369	21.56413456	18.35992724	41.88379895	38.67450766
ENSMUSG00000029917	4.244711108	5.56493795	6.35535943	5.638203705	5.013362104
ENSMUSG00000029922	31.83533331	48.69320706	38.13215658	45.91108731	43.68786977
ENSMUSG00000029924	32.54278516	61.21431745	46.60596915	40.2728836	36.5259239
ENSMUSG00000029925	24.76081479	39.6501829	40.95676077	101.4876667	89.52432329
ENSMUSG00000029992	30.4204296	46.60635533	42.36906287	70.07481747	60.16034525
ENSMUSG00000029993	27.5906222	36.17209668	34.60140134	46.71654498	42.25548059
ENSMUSG00000029994	7.781970364	6.956172438	8.473812573	6.443661377	10.02672421
ENSMUSG00000029998	14.14903703	20.86851731	21.89068248	19.33098413	15.7562809
ENSMUSG00000029999	6.367066661	6.956172438	8.473812573	3.221830688	5.729556691
ENSMUSG00000030000	7.781970364	6.260555194	9.179963621	5.638203705	9.310529622
ENSMUSG00000030002	139.3680147	160.6875833	147.585569	185.2552646	156.8466144
ENSMUSG00000030016	92.67619252	118.9505487	104.5103551	124.0404815	116.7397176
ENSMUSG00000030020	14.14903703	9.738641413	4.236906287	4.832746033	7.161945863
ENSMUSG00000030022	9.196874066	6.260555194	5.649208382	7.249119049	4.297167518
ENSMUSG00000030029	4.952162959	9.043024169	7.061510478	5.638203705	5.013362104
ENSMUSG00000030031	12.02668147	27.12907251	19.77222934	27.38556085	28.64778345

ENSMUSG00000030032	12.73413332	9.738641413	9.179963621	6.443661377	9.310529622
ENSMUSG00000030034	25.46826665	33.3896277	31.0706461	21.74735715	17.90486466
ENSMUSG00000030035	31.12788146	36.86771392	41.66291182	22.55281482	23.63442135
ENSMUSG00000030042	18.39374813	29.91154148	22.59683353	42.68925662	30.08017263
ENSMUSG00000030043	6.367066661	4.173703463	11.29841676	5.638203705	5.013362104
ENSMUSG00000030045	19.80865184	34.08524495	21.89068248	56.38203705	46.55264811
ENSMUSG00000030047	124.5115258	138.4278315	110.8657145	178.0061455	118.8883013
ENSMUSG00000030051	12.02668147	21.56413456	19.06607829	25.77464551	23.63442135
ENSMUSG00000030055	43.15456293	35.47647943	39.54445867	68.46390213	71.61945863
ENSMUSG00000030057	159.1766665	208.6851731	155.3532305	322.9885265	248.5195215
ENSMUSG00000030058	45.98437033	59.82308296	50.13672439	119.2077355	96.68626916
ENSMUSG00000030059	101.8730666	157.9051143	134.8748501	167.5351958	126.7664418
ENSMUSG00000030060	12.73413332	21.56413456	21.89068248	15.30369577	10.7429188
ENSMUSG00000030061	77.81970364	101.5601176	103.098053	91.01671695	102.4158258
ENSMUSG00000030064	9.196874066	4.869320706	9.886114669	4.02728836	7.87814045
ENSMUSG00000030067	12.73413332	20.17290007	13.41686991	12.88732275	10.7429188
ENSMUSG00000030068	0	0	0	0	0
ENSMUSG00000030069	8.489422215	4.173703463	6.35535943	4.832746033	3.580972932
ENSMUSG00000030075	11.31922962	8.347406925	7.061510478	5.638203705	6.445751277
ENSMUSG00000030077	9.196874066	6.260555194	9.179963621	5.638203705	9.310529622
ENSMUSG00000030079	29.0055259	55.6493795	32.4829482	107.1258704	87.37573953
ENSMUSG00000030082	46.69182218	80.69160028	69.90895373	170.7570265	140.3741389
ENSMUSG00000030083	21.22355554	25.04222078	31.77679715	16.10915344	15.7562809
ENSMUSG00000030084	10.61177777	5.56493795	7.061510478	23.35827249	12.89150255
ENSMUSG00000030086	4.244711108	9.043024169	4.943057334	12.08186508	6.445751277
ENSMUSG00000030087	9.904325918	4.173703463	7.061510478	6.443661377	7.161945863
ENSMUSG00000030088	7.781970364	4.869320706	3.530755239	6.443661377	7.161945863
ENSMUSG00000030089	4.952162959	7.651789682	12.71071886	4.02728836	7.161945863
ENSMUSG00000030091	47.39927403	70.95295887	77.67661525	186.8661799	160.4275873
ENSMUSG00000030092	7.781970364	10.43425866	5.649208382	2.416373016	5.729556691
ENSMUSG00000030095	47.39927403	78.60474855	76.26431316	111.9586164	108.8615771
ENSMUSG00000030098	7.074518513	9.738641413	12.00456781	7.249119049	7.161945863
ENSMUSG00000030101	49.52162959	94.60394515	79.7950684	48.32746033	44.40406435
ENSMUSG00000030102	50.22908144	66.08363816	61.43514116	91.82217462	62.30892901
ENSMUSG00000030103	12.73413332	17.39043109	17.65377619	70.07481747	59.44415067
ENSMUSG00000030107	17.68629628	25.73783802	19.77222934	70.88027514	43.68786977
ENSMUSG00000030108	9.904325918	4.173703463	8.473812573	5.638203705	7.87814045
ENSMUSG00000030109	6.367066661	10.43425866	5.649208382	4.02728836	5.013362104
ENSMUSG00000030110	4.952162959	7.651789682	3.530755239	7.249119049	5.729556691
ENSMUSG00000030116	6.367066661	9.043024169	5.649208382	5.638203705	7.161945863
ENSMUSG00000030120	23.34591109	43.82388636	28.24604191	45.10562964	41.53928601
ENSMUSG00000030122	7.781970364	19.47728283	15.53532305	9.665492065	13.60769714
ENSMUSG00000030123	6.367066661	18.08604834	17.65377619	78.93485187	72.33565322

ENSMUSG00000030125	9.196874066	15.30357936	10.59226572	8.054576721	8.594335036
ENSMUSG00000030126	26.1757185	45.21512085	40.95676077	48.32746033	47.2688427
ENSMUSG00000030127	17.68629628	34.78086219	34.60140134	87.79488626	78.7814045
ENSMUSG00000030134	5.65961481	9.043024169	3.530755239	4.02728836	10.02672421
ENSMUSG00000030142	9.196874066	6.956172438	6.35535943	6.443661377	2.148583759
ENSMUSG00000030145	4.952162959	4.173703463	8.473812573	6.443661377	7.87814045
ENSMUSG00000030147	6.367066661	7.651789682	9.179963621	8.860034393	9.310529622
ENSMUSG00000030148	4.952162959	9.043024169	4.943057334	4.832746033	9.310529622
ENSMUSG00000030149	6.367066661	9.738641413	5.649208382	1.610915344	7.161945863
ENSMUSG00000030154	14.85648888	11.82549314	7.061510478	2.416373016	10.7429188
ENSMUSG00000030158	6.367066661	8.347406925	6.35535943	8.860034393	10.7429188
ENSMUSG00000030159	7.781970364	9.738641413	5.649208382	6.443661377	5.729556691
ENSMUSG00000030162	4.244711108	8.347406925	4.236906287	9.665492065	5.013362104
ENSMUSG00000030165	6.367066661	8.347406925	4.236906287	6.443661377	5.013362104
ENSMUSG00000030166	50.22908144	68.86610713	64.25974535	66.85298678	65.17370736
ENSMUSG00000030167	7.074518513	8.347406925	8.473812573	3.221830688	9.310529622
ENSMUSG00000030168	7.781970364	9.043024169	7.061510478	5.638203705	9.310529622
ENSMUSG00000030170	2.829807405	7.651789682	8.473812573	7.249119049	5.013362104
ENSMUSG00000030172	13.44158517	20.86851731	14.12302096	11.27640741	12.89150255
ENSMUSG00000030173	4.244711108	4.869320706	10.59226572	6.443661377	6.445751277
ENSMUSG00000030177	94.79854807	137.036597	123.5764334	213.4462831	160.4275873
ENSMUSG00000030180	85.601674	141.2103005	111.5718655	200.5589604	158.2790036
ENSMUSG00000030187	8.489422215	6.260555194	6.35535943	4.832746033	8.594335036
ENSMUSG00000030188	13.44158517	28.52030699	21.89068248	28.19101852	25.78300511
ENSMUSG00000030189	31.12788146	53.56252777	60.72899011	136.1223466	120.3206905
ENSMUSG00000030199	22.63845924	24.34660353	26.83373982	101.4876667	63.0251236
ENSMUSG00000030200	12.73413332	4.173703463	9.179963621	5.638203705	10.7429188
ENSMUSG00000030201	79.23460734	123.8198694	118.633376	111.1531587	96.68626916
ENSMUSG00000030203	19.10119998	40.34580014	24.00913562	29.80193387	37.24211849
ENSMUSG00000030204	58.0110518	67.47487265	67.08434954	114.3749894	93.10529622
ENSMUSG00000030205	8.489422215	6.956172438	6.35535943	8.860034393	6.445751277
ENSMUSG00000030206	9.196874066	11.82549314	7.061510478	4.832746033	5.013362104
ENSMUSG00000030207	9.904325918	9.043024169	7.767661525	7.249119049	10.7429188
ENSMUSG00000030208	4.952162959	5.56493795	10.59226572	8.054576721	6.445751277
ENSMUSG00000030209	9.196874066	6.260555194	8.473812573	7.249119049	7.87814045
ENSMUSG00000030213	54.47379255	72.34419335	58.61053696	74.9075635	59.44415067
ENSMUSG00000030216	49.52162959	79.99598303	73.43970897	152.2315	128.198831
ENSMUSG00000030219	16.97884443	15.99919661	28.24604191	13.69278043	20.05344842
ENSMUSG00000030220	104.702874	121.0374004	129.9317928	187.6716376	158.2790036
ENSMUSG00000030222	11.31922962	8.347406925	7.061510478	5.638203705	3.580972932
ENSMUSG00000030223	7.074518513	5.56493795	9.179963621	9.665492065	4.297167518
ENSMUSG00000030224	92.67619252	110.6031418	108.0411103	200.5589604	171.8867007
ENSMUSG00000030225	25.46826665	51.47567604	59.31668801	30.60739154	33.66114556

ENSMUSG00000030226	12.73413332	11.1298759	4.943057334	6.443661377	7.87814045
ENSMUSG00000030228	9.904325918	11.82549314	7.767661525	4.02728836	6.445751277
ENSMUSG00000030230	7.074518513	7.651789682	6.35535943	1.610915344	5.013362104
ENSMUSG00000030231	8.489422215	5.56493795	3.530755239	8.860034393	10.7429188
ENSMUSG00000030232	26.1757185	36.17209668	30.36449505	109.5422434	95.25387998
ENSMUSG00000030235	13.44158517	8.347406925	12.00456781	6.443661377	9.310529622
ENSMUSG00000030236	12.02668147	11.1298759	7.061510478	4.02728836	6.445751277
ENSMUSG00000030237	3.537259256	6.956172438	4.236906287	1.610915344	5.013362104
ENSMUSG00000030243	96.21345177	150.2533247	127.8133396	169.9515688	133.9283876
ENSMUSG00000030245	109.6550369	154.4270281	129.9317928	175.5897725	147.5360848
ENSMUSG00000030246	9.196874066	11.1298759	2.824604191	4.02728836	5.729556691
ENSMUSG00000030249	9.904325918	4.173703463	9.886114669	8.054576721	4.297167518
ENSMUSG00000030254	22.63845924	40.34580014	43.07521391	86.98942859	78.06520991
ENSMUSG00000030255	8.489422215	10.43425866	16.2414741	12.08186508	17.18867007
ENSMUSG00000030256	13.44158517	16.69481385	19.77222934	44.30017197	29.36397804
ENSMUSG00000030257	14.14903703	11.1298759	5.649208382	8.860034393	10.02672421
ENSMUSG00000030259	4.244711108	4.173703463	3.530755239	4.832746033	6.445751277
ENSMUSG00000030263	8.489422215	17.39043109	13.41686991	16.91461111	17.18867007
ENSMUSG00000030264	24.05336294	34.08524495	26.12758877	115.1804471	92.38910164
ENSMUSG00000030265	30.4204296	40.34580014	39.54445867	99.07129367	85.22715578
ENSMUSG00000030268	18.39374813	19.47728283	17.65377619	41.88379895	35.09353473
ENSMUSG00000030269	103.2879703	117.5593142	119.3395271	173.9788572	123.9016634
ENSMUSG00000030270	7.781970364	2.782468975	9.886114669	7.249119049	8.594335036
ENSMUSG00000030271	17.68629628	24.34660353	24.71528667	32.21830688	37.95831308
ENSMUSG00000030272	6.367066661	7.651789682	8.473812573	8.860034393	10.7429188
ENSMUSG00000030276	12.02668147	12.52111039	14.12302096	13.69278043	14.32389173
ENSMUSG00000030278	13.44158517	8.347406925	2.118453143	8.054576721	10.7429188
ENSMUSG00000030279	31.83533331	47.30197258	52.25517753	31.41284921	38.67450766
ENSMUSG00000030281	5.65961481	4.869320706	7.061510478	5.638203705	9.310529622
ENSMUSG00000030282	43.86201478	60.51870021	69.20280268	43.49471429	54.43078856
ENSMUSG00000030284	11.31922962	23.65098629	8.473812573	19.33098413	20.769643
ENSMUSG00000030287	58.0110518	63.30116918	62.84744325	54.7711217	58.72795608
ENSMUSG00000030291	49.52162959	75.12666233	62.1412922	51.54929101	70.90326405
ENSMUSG00000030292	4.952162959	7.651789682	4.236906287	4.832746033	8.594335036
ENSMUSG00000030298	93.38364437	140.5146832	133.462548	173.9788572	147.5360848
ENSMUSG00000030301	9.904325918	9.738641413	15.53532305	8.860034393	12.17530797
ENSMUSG00000030302	9.196874066	3.478086219	3.530755239	8.860034393	8.594335036
ENSMUSG00000030303	7.781970364	6.260555194	7.767661525	7.249119049	5.013362104
ENSMUSG00000030304	65.08557032	99.47326586	86.85657888	146.5932963	113.1587446
ENSMUSG00000030306	4.952162959	3.478086219	2.824604191	4.832746033	8.594335036
ENSMUSG00000030309	8.489422215	6.956172438	7.767661525	5.638203705	7.161945863
ENSMUSG00000030310	8.489422215	4.869320706	7.061510478	4.02728836	5.013362104
ENSMUSG00000030313	96.21345177	122.4286349	119.3395271	70.07481747	65.17370736

ENSMUSG00000030314	32.54278516	43.82388636	43.07521391	28.19101852	32.22875639
ENSMUSG00000030315	5.65961481	8.347406925	10.59226572	20.94189947	13.60769714
ENSMUSG00000030316	28.29807405	42.43265187	37.42600553	48.32746033	49.41742646
ENSMUSG00000030321	12.02668147	14.60796212	4.943057334	5.638203705	8.594335036
ENSMUSG00000030322	41.73965922	45.91073809	49.43057334	77.32393652	72.33565322
ENSMUSG00000030323	33.95768886	49.38882431	46.60596915	81.35122488	50.84981563
ENSMUSG00000030325	7.074518513	7.651789682	8.473812573	6.443661377	12.17530797
ENSMUSG00000030329	9.904325918	11.82549314	8.473812573	4.832746033	6.445751277
ENSMUSG00000030330	46.69182218	63.99678643	37.42600553	42.68925662	54.43078856
ENSMUSG00000030336	9.904325918	10.43425866	9.179963621	9.665492065	7.87814045
ENSMUSG00000030337	67.20792587	105.7338211	86.85657888	43.49471429	47.2688427
ENSMUSG00000030340	9.904325918	8.347406925	7.061510478	2.416373016	9.310529622
ENSMUSG00000030341	9.904325918	9.738641413	5.649208382	5.638203705	7.161945863
ENSMUSG00000030344	8.489422215	6.956172438	10.59226572	8.860034393	8.594335036
ENSMUSG00000030345	7.074518513	6.260555194	7.767661525	8.054576721	10.7429188
ENSMUSG00000030346	25.46826665	32.69401046	31.0706461	80.54576721	68.75468029
ENSMUSG00000030352	3.537259256	6.260555194	8.473812573	4.832746033	6.445751277
ENSMUSG00000030353	4.952162959	9.043024169	7.767661525	1.610915344	6.445751277
ENSMUSG00000030357	33.25023701	50.08444155	45.19366706	121.6241085	85.94335036
ENSMUSG00000030359	7.074518513	9.043024169	8.473812573	6.443661377	8.594335036
ENSMUSG00000030361	9.904325918	9.738641413	6.35535943	7.249119049	7.161945863
ENSMUSG00000030365	234.8740146	267.1170216	244.3282625	573.4858625	390.3260496
ENSMUSG00000030366	12.02668147	7.651789682	7.061510478	6.443661377	7.161945863
ENSMUSG00000030368	8.489422215	6.260555194	7.767661525	5.638203705	7.87814045
ENSMUSG00000030374	87.01657771	166.9481385	144.0548137	169.1461111	144.6713064
ENSMUSG00000030378	14.14903703	9.043024169	6.35535943	8.054576721	6.445751277
ENSMUSG00000030380	5.65961481	10.43425866	7.767661525	6.443661377	10.7429188
ENSMUSG00000030382	9.904325918	12.52111039	9.886114669	7.249119049	8.594335036
ENSMUSG00000030386	30.4204296	56.34499675	50.84287544	33.82922223	31.5125618
ENSMUSG00000030400	38.20239997	59.82308296	50.13672439	78.12939419	75.91662615
ENSMUSG00000030401	9.196874066	7.651789682	7.767661525	8.860034393	7.161945863
ENSMUSG00000030409	5.65961481	2.782468975	6.35535943	0.805457672	6.445751277
ENSMUSG00000030410	4.952162959	9.738641413	4.236906287	1.610915344	7.87814045
ENSMUSG00000030411	11.31922962	6.956172438	7.061510478	4.02728836	9.310529622
ENSMUSG00000030417	13.44158517	27.82468975	23.30298458	59.60386773	57.29556691
ENSMUSG00000030427	9.904325918	16.69481385	17.65377619	6.443661377	7.161945863
ENSMUSG00000030428	9.196874066	6.260555194	8.473812573	3.221830688	5.729556691
ENSMUSG00000030432	30.4204296	41.73703463	36.01370344	193.3098413	116.023523
ENSMUSG00000030433	7.074518513	5.56493795	9.886114669	7.249119049	7.161945863
ENSMUSG00000030435	92.67619252	103.6469693	95.33039145	236.8045556	181.1972303
ENSMUSG00000030443	11.31922962	17.39043109	8.473812573	11.27640741	8.594335036
ENSMUSG00000030446	20.51610369	49.38882431	37.42600553	6.443661377	27.93158887
ENSMUSG00000030447	26.1757185	50.08444155	23.30298458	32.21830688	25.78300511



ENSMUSG00000030450	8.489422215	6.956172438	11.29841676	0.805457672	9.310529622
ENSMUSG00000030451	38.90985182	82.08283477	57.19823487	72.49119049	65.88990194
ENSMUSG00000030452	60.84085921	77.21351406	68.49665163	165.9242805	135.3607768
ENSMUSG00000030465	21.93100739	29.21592424	37.42600553	4.02728836	12.89150255
ENSMUSG00000030468	123.804074	148.1664729	118.633376	112.7640741	114.5911338
ENSMUSG00000030469	24.76081479	54.95376226	36.71985448	49.93837567	50.13362104
ENSMUSG00000030470	13.44158517	11.1298759	8.473812573	9.665492065	5.729556691
ENSMUSG00000030471	70.74518513	98.08203137	80.50121945	65.24207144	83.7947666
ENSMUSG00000030483	9.904325918	6.260555194	9.179963621	8.860034393	5.729556691
ENSMUSG00000030491	14.14903703	7.651789682	8.473812573	5.638203705	3.580972932
ENSMUSG00000030492	8.489422215	4.869320706	4.943057334	4.832746033	10.7429188
ENSMUSG00000030493	42.44711108	68.17048989	55.78593277	74.10210583	67.32229112
ENSMUSG00000030494	4.952162959	9.043024169	11.29841676	7.249119049	3.580972932
ENSMUSG00000030495	9.196874066	4.869320706	7.767661525	5.638203705	5.013362104
ENSMUSG00000030498	17.68629628	29.21592424	27.53989086	42.68925662	32.22875639
ENSMUSG00000030505	10.61177777	31.30277597	21.89068248	41.88379895	33.66114556
ENSMUSG00000030509	21.22355554	25.73783802	32.4829482	27.38556085	40.10689684
ENSMUSG00000030510	4.952162959	4.869320706	4.943057334	9.665492065	5.013362104
ENSMUSG00000030512	67.91537772	89.73462445	93.91808935	195.7262143	148.968474
ENSMUSG00000030513	5.65961481	6.956172438	7.767661525	8.860034393	3.580972932
ENSMUSG00000030516	7.781970364	4.869320706	14.12302096	4.832746033	10.02672421
ENSMUSG00000030518	9.196874066	4.869320706	9.886114669	7.249119049	5.013362104
ENSMUSG00000030519	5.65961481	2.086851731	7.767661525	4.832746033	10.7429188
ENSMUSG00000030521	43.15456293	98.77764862	74.85201106	168.3406535	129.6312201
ENSMUSG00000030522	6.367066661	10.43425866	12.71071886	6.443661377	7.161945863
ENSMUSG00000030523	7.781970364	5.56493795	8.473812573	2.416373016	7.161945863
ENSMUSG00000030527	36.78749627	64.69240367	52.96132858	57.99295239	53.71459398
ENSMUSG00000030528	35.37259256	38.95456565	40.25060972	100.682209	73.76804239
ENSMUSG00000030530	3.537259256	6.260555194	10.59226572	9.665492065	9.310529622
ENSMUSG00000030533	14.85648888	23.65098629	21.89068248	20.94189947	18.62105924
ENSMUSG00000030534	50.22908144	72.34419335	59.31668801	74.10210583	79.49759908
ENSMUSG00000030536	149.2723406	149.5577074	155.3532305	228.7499789	164.0085603
ENSMUSG00000030538	101.1656147	137.7322143	130.6379438	127.2623122	97.40246374
ENSMUSG00000030539	11.31922962	17.39043109	17.65377619	8.860034393	10.02672421
ENSMUSG00000030541	32.54278516	41.73703463	50.13672439	34.6346799	31.5125618
ENSMUSG00000030543	9.904325918	6.260555194	8.473812573	4.832746033	10.02672421
ENSMUSG00000030546	6.367066661	6.260555194	5.649208382	7.249119049	5.013362104
ENSMUSG00000030551	8.489422215	9.043024169	8.473812573	2.416373016	5.013362104
ENSMUSG00000030554	7.074518513	9.738641413	6.35535943	4.02728836	4.297167518
ENSMUSG00000030555	8.489422215	17.39043109	13.41686991	12.08186508	14.32389173
ENSMUSG00000030556	19.80865184	40.34580014	24.71528667	28.19101852	25.78300511
ENSMUSG00000030557	58.0110518	75.82227957	69.90895373	128.8732275	113.8749392
ENSMUSG00000030560	145.0276295	155.8182626	145.4671158	204.5862487	137.5093606

ENSMUSG00000030562	9.904325918	5.56493795	4.943057334	4.02728836	6.445751277
ENSMUSG00000030577	164.8362813	199.642149	169.4762515	282.7156429	201.2506788
ENSMUSG00000030579	14.14903703	27.82468975	18.35992724	10.47094974	7.87814045
ENSMUSG00000030583	43.15456293	95.2995624	51.54902649	49.93837567	60.87653984
ENSMUSG00000030584	7.074518513	4.869320706	9.886114669	11.27640741	8.594335036
ENSMUSG00000030588	16.97884443	34.08524495	25.42143772	20.1364418	22.20203218
ENSMUSG00000030589	9.904325918	6.956172438	8.473812573	12.08186508	9.310529622
ENSMUSG00000030590	9.196874066	17.39043109	12.00456781	8.860034393	10.02672421
ENSMUSG00000030591	43.15456293	59.82308296	68.49665163	156.2587884	96.68626916
ENSMUSG00000030592	4.952162959	9.738641413	7.061510478	6.443661377	7.161945863
ENSMUSG00000030595	96.92090362	137.7322143	120.7518292	99.87675134	104.5644096
ENSMUSG00000030598	4.244711108	9.738641413	9.886114669	7.249119049	5.013362104
ENSMUSG00000030600	15.56394073	8.347406925	10.59226572	8.054576721	7.161945863
ENSMUSG00000030603	41.73965922	66.08363816	45.8998181	138.5387196	85.94335036
ENSMUSG00000030605	8.489422215	5.56493795	9.886114669	4.832746033	10.02672421
ENSMUSG00000030609	89.84638511	139.819066	123.5764334	252.1082514	216.2907651
ENSMUSG00000030610	23.34591109	31.30277597	24.00913562	40.2728836	27.21539428
ENSMUSG00000030611	43.15456293	82.08283477	61.43514116	112.7640741	87.37573953
ENSMUSG00000030613	7.074518513	11.82549314	7.061510478	3.221830688	11.45911338
ENSMUSG00000030615	19.10119998	26.43345526	26.83373982	31.41284921	25.78300511
ENSMUSG00000030616	9.904325918	10.43425866	7.767661525	5.638203705	10.7429188
ENSMUSG00000030617	13.44158517	5.56493795	9.886114669	8.054576721	3.580972932
ENSMUSG00000030621	14.85648888	5.56493795	5.649208382	9.665492065	3.580972932
ENSMUSG00000030629	109.6550369	211.4676421	170.1824025	169.9515688	138.2255552
ENSMUSG00000030630	4.244711108	6.956172438	5.649208382	7.249119049	12.89150255
ENSMUSG00000030636	14.85648888	13.91234488	6.35535943	4.832746033	8.594335036
ENSMUSG00000030638	7.074518513	6.260555194	4.943057334	7.249119049	3.580972932
ENSMUSG00000030641	21.22355554	31.99839321	27.53989086	51.54929101	44.40406435
ENSMUSG00000030643	38.90985182	79.30036579	71.32125582	96.65492065	86.65954495
ENSMUSG00000030649	0	0	0	1.610915344	0
ENSMUSG00000030650	9.196874066	9.043024169	6.35535943	6.443661377	4.297167518
ENSMUSG00000030652	10.61177777	13.91234488	7.061510478	19.33098413	17.18867007
ENSMUSG00000030655	128.7562369	123.1242521	117.927225	218.2790291	169.738117
ENSMUSG00000030657	67.20792587	104.3425866	90.38733411	128.0677699	135.3607768
ENSMUSG00000030659	21.93100739	28.52030699	21.89068248	22.55281482	18.62105924
ENSMUSG00000030663	78.52715549	141.9059177	110.8657145	123.2350238	121.7530797
ENSMUSG00000030666	7.074518513	2.782468975	7.767661525	8.054576721	5.729556691
ENSMUSG00000030669	4.952162959	7.651789682	5.649208382	7.249119049	7.87814045
ENSMUSG00000030670	9.904325918	28.52030699	23.30298458	14.4982381	18.62105924
ENSMUSG00000030672	14.14903703	25.73783802	22.59683353	9.665492065	20.05344842
ENSMUSG00000030681	46.69182218	63.99678643	84.03197468	82.96214023	79.49759908
ENSMUSG00000030683	6.367066661	4.173703463	7.061510478	8.860034393	7.87814045
ENSMUSG00000030688	14.85648888	16.69481385	12.71071886	8.054576721	11.45911338

ENSMUSG00000030689	21.93100739	47.99758982	38.83830763	137.7332619	99.5510475
ENSMUSG00000030691	114.6071999	125.9067211	122.8702823	242.4427593	158.9951982
ENSMUSG00000030693	9.196874066	2.086851731	4.943057334	5.638203705	7.161945863
ENSMUSG00000030695	9.904325918	14.60796212	12.00456781	28.9964762	27.21539428
ENSMUSG00000030699	14.85648888	25.04222078	33.89525029	20.1364418	19.33725383
ENSMUSG00000030701	12.02668147	4.173703463	7.767661525	7.249119049	6.445751277
ENSMUSG00000030704	62.25576291	75.12666233	71.32125582	103.9040397	95.97007457
ENSMUSG00000030706	8.489422215	15.99919661	23.30298458	17.72006879	23.63442135
ENSMUSG00000030707	19.10119998	31.30277597	20.47838039	14.4982381	17.18867007
ENSMUSG00000030708	9.196874066	4.869320706	10.59226572	9.665492065	4.297167518
ENSMUSG00000030711	6.367066661	7.651789682	7.767661525	8.054576721	7.161945863
ENSMUSG00000030714	25.46826665	56.34499675	44.48751601	70.07481747	58.01176149
ENSMUSG00000030720	6.367066661	4.869320706	8.473812573	8.860034393	10.7429188
ENSMUSG00000030726	24.05336294	31.30277597	25.42143772	62.02024075	46.55264811
ENSMUSG00000030727	108.2401332	127.9935729	126.4010376	149.815127	118.8883013
ENSMUSG00000030729	7.074518513	22.95536904	16.2414741	28.19101852	11.45911338
ENSMUSG00000030730	9.196874066	6.956172438	6.35535943	10.47094974	10.02672421
ENSMUSG00000030731	7.074518513	5.56493795	3.530755239	5.638203705	7.87814045
ENSMUSG00000030732	8.489422215	2.086851731	5.649208382	5.638203705	3.580972932
ENSMUSG00000030733	21.93100739	38.95456565	28.24604191	85.37851324	80.92998826
ENSMUSG00000030735	9.196874066	10.43425866	7.767661525	26.58010318	23.63442135
ENSMUSG00000030737	9.904325918	6.260555194	3.530755239	7.249119049	6.445751277
ENSMUSG00000030738	0	0	0	0	0
ENSMUSG00000030739	11.31922962	6.260555194	5.649208382	8.860034393	6.445751277
ENSMUSG00000030741	13.44158517	14.60796212	21.18453143	23.35827249	25.06681052
ENSMUSG00000030744	0.707451851	2.086851731	2.118453143	2.416373016	1.432389173
ENSMUSG00000030750	42.44711108	61.9099347	63.5535943	176.3952302	142.5227227
ENSMUSG00000030751	38.20239997	72.34419335	58.61053696	144.982381	114.5911338
ENSMUSG00000030753	43.15456293	76.51789682	69.20280268	136.9278043	116.023523
ENSMUSG00000030757	16.27139258	9.738641413	6.35535943	8.054576721	7.87814045
ENSMUSG00000030759	82.06441475	109.2119073	88.97503202	182.0334339	148.2522794
ENSMUSG00000030760	7.781970364	8.347406925	8.473812573	2.416373016	9.310529622
ENSMUSG00000030761	9.904325918	3.478086219	4.943057334	3.221830688	7.161945863
ENSMUSG00000030762	7.074518513	5.56493795	4.943057334	4.832746033	6.445751277
ENSMUSG00000030766	65.08557032	98.77764862	74.85201106	140.9550926	103.848215
ENSMUSG00000030768	31.83533331	43.12826911	33.89525029	33.82922223	41.53928601
ENSMUSG00000030769	8.489422215	5.56493795	4.943057334	4.832746033	5.729556691
ENSMUSG00000030770	9.196874066	4.173703463	5.649208382	7.249119049	5.729556691
ENSMUSG00000030771	6.367066661	8.347406925	8.473812573	5.638203705	5.013362104
ENSMUSG00000030774	9.196874066	6.260555194	10.59226572	5.638203705	9.310529622
ENSMUSG00000030779	16.97884443	9.738641413	7.767661525	10.47094974	17.18867007
ENSMUSG00000030780	12.02668147	16.69481385	12.00456781	19.33098413	20.05344842
ENSMUSG00000030781	10.61177777	6.956172438	9.886114669	12.88732275	6.445751277

ENSMUSG00000030782	9.904325918	8.347406925	8.473812573	8.054576721	7.161945863
ENSMUSG00000030786	11.31922962	9.738641413	11.29841676	7.249119049	8.594335036
ENSMUSG00000030788	38.20239997	50.7800588	52.96132858	40.2728836	41.53928601
ENSMUSG00000030790	16.27139258	18.78166558	20.47838039	42.68925662	27.21539428
ENSMUSG00000030795	130.8785925	149.5577074	155.3532305	263.3846588	180.4810358
ENSMUSG00000030796	4.952162959	8.347406925	8.473812573	8.054576721	10.02672421
ENSMUSG00000030798	66.50047402	93.90832791	79.08891735	197.3371297	138.2255552
ENSMUSG00000030800	13.44158517	13.21672763	12.71071886	6.443661377	5.013362104
ENSMUSG00000030801	28.29807405	46.60635533	40.95676077	42.68925662	41.53928601
ENSMUSG00000030802	16.27139258	31.99839321	20.47838039	26.58010318	20.05344842
ENSMUSG00000030805	22.63845924	22.95536904	24.71528667	24.96918783	26.49919969
ENSMUSG00000030811	5.65961481	4.173703463	9.886114669	12.08186508	9.310529622
ENSMUSG00000030814	5.65961481	14.60796212	15.53532305	18.52552646	17.18867007
ENSMUSG00000030815	21.22355554	45.91073809	51.54902649	77.32393652	69.47087488
ENSMUSG00000030822	29.0055259	53.56252777	40.25060972	49.132918	50.13362104
ENSMUSG00000030824	13.44158517	29.91154148	22.59683353	24.96918783	27.93158887
ENSMUSG00000030825	9.196874066	6.260555194	6.35535943	8.054576721	10.7429188
ENSMUSG00000030826	16.27139258	22.95536904	20.47838039	41.07834128	31.5125618
ENSMUSG00000030830	21.22355554	49.38882431	37.42600553	200.5589604	138.9417498
ENSMUSG00000030838	5.65961481	5.56493795	4.236906287	3.221830688	7.87814045
ENSMUSG00000030839	20.51610369	30.60715873	25.42143772	22.55281482	27.93158887
ENSMUSG00000030842	39.61730367	61.21431745	54.37363068	88.60034393	83.07857202
ENSMUSG00000030844	10.61177777	12.52111039	11.29841676	7.249119049	15.7562809
ENSMUSG00000030846	89.13893326	124.5154866	116.5149229	161.0915344	120.3206905
ENSMUSG00000030849	1.414903703	2.086851731	1.412302096	0.805457672	0
ENSMUSG00000030850	57.30359995	82.08283477	78.3827663	81.35122488	70.90326405
ENSMUSG00000030851	6.367066661	4.869320706	5.649208382	5.638203705	10.7429188
ENSMUSG00000030852	12.73413332	5.56493795	4.236906287	4.832746033	8.594335036
ENSMUSG00000030854	4.244711108	4.869320706	7.767661525	2.416373016	8.594335036
ENSMUSG00000030858	6.367066661	5.56493795	7.061510478	5.638203705	7.161945863
ENSMUSG00000030861	74.28244438	105.7338211	97.44884459	66.04752911	76.63282074
ENSMUSG00000030862	10.61177777	4.173703463	9.886114669	8.054576721	7.161945863
ENSMUSG00000030869	61.54831106	95.99517964	73.43970897	164.3133651	121.7530797
ENSMUSG00000030870	53.7663407	95.99517964	82.61967259	130.4841429	110.2939663
ENSMUSG00000030871	57.30359995	93.21271067	63.5535943	107.1258704	127.4826364
ENSMUSG00000030872	112.4848444	130.7760418	123.5764334	108.7367857	87.37573953
ENSMUSG00000030877	4.952162959	6.260555194	7.061510478	25.77464551	25.06681052
ENSMUSG00000030878	8.489422215	9.043024169	9.179963621	36.24559524	16.47247549
ENSMUSG00000030879	21.93100739	30.60715873	34.60140134	93.43308996	72.33565322
ENSMUSG00000030880	18.39374813	34.08524495	24.00913562	96.65492065	83.7947666
ENSMUSG00000030881	14.85648888	24.34660353	17.65377619	24.96918783	15.7562809
ENSMUSG00000030882	4.244711108	14.60796212	17.65377619	8.860034393	11.45911338
ENSMUSG00000030884	61.54831106	89.73462445	75.55816211	132.0950582	105.2806042

ENSMUSG00000030888	43.86201478	77.21351406	51.54902649	93.43308996	78.06520991
ENSMUSG00000030889	11.31922962	9.738641413	6.35535943	9.665492065	5.729556691
ENSMUSG00000030890	35.37259256	58.43184848	69.20280268	118.4022778	94.5376854
ENSMUSG00000030898	11.31922962	4.173703463	2.118453143	5.638203705	7.161945863
ENSMUSG00000030917	9.196874066	5.56493795	3.530755239	4.832746033	5.729556691
ENSMUSG00000030921	99.04325918	150.9489419	112.2780166	211.0299101	132.4959985
ENSMUSG00000030922	26.88317035	47.99758982	38.83830763	32.21830688	42.97167518
ENSMUSG00000030924	9.904325918	18.08604834	16.2414741	28.19101852	24.35061594
ENSMUSG00000030929	16.27139258	11.1298759	12.00456781	26.58010318	21.48583759
ENSMUSG00000030930	93.38364437	97.38641413	94.6242404	59.60386773	60.16034525
ENSMUSG00000030935	5.65961481	4.869320706	2.118453143	7.249119049	6.445751277
ENSMUSG00000030945	11.31922962	4.869320706	8.473812573	7.249119049	4.297167518
ENSMUSG00000030946	8.489422215	10.43425866	7.767661525	4.832746033	8.594335036
ENSMUSG00000030954	5.65961481	6.956172438	8.473812573	9.665492065	7.87814045
ENSMUSG00000030956	28.29807405	41.73703463	41.66291182	74.9075635	58.72795608
ENSMUSG00000030960	23.34591109	29.21592424	45.19366706	42.68925662	40.82309142
ENSMUSG00000030965	53.7663407	86.95215547	67.08434954	111.9586164	82.36237743
ENSMUSG00000030966	50.22908144	61.9099347	74.85201106	66.04752911	67.32229112
ENSMUSG00000030967	70.03773327	94.60394515	88.26888097	120.8186508	103.848215
ENSMUSG00000030970	3.537259256	1.391234488	2.118453143	1.610915344	2.148583759
ENSMUSG00000030978	43.15456293	50.08444155	46.60596915	133.7059736	101.6996313
ENSMUSG00000030979	58.0110518	82.77845201	79.08891735	85.37851324	70.90326405
ENSMUSG00000030980	41.73965922	57.04061399	55.07978173	70.07481747	64.45751277
ENSMUSG00000030982	25.46826665	40.34580014	33.18909925	16.10915344	22.20203218
ENSMUSG00000030986	12.73413332	6.260555194	5.649208382	8.054576721	7.87814045
ENSMUSG00000030990	86.30912585	144.6883867	116.5149229	190.0880106	136.0769714
ENSMUSG00000030994	12.02668147	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG00000031010	7.781970364	15.99919661	12.00456781	51.54929101	43.68786977
ENSMUSG00000031012	3.537259256	7.651789682	4.236906287	3.221830688	4.297167518
ENSMUSG00000031021	33.95768886	51.47567604	56.49208382	38.66196826	52.2822048
ENSMUSG00000031022	5.65961481	12.52111039	6.35535943	3.221830688	7.87814045
ENSMUSG00000031024	8.489422215	6.260555194	5.649208382	1.610915344	8.594335036
ENSMUSG00000031026	8.489422215	6.260555194	10.59226572	4.02728836	11.45911338
ENSMUSG00000031027	10.61177777	4.173703463	4.236906287	6.443661377	8.594335036
ENSMUSG00000031028	11.31922962	9.738641413	7.767661525	7.249119049	5.013362104
ENSMUSG00000031060	62.96321476	69.56172438	62.84744325	181.2279762	118.8883013
ENSMUSG00000031065	26.88317035	41.73703463	43.78136496	87.79488626	55.86317773
ENSMUSG00000031066	5.65961481	10.43425866	8.473812573	15.30369577	18.62105924
ENSMUSG00000031070	10.61177777	4.173703463	6.35535943	8.860034393	8.594335036
ENSMUSG00000031072	38.90985182	61.9099347	51.54902649	53.96566403	38.67450766
ENSMUSG00000031074	7.074518513	6.260555194	3.530755239	2.416373016	8.594335036
ENSMUSG00000031075	7.781970364	4.173703463	5.649208382	4.832746033	9.310529622
ENSMUSG00000031078	3.537259256	2.086851731	1.412302096	0.805457672	4.297167518

ENSMUSG00000031079	6.367066661	4.173703463	3.530755239	3.221830688	4.297167518
ENSMUSG00000031090	28.29807405	55.6493795	40.95676077	21.74735715	30.08017263
ENSMUSG00000031093	47.39927403	52.86691053	56.49208382	92.62763229	60.16034525
ENSMUSG00000031095	7.074518513	4.869320706	6.35535943	5.638203705	7.161945863
ENSMUSG00000031097	10.61177777	12.52111039	19.06607829	5.638203705	10.7429188
ENSMUSG00000031098	9.196874066	5.56493795	6.35535943	3.221830688	3.580972932
ENSMUSG00000031099	2.122355554	4.173703463	2.118453143	0	8.594335036
ENSMUSG00000031103	11.31922962	6.956172438	13.41686991	3.221830688	4.297167518
ENSMUSG00000031105	14.14903703	12.52111039	14.12302096	7.249119049	16.47247549
ENSMUSG00000031109	8.489422215	18.08604834	14.12302096	13.69278043	11.45911338
ENSMUSG00000031111	3.537259256	4.869320706	3.530755239	2.416373016	1.432389173
ENSMUSG00000031112	29.0055259	43.82388636	36.71985448	29.80193387	26.49919969
ENSMUSG00000031131	5.65961481	2.086851731	3.530755239	2.416373016	2.864778345
ENSMUSG00000031133	21.93100739	29.21592424	31.77679715	44.30017197	27.93158887
ENSMUSG00000031134	3.537259256	2.782468975	2.824604191	0.805457672	1.432389173
ENSMUSG00000031137	4.244711108	6.956172438	4.236906287	1.610915344	4.297167518
ENSMUSG00000031139	4.244711108	2.782468975	5.649208382	2.416373016	2.148583759
ENSMUSG00000031142	5.65961481	9.043024169	8.473812573	4.832746033	5.013362104
ENSMUSG00000031144	1.414903703	2.782468975	2.824604191	2.416373016	3.580972932
ENSMUSG00000031145	14.14903703	18.78166558	23.30298458	12.88732275	11.45911338
ENSMUSG00000031148	26.88317035	48.69320706	45.8998181	92.62763229	72.33565322
ENSMUSG00000031150	4.952162959	2.086851731	2.118453143	2.416373016	4.297167518
ENSMUSG00000031153	56.5961481	73.73542784	60.02283906	60.40932541	57.29556691
ENSMUSG00000031154	76.40479994	89.0390072	71.32125582	99.07129367	84.51096119
ENSMUSG00000031155	30.4204296	38.25894841	44.48751601	98.265836	80.21379367
ENSMUSG00000031156	26.88317035	42.43265187	36.01370344	47.52200265	37.95831308
ENSMUSG00000031157	38.20239997	56.34499675	56.49208382	56.38203705	61.59273443
ENSMUSG00000031158	29.71297775	58.43184848	64.96589639	74.9075635	62.30892901
ENSMUSG00000031161	0.707451851	3.478086219	4.236906287	4.02728836	3.580972932
ENSMUSG00000031162	7.074518513	4.869320706	4.943057334	4.832746033	6.445751277
ENSMUSG00000031166	6.367066661	9.738641413	7.767661525	15.30369577	10.02672421
ENSMUSG00000031167	40.32475552	58.43184848	38.83830763	140.9550926	86.65954495
ENSMUSG00000031168	31.12788146	40.34580014	36.01370344	37.85651059	35.09353473
ENSMUSG00000031169	1.414903703	4.173703463	2.118453143	2.416373016	1.432389173
ENSMUSG00000031170	2.122355554	3.478086219	3.530755239	4.02728836	2.864778345
ENSMUSG00000031171	21.22355554	25.04222078	24.71528667	35.44013757	31.5125618
ENSMUSG00000031173	3.537259256	2.782468975	0.706151048	3.221830688	2.864778345
ENSMUSG00000031174	4.244711108	2.782468975	6.35535943	2.416373016	3.580972932
ENSMUSG00000031179	3.537259256	7.651789682	4.236906287	7.249119049	2.864778345
ENSMUSG00000031182	7.074518513	4.869320706	0	0	3.580972932
ENSMUSG00000031189	3.537259256	2.782468975	2.118453143	0	5.013362104
ENSMUSG00000031196	13.44158517	24.34660353	16.2414741	12.88732275	22.91822676
ENSMUSG00000031197	60.13340736	58.43184848	48.01827125	75.71302118	70.18706946

ENSMUSG00000031200	21.22355554	35.47647943	36.01370344	68.46390213	67.32229112
ENSMUSG00000031201	25.46826665	50.08444155	40.25060972	69.2693598	62.30892901
ENSMUSG00000031207	53.05888884	61.21431745	40.95676077	108.7367857	65.88990194
ENSMUSG00000031209	7.074518513	3.478086219	3.530755239	2.416373016	2.864778345
ENSMUSG00000031210	7.074518513	4.869320706	1.412302096	2.416373016	5.013362104
ENSMUSG00000031214	2.122355554	3.478086219	1.412302096	4.02728836	3.580972932
ENSMUSG00000031216	2.122355554	0.695617244	0.706151048	1.610915344	3.580972932
ENSMUSG00000031220	12.02668147	13.21672763	12.71071886	14.4982381	16.47247549
ENSMUSG00000031226	14.85648888	15.30357936	18.35992724	43.49471429	42.25548059
ENSMUSG00000031229	41.03220737	57.73623123	46.60596915	96.65492065	78.06520991
ENSMUSG00000031232	31.12788146	41.73703463	38.83830763	82.96214023	73.76804239
ENSMUSG00000031241	5.65961481	4.173703463	4.236906287	1.610915344	3.580972932
ENSMUSG00000031246	55.1812444	75.12666233	57.90438592	54.7711217	39.39070225
ENSMUSG00000031253	5.65961481	5.56493795	2.824604191	4.832746033	4.297167518
ENSMUSG00000031255	4.952162959	1.391234488	4.943057334	5.638203705	7.161945863
ENSMUSG00000031256	11.31922962	15.30357936	16.94762515	54.7711217	36.5259239
ENSMUSG00000031257	8.489422215	5.56493795	4.943057334	6.443661377	7.161945863
ENSMUSG00000031262	14.14903703	11.82549314	7.061510478	24.16373016	22.20203218
ENSMUSG00000031264	92.67619252	91.82147618	88.26888097	149.0096693	100.2672421
ENSMUSG00000031271	3.537259256	4.173703463	1.412302096	3.221830688	3.580972932
ENSMUSG00000031273	2.829807405	4.173703463	2.824604191	0.805457672	4.297167518
ENSMUSG00000031274	4.244711108	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000031278	32.54278516	43.82388636	28.24604191	57.99295239	54.43078856
ENSMUSG00000031283	8.489422215	2.782468975	3.530755239	4.02728836	3.580972932
ENSMUSG00000031284	6.367066661	7.651789682	2.118453143	3.221830688	3.580972932
ENSMUSG00000031285	6.367066661	5.56493795	6.35535943	1.610915344	2.148583759
ENSMUSG00000031289	1.414903703	2.782468975	7.767661525	3.221830688	2.148583759
ENSMUSG00000031292	5.65961481	9.738641413	8.473812573	14.4982381	14.32389173
ENSMUSG00000031293	3.537259256	7.651789682	2.824604191	2.416373016	2.864778345
ENSMUSG00000031295	25.46826665	25.73783802	19.77222934	12.88732275	14.32389173
ENSMUSG00000031297	4.244711108	2.086851731	4.943057334	7.249119049	7.161945863
ENSMUSG00000031298	6.367066661	3.478086219	4.236906287	0.805457672	5.013362104
ENSMUSG00000031299	27.5906222	41.04141738	36.01370344	57.18749472	54.43078856
ENSMUSG00000031302	0.707451851	4.869320706	3.530755239	3.221830688	1.432389173
ENSMUSG00000031304	15.56394073	20.86851731	14.12302096	22.55281482	22.91822676
ENSMUSG00000031309	2.122355554	3.478086219	2.118453143	2.416373016	1.432389173
ENSMUSG00000031310	12.02668147	9.043024169	8.473812573	13.69278043	12.89150255
ENSMUSG00000031311	41.73965922	58.43184848	57.90438592	128.0677699	91.67290705
ENSMUSG00000031314	15.56394073	34.78086219	22.59683353	43.49471429	28.64778345
ENSMUSG00000031327	7.074518513	5.56493795	12.71071886	9.665492065	9.310529622
ENSMUSG00000031328	7.074518513	8.347406925	11.29841676	13.69278043	11.45911338
ENSMUSG00000031337	5.65961481	4.869320706	2.118453143	1.610915344	3.580972932
ENSMUSG00000031342	1.414903703	4.173703463	2.824604191	3.221830688	0.716194586

ENSMUSG00000031343	6.367066661	2.782468975	3.530755239	0.805457672	3.580972932
ENSMUSG00000031344	4.952162959	3.478086219	5.649208382	4.02728836	2.148583759
ENSMUSG00000031347	20.51610369	28.52030699	28.24604191	33.02376456	22.20203218
ENSMUSG00000031351	3.537259256	4.173703463	3.530755239	4.832746033	2.864778345
ENSMUSG00000031352	5.65961481	15.30357936	12.00456781	32.21830688	32.22875639
ENSMUSG00000031353	27.5906222	39.6501829	44.48751601	113.5695318	95.25387998
ENSMUSG00000031354	5.65961481	15.30357936	5.649208382	6.443661377	5.013362104
ENSMUSG00000031355	5.65961481	4.173703463	4.943057334	1.610915344	1.432389173
ENSMUSG00000031358	4.244711108	8.347406925	5.649208382	19.33098413	12.89150255
ENSMUSG00000031360	15.56394073	22.95536904	24.00913562	21.74735715	25.06681052
ENSMUSG00000031362	6.367066661	6.260555194	3.530755239	7.249119049	6.445751277
ENSMUSG00000031365	33.25023701	41.04141738	45.19366706	57.18749472	60.87653984
ENSMUSG00000031367	5.65961481	13.21672763	11.29841676	9.665492065	8.594335036
ENSMUSG00000031370	20.51610369	35.47647943	32.4829482	75.71302118	49.41742646
ENSMUSG00000031371	4.952162959	7.651789682	12.71071886	7.249119049	10.02672421
ENSMUSG00000031374	5.65961481	0.695617244	2.118453143	2.416373016	4.297167518
ENSMUSG00000031375	4.244711108	2.086851731	4.236906287	1.610915344	6.445751277
ENSMUSG00000031376	2.829807405	3.478086219	2.118453143	2.416373016	2.864778345
ENSMUSG00000031377	1.414903703	4.869320706	3.530755239	3.221830688	3.580972932
ENSMUSG00000031378	42.44711108	57.04061399	41.66291182	86.98942859	65.17370736
ENSMUSG00000031379	5.65961481	6.260555194	2.824604191	3.221830688	5.729556691
ENSMUSG00000031380	4.244711108	0	2.824604191	0	3.580972932
ENSMUSG00000031381	14.14903703	17.39043109	12.00456781	27.38556085	27.93158887
ENSMUSG00000031382	2.829807405	4.869320706	2.824604191	4.02728836	7.161945863
ENSMUSG00000031385	4.952162959	2.782468975	9.179963621	4.02728836	5.729556691
ENSMUSG00000031386	26.1757185	43.82388636	36.01370344	213.4462831	141.8065281
ENSMUSG00000031387	9.196874066	9.738641413	15.53532305	14.4982381	10.02672421
ENSMUSG00000031388	19.10119998	35.47647943	33.89525029	78.12939419	57.29556691
ENSMUSG00000031389	60.84085921	71.64857611	66.37819849	62.82569842	66.60609653
ENSMUSG00000031391	6.367066661	5.56493795	4.943057334	3.221830688	1.432389173
ENSMUSG00000031392	0	0	0	0	0
ENSMUSG00000031393	1.414903703	1.391234488	1.412302096	0.805457672	3.580972932
ENSMUSG00000031394	2.829807405	6.956172438	6.35535943	4.02728836	5.013362104
ENSMUSG00000031397	6.367066661	3.478086219	6.35535943	3.221830688	5.013362104
ENSMUSG00000031398	6.367066661	5.56493795	2.824604191	3.221830688	5.013362104
ENSMUSG00000031399	8.489422215	14.60796212	18.35992724	20.94189947	17.90486466
ENSMUSG00000031400	14.85648888	19.47728283	20.47838039	31.41284921	24.35061594
ENSMUSG00000031402	35.37259256	39.6501829	42.36906287	31.41284921	32.22875639
ENSMUSG00000031403	19.80865184	26.43345526	22.59683353	95.84946298	65.88990194
ENSMUSG00000031410	5.65961481	3.478086219	6.35535943	0.805457672	2.148583759
ENSMUSG00000031411	4.244711108	1.391234488	2.824604191	2.416373016	1.432389173
ENSMUSG00000031422	8.489422215	13.91234488	9.886114669	8.860034393	14.32389173
ENSMUSG00000031424	5.65961481	7.651789682	7.767661525	3.221830688	4.297167518



ENSMUSG00000031425	4.244711108	3.478086219	2.824604191	4.832746033	4.297167518
ENSMUSG00000031428	37.49494812	47.99758982	44.48751601	156.2587884	127.4826364
ENSMUSG00000031429	42.44711108	57.73623123	42.36906287	33.82922223	43.68786977
ENSMUSG00000031431	2.122355554	2.086851731	7.061510478	2.416373016	8.594335036
ENSMUSG00000031433	30.4204296	50.7800588	50.13672439	39.46742593	43.68786977
ENSMUSG00000031434	6.367066661	5.56493795	6.35535943	2.416373016	2.864778345
ENSMUSG00000031438	4.952162959	5.56493795	1.412302096	4.02728836	2.864778345
ENSMUSG00000031441	7.074518513	3.478086219	7.061510478	18.52552646	9.310529622
ENSMUSG00000031442	7.781970364	6.956172438	7.061510478	5.638203705	2.864778345
ENSMUSG00000031444	12.73413332	1.391234488	4.236906287	7.249119049	5.013362104
ENSMUSG00000031446	62.96321476	102.9513521	86.15042783	101.4876667	106.7129934
ENSMUSG00000031448	7.074518513	4.173703463	6.35535943	6.443661377	9.310529622
ENSMUSG00000031449	9.904325918	5.56493795	7.061510478	6.443661377	4.297167518
ENSMUSG00000031452	11.31922962	8.347406925	9.886114669	4.832746033	6.445751277
ENSMUSG00000031453	98.33580733	114.7768452	100.9795998	66.85298678	74.48423698
ENSMUSG00000031467	20.51610369	29.21592424	23.30298458	77.32393652	81.64618284
ENSMUSG00000031478	12.02668147	13.91234488	10.59226572	11.27640741	15.7562809
ENSMUSG00000031480	9.196874066	6.260555194	6.35535943	2.416373016	10.02672421
ENSMUSG00000031485	14.14903703	28.52030699	30.36449505	50.74383334	46.55264811
ENSMUSG00000031486	7.781970364	7.651789682	7.061510478	7.249119049	9.310529622
ENSMUSG00000031488	15.56394073	23.65098629	31.0706461	20.1364418	22.20203218
ENSMUSG00000031489	7.781970364	4.869320706	4.943057334	4.832746033	7.87814045
ENSMUSG00000031491	7.074518513	6.956172438	10.59226572	10.47094974	6.445751277
ENSMUSG00000031492	8.489422215	9.043024169	7.061510478	6.443661377	7.87814045
ENSMUSG00000031493	6.367066661	8.347406925	4.943057334	9.665492065	5.013362104
ENSMUSG00000031502	4.244711108	2.086851731	5.649208382	3.221830688	3.580972932
ENSMUSG00000031503	6.367066661	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG00000031505	70.74518513	84.86530374	90.38733411	91.82217462	84.51096119
ENSMUSG00000031506	18.39374813	27.82468975	21.18453143	45.10562964	35.09353473
ENSMUSG00000031508	60.84085921	81.38721752	96.74269354	149.815127	120.3206905
ENSMUSG00000031509	12.73413332	8.347406925	8.473812573	4.02728836	12.17530797
ENSMUSG00000031511	7.074518513	6.260555194	5.649208382	3.221830688	7.87814045
ENSMUSG00000031512	5.65961481	4.173703463	7.767661525	8.054576721	7.161945863
ENSMUSG00000031516	25.46826665	43.82388636	30.36449505	26.58010318	26.49919969
ENSMUSG00000031523	9.196874066	7.651789682	8.473812573	4.832746033	5.729556691
ENSMUSG00000031534	20.51610369	33.3896277	28.24604191	62.82569842	45.12025894
ENSMUSG00000031537	74.28244438	102.9513521	96.74269354	94.23854763	80.92998826
ENSMUSG00000031540	72.16008883	111.9943762	108.0411103	116.7913625	116.023523
ENSMUSG00000031543	7.074518513	6.260555194	6.35535943	6.443661377	7.87814045
ENSMUSG00000031549	9.196874066	4.869320706	7.767661525	6.443661377	10.02672421
ENSMUSG00000031551	12.02668147	5.56493795	4.943057334	9.665492065	7.161945863
ENSMUSG00000031552	6.367066661	8.347406925	7.061510478	4.832746033	5.729556691
ENSMUSG00000031553	3.537259256	6.260555194	7.767661525	4.832746033	8.594335036

ENSMUSG00000031554	5.65961481	6.956172438	8.473812573	2.416373016	9.310529622
ENSMUSG00000031555	52.35143699	86.95215547	77.67661525	147.398754	108.8615771
ENSMUSG00000031557	108.9475851	114.081228	129.2256417	293.1865926	216.2907651
ENSMUSG00000031558	5.65961481	6.956172438	5.649208382	4.832746033	5.729556691
ENSMUSG00000031559	14.85648888	9.043024169	7.767661525	5.638203705	4.297167518
ENSMUSG00000031561	7.781970364	11.1298759	7.767661525	3.221830688	8.594335036
ENSMUSG00000031562	4.244711108	11.82549314	10.59226572	3.221830688	5.729556691
ENSMUSG00000031565	9.904325918	4.173703463	9.886114669	5.638203705	6.445751277
ENSMUSG00000031568	40.32475552	76.51789682	62.1412922	112.7640741	88.09193412
ENSMUSG00000031570	6.367066661	12.52111039	7.061510478	21.74735715	20.769643
ENSMUSG00000031575	7.074518513	11.1298759	9.886114669	3.221830688	7.87814045
ENSMUSG00000031576	11.31922962	6.956172438	8.473812573	4.832746033	7.87814045
ENSMUSG00000031577	43.86201478	73.73542784	60.02283906	115.9859048	77.34901533
ENSMUSG00000031583	48.81417774	56.34499675	59.31668801	49.93837567	50.84981563
ENSMUSG00000031584	7.781970364	9.043024169	15.53532305	8.054576721	17.90486466
ENSMUSG00000031585	26.88317035	54.25814501	41.66291182	56.38203705	44.40406435
ENSMUSG00000031586	11.31922962	28.52030699	21.18453143	12.88732275	12.17530797
ENSMUSG00000031591	21.93100739	51.47567604	49.43057334	51.54929101	55.14698315
ENSMUSG00000031592	80.64951104	115.4724625	87.56272992	102.2931244	108.8615771
ENSMUSG00000031596	12.73413332	8.347406925	4.943057334	6.443661377	5.013362104
ENSMUSG00000031600	68.62282957	98.08203137	89.68118307	119.2077355	128.198831
ENSMUSG00000031601	74.28244438	143.2971522	117.927225	86.98942859	102.4158258
ENSMUSG00000031603	2.829807405	4.869320706	2.118453143	3.221830688	3.580972932
ENSMUSG00000031604	21.22355554	45.91073809	32.4829482	133.7059736	96.68626916
ENSMUSG00000031608	14.14903703	17.39043109	26.12758877	30.60739154	25.78300511
ENSMUSG00000031617	22.63845924	48.69320706	37.42600553	44.30017197	42.97167518
ENSMUSG00000031618	7.074518513	5.56493795	7.061510478	2.416373016	5.729556691
ENSMUSG00000031620	8.489422215	6.260555194	7.061510478	8.054576721	5.013362104
ENSMUSG00000031622	41.03220737	67.47487265	60.72899011	45.10562964	47.98503729
ENSMUSG00000031626	17.68629628	27.12907251	15.53532305	23.35827249	23.63442135
ENSMUSG00000031629	8.489422215	12.52111039	20.47838039	21.74735715	22.20203218
ENSMUSG00000031631	17.68629628	28.52030699	20.47838039	28.19101852	17.90486466
ENSMUSG00000031634	23.34591109	43.82388636	40.95676077	22.55281482	40.10689684
ENSMUSG00000031635	7.074518513	9.043024169	8.473812573	2.416373016	5.729556691
ENSMUSG00000031637	15.56394073	18.78166558	23.30298458	12.08186508	18.62105924
ENSMUSG00000031639	7.074518513	13.91234488	7.061510478	3.221830688	10.7429188
ENSMUSG00000031640	7.781970364	7.651789682	9.179963621	4.832746033	7.87814045
ENSMUSG00000031641	7.781970364	13.21672763	14.12302096	5.638203705	7.161945863
ENSMUSG00000031644	12.02668147	17.39043109	10.59226572	24.16373016	24.35061594
ENSMUSG00000031647	8.489422215	7.651789682	4.943057334	8.054576721	4.297167518
ENSMUSG00000031652	45.98437033	68.86610713	53.66747963	134.5114312	109.5777717
ENSMUSG00000031654	8.489422215	3.478086219	9.179963621	4.832746033	4.297167518
ENSMUSG00000031657	2.829807405	1.391234488	0.706151048	1.610915344	0.716194586

ENSMUSG00000031659	9.904325918	13.21672763	16.94762515	4.02728836	8.594335036
ENSMUSG00000031660	67.91537772	89.73462445	78.3827663	124.0404815	98.83485292
ENSMUSG00000031661	4.244711108	4.869320706	4.236906287	4.832746033	5.729556691
ENSMUSG00000031666	55.1812444	68.86610713	81.20737049	70.07481747	66.60609653
ENSMUSG00000031667	16.27139258	31.99839321	31.0706461	20.94189947	23.63442135
ENSMUSG00000031668	84.89422215	109.2119073	100.2734488	132.9005159	105.9967988
ENSMUSG00000031669	30.4204296	29.91154148	18.35992724	46.71654498	43.68786977
ENSMUSG00000031671	14.14903703	15.99919661	13.41686991	50.74383334	30.08017263
ENSMUSG00000031681	9.904325918	18.78166558	21.18453143	17.72006879	16.47247549
ENSMUSG00000031683	27.5906222	34.08524495	34.60140134	71.68573282	62.30892901
ENSMUSG00000031684	93.38364437	158.6007316	127.8133396	182.8388916	169.0219224
ENSMUSG00000031691	32.54278516	54.25814501	59.31668801	151.4260424	112.4425501
ENSMUSG00000031697	128.7562369	215.6413456	161.0024389	298.0193387	219.871738
ENSMUSG00000031698	12.02668147	5.56493795	7.767661525	10.47094974	12.17530797
ENSMUSG00000031700	5.65961481	6.956172438	11.29841676	8.860034393	10.7429188
ENSMUSG00000031708	60.13340736	107.1250555	84.03197468	140.1496349	121.0368851
ENSMUSG00000031709	11.31922962	14.60796212	11.29841676	37.85651059	37.24211849
ENSMUSG00000031712	9.196874066	8.347406925	7.061510478	10.47094974	7.161945863
ENSMUSG00000031715	71.45263698	99.47326586	91.09348516	173.1733995	137.5093606
ENSMUSG00000031722	3.537259256	4.173703463	9.179963621	4.02728836	4.297167518
ENSMUSG00000031728	43.86201478	51.47567604	43.07521391	47.52200265	40.82309142
ENSMUSG00000031730	19.80865184	17.39043109	13.41686991	20.94189947	21.48583759
ENSMUSG00000031731	62.96321476	92.51709342	79.7950684	148.2042117	116.023523
ENSMUSG00000031732	43.86201478	82.08283477	54.37363068	47.52200265	57.29556691
ENSMUSG00000031734	9.196874066	9.043024169	5.649208382	1.610915344	5.729556691
ENSMUSG00000031737	7.781970364	7.651789682	5.649208382	3.221830688	6.445751277
ENSMUSG00000031738	12.02668147	4.173703463	4.236906287	4.832746033	6.445751277
ENSMUSG00000031748	6.367066661	5.56493795	6.35535943	3.221830688	5.013362104
ENSMUSG00000031749	16.27139258	25.73783802	16.94762515	22.55281482	30.08017263
ENSMUSG00000031750	14.85648888	7.651789682	7.767661525	8.054576721	5.013362104
ENSMUSG00000031751	30.4204296	64.69240367	45.8998181	104.7094974	95.25387998
ENSMUSG00000031753	127.3413332	201.0333835	169.4762515	405.1452091	296.5045587
ENSMUSG00000031754	93.38364437	114.7768452	112.2780166	169.1461111	140.3741389
ENSMUSG00000031758	22.63845924	39.6501829	32.4829482	33.02376456	22.20203218
ENSMUSG00000031767	19.10119998	27.82468975	28.95219296	16.10915344	22.20203218
ENSMUSG00000031770	114.6071999	137.036597	134.1686991	277.8828969	219.871738
ENSMUSG00000031772	7.074518513	4.173703463	9.179963621	9.665492065	5.013362104
ENSMUSG00000031776	14.14903703	25.04222078	32.4829482	33.02376456	31.5125618
ENSMUSG00000031778	6.367066661	8.347406925	4.236906287	11.27640741	8.594335036
ENSMUSG00000031781	85.601674	125.2111039	112.2780166	157.8697037	129.6312201
ENSMUSG00000031782	14.14903703	30.60715873	28.95219296	37.05105292	50.84981563
ENSMUSG00000031783	57.30359995	87.64777272	74.85201106	105.514955	88.80812871
ENSMUSG00000031785	7.074518513	9.043024169	9.179963621	7.249119049	12.89150255

ENSMUSG00000031788	6.367066661	3.478086219	4.236906287	11.27640741	5.013362104
ENSMUSG00000031789	11.31922962	2.086851731	7.061510478	6.443661377	4.297167518
ENSMUSG00000031792	31.12788146	49.38882431	45.8998181	45.10562964	52.99839939
ENSMUSG00000031802	48.81417774	102.9513521	82.61967259	39.46742593	59.44415067
ENSMUSG00000031805	16.27139258	18.08604834	17.65377619	51.54929101	42.25548059
ENSMUSG00000031807	63.67066661	87.64777272	69.90895373	111.1531587	97.40246374
ENSMUSG00000031809	14.85648888	5.56493795	3.530755239	6.443661377	8.594335036
ENSMUSG00000031812	125.9264295	141.2103005	127.1071886	87.79488626	92.38910164
ENSMUSG00000031816	31.12788146	38.25894841	28.95219296	37.05105292	39.39070225
ENSMUSG00000031818	55.1812444	91.82147618	84.73812573	247.2755053	194.8049275
ENSMUSG00000031819	4.244711108	9.738641413	12.00456781	30.60739154	25.78300511
ENSMUSG00000031821	15.56394073	11.82549314	18.35992724	32.21830688	25.06681052
ENSMUSG00000031822	7.074518513	3.478086219	6.35535943	8.054576721	6.445751277
ENSMUSG00000031823	108.2401332	156.5138799	136.9933033	115.9859048	128.9150255
ENSMUSG00000031824	5.65961481	4.869320706	7.767661525	7.249119049	5.729556691
ENSMUSG00000031825	5.65961481	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG00000031826	0	0	0.706151048	0	1.432389173
ENSMUSG00000031827	157.7617628	189.2078903	154.6470795	147.398754	116.023523
ENSMUSG00000031832	7.781970364	12.52111039	11.29841676	8.860034393	18.62105924
ENSMUSG00000031833	64.37811846	86.25653823	90.38733411	113.5695318	103.848215
ENSMUSG00000031834	16.27139258	32.69401046	31.77679715	40.2728836	38.67450766
ENSMUSG00000031835	117.4370073	139.1234488	117.927225	157.0642461	145.387501
ENSMUSG00000031837	5.65961481	6.260555194	7.061510478	9.665492065	8.594335036
ENSMUSG00000031838	26.1757185	32.69401046	27.53989086	219.0844868	161.1437819
ENSMUSG00000031840	20.51610369	28.52030699	26.12758877	11.27640741	23.63442135
ENSMUSG00000031841	7.781970364	8.347406925	6.35535943	4.832746033	4.297167518
ENSMUSG00000031842	10.61177777	8.347406925	9.179963621	8.860034393	5.729556691
ENSMUSG00000031845	7.781970364	9.043024169	7.061510478	7.249119049	9.310529622
ENSMUSG00000031848	25.46826665	30.60715873	37.42600553	92.62763229	75.91662615
ENSMUSG00000031851	5.65961481	4.173703463	7.061510478	7.249119049	7.161945863
ENSMUSG00000031858	238.4112739	301.8978838	293.7588359	307.6848307	270.0053591
ENSMUSG00000031860	15.56394073	14.60796212	15.53532305	11.27640741	12.17530797
ENSMUSG00000031861	33.95768886	52.86691053	48.7244223	33.82922223	27.21539428
ENSMUSG00000031862	58.0110518	95.99517964	67.79050059	190.0880106	148.968474
ENSMUSG00000031864	14.14903703	18.78166558	26.12758877	25.77464551	35.09353473
ENSMUSG00000031865	35.37259256	71.64857611	70.61510478	42.68925662	56.57937232
ENSMUSG00000031870	4.244711108	10.43425866	8.473812573	5.638203705	5.729556691
ENSMUSG00000031872	7.781970364	5.56493795	4.943057334	7.249119049	7.161945863
ENSMUSG00000031878	65.79302217	94.60394515	78.3827663	60.40932541	63.74131818
ENSMUSG00000031879	11.31922962	21.56413456	24.71528667	43.49471429	40.82309142
ENSMUSG00000031883	60.84085921	94.60394515	80.50121945	66.85298678	58.01176149
ENSMUSG00000031885	3.537259256	9.043024169	5.649208382	5.638203705	6.445751277
ENSMUSG00000031886	12.73413332	2.782468975	7.767661525	7.249119049	5.729556691

ENSMUSG00000031887	24.05336294	49.38882431	45.19366706	27.38556085	37.95831308
ENSMUSG00000031901	9.904325918	15.30357936	16.94762515	4.832746033	15.7562809
ENSMUSG00000031902	71.45263698	115.4724625	84.03197468	207.0026217	174.7514791
ENSMUSG00000031910	10.61177777	7.651789682	7.061510478	9.665492065	8.594335036
ENSMUSG00000031916	96.92090362	139.1234488	120.0456781	299.630254	230.6146568
ENSMUSG00000031917	84.89422215	121.7330177	114.3964697	276.2719815	209.1288192
ENSMUSG00000031918	46.69182218	89.0390072	70.61510478	99.87675134	95.97007457
ENSMUSG00000031921	4.952162959	6.260555194	7.061510478	3.221830688	3.580972932
ENSMUSG00000031922	83.47931845	132.1672763	99.56729774	168.3406535	141.0903335
ENSMUSG00000031925	2.122355554	6.956172438	2.118453143	0.805457672	5.729556691
ENSMUSG00000031928	37.49494812	65.38802092	62.84744325	109.5422434	94.5376854
ENSMUSG00000031930	45.98437033	64.69240367	66.37819849	41.88379895	60.87653984
ENSMUSG00000031932	6.367066661	8.347406925	5.649208382	9.665492065	9.310529622
ENSMUSG00000031933	7.074518513	9.043024169	6.35535943	4.832746033	7.161945863
ENSMUSG00000031934	63.67066661	84.86530374	89.68118307	86.98942859	75.20043157
ENSMUSG00000031938	39.61730367	54.25814501	51.54902649	277.0774392	190.50776
ENSMUSG00000031939	41.03220737	65.38802092	55.07978173	258.5519127	198.3859004
ENSMUSG00000031948	109.6550369	137.7322143	117.2210739	215.8626561	185.4943979
ENSMUSG00000031949	21.93100739	22.2597518	24.71528667	21.74735715	22.20203218
ENSMUSG00000031955	7.781970364	4.173703463	5.649208382	7.249119049	7.161945863
ENSMUSG00000031958	10.61177777	7.651789682	11.29841676	12.88732275	7.87814045
ENSMUSG00000031959	37.49494812	59.12746572	58.61053696	122.4295662	103.1320204
ENSMUSG00000031960	29.71297775	50.08444155	44.48751601	99.07129367	88.80812871
ENSMUSG00000031965	9.904325918	5.56493795	4.943057334	3.221830688	6.445751277
ENSMUSG00000031967	40.32475552	75.82227957	77.67661525	76.51847885	78.06520991
ENSMUSG00000031969	9.196874066	15.99919661	10.59226572	15.30369577	7.87814045
ENSMUSG00000031970	7.781970364	4.173703463	7.061510478	6.443661377	6.445751277
ENSMUSG00000031971	18.39374813	13.91234488	12.00456781	22.55281482	22.91822676
ENSMUSG00000031976	32.54278516	45.21512085	36.71985448	86.18397091	66.60609653
ENSMUSG00000031979	81.3569629	123.1242521	103.098053	104.7094974	101.6996313
ENSMUSG00000031988	36.08004441	31.99839321	31.77679715	40.2728836	41.53928601
ENSMUSG00000031990	5.65961481	10.43425866	12.00456781	5.638203705	8.594335036
ENSMUSG00000031991	12.02668147	6.956172438	8.473812573	8.860034393	4.297167518
ENSMUSG00000031994	7.074518513	5.56493795	6.35535943	3.221830688	3.580972932
ENSMUSG00000031996	10.61177777	21.56413456	16.94762515	20.94189947	15.7562809
ENSMUSG00000032000	89.84638511	105.7338211	95.33039145	205.3917064	160.4275873
ENSMUSG00000032002	81.3569629	144.6883867	108.0411103	184.4498069	131.7798039
ENSMUSG00000032006	12.73413332	4.869320706	7.061510478	4.832746033	5.729556691
ENSMUSG00000032010	5.65961481	9.043024169	4.943057334	4.02728836	5.729556691
ENSMUSG00000032015	5.65961481	4.869320706	4.236906287	8.054576721	8.594335036
ENSMUSG00000032017	10.61177777	4.173703463	7.061510478	5.638203705	7.161945863
ENSMUSG00000032018	37.49494812	67.47487265	67.08434954	122.4295662	102.4158258
ENSMUSG00000032020	7.074518513	9.043024169	10.59226572	9.665492065	10.02672421

ENSMUSG00000032021	9.196874066	2.782468975	7.061510478	6.443661377	7.87814045
ENSMUSG00000032024	4.952162959	3.478086219	4.236906287	8.054576721	11.45911338
ENSMUSG00000032028	6.367066661	13.21672763	20.47838039	9.665492065	12.17530797
ENSMUSG00000032030	24.76081479	43.82388636	40.25060972	16.10915344	22.20203218
ENSMUSG00000032033	10.61177777	4.869320706	8.473812573	4.02728836	10.7429188
ENSMUSG00000032035	203.0386813	203.8158524	206.1961059	202.9753334	149.6846685
ENSMUSG00000032036	7.074518513	4.869320706	8.473812573	4.832746033	4.297167518
ENSMUSG00000032040	25.46826665	46.60635533	54.37363068	39.46742593	43.68786977
ENSMUSG00000032041	21.93100739	38.25894841	36.01370344	21.74735715	23.63442135
ENSMUSG00000032042	33.25023701	56.34499675	53.66747963	122.4295662	98.83485292
ENSMUSG00000032046	43.86201478	70.25734162	72.73355792	60.40932541	52.99839939
ENSMUSG00000032050	28.29807405	33.3896277	36.01370344	41.07834128	33.66114556
ENSMUSG00000032056	13.44158517	5.56493795	7.767661525	5.638203705	8.594335036
ENSMUSG00000032058	28.29807405	34.08524495	29.65834401	33.82922223	32.94495097
ENSMUSG00000032059	19.10119998	38.95456565	31.77679715	53.96566403	45.12025894
ENSMUSG00000032060	7.781970364	9.043024169	4.236906287	8.054576721	14.32389173
ENSMUSG00000032064	8.489422215	5.56493795	10.59226572	3.221830688	5.013362104
ENSMUSG00000032068	7.074518513	8.347406925	5.649208382	4.02728836	8.594335036
ENSMUSG00000032076	11.31922962	4.869320706	4.943057334	5.638203705	3.580972932
ENSMUSG00000032078	34.66514071	55.6493795	48.7244223	120.8186508	78.7814045
ENSMUSG00000032079	4.952162959	6.260555194	10.59226572	6.443661377	7.161945863
ENSMUSG00000032081	3.537259256	6.260555194	13.41686991	12.08186508	9.310529622
ENSMUSG00000032086	5.65961481	4.869320706	8.473812573	10.47094974	11.45911338
ENSMUSG00000032089	55.88869625	68.17048989	69.90895373	65.24207144	52.99839939
ENSMUSG00000032091	2.122355554	9.043024169	7.061510478	9.665492065	8.594335036
ENSMUSG00000032096	135.8307554	177.3823972	144.0548137	237.6100133	191.9401491
ENSMUSG00000032097	186.7672887	207.2939386	210.4330122	371.3159868	280.7482778
ENSMUSG00000032098	9.904325918	4.173703463	5.649208382	6.443661377	9.310529622
ENSMUSG00000032103	50.93653329	68.17048989	64.25974535	96.65492065	81.64618284
ENSMUSG00000032109	8.489422215	12.52111039	6.35535943	8.054576721	5.729556691
ENSMUSG00000032112	58.0110518	119.6461659	100.2734488	257.7464551	204.1154571
ENSMUSG00000032113	23.34591109	22.2597518	20.47838039	46.71654498	30.79636721
ENSMUSG00000032115	38.20239997	48.69320706	45.8998181	170.7570265	135.3607768
ENSMUSG00000032116	93.38364437	111.9943762	84.03197468	190.0880106	150.4008631
ENSMUSG00000032118	9.904325918	9.043024169	11.29841676	0.805457672	5.729556691
ENSMUSG00000032120	33.95768886	41.73703463	42.36906287	41.07834128	37.95831308
ENSMUSG00000032122	21.93100739	36.86771392	43.78136496	37.85651059	29.36397804
ENSMUSG00000032125	10.61177777	5.56493795	6.35535943	5.638203705	7.87814045
ENSMUSG00000032126	23.34591109	37.56333116	28.24604191	50.74383334	54.43078856
ENSMUSG00000032128	8.489422215	6.260555194	5.649208382	4.832746033	8.594335036
ENSMUSG00000032131	6.367066661	10.43425866	7.061510478	6.443661377	8.594335036
ENSMUSG00000032135	7.074518513	5.56493795	10.59226572	6.443661377	5.729556691
ENSMUSG00000032175	29.71297775	31.30277597	26.83373982	26.58010318	31.5125618

ENSMUSG00000032177	6.367066661	9.043024169	7.767661525	8.054576721	5.729556691
ENSMUSG00000032178	72.86754068	99.47326586	79.08891735	218.2790291	152.5494469
ENSMUSG00000032180	8.489422215	17.39043109	19.77222934	33.82922223	25.06681052
ENSMUSG00000032182	31.12788146	43.82388636	31.77679715	89.4058016	73.05184781
ENSMUSG00000032185	19.80865184	27.82468975	36.71985448	70.07481747	51.56601022
ENSMUSG00000032186	7.781970364	5.56493795	8.473812573	4.832746033	9.310529622
ENSMUSG00000032187	109.6550369	153.0357936	109.4534124	178.0061455	157.562809
ENSMUSG00000032199	92.67619252	114.7768452	108.7472614	211.8353678	163.2923657
ENSMUSG00000032202	21.93100739	34.78086219	37.42600553	26.58010318	32.22875639
ENSMUSG00000032204	8.489422215	6.260555194	4.943057334	5.638203705	7.161945863
ENSMUSG00000032207	5.65961481	6.260555194	11.29841676	6.443661377	10.02672421
ENSMUSG00000032215	41.03220737	70.95295887	73.43970897	198.948045	164.7247549
ENSMUSG00000032216	27.5906222	38.95456565	30.36449505	39.46742593	51.56601022
ENSMUSG00000032217	89.13893326	121.0374004	101.6857509	178.0061455	133.2121931
ENSMUSG00000032220	71.45263698	131.4716591	111.5718655	124.8459392	116.023523
ENSMUSG00000032221	10.61177777	19.47728283	11.29841676	15.30369577	17.18867007
ENSMUSG00000032224	6.367066661	8.347406925	7.061510478	4.02728836	7.87814045
ENSMUSG00000032228	44.56946663	70.25734162	58.61053696	68.46390213	65.17370736
ENSMUSG00000032231	5.65961481	3.478086219	4.236906287	5.638203705	5.013362104
ENSMUSG00000032232	11.31922962	8.347406925	6.35535943	5.638203705	5.729556691
ENSMUSG00000032235	23.34591109	35.47647943	30.36449505	33.82922223	32.94495097
ENSMUSG00000032238	4.952162959	6.260555194	7.061510478	5.638203705	3.580972932
ENSMUSG00000032239	60.84085921	69.56172438	75.55816211	72.49119049	60.87653984
ENSMUSG00000032245	4.952162959	9.043024169	12.00456781	7.249119049	9.310529622
ENSMUSG00000032246	9.904325918	5.56493795	5.649208382	9.665492065	5.013362104
ENSMUSG00000032249	35.37259256	69.56172438	57.90438592	188.4770953	159.7113928
ENSMUSG00000032251	6.367066661	12.52111039	6.35535943	24.16373016	15.7562809
ENSMUSG00000032252	0	0	0	0	0.716194586
ENSMUSG00000032253	76.40479994	100.1688831	79.7950684	192.5043836	156.8466144
ENSMUSG00000032254	23.34591109	31.99839321	29.65834401	73.29664816	49.41742646
ENSMUSG00000032258	14.14903703	25.04222078	14.829172	23.35827249	17.90486466
ENSMUSG00000032261	9.196874066	8.347406925	5.649208382	7.249119049	6.445751277
ENSMUSG00000032262	7.074518513	4.173703463	7.767661525	4.832746033	3.580972932
ENSMUSG00000032263	10.61177777	14.60796212	16.2414741	21.74735715	15.04008631
ENSMUSG00000032265	29.71297775	36.17209668	30.36449505	15.30369577	19.33725383
ENSMUSG00000032268	9.196874066	11.82549314	5.649208382	6.443661377	8.594335036
ENSMUSG00000032271	7.781970364	11.1298759	5.649208382	9.665492065	9.310529622
ENSMUSG00000032278	7.781970364	4.173703463	7.767661525	8.860034393	2.148583759
ENSMUSG00000032279	28.29807405	28.52030699	38.13215658	68.46390213	52.2822048
ENSMUSG00000032280	56.5961481	91.82147618	77.67661525	60.40932541	76.63282074
ENSMUSG00000032281	7.781970364	7.651789682	5.649208382	8.054576721	7.161945863
ENSMUSG00000032285	7.781970364	5.56493795	9.886114669	10.47094974	9.310529622
ENSMUSG00000032289	7.781970364	8.347406925	7.061510478	8.860034393	10.7429188

ENSMUSG00000032294	24.05336294	45.91073809	40.95676077	205.3917064	138.9417498
ENSMUSG00000032295	26.88317035	22.2597518	32.4829482	42.68925662	51.56601022
ENSMUSG00000032297	11.31922962	6.956172438	10.59226572	8.860034393	8.594335036
ENSMUSG00000032298	29.0055259	36.17209668	40.95676077	22.55281482	19.33725383
ENSMUSG00000032299	26.88317035	39.6501829	32.4829482	16.10915344	21.48583759
ENSMUSG00000032301	36.78749627	52.86691053	53.66747963	109.5422434	104.5644096
ENSMUSG00000032305	19.80865184	24.34660353	30.36449505	47.52200265	45.83645353
ENSMUSG00000032306	14.14903703	18.78166558	26.12758877	20.94189947	18.62105924
ENSMUSG00000032307	19.80865184	27.82468975	20.47838039	26.58010318	23.63442135
ENSMUSG00000032309	18.39374813	41.73703463	35.30755239	39.46742593	34.37734014
ENSMUSG00000032311	8.489422215	9.043024169	5.649208382	3.221830688	10.02672421
ENSMUSG00000032313	7.781970364	4.173703463	3.530755239	4.832746033	7.161945863
ENSMUSG00000032314	24.05336294	35.47647943	23.30298458	61.21478308	47.2688427
ENSMUSG00000032318	4.952162959	2.782468975	7.061510478	5.638203705	5.013362104
ENSMUSG00000032322	68.62282957	82.77845201	86.15042783	117.5968201	104.5644096
ENSMUSG00000032323	8.489422215	9.738641413	9.886114669	13.69278043	12.17530797
ENSMUSG00000032324	12.02668147	19.47728283	13.41686991	29.80193387	32.22875639
ENSMUSG00000032327	4.952162959	5.56493795	2.824604191	4.02728836	2.864778345
ENSMUSG00000032328	70.03773327	89.73462445	77.67661525	128.0677699	95.97007457
ENSMUSG00000032332	7.781970364	13.21672763	9.179963621	4.02728836	6.445751277
ENSMUSG00000032334	7.074518513	3.478086219	9.886114669	7.249119049	6.445751277
ENSMUSG00000032336	32.54278516	66.7792554	57.90438592	145.7878386	107.429188
ENSMUSG00000032342	21.22355554	36.86771392	39.54445867	54.7711217	32.22875639
ENSMUSG00000032343	12.73413332	10.43425866	7.767661525	6.443661377	4.297167518
ENSMUSG00000032344	4.244711108	5.56493795	7.767661525	4.832746033	8.594335036
ENSMUSG00000032349	24.05336294	64.69240367	53.66747963	68.46390213	58.01176149
ENSMUSG00000032352	16.27139258	20.17290007	24.00913562	41.07834128	45.12025894
ENSMUSG00000032355	8.489422215	6.260555194	8.473812573	3.221830688	10.7429188
ENSMUSG00000032356	3.537259256	4.869320706	4.236906287	4.02728836	7.87814045
ENSMUSG00000032357	6.367066661	5.56493795	9.179963621	5.638203705	5.729556691
ENSMUSG00000032358	9.904325918	4.869320706	12.71071886	2.416373016	3.580972932
ENSMUSG00000032359	159.1766665	164.1656695	151.8224753	145.7878386	121.0368851
ENSMUSG00000032360	7.074518513	6.260555194	7.767661525	5.638203705	7.87814045
ENSMUSG00000032363	9.196874066	9.043024169	12.71071886	4.832746033	9.310529622
ENSMUSG00000032366	16.27139258	16.69481385	10.59226572	12.08186508	7.161945863
ENSMUSG00000032368	9.196874066	4.173703463	6.35535943	1.610915344	5.013362104
ENSMUSG00000032369	10.61177777	9.738641413	11.29841676	49.132918	35.09353473
ENSMUSG00000032372	8.489422215	9.738641413	2.824604191	6.443661377	7.161945863
ENSMUSG00000032373	7.781970364	6.260555194	2.824604191	4.832746033	7.87814045
ENSMUSG00000032374	6.367066661	4.173703463	6.35535943	7.249119049	4.297167518
ENSMUSG00000032375	5.65961481	6.260555194	9.179963621	9.665492065	5.013362104
ENSMUSG00000032376	93.38364437	111.298759	99.56729774	167.5351958	143.2389173
ENSMUSG00000032382	54.47379255	111.9943762	68.49665163	95.84946298	98.11865833



ENSMUSG00000032384	54.47379255	95.2995624	82.61967259	92.62763229	100.2672421
ENSMUSG00000032386	59.42595551	95.99517964	67.79050059	62.82569842	68.75468029
ENSMUSG00000032387	7.074518513	9.738641413	5.649208382	2.416373016	6.445751277
ENSMUSG00000032392	16.27139258	11.1298759	15.53532305	13.69278043	12.89150255
ENSMUSG00000032393	42.447111108	66.08363816	60.02283906	63.6311561	78.7814045
ENSMUSG00000032396	10.61177777	18.78166558	14.829172	33.82922223	30.79636721
ENSMUSG00000032400	106.1177777	150.2533247	96.74269354	402.728836	272.8701374
ENSMUSG00000032401	7.781970364	6.956172438	10.59226572	4.832746033	5.729556691
ENSMUSG00000032402	16.27139258	29.91154148	30.36449505	28.9964762	34.37734014
ENSMUSG00000032405	139.3680147	155.8182626	153.2347774	137.7332619	105.2806042
ENSMUSG00000032407	101.1656147	149.5577074	124.2825844	195.7262143	164.0085603
ENSMUSG00000032409	15.56394073	34.08524495	25.42143772	39.46742593	29.36397804
ENSMUSG00000032410	72.16008883	127.2979556	81.20737049	110.3477011	94.5376854
ENSMUSG00000032411	12.73413332	11.1298759	12.71071886	12.88732275	11.45911338
ENSMUSG00000032413	34.66514071	57.73623123	38.83830763	103.9040397	85.22715578
ENSMUSG00000032415	7.781970364	11.1298759	9.179963621	9.665492065	10.7429188
ENSMUSG00000032417	9.904325918	19.47728283	17.65377619	12.88732275	18.62105924
ENSMUSG00000032418	8.489422215	4.869320706	8.473812573	3.221830688	3.580972932
ENSMUSG00000032422	12.73413332	26.43345526	17.65377619	16.10915344	19.33725383
ENSMUSG00000032423	37.49494812	47.99758982	52.25517753	232.7772672	186.926787
ENSMUSG00000032425	21.22355554	48.69320706	36.71985448	33.82922223	28.64778345
ENSMUSG00000032436	82.06441475	129.3848073	120.0456781	84.57305557	95.97007457
ENSMUSG00000032437	103.2879703	113.3856107	103.804204	220.6954022	181.9134249
ENSMUSG00000032440	159.8841184	162.774435	134.8748501	218.2790291	196.2373167
ENSMUSG00000032446	7.074518513	8.347406925	6.35535943	4.02728836	9.310529622
ENSMUSG00000032449	52.35143699	79.99598303	52.96132858	88.60034393	69.47087488
ENSMUSG00000032452	7.781970364	7.651789682	7.767661525	4.02728836	7.87814045
ENSMUSG00000032456	9.196874066	3.478086219	6.35535943	8.054576721	4.297167518
ENSMUSG00000032462	5.65961481	4.173703463	9.179963621	4.832746033	6.445751277
ENSMUSG00000032463	58.71850365	89.73462445	68.49665163	66.85298678	47.2688427
ENSMUSG00000032468	87.72402956	110.6031418	91.09348516	95.04400531	95.97007457
ENSMUSG00000032469	41.03220737	75.82227957	61.43514116	138.5387196	100.2672421
ENSMUSG00000032470	7.781970364	4.173703463	7.767661525	7.249119049	7.87814045
ENSMUSG00000032473	7.074518513	9.043024169	6.35535943	5.638203705	4.297167518
ENSMUSG00000032475	92.67619252	114.081228	107.3349593	95.84946298	108.8615771
ENSMUSG00000032477	23.34591109	21.56413456	27.53989086	222.3063175	143.9551119
ENSMUSG00000032478	19.10119998	14.60796212	17.65377619	28.19101852	32.22875639
ENSMUSG00000032479	38.20239997	49.38882431	61.43514116	48.32746033	42.97167518
ENSMUSG00000032480	37.49494812	67.47487265	43.07521391	89.4058016	67.32229112
ENSMUSG00000032481	66.50047402	95.2995624	93.21193831	148.2042117	128.198831
ENSMUSG00000032485	40.32475552	85.56092098	85.44427678	96.65492065	84.51096119
ENSMUSG00000032489	44.56946663	66.7792554	67.08434954	49.93837567	60.87653984
ENSMUSG00000032491	9.196874066	6.956172438	7.061510478	5.638203705	7.87814045

ENSMUSG00000032492	4.952162959	8.347406925	6.35535943	4.832746033	5.013362104
ENSMUSG00000032494	9.196874066	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000032497	19.80865184	37.56333116	26.12758877	17.72006879	24.35061594
ENSMUSG00000032500	9.904325918	6.260555194	5.649208382	3.221830688	4.297167518
ENSMUSG00000032503	8.489422215	6.956172438	5.649208382	4.832746033	6.445751277
ENSMUSG00000032504	134.4158517	162.774435	152.5286263	174.7843148	149.6846685
ENSMUSG00000032507	9.904325918	5.56493795	5.649208382	8.054576721	5.013362104
ENSMUSG00000032511	14.85648888	3.478086219	6.35535943	6.443661377	4.297167518
ENSMUSG00000032514	11.31922962	31.30277597	36.01370344	50.74383334	49.41742646
ENSMUSG00000032517	7.781970364	4.173703463	6.35535943	7.249119049	5.729556691
ENSMUSG00000032519	28.29807405	37.56333116	38.83830763	68.46390213	65.88990194
ENSMUSG00000032523	11.31922962	3.478086219	4.943057334	3.221830688	5.013362104
ENSMUSG00000032525	42.447111108	64.69240367	61.43514116	147.398754	98.83485292
ENSMUSG00000032526	21.93100739	50.08444155	35.30755239	46.71654498	55.14698315
ENSMUSG00000032527	19.10119998	22.95536904	14.12302096	22.55281482	16.47247549
ENSMUSG00000032530	8.489422215	6.260555194	4.943057334	7.249119049	5.729556691
ENSMUSG00000032531	6.367066661	9.738641413	6.35535943	4.832746033	8.594335036
ENSMUSG00000032534	41.03220737	69.56172438	50.13672439	67.65844446	57.29556691
ENSMUSG00000032536	88.43148141	102.2557348	118.633376	68.46390213	58.72795608
ENSMUSG00000032537	9.904325918	7.651789682	6.35535943	2.416373016	2.864778345
ENSMUSG00000032540	9.904325918	9.043024169	9.179963621	7.249119049	7.87814045
ENSMUSG00000032547	7.781970364	11.82549314	9.886114669	4.832746033	10.02672421
ENSMUSG00000032548	14.14903703	9.738641413	4.943057334	5.638203705	8.594335036
ENSMUSG00000032553	30.4204296	37.56333116	42.36906287	50.74383334	45.12025894
ENSMUSG00000032554	0	0	0	0	0
ENSMUSG00000032555	33.25023701	63.99678643	57.19823487	126.4568545	97.40246374
ENSMUSG00000032556	7.074518513	10.43425866	6.35535943	7.249119049	5.729556691
ENSMUSG00000032557	39.61730367	71.64857611	59.31668801	69.2693598	79.49759908
ENSMUSG00000032558	10.61177777	7.651789682	5.649208382	4.02728836	6.445751277
ENSMUSG00000032560	65.79302217	100.8645003	87.56272992	102.2931244	74.48423698
ENSMUSG00000032561	7.074518513	6.260555194	5.649208382	2.416373016	8.594335036
ENSMUSG00000032562	167.6660887	172.5130765	162.414741	247.2755053	195.5211221
ENSMUSG00000032563	20.51610369	36.17209668	40.25060972	98.265836	81.64618284
ENSMUSG00000032564	7.781970364	7.651789682	7.061510478	6.443661377	6.445751277
ENSMUSG00000032567	29.0055259	46.60635533	42.36906287	38.66196826	48.70123187
ENSMUSG00000032570	12.02668147	8.347406925	4.943057334	5.638203705	5.729556691
ENSMUSG00000032571	47.39927403	72.34419335	68.49665163	58.79841006	46.55264811
ENSMUSG00000032575	26.1757185	40.34580014	37.42600553	236.8045556	170.4543116
ENSMUSG00000032577	17.68629628	30.60715873	26.12758877	53.96566403	41.53928601
ENSMUSG00000032579	10.61177777	11.1298759	12.71071886	55.57657937	41.53928601
ENSMUSG00000032580	120.9742666	143.9927695	138.4056054	212.6408254	169.0219224
ENSMUSG00000032582	88.43148141	116.863697	96.74269354	153.8424154	140.3741389
ENSMUSG00000032584	0.707451851	4.173703463	1.412302096	6.443661377	3.580972932

ENSMUSG00000032589	12.02668147	2.782468975	9.179963621	7.249119049	2.864778345
ENSMUSG00000032590	23.34591109	45.21512085	48.01827125	41.88379895	45.12025894
ENSMUSG00000032591	4.244711108	8.347406925	6.35535943	19.33098413	21.48583759
ENSMUSG00000032594	128.7562369	167.6437558	115.8087718	151.4260424	126.0502472
ENSMUSG00000032595	7.074518513	12.52111039	10.59226572	8.860034393	9.310529622
ENSMUSG00000032596	60.13340736	72.34419335	58.61053696	77.32393652	78.06520991
ENSMUSG00000032599	180.4002221	182.2517179	188.5423298	116.7913625	126.0502472
ENSMUSG00000032601	10.61177777	13.21672763	8.473812573	16.91461111	17.90486466
ENSMUSG00000032604	30.4204296	60.51870021	53.66747963	62.82569842	49.41742646
ENSMUSG00000032607	10.61177777	13.91234488	14.829172	5.638203705	6.445751277
ENSMUSG00000032609	5.65961481	9.043024169	5.649208382	7.249119049	4.297167518
ENSMUSG00000032612	117.4370073	144.6883867	145.4671158	154.647873	153.2656415
ENSMUSG00000032615	33.25023701	52.17129328	52.96132858	70.88027514	75.20043157
ENSMUSG00000032624	108.9475851	122.4286349	126.4010376	190.0880106	154.6980307
ENSMUSG00000032625	8.489422215	8.347406925	6.35535943	3.221830688	6.445751277
ENSMUSG00000032633	34.66514071	54.95376226	55.07978173	70.88027514	73.05184781
ENSMUSG00000032637	35.37259256	41.04141738	40.95676077	127.2623122	100.2672421
ENSMUSG00000032640	69.33028142	81.38721752	78.3827663	85.37851324	78.7814045
ENSMUSG00000032641	7.781970364	11.82549314	7.767661525	12.88732275	13.60769714
ENSMUSG00000032643	29.71297775	35.47647943	38.13215658	161.0915344	98.83485292
ENSMUSG00000032648	10.61177777	26.43345526	15.53532305	9.665492065	10.02672421
ENSMUSG00000032649	6.367066661	7.651789682	5.649208382	3.221830688	5.729556691
ENSMUSG00000032652	26.1757185	57.73623123	46.60596915	14.4982381	27.21539428
ENSMUSG00000032656	17.68629628	30.60715873	35.30755239	67.65844446	51.56601022
ENSMUSG00000032657	13.44158517	11.82549314	12.00456781	8.860034393	10.7429188
ENSMUSG00000032666	7.074518513	5.56493795	9.179963621	10.47094974	5.729556691
ENSMUSG00000032667	50.93653329	65.38802092	62.84744325	57.18749472	45.12025894
ENSMUSG00000032679	8.489422215	9.738641413	9.179963621	8.860034393	10.02672421
ENSMUSG00000032680	0.707451851	2.086851731	2.118453143	14.4982381	16.47247549
ENSMUSG00000032690	13.44158517	18.78166558	8.473812573	12.08186508	17.18867007
ENSMUSG00000032691	11.31922962	9.738641413	11.29841676	3.221830688	2.148583759
ENSMUSG00000032698	4.244711108	7.651789682	7.061510478	6.443661377	12.17530797
ENSMUSG00000032702	3.537259256	9.043024169	4.236906287	3.221830688	4.297167518
ENSMUSG00000032712	72.86754068	130.0804246	101.6857509	84.57305557	91.67290705
ENSMUSG00000032717	12.73413332	3.478086219	8.473812573	6.443661377	7.161945863
ENSMUSG00000032725	9.196874066	9.043024169	7.767661525	4.02728836	6.445751277
ENSMUSG00000032726	7.074518513	6.956172438	8.473812573	4.832746033	3.580972932
ENSMUSG00000032727	31.83533331	33.3896277	29.65834401	28.19101852	26.49919969
ENSMUSG00000032735	4.952162959	5.56493795	5.649208382	4.832746033	10.02672421
ENSMUSG00000032737	5.65961481	6.260555194	9.179963621	7.249119049	7.87814045
ENSMUSG00000032739	15.56394073	11.1298759	18.35992724	9.665492065	9.310529622
ENSMUSG00000032740	5.65961481	5.56493795	9.886114669	8.054576721	10.02672421
ENSMUSG00000032743	69.33028142	102.2557348	98.15499564	93.43308996	107.429188

ENSMUSG00000032745	128.0487851	139.1234488	132.756397	215.0571984	146.1036956
ENSMUSG00000032750	7.781970364	13.91234488	12.71071886	10.47094974	2.864778345
ENSMUSG00000032754	22.63845924	19.47728283	19.77222934	14.4982381	12.89150255
ENSMUSG00000032763	19.80865184	27.82468975	20.47838039	16.91461111	15.04008631
ENSMUSG00000032782	25.46826665	29.91154148	26.83373982	28.19101852	24.35061594
ENSMUSG00000032786	22.63845924	31.30277597	31.0706461	37.85651059	35.80972932
ENSMUSG00000032788	16.97884443	25.73783802	22.59683353	22.55281482	24.35061594
ENSMUSG00000032803	70.03773327	103.6469693	84.73812573	206.1971641	181.9134249
ENSMUSG00000032806	0	0	0	0	0
ENSMUSG00000032812	172.6182517	160.6875833	144.0548137	157.8697037	129.6312201
ENSMUSG00000032815	9.196874066	14.60796212	14.829172	24.16373016	25.78300511
ENSMUSG00000032816	7.781970364	3.478086219	7.061510478	4.02728836	5.729556691
ENSMUSG00000032818	9.904325918	11.1298759	4.943057334	8.054576721	4.297167518
ENSMUSG00000032826	14.85648888	5.56493795	7.767661525	8.860034393	5.729556691
ENSMUSG00000032827	5.65961481	9.738641413	9.179963621	7.249119049	5.729556691
ENSMUSG00000032834	21.93100739	32.69401046	33.18909925	86.98942859	58.72795608
ENSMUSG00000032839	8.489422215	5.56493795	7.767661525	3.221830688	4.297167518
ENSMUSG00000032841	6.367066661	8.347406925	12.71071886	4.832746033	9.310529622
ENSMUSG00000032842	13.44158517	23.65098629	16.2414741	14.4982381	18.62105924
ENSMUSG00000032845	11.31922962	18.78166558	13.41686991	7.249119049	12.89150255
ENSMUSG00000032846	32.54278516	48.69320706	45.19366706	20.1364418	36.5259239
ENSMUSG00000032849	16.27139258	36.86771392	31.0706461	31.41284921	31.5125618
ENSMUSG00000032850	33.95768886	54.95376226	43.78136496	33.82922223	40.82309142
ENSMUSG00000032854	3.537259256	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG00000032869	28.29807405	49.38882431	31.77679715	16.10915344	17.90486466
ENSMUSG00000032872	27.5906222	61.21431745	55.07978173	53.16020636	39.39070225
ENSMUSG00000032878	6.367066661	7.651789682	7.061510478	5.638203705	10.02672421
ENSMUSG00000032883	2.122355554	2.782468975	2.118453143	0	0
ENSMUSG00000032889	12.73413332	6.956172438	7.767661525	7.249119049	12.89150255
ENSMUSG00000032890	3.537259256	5.56493795	8.473812573	4.02728836	10.7429188
ENSMUSG00000032892	8.489422215	9.043024169	4.236906287	9.665492065	7.87814045
ENSMUSG00000032894	4.952162959	4.869320706	6.35535943	4.832746033	4.297167518
ENSMUSG00000032897	8.489422215	13.91234488	6.35535943	12.88732275	6.445751277
ENSMUSG00000032899	12.73413332	8.347406925	9.886114669	7.249119049	5.729556691
ENSMUSG00000032900	10.61177777	8.347406925	12.00456781	13.69278043	17.90486466
ENSMUSG00000032913	79.94205919	98.08203137	89.68118307	77.32393652	74.48423698
ENSMUSG00000032921	6.367066661	3.478086219	7.767661525	8.054576721	7.161945863
ENSMUSG00000032925	13.44158517	7.651789682	4.943057334	4.02728836	5.013362104
ENSMUSG00000032932	23.34591109	22.2597518	22.59683353	33.02376456	30.08017263
ENSMUSG00000032936	9.196874066	7.651789682	12.71071886	9.665492065	5.729556691
ENSMUSG00000032939	29.71297775	23.65098629	28.95219296	69.2693598	54.43078856
ENSMUSG00000032940	5.65961481	9.043024169	6.35535943	4.02728836	4.297167518
ENSMUSG00000032942	9.196874066	6.956172438	9.179963621	6.443661377	7.161945863

ENSMUSG00000032946	33.95768886	39.6501829	35.30755239	28.19101852	26.49919969
ENSMUSG00000032948	9.196874066	4.869320706	4.236906287	4.02728836	4.297167518
ENSMUSG00000032952	47.39927403	75.82227957	53.66747963	103.9040397	85.22715578
ENSMUSG00000032959	29.0055259	42.43265187	50.84287544	78.93485187	59.44415067
ENSMUSG00000032965	8.489422215	17.39043109	13.41686991	12.08186508	19.33725383
ENSMUSG00000032966	42.44711108	59.12746572	50.13672439	96.65492065	87.37573953
ENSMUSG00000032978	7.074518513	9.738641413	6.35535943	5.638203705	7.161945863
ENSMUSG00000032985	5.65961481	6.260555194	7.061510478	3.221830688	6.445751277
ENSMUSG00000032997	2.829807405	7.651789682	7.767661525	8.860034393	8.594335036
ENSMUSG00000032998	10.61177777	9.043024169	13.41686991	8.860034393	10.02672421
ENSMUSG00000032999	11.31922962	10.43425866	4.236906287	5.638203705	10.02672421
ENSMUSG00000033004	66.50047402	108.51629	79.08891735	177.2006879	127.4826364
ENSMUSG00000033007	4.244711108	6.956172438	4.943057334	5.638203705	5.013362104
ENSMUSG00000033009	77.11225179	123.1242521	101.6857509	136.1223466	133.2121931
ENSMUSG00000033014	77.11225179	92.51709342	88.97503202	126.4568545	106.7129934
ENSMUSG00000033016	22.63845924	41.73703463	48.7244223	68.46390213	61.59273443
ENSMUSG00000033021	14.14903703	16.69481385	17.65377619	21.74735715	10.02672421
ENSMUSG00000033024	6.367066661	4.869320706	12.00456781	4.832746033	7.161945863
ENSMUSG00000033027	7.781970364	9.043024169	6.35535943	3.221830688	7.87814045
ENSMUSG00000033029	42.44711108	65.38802092	57.19823487	100.682209	90.24051788
ENSMUSG00000033031	51.64398514	68.86610713	64.96589639	179.6170609	134.6445822
ENSMUSG00000033032	12.73413332	5.56493795	9.886114669	6.443661377	3.580972932
ENSMUSG00000033033	78.52715549	110.6031418	103.804204	39.46742593	47.2688427
ENSMUSG00000033044	9.904325918	8.347406925	7.767661525	4.832746033	10.7429188
ENSMUSG00000033055	42.44711108	66.7792554	58.61053696	82.96214023	70.90326405
ENSMUSG00000033060	13.44158517	8.347406925	9.886114669	9.665492065	15.7562809
ENSMUSG00000033061	7.074518513	8.347406925	5.649208382	7.249119049	2.864778345
ENSMUSG00000033065	18.39374813	24.34660353	12.71071886	35.44013757	32.22875639
ENSMUSG00000033066	8.489422215	4.869320706	4.236906287	4.02728836	7.161945863
ENSMUSG00000033068	19.10119998	31.99839321	31.0706461	37.85651059	35.09353473
ENSMUSG00000033075	38.90985182	55.6493795	52.96132858	103.098582	79.49759908
ENSMUSG00000033082	7.074518513	9.738641413	11.29841676	8.054576721	7.87814045
ENSMUSG00000033083	7.074518513	13.21672763	9.886114669	6.443661377	7.161945863
ENSMUSG00000033088	9.904325918	8.347406925	6.35535943	8.860034393	5.013362104
ENSMUSG00000033102	5.65961481	10.43425866	9.179963621	4.832746033	7.161945863
ENSMUSG00000033105	9.196874066	15.30357936	16.94762515	33.82922223	33.66114556
ENSMUSG00000033111	11.31922962	14.60796212	9.886114669	22.55281482	17.90486466
ENSMUSG00000033114	14.85648888	25.04222078	17.65377619	22.55281482	20.769643
ENSMUSG00000033122	8.489422215	6.260555194	10.59226572	5.638203705	7.161945863
ENSMUSG00000033124	24.05336294	43.82388636	45.8998181	28.19101852	40.82309142
ENSMUSG00000033147	7.074518513	8.347406925	9.179963621	1.610915344	2.864778345
ENSMUSG00000033149	7.781970364	6.956172438	12.00456781	8.860034393	5.013362104
ENSMUSG00000033152	9.196874066	4.869320706	6.35535943	7.249119049	7.161945863

ENSMUSG00000033157	37.49494812	61.21431745	45.8998181	81.35122488	69.47087488
ENSMUSG00000033159	27.5906222	47.30197258	41.66291182	57.18749472	59.44415067
ENSMUSG00000033161	17.68629628	32.69401046	31.77679715	66.85298678	68.0384857
ENSMUSG00000033166	39.61730367	53.56252777	56.49208382	115.9859048	83.07857202
ENSMUSG00000033170	5.65961481	11.1298759	7.767661525	5.638203705	7.161945863
ENSMUSG00000033174	7.781970364	6.956172438	7.061510478	3.221830688	8.594335036
ENSMUSG00000033177	7.781970364	6.956172438	7.061510478	6.443661377	5.729556691
ENSMUSG00000033182	12.02668147	4.869320706	8.473812573	3.221830688	7.161945863
ENSMUSG00000033184	87.72402956	121.0374004	98.86114669	314.9339498	219.871738
ENSMUSG00000033191	8.489422215	9.738641413	12.00456781	9.665492065	7.87814045
ENSMUSG00000033196	7.781970364	4.173703463	9.886114669	7.249119049	9.310529622
ENSMUSG00000033200	2.829807405	2.086851731	3.530755239	4.02728836	5.013362104
ENSMUSG00000033209	9.196874066	11.82549314	9.179963621	9.665492065	7.161945863
ENSMUSG00000033210	7.074518513	2.782468975	9.179963621	4.832746033	6.445751277
ENSMUSG00000033213	9.904325918	6.956172438	5.649208382	2.416373016	9.310529622
ENSMUSG00000033222	19.80865184	27.82468975	17.65377619	24.96918783	27.93158887
ENSMUSG00000033233	7.074518513	12.52111039	4.236906287	6.443661377	5.729556691
ENSMUSG00000033237	29.0055259	39.6501829	45.19366706	117.5968201	85.94335036
ENSMUSG00000033249	7.781970364	11.82549314	14.829172	5.638203705	13.60769714
ENSMUSG00000033253	69.33028142	113.3856107	109.4534124	118.4022778	98.83485292
ENSMUSG00000033256	9.904325918	17.39043109	14.829172	8.054576721	12.17530797
ENSMUSG00000033257	22.63845924	29.21592424	22.59683353	24.16373016	32.22875639
ENSMUSG00000033272	43.86201478	70.25734162	51.54902649	124.0404815	122.4692743
ENSMUSG00000033276	25.46826665	43.12826911	48.01827125	52.35474869	35.09353473
ENSMUSG00000033278	5.65961481	5.56493795	5.649208382	4.02728836	5.729556691
ENSMUSG00000033282	50.93653329	77.9091313	64.96589639	57.18749472	58.01176149
ENSMUSG00000033285	65.08557032	92.51709342	81.91352154	97.46037832	106.7129934
ENSMUSG00000033287	5.65961481	4.869320706	7.061510478	13.69278043	7.161945863
ENSMUSG00000033294	21.93100739	55.6493795	43.78136496	157.0642461	108.8615771
ENSMUSG00000033295	6.367066661	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG00000033306	25.46826665	32.69401046	31.0706461	57.18749472	49.41742646
ENSMUSG00000033308	9.904325918	8.347406925	9.179963621	4.832746033	5.013362104
ENSMUSG00000033313	28.29807405	41.04141738	38.83830763	25.77464551	30.08017263
ENSMUSG00000033316	4.244711108	7.651789682	5.649208382	2.416373016	5.013362104
ENSMUSG00000033323	92.67619252	117.5593142	105.9226572	119.2077355	113.1587446
ENSMUSG00000033326	60.84085921	82.08283477	68.49665163	59.60386773	48.70123187
ENSMUSG00000033335	180.4002221	189.2078903	177.243913	212.6408254	183.3458141
ENSMUSG00000033342	9.904325918	5.56493795	5.649208382	11.27640741	3.580972932
ENSMUSG00000033352	69.33028142	98.08203137	81.20737049	106.3204127	100.9834367
ENSMUSG00000033361	6.367066661	3.478086219	1.412302096	4.832746033	5.013362104
ENSMUSG00000033364	12.02668147	7.651789682	12.00456781	11.27640741	11.45911338
ENSMUSG00000033365	41.03220737	73.73542784	64.96589639	54.7711217	61.59273443
ENSMUSG00000033373	0	2.086851731	0.706151048	0	0.716194586

ENSMUSG00000033377	6.367066661	7.651789682	7.767661525	4.02728836	9.310529622
ENSMUSG00000033379	32.54278516	35.47647943	25.42143772	24.16373016	35.09353473
ENSMUSG00000033382	103.9954221	139.1234488	126.4010376	132.9005159	116.023523
ENSMUSG00000033386	11.31922962	6.956172438	6.35535943	4.02728836	9.310529622
ENSMUSG00000033389	6.367066661	5.56493795	2.824604191	5.638203705	3.580972932
ENSMUSG00000033392	21.22355554	40.34580014	28.24604191	24.16373016	35.09353473
ENSMUSG00000033396	55.88869625	78.60474855	62.1412922	58.79841006	42.25548059
ENSMUSG00000033400	11.31922962	9.043024169	9.179963621	3.221830688	4.297167518
ENSMUSG00000033409	9.196874066	11.82549314	12.71071886	4.02728836	12.17530797
ENSMUSG00000033411	84.1867703	98.77764862	92.50578726	138.5387196	113.1587446
ENSMUSG00000033416	103.9954221	144.6883867	144.7609648	265.8010318	217.7231542
ENSMUSG00000033417	63.67066661	106.4294383	90.38733411	112.7640741	111.7263555
ENSMUSG00000033419	8.489422215	5.56493795	7.061510478	4.832746033	2.864778345
ENSMUSG00000033420	11.31922962	5.56493795	9.179963621	8.054576721	8.594335036
ENSMUSG00000033423	33.95768886	47.99758982	43.07521391	42.68925662	37.95831308
ENSMUSG00000033427	7.781970364	7.651789682	12.71071886	4.832746033	8.594335036
ENSMUSG00000033429	43.15456293	66.08363816	65.67204744	133.7059736	131.0636093
ENSMUSG00000033430	98.33580733	140.5146832	134.1686991	244.0536746	199.102095
ENSMUSG00000033434	14.14903703	31.99839321	17.65377619	120.8186508	80.92998826
ENSMUSG00000033436	8.489422215	9.738641413	7.767661525	14.4982381	10.02672421
ENSMUSG00000033439	11.31922962	10.43425866	13.41686991	11.27640741	17.90486466
ENSMUSG00000033444	74.28244438	109.2119073	87.56272992	99.07129367	78.7814045
ENSMUSG00000033458	6.367066661	13.21672763	10.59226572	13.69278043	6.445751277
ENSMUSG00000033460	3.537259256	5.56493795	4.943057334	1.610915344	1.432389173
ENSMUSG00000033467	4.952162959	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000033470	12.02668147	3.478086219	8.473812573	5.638203705	3.580972932
ENSMUSG00000033475	11.31922962	17.39043109	26.12758877	59.60386773	63.0251236
ENSMUSG00000033486	67.91537772	80.69160028	73.43970897	274.6610662	189.0753708
ENSMUSG00000033487	29.0055259	46.60635533	42.36906287	103.9040397	80.92998826
ENSMUSG00000033488	6.367066661	8.347406925	7.061510478	8.860034393	6.445751277
ENSMUSG00000033491	11.31922962	2.782468975	6.35535943	7.249119049	7.161945863
ENSMUSG00000033498	9.904325918	4.869320706	7.061510478	8.860034393	6.445751277
ENSMUSG00000033499	102.5805184	137.7322143	114.3964697	183.6443492	167.5895332
ENSMUSG00000033502	20.51610369	29.21592424	28.95219296	24.96918783	39.39070225
ENSMUSG00000033510	6.367066661	4.173703463	12.00456781	3.221830688	4.297167518
ENSMUSG00000033526	19.10119998	20.17290007	19.77222934	18.52552646	22.20203218
ENSMUSG00000033533	12.73413332	4.173703463	10.59226572	6.443661377	5.013362104
ENSMUSG00000033538	38.90985182	71.64857611	44.48751601	109.5422434	86.65954495
ENSMUSG00000033540	25.46826665	31.99839321	32.4829482	28.9964762	28.64778345
ENSMUSG00000033542	8.489422215	6.956172438	7.061510478	1.610915344	2.864778345
ENSMUSG00000033543	80.64951104	131.4716591	124.9887355	163.5079074	138.9417498
ENSMUSG00000033545	31.83533331	29.91154148	30.36449505	33.82922223	33.66114556
ENSMUSG00000033554	71.45263698	122.4286349	76.97046421	103.9040397	92.38910164

ENSMUSG00000033557	22.63845924	41.73703463	37.42600553	49.132918	36.5259239
ENSMUSG00000033565	2.829807405	4.869320706	5.649208382	7.249119049	4.297167518
ENSMUSG00000033569	8.489422215	7.651789682	7.061510478	4.02728836	3.580972932
ENSMUSG00000033576	4.952162959	5.56493795	7.061510478	5.638203705	4.297167518
ENSMUSG00000033577	7.781970364	6.956172438	7.767661525	8.860034393	7.161945863
ENSMUSG00000033579	5.65961481	6.260555194	9.179963621	5.638203705	7.161945863
ENSMUSG00000033581	5.65961481	6.956172438	7.767661525	8.054576721	8.594335036
ENSMUSG00000033594	17.68629628	27.12907251	17.65377619	9.665492065	14.32389173
ENSMUSG00000033610	12.73413332	27.12907251	26.83373982	14.4982381	30.79636721
ENSMUSG00000033623	118.851911	154.4270281	149.7040221	124.0404815	89.52432329
ENSMUSG00000033624	31.83533331	57.04061399	52.25517753	41.07834128	44.40406435
ENSMUSG00000033628	53.7663407	86.95215547	55.07978173	59.60386773	63.0251236
ENSMUSG00000033632	27.5906222	37.56333116	43.07521391	25.77464551	27.21539428
ENSMUSG00000033633	6.367066661	13.21672763	6.35535943	5.638203705	9.310529622
ENSMUSG00000033653	16.27139258	20.86851731	22.59683353	14.4982381	15.04008631
ENSMUSG00000033658	10.61177777	20.17290007	18.35992724	22.55281482	19.33725383
ENSMUSG00000033671	93.38364437	125.2111039	102.3919019	120.8186508	137.5093606
ENSMUSG00000033676	7.074518513	9.738641413	8.473812573	3.221830688	5.729556691
ENSMUSG00000033684	12.73413332	20.86851731	16.94762515	11.27640741	16.47247549
ENSMUSG00000033685	120.9742666	155.1226454	132.756397	273.0501508	199.102095
ENSMUSG00000033688	47.39927403	58.43184848	53.66747963	82.15668255	82.36237743
ENSMUSG00000033697	10.61177777	19.47728283	20.47838039	15.30369577	20.05344842
ENSMUSG00000033701	28.29807405	34.78086219	38.83830763	82.96214023	76.63282074
ENSMUSG00000033705	7.781970364	1.391234488	7.061510478	8.054576721	4.297167518
ENSMUSG00000033706	24.05336294	43.12826911	40.25060972	125.6513968	97.40246374
ENSMUSG00000033713	83.47931845	127.9935729	111.5718655	49.93837567	68.75468029
ENSMUSG00000033715	9.196874066	5.56493795	8.473812573	6.443661377	8.594335036
ENSMUSG00000033720	5.65961481	13.91234488	9.886114669	8.860034393	5.729556691
ENSMUSG00000033721	7.074518513	11.1298759	4.943057334	7.249119049	7.161945863
ENSMUSG00000033728	23.34591109	36.86771392	36.71985448	57.18749472	58.72795608
ENSMUSG00000033732	120.2668147	182.9473351	170.1824025	394.6742593	303.6665046
ENSMUSG00000033737	4.952162959	3.478086219	3.530755239	1.610915344	3.580972932
ENSMUSG00000033740	12.02668147	9.738641413	4.943057334	5.638203705	10.7429188
ENSMUSG00000033760	29.71297775	56.34499675	40.25060972	49.93837567	59.44415067
ENSMUSG00000033763	7.074518513	4.173703463	4.943057334	15.30369577	6.445751277
ENSMUSG00000033767	66.50047402	84.86530374	72.73355792	96.65492065	83.7947666
ENSMUSG00000033768	4.244711108	10.43425866	9.886114669	8.860034393	6.445751277
ENSMUSG00000033769	12.73413332	18.08604834	17.65377619	14.4982381	9.310529622
ENSMUSG00000033770	8.489422215	6.260555194	7.061510478	7.249119049	4.297167518
ENSMUSG00000033773	27.5906222	38.25894841	33.89525029	32.21830688	34.37734014
ENSMUSG00000033788	12.73413332	10.43425866	4.943057334	9.665492065	3.580972932
ENSMUSG00000033790	24.76081479	45.91073809	41.66291182	63.6311561	58.72795608
ENSMUSG00000033792	22.63845924	29.91154148	27.53989086	32.21830688	18.62105924



ENSMUSG00000033793	39.61730367	62.60555194	54.37363068	51.54929101	59.44415067
ENSMUSG00000033799	47.39927403	71.64857611	64.25974535	164.3133651	136.0769714
ENSMUSG00000033805	2.122355554	0.695617244	3.530755239	2.416373016	3.580972932
ENSMUSG00000033808	103.2879703	143.2971522	132.0502459	150.6205847	139.6579443
ENSMUSG00000033809	22.63845924	40.34580014	31.0706461	81.35122488	65.17370736
ENSMUSG00000033813	77.81970364	108.51629	86.85657888	159.4806191	123.9016634
ENSMUSG00000033819	16.27139258	20.86851731	21.18453143	25.77464551	21.48583759
ENSMUSG00000033845	37.49494812	79.30036579	52.25517753	122.4295662	94.5376854
ENSMUSG00000033847	8.489422215	4.869320706	8.473812573	9.665492065	7.87814045
ENSMUSG00000033852	0	0	0	0	0
ENSMUSG00000033854	8.489422215	6.260555194	13.41686991	8.054576721	5.013362104
ENSMUSG00000033855	5.65961481	9.738641413	11.29841676	2.416373016	5.729556691
ENSMUSG00000033857	16.27139258	12.52111039	12.71071886	12.08186508	14.32389173
ENSMUSG00000033860	9.904325918	4.869320706	7.061510478	6.443661377	10.02672421
ENSMUSG00000033871	12.02668147	19.47728283	18.35992724	40.2728836	33.66114556
ENSMUSG00000033880	9.196874066	19.47728283	11.29841676	53.16020636	29.36397804
ENSMUSG00000033882	9.904325918	6.260555194	6.35535943	8.054576721	2.864778345
ENSMUSG00000033885	138.6605628	157.2094971	159.5901368	231.1663519	171.1705061
ENSMUSG00000033898	13.44158517	8.347406925	5.649208382	4.02728836	4.297167518
ENSMUSG00000033900	5.65961481	8.347406925	2.118453143	4.832746033	2.864778345
ENSMUSG00000033902	14.14903703	20.86851731	27.53989086	24.16373016	18.62105924
ENSMUSG00000033904	9.196874066	20.17290007	14.12302096	18.52552646	10.02672421
ENSMUSG00000033909	58.0110518	81.38721752	82.61967259	171.5624842	142.5227227
ENSMUSG00000033910	9.904325918	4.869320706	9.179963621	2.416373016	4.297167518
ENSMUSG00000033917	48.81417774	100.1688831	90.38733411	79.74030954	63.0251236
ENSMUSG00000033918	68.62282957	88.34338996	88.97503202	140.9550926	114.5911338
ENSMUSG00000033933	36.08004441	59.12746572	60.02283906	62.02024075	58.72795608
ENSMUSG00000033943	41.73965922	54.95376226	42.36906287	66.85298678	74.48423698
ENSMUSG00000033949	6.367066661	5.56493795	9.886114669	10.47094974	3.580972932
ENSMUSG00000033952	21.22355554	30.60715873	32.4829482	48.32746033	40.10689684
ENSMUSG00000033953	80.64951104	117.5593142	83.32582364	143.3714656	118.1721067
ENSMUSG00000033955	11.31922962	13.91234488	14.12302096	16.10915344	14.32389173
ENSMUSG00000033961	6.367066661	8.347406925	7.767661525	12.08186508	20.05344842
ENSMUSG00000033963	14.85648888	7.651789682	7.061510478	7.249119049	5.729556691
ENSMUSG00000033964	35.37259256	66.08363816	58.61053696	59.60386773	48.70123187
ENSMUSG00000033965	5.65961481	4.869320706	4.236906287	3.221830688	3.580972932
ENSMUSG00000033970	22.63845924	27.12907251	31.0706461	31.41284921	31.5125618
ENSMUSG00000033981	6.367066661	6.260555194	4.236906287	6.443661377	6.445751277
ENSMUSG00000033983	44.56946663	36.86771392	32.4829482	32.21830688	33.66114556
ENSMUSG00000033985	26.1757185	34.78086219	36.01370344	25.77464551	23.63442135
ENSMUSG00000033987	12.02668147	7.651789682	8.473812573	7.249119049	7.161945863
ENSMUSG00000034000	7.781970364	6.956172438	9.886114669	7.249119049	6.445751277
ENSMUSG00000034006	12.73413332	12.52111039	9.179963621	7.249119049	7.87814045

ENSMUSG00000034007	9.904325918	21.56413456	16.94762515	3.221830688	7.161945863
ENSMUSG00000034009	8.489422215	6.956172438	3.530755239	5.638203705	5.729556691
ENSMUSG00000034021	67.20792587	75.12666233	79.08891735	105.514955	95.25387998
ENSMUSG00000034023	105.4103258	163.4700523	136.2871522	126.4568545	131.0636093
ENSMUSG00000034028	11.31922962	14.60796212	5.649208382	5.638203705	8.594335036
ENSMUSG00000034032	33.95768886	35.47647943	31.0706461	38.66196826	27.21539428
ENSMUSG00000034035	14.85648888	20.86851731	22.59683353	23.35827249	18.62105924
ENSMUSG00000034037	4.952162959	4.869320706	2.118453143	4.832746033	8.594335036
ENSMUSG00000034040	7.781970364	2.782468975	4.943057334	1.610915344	5.729556691
ENSMUSG00000034042	118.1444592	159.9919661	140.5240585	151.4260424	131.0636093
ENSMUSG00000034055	9.904325918	13.21672763	14.12302096	10.47094974	8.594335036
ENSMUSG00000034059	7.781970364	11.1298759	7.767661525	6.443661377	7.87814045
ENSMUSG00000034064	15.56394073	27.12907251	23.30298458	34.6346799	37.95831308
ENSMUSG00000034066	11.31922962	14.60796212	9.886114669	8.054576721	10.7429188
ENSMUSG00000034071	7.074518513	12.52111039	12.00456781	7.249119049	14.32389173
ENSMUSG00000034075	48.10672589	62.60555194	52.25517753	128.0677699	120.3206905
ENSMUSG00000034083	53.7663407	70.25734162	64.25974535	70.88027514	68.75468029
ENSMUSG00000034087	7.781970364	7.651789682	7.061510478	11.27640741	4.297167518
ENSMUSG00000034088	70.03773327	101.5601176	79.7950684	211.0299101	150.4008631
ENSMUSG00000034098	10.61177777	7.651789682	6.35535943	4.832746033	4.297167518
ENSMUSG00000034101	10.61177777	6.956172438	5.649208382	9.665492065	9.310529622
ENSMUSG00000034107	10.61177777	9.043024169	7.767661525	8.054576721	12.17530797
ENSMUSG00000034109	12.02668147	15.30357936	15.53532305	16.91461111	16.47247549
ENSMUSG00000034115	7.781970364	6.956172438	4.943057334	4.832746033	3.580972932
ENSMUSG00000034116	115.3146518	122.4286349	132.0502459	197.3371297	143.9551119
ENSMUSG00000034118	5.65961481	6.956172438	8.473812573	8.860034393	10.02672421
ENSMUSG00000034120	57.30359995	77.9091313	64.96589639	255.3300821	208.4126246
ENSMUSG00000034121	4.952162959	8.347406925	5.649208382	4.832746033	10.02672421
ENSMUSG00000034127	5.65961481	7.651789682	4.943057334	10.47094974	6.445751277
ENSMUSG00000034135	32.54278516	45.91073809	48.01827125	64.43661377	61.59273443
ENSMUSG00000034145	10.61177777	5.56493795	12.00456781	10.47094974	8.594335036
ENSMUSG00000034151	9.196874066	4.173703463	8.473812573	4.02728836	5.013362104
ENSMUSG00000034154	41.73965922	65.38802092	57.19823487	158.6751614	126.0502472
ENSMUSG00000034156	26.88317035	38.95456565	46.60596915	37.85651059	30.08017263
ENSMUSG00000034157	36.08004441	46.60635533	38.13215658	103.9040397	72.33565322
ENSMUSG00000034159	8.489422215	6.260555194	3.530755239	8.054576721	6.445751277
ENSMUSG00000034160	99.04325918	123.1242521	91.79963621	167.5351958	124.617858
ENSMUSG00000034163	67.91537772	148.1664729	115.1026208	202.9753334	189.7915654
ENSMUSG00000034164	7.781970364	8.347406925	12.71071886	8.860034393	7.161945863
ENSMUSG00000034165	178.9853184	166.9481385	159.5901368	92.62763229	82.36237743
ENSMUSG00000034171	16.27139258	12.52111039	14.12302096	11.27640741	17.18867007
ENSMUSG00000034173	7.074518513	5.56493795	9.179963621	10.47094974	7.161945863
ENSMUSG00000034175	216.4802665	221.2062835	213.2576164	414.0052435	297.9369479

ENSMUSG00000034177	22.63845924	37.56333116	24.71528667	26.58010318	27.21539428
ENSMUSG00000034187	57.30359995	73.73542784	64.96589639	47.52200265	57.29556691
ENSMUSG00000034194	16.97884443	15.30357936	16.2414741	20.94189947	21.48583759
ENSMUSG00000034201	2.829807405	9.043024169	8.473812573	5.638203705	5.729556691
ENSMUSG00000034205	11.31922962	9.043024169	10.59226572	6.443661377	7.161945863
ENSMUSG00000034206	32.54278516	38.95456565	34.60140134	85.37851324	49.41742646
ENSMUSG00000034210	30.4204296	45.21512085	36.01370344	94.23854763	75.20043157
ENSMUSG00000034211	12.02668147	24.34660353	17.65377619	27.38556085	33.66114556
ENSMUSG00000034212	11.31922962	13.21672763	12.71071886	8.860034393	8.594335036
ENSMUSG00000034216	42.44711108	64.69240367	59.31668801	94.23854763	66.60609653
ENSMUSG00000034218	62.25576291	102.9513521	86.85657888	194.9207566	146.8198902
ENSMUSG00000034219	5.65961481	8.347406925	8.473812573	5.638203705	10.7429188
ENSMUSG00000034224	5.65961481	2.086851731	3.530755239	5.638203705	2.864778345
ENSMUSG00000034235	11.31922962	17.39043109	10.59226572	14.4982381	15.04008631
ENSMUSG00000034239	6.367066661	11.1298759	5.649208382	7.249119049	6.445751277
ENSMUSG00000034243	55.1812444	88.34338996	71.32125582	93.43308996	83.07857202
ENSMUSG00000034245	12.73413332	9.043024169	9.886114669	5.638203705	11.45911338
ENSMUSG00000034252	45.98437033	58.43184848	53.66747963	172.3679418	128.198831
ENSMUSG00000034254	21.93100739	33.3896277	28.24604191	36.24559524	22.20203218
ENSMUSG00000034255	9.196874066	20.86851731	17.65377619	11.27640741	7.161945863
ENSMUSG00000034263	30.4204296	39.6501829	40.95676077	70.07481747	55.14698315
ENSMUSG00000034269	140.7829184	182.9473351	147.585569	330.2376456	252.1004944
ENSMUSG00000034271	10.61177777	5.56493795	8.473812573	7.249119049	9.310529622
ENSMUSG00000034274	54.47379255	70.25734162	79.08891735	66.85298678	67.32229112
ENSMUSG00000034275	9.196874066	2.086851731	8.473812573	4.02728836	7.161945863
ENSMUSG00000034285	26.88317035	36.17209668	41.66291182	28.9964762	24.35061594
ENSMUSG00000034292	14.85648888	32.69401046	28.24604191	23.35827249	35.80972932
ENSMUSG00000034297	138.6605628	159.2963488	163.120892	306.0739154	239.9251864
ENSMUSG00000034300	50.93653329	89.73462445	67.79050059	52.35474869	68.0384857
ENSMUSG00000034308	8.489422215	10.43425866	12.00456781	8.054576721	12.17530797
ENSMUSG00000034312	9.196874066	13.21672763	14.12302096	11.27640741	11.45911338
ENSMUSG00000034317	113.1922962	141.2103005	137.6994543	121.6241085	111.7263555
ENSMUSG00000034320	16.27139258	29.91154148	16.2414741	13.69278043	20.769643
ENSMUSG00000034321	61.54831106	95.2995624	78.3827663	176.3952302	146.8198902
ENSMUSG00000034324	8.489422215	4.173703463	11.29841676	11.27640741	4.297167518
ENSMUSG00000034327	36.08004441	52.86691053	41.66291182	122.4295662	104.5644096
ENSMUSG00000034329	84.89422215	85.56092098	78.3827663	120.8186508	118.1721067
ENSMUSG00000034330	98.33580733	105.0382038	109.4534124	126.4568545	114.5911338
ENSMUSG00000034333	35.37259256	57.04061399	52.25517753	101.4876667	91.67290705
ENSMUSG00000034341	66.50047402	94.60394515	98.86114669	85.37851324	69.47087488
ENSMUSG00000034343	65.08557032	96.69079689	88.97503202	98.265836	85.94335036
ENSMUSG00000034345	30.4204296	50.08444155	48.01827125	60.40932541	62.30892901
ENSMUSG00000034349	72.16008883	89.73462445	64.96589639	273.0501508	202.6830679

ENSMUSG00000034353	15.56394073	20.17290007	10.59226572	11.27640741	8.594335036
ENSMUSG00000034354	102.5805184	140.5146832	112.9841676	170.7570265	133.9283876
ENSMUSG00000034359	9.904325918	5.56493795	7.767661525	5.638203705	4.297167518
ENSMUSG00000034361	10.61177777	6.956172438	7.767661525	5.638203705	5.013362104
ENSMUSG00000034377	19.80865184	25.04222078	36.71985448	28.9964762	32.22875639
ENSMUSG00000034382	5.65961481	10.43425866	6.35535943	8.054576721	7.161945863
ENSMUSG00000034384	3.537259256	7.651789682	5.649208382	6.443661377	2.864778345
ENSMUSG00000034387	9.196874066	5.56493795	8.473812573	4.832746033	9.310529622
ENSMUSG00000034390	111.7773925	140.5146832	122.8702823	174.7843148	132.4959985
ENSMUSG00000034394	7.074518513	7.651789682	5.649208382	4.832746033	5.013362104
ENSMUSG00000034401	9.196874066	14.60796212	12.71071886	20.94189947	19.33725383
ENSMUSG00000034403	6.367066661	6.260555194	5.649208382	16.91461111	4.297167518
ENSMUSG00000034412	50.93653329	85.56092098	79.08891735	60.40932541	60.87653984
ENSMUSG00000034413	14.85648888	11.1298759	12.71071886	7.249119049	7.87814045
ENSMUSG00000034422	75.69734809	124.5154866	88.97503202	280.2992699	194.8049275
ENSMUSG00000034427	9.196874066	8.347406925	8.473812573	2.416373016	7.161945863
ENSMUSG00000034429	21.93100739	38.25894841	31.0706461	38.66196826	33.66114556
ENSMUSG00000034430	31.83533331	45.91073809	38.13215658	47.52200265	50.13362104
ENSMUSG00000034432	36.08004441	51.47567604	38.13215658	71.68573282	68.75468029
ENSMUSG00000034438	0	0	0	0	0
ENSMUSG00000034442	18.39374813	25.73783802	26.12758877	40.2728836	41.53928601
ENSMUSG00000034456	7.781970364	5.56493795	8.473812573	8.860034393	7.161945863
ENSMUSG00000034457	4.952162959	3.478086219	4.943057334	2.416373016	3.580972932
ENSMUSG00000034471	14.85648888	14.60796212	23.30298458	28.19101852	22.91822676
ENSMUSG00000034472	4.952162959	3.478086219	7.767661525	10.47094974	7.161945863
ENSMUSG00000034473	10.61177777	18.08604834	12.00456781	11.27640741	11.45911338
ENSMUSG00000034480	7.781970364	5.56493795	12.71071886	17.72006879	19.33725383
ENSMUSG00000034485	7.781970364	7.651789682	2.824604191	4.832746033	9.310529622
ENSMUSG00000034488	7.074518513	7.651789682	6.35535943	4.832746033	7.161945863
ENSMUSG00000034493	11.31922962	11.82549314	6.35535943	16.10915344	7.87814045
ENSMUSG00000034518	18.39374813	22.95536904	21.89068248	47.52200265	44.40406435
ENSMUSG00000034520	5.65961481	6.956172438	7.061510478	7.249119049	7.87814045
ENSMUSG00000034522	27.5906222	36.86771392	42.36906287	15.30369577	27.93158887
ENSMUSG00000034528	9.196874066	9.738641413	13.41686991	5.638203705	4.297167518
ENSMUSG00000034533	11.31922962	4.869320706	4.236906287	6.443661377	10.02672421
ENSMUSG00000034543	87.72402956	130.0804246	112.2780166	148.2042117	140.3741389
ENSMUSG00000034544	4.244711108	6.260555194	6.35535943	7.249119049	7.87814045
ENSMUSG00000034551	7.074518513	6.260555194	7.061510478	2.416373016	3.580972932
ENSMUSG00000034555	3.537259256	4.869320706	6.35535943	1.610915344	1.432389173
ENSMUSG00000034557	5.65961481	6.260555194	7.767661525	6.443661377	5.013362104
ENSMUSG00000034563	31.83533331	53.56252777	43.07521391	14.4982381	21.48583759
ENSMUSG00000034566	80.64951104	89.73462445	84.73812573	130.4841429	121.7530797
ENSMUSG00000034570	5.65961481	6.260555194	6.35535943	4.02728836	7.87814045

ENSMUSG00000034573	10.61177777	6.260555194	9.886114669	14.4982381	7.87814045
ENSMUSG00000034574	12.02668147	6.956172438	9.886114669	5.638203705	5.729556691
ENSMUSG00000034575	41.03220737	66.7792554	48.01827125	111.1531587	120.3206905
ENSMUSG00000034579	7.781970364	2.782468975	7.767661525	1.610915344	7.87814045
ENSMUSG00000034586	4.952162959	7.651789682	7.767661525	4.832746033	7.161945863
ENSMUSG00000034593	44.56946663	68.17048989	64.96589639	70.07481747	55.86317773
ENSMUSG00000034595	36.08004441	46.60635533	48.7244223	124.0404815	95.25387998
ENSMUSG00000034601	45.27691848	66.08363816	65.67204744	140.9550926	111.7263555
ENSMUSG00000034602	92.67619252	159.2963488	121.4579802	103.9040397	104.5644096
ENSMUSG00000034610	29.71297775	49.38882431	38.13215658	113.5695318	93.82149081
ENSMUSG00000034613	0.707451851	0	2.118453143	0	0.716194586
ENSMUSG00000034614	9.904325918	18.08604834	19.77222934	7.249119049	15.04008631
ENSMUSG00000034616	10.61177777	30.60715873	23.30298458	8.054576721	20.05344842
ENSMUSG00000034620	8.489422215	11.82549314	16.2414741	12.88732275	11.45911338
ENSMUSG00000034621	139.3680147	169.0349902	154.6470795	147.398754	125.3340526
ENSMUSG00000034623	7.074518513	4.869320706	9.179963621	8.860034393	10.02672421
ENSMUSG00000034645	7.781970364	4.869320706	5.649208382	2.416373016	12.17530797
ENSMUSG00000034647	38.20239997	53.56252777	51.54902649	82.15668255	80.92998826
ENSMUSG00000034652	7.074518513	4.869320706	2.118453143	8.054576721	8.594335036
ENSMUSG00000034653	25.46826665	24.34660353	30.36449505	41.07834128	24.35061594
ENSMUSG00000034656	4.244711108	5.56493795	5.649208382	7.249119049	5.729556691
ENSMUSG00000034659	11.31922962	20.17290007	19.77222934	28.19101852	21.48583759
ENSMUSG00000034663	125.9264295	147.4708557	128.5194907	258.5519127	205.5478463
ENSMUSG00000034664	12.73413332	7.651789682	10.59226572	5.638203705	7.87814045
ENSMUSG00000034673	7.781970364	13.91234488	13.41686991	14.4982381	10.7429188
ENSMUSG00000034674	94.09109622	116.1680797	108.7472614	137.7332619	125.3340526
ENSMUSG00000034675	3.537259256	7.651789682	9.179963621	7.249119049	8.594335036
ENSMUSG00000034681	140.0754665	151.6445591	139.8179075	324.5994419	249.9519106
ENSMUSG00000034683	2.829807405	5.56493795	2.824604191	6.443661377	5.729556691
ENSMUSG00000034684	11.31922962	4.173703463	7.767661525	12.88732275	5.013362104
ENSMUSG00000034690	10.61177777	9.738641413	12.71071886	7.249119049	8.594335036
ENSMUSG00000034706	4.952162959	4.869320706	2.824604191	7.249119049	8.594335036
ENSMUSG00000034708	10.61177777	15.99919661	17.65377619	37.85651059	32.94495097
ENSMUSG00000034723	9.904325918	20.17290007	9.886114669	12.08186508	12.89150255
ENSMUSG00000034724	8.489422215	15.99919661	16.2414741	31.41284921	30.79636721
ENSMUSG00000034729	22.63845924	21.56413456	28.24604191	47.52200265	43.68786977
ENSMUSG00000034730	4.244711108	5.56493795	5.649208382	3.221830688	4.297167518
ENSMUSG00000034739	13.44158517	18.78166558	9.886114669	15.30369577	22.20203218
ENSMUSG00000034744	11.31922962	10.43425866	11.29841676	12.08186508	11.45911338
ENSMUSG00000034748	8.489422215	15.30357936	16.2414741	23.35827249	20.769643
ENSMUSG00000034751	10.61177777	7.651789682	10.59226572	2.416373016	2.148583759
ENSMUSG00000034755	1.414903703	3.478086219	4.236906287	3.221830688	2.864778345
ENSMUSG00000034757	21.93100739	36.17209668	26.83373982	31.41284921	42.25548059

ENSMUSG00000034758	4.244711108	11.82549314	1.412302096	8.860034393	6.445751277
ENSMUSG00000034761	44.56946663	82.77845201	58.61053696	36.24559524	44.40406435
ENSMUSG00000034771	3.537259256	6.956172438	9.886114669	2.416373016	7.161945863
ENSMUSG00000034773	12.73413332	18.78166558	10.59226572	49.132918	30.79636721
ENSMUSG00000034785	14.14903703	7.651789682	7.061510478	4.832746033	8.594335036
ENSMUSG00000034786	54.47379255	70.25734162	55.07978173	29.80193387	22.20203218
ENSMUSG00000034793	21.22355554	29.21592424	15.53532305	38.66196826	33.66114556
ENSMUSG00000034795	8.489422215	9.043024169	7.061510478	7.249119049	7.87814045
ENSMUSG00000034796	7.074518513	8.347406925	12.00456781	8.860034393	10.02672421
ENSMUSG00000034799	5.65961481	10.43425866	8.473812573	9.665492065	7.161945863
ENSMUSG00000034800	31.12788146	50.08444155	48.7244223	58.79841006	53.71459398
ENSMUSG00000034801	30.4204296	52.17129328	53.66747963	49.132918	54.43078856
ENSMUSG00000034813	8.489422215	6.260555194	8.473812573	4.832746033	5.729556691
ENSMUSG00000034818	11.31922962	7.651789682	9.179963621	8.054576721	10.7429188
ENSMUSG00000034825	3.537259256	13.91234488	5.649208382	7.249119049	8.594335036
ENSMUSG00000034826	68.62282957	104.3425866	89.68118307	128.0677699	123.1854689
ENSMUSG00000034832	7.074518513	11.82549314	9.179963621	7.249119049	7.87814045
ENSMUSG00000034833	70.03773327	94.60394515	86.15042783	62.82569842	63.0251236
ENSMUSG00000034837	4.952162959	9.043024169	6.35535943	8.860034393	3.580972932
ENSMUSG00000034842	10.61177777	7.651789682	9.179963621	7.249119049	7.161945863
ENSMUSG00000034848	7.781970364	14.60796212	16.2414741	11.27640741	10.7429188
ENSMUSG00000034850	96.92090362	134.254128	133.462548	108.7367857	96.68626916
ENSMUSG00000034853	12.02668147	7.651789682	8.473812573	12.88732275	10.7429188
ENSMUSG00000034855	6.367066661	4.869320706	8.473812573	7.249119049	6.445751277
ENSMUSG00000034858	21.93100739	43.82388636	41.66291182	41.07834128	27.93158887
ENSMUSG00000034867	27.5906222	48.69320706	45.19366706	27.38556085	38.67450766
ENSMUSG00000034891	9.904325918	4.173703463	6.35535943	6.443661377	6.445751277
ENSMUSG00000034898	7.781970364	3.478086219	4.236906287	5.638203705	9.310529622
ENSMUSG00000034902	158.4692147	159.9919661	156.0593816	274.6610662	214.1421813
ENSMUSG00000034903	26.1757185	33.3896277	44.48751601	32.21830688	35.80972932
ENSMUSG00000034906	70.74518513	82.77845201	68.49665163	99.87675134	80.92998826
ENSMUSG00000034908	67.91537772	93.90832791	84.73812573	70.88027514	78.7814045
ENSMUSG00000034912	9.904325918	6.956172438	4.943057334	4.832746033	5.013362104
ENSMUSG00000034928	63.67066661	70.25734162	72.02740687	124.0404815	95.25387998
ENSMUSG00000034930	7.781970364	1.391234488	5.649208382	6.443661377	7.87814045
ENSMUSG00000034931	38.90985182	75.82227957	43.78136496	104.7094974	74.48423698
ENSMUSG00000034940	34.66514071	54.95376226	43.78136496	33.82922223	37.95831308
ENSMUSG00000034947	6.367066661	6.260555194	11.29841676	8.860034393	10.02672421
ENSMUSG00000034949	5.65961481	6.260555194	8.473812573	6.443661377	10.02672421
ENSMUSG00000034951	26.1757185	38.25894841	22.59683353	23.35827249	25.06681052
ENSMUSG00000034957	4.952162959	3.478086219	7.061510478	7.249119049	5.729556691
ENSMUSG00000034958	7.781970364	9.043024169	8.473812573	5.638203705	9.310529622
ENSMUSG00000034973	38.20239997	64.69240367	56.49208382	45.91108731	53.71459398

ENSMUSG00000034974	38.20239997	61.9099347	57.19823487	72.49119049	72.33565322
ENSMUSG00000034990	7.781970364	6.260555194	7.061510478	4.02728836	7.161945863
ENSMUSG00000034994	27.5906222	28.52030699	17.65377619	41.07834128	35.80972932
ENSMUSG00000034998	11.31922962	19.47728283	16.2414741	71.68573282	55.14698315
ENSMUSG00000035011	14.14903703	24.34660353	36.71985448	31.41284921	32.94495097
ENSMUSG00000035020	4.244711108	5.56493795	4.943057334	1.610915344	7.161945863
ENSMUSG00000035021	10.61177777	13.91234488	13.41686991	9.665492065	12.17530797
ENSMUSG00000035024	46.69182218	51.47567604	45.8998181	46.71654498	32.94495097
ENSMUSG00000035027	77.11225179	79.30036579	93.21193831	140.1496349	106.7129934
ENSMUSG00000035031	10.61177777	8.347406925	10.59226572	4.02728836	3.580972932
ENSMUSG00000035032	24.05336294	37.56333116	36.01370344	52.35474869	50.13362104
ENSMUSG00000035033	8.489422215	6.956172438	6.35535943	6.443661377	6.445751277
ENSMUSG00000035045	3.537259256	6.260555194	6.35535943	0.805457672	5.013362104
ENSMUSG00000035048	40.32475552	61.21431745	43.78136496	67.65844446	58.72795608
ENSMUSG00000035051	38.90985182	63.30116918	64.25974535	106.3204127	90.24051788
ENSMUSG00000035062	4.244711108	15.30357936	7.767661525	3.221830688	8.594335036
ENSMUSG00000035064	7.781970364	9.043024169	10.59226572	10.47094974	12.17530797
ENSMUSG00000035086	48.10672589	84.1696865	63.5535943	126.4568545	94.5376854
ENSMUSG00000035093	41.73965922	83.47406925	79.7950684	76.51847885	83.7947666
ENSMUSG00000035095	24.76081479	57.73623123	45.19366706	41.88379895	33.66114556
ENSMUSG00000035104	8.489422215	3.478086219	6.35535943	4.832746033	7.161945863
ENSMUSG00000035107	5.65961481	7.651789682	5.649208382	4.02728836	10.02672421
ENSMUSG00000035109	7.074518513	5.56493795	4.943057334	2.416373016	7.87814045
ENSMUSG00000035112	7.074518513	10.43425866	9.179963621	7.249119049	12.89150255
ENSMUSG00000035125	11.31922962	25.73783802	32.4829482	33.02376456	22.20203218
ENSMUSG00000035126	38.20239997	69.56172438	77.67661525	62.82569842	63.74131818
ENSMUSG00000035131	6.367066661	2.782468975	10.59226572	5.638203705	7.161945863
ENSMUSG00000035139	48.10672589	75.82227957	70.61510478	128.8732275	97.40246374
ENSMUSG00000035142	8.489422215	10.43425866	4.943057334	5.638203705	7.87814045
ENSMUSG00000035150	24.05336294	51.47567604	48.01827125	127.2623122	85.94335036
ENSMUSG00000035151	9.196874066	20.17290007	16.2414741	12.88732275	17.18867007
ENSMUSG00000035152	17.68629628	31.99839321	20.47838039	39.46742593	36.5259239
ENSMUSG00000035158	5.65961481	7.651789682	4.236906287	3.221830688	9.310529622
ENSMUSG00000035165	6.367066661	6.956172438	5.649208382	8.860034393	7.87814045
ENSMUSG00000035168	7.074518513	8.347406925	9.886114669	7.249119049	11.45911338
ENSMUSG00000035172	4.244711108	6.956172438	9.179963621	8.054576721	11.45911338
ENSMUSG00000035173	65.08557032	89.73462445	76.26431316	45.10562964	55.86317773
ENSMUSG00000035183	7.074518513	5.56493795	7.061510478	5.638203705	5.729556691
ENSMUSG00000035184	4.952162959	6.956172438	4.236906287	4.02728836	8.594335036
ENSMUSG00000035187	5.65961481	9.043024169	5.649208382	4.02728836	5.013362104
ENSMUSG00000035189	10.61177777	8.347406925	8.473812573	5.638203705	6.445751277
ENSMUSG00000035191	12.73413332	10.43425866	2.824604191	7.249119049	6.445751277
ENSMUSG00000035201	8.489422215	7.651789682	10.59226572	8.860034393	7.161945863

ENSMUSG00000035203	95.50599992	120.3417832	108.0411103	189.2825529	143.2389173
ENSMUSG00000035206	55.88869625	84.1696865	79.7950684	116.7913625	95.25387998
ENSMUSG00000035208	60.84085921	73.73542784	77.67661525	81.35122488	53.71459398
ENSMUSG00000035212	16.97884443	44.5195036	28.95219296	25.77464551	31.5125618
ENSMUSG00000035228	9.904325918	4.173703463	11.29841676	7.249119049	8.594335036
ENSMUSG00000035234	29.71297775	38.95456565	33.89525029	56.38203705	42.97167518
ENSMUSG00000035235	9.196874066	11.82549314	7.767661525	4.02728836	9.310529622
ENSMUSG00000035236	31.83533331	43.82388636	37.42600553	41.07834128	42.25548059
ENSMUSG00000035242	14.85648888	27.82468975	24.00913562	14.4982381	18.62105924
ENSMUSG00000035245	11.31922962	19.47728283	15.53532305	12.08186508	14.32389173
ENSMUSG00000035246	5.65961481	2.086851731	3.530755239	1.610915344	1.432389173
ENSMUSG00000035247	63.67066661	121.7330177	74.14586002	198.1425873	155.4142252
ENSMUSG00000035258	14.14903703	9.043024169	11.29841676	6.443661377	11.45911338
ENSMUSG00000035266	25.46826665	42.43265187	29.65834401	83.7675979	68.0384857
ENSMUSG00000035268	132.2934962	155.8182626	139.8179075	224.7226905	163.2923657
ENSMUSG00000035270	16.97884443	13.21672763	10.59226572	4.832746033	8.594335036
ENSMUSG00000035273	16.97884443	30.60715873	18.35992724	15.30369577	21.48583759
ENSMUSG00000035274	4.952162959	4.869320706	8.473812573	5.638203705	3.580972932
ENSMUSG00000035275	7.074518513	6.956172438	9.886114669	6.443661377	7.87814045
ENSMUSG00000035277	0.707451851	2.086851731	2.824604191	2.416373016	2.864778345
ENSMUSG00000035284	20.51610369	37.56333116	45.8998181	26.58010318	23.63442135
ENSMUSG00000035293	29.71297775	30.60715873	39.54445867	82.96214023	77.34901533
ENSMUSG00000035295	5.65961481	9.043024169	15.53532305	12.88732275	11.45911338
ENSMUSG00000035296	9.196874066	9.043024169	10.59226572	5.638203705	7.161945863
ENSMUSG00000035297	74.28244438	105.0382038	91.09348516	109.5422434	85.94335036
ENSMUSG00000035299	2.122355554	4.869320706	3.530755239	0.805457672	2.148583759
ENSMUSG00000035310	0.707451851	2.086851731	0	0	2.864778345
ENSMUSG00000035311	66.50047402	91.82147618	89.68118307	70.07481747	70.90326405
ENSMUSG00000035314	9.196874066	8.347406925	4.943057334	7.249119049	6.445751277
ENSMUSG00000035325	65.08557032	131.4716591	105.9226572	116.7913625	108.1453825
ENSMUSG00000035342	8.489422215	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000035349	4.244711108	11.1298759	6.35535943	4.832746033	5.729556691
ENSMUSG00000035351	24.76081479	25.73783802	23.30298458	84.57305557	59.44415067
ENSMUSG00000035355	4.244711108	6.260555194	4.236906287	5.638203705	6.445751277
ENSMUSG00000035356	21.22355554	38.25894841	36.01370344	58.79841006	60.87653984
ENSMUSG00000035357	7.074518513	9.738641413	3.530755239	8.860034393	5.013362104
ENSMUSG00000035365	26.1757185	34.08524495	28.95219296	71.68573282	58.01176149
ENSMUSG00000035378	11.31922962	13.91234488	12.00456781	22.55281482	15.04008631
ENSMUSG00000035390	4.952162959	6.956172438	2.824604191	7.249119049	5.729556691
ENSMUSG00000035392	24.76081479	39.6501829	34.60140134	41.88379895	48.70123187
ENSMUSG00000035394	14.14903703	13.21672763	8.473812573	8.860034393	16.47247549
ENSMUSG00000035395	4.244711108	2.086851731	4.236906287	1.610915344	2.864778345
ENSMUSG00000035399	14.85648888	22.95536904	33.89525029	19.33098413	17.18867007



ENSMUSG00000035403	9.904325918	6.956172438	7.061510478	9.665492065	7.87814045
ENSMUSG00000035427	5.65961481	2.782468975	2.824604191	2.416373016	1.432389173
ENSMUSG00000035429	10.61177777	6.956172438	8.473812573	9.665492065	5.013362104
ENSMUSG00000035435	19.80865184	31.99839321	46.60596915	25.77464551	27.93158887
ENSMUSG00000035437	84.89422215	132.8628936	115.1026208	141.7605503	108.8615771
ENSMUSG00000035439	77.81970364	105.0382038	106.6288082	135.3168889	86.65954495
ENSMUSG00000035441	11.31922962	9.738641413	1.412302096	4.02728836	8.594335036
ENSMUSG00000035443	12.02668147	16.69481385	7.767661525	12.08186508	14.32389173
ENSMUSG00000035455	23.34591109	38.95456565	35.30755239	99.87675134	81.64618284
ENSMUSG00000035458	7.074518513	3.478086219	5.649208382	6.443661377	4.297167518
ENSMUSG00000035459	9.904325918	8.347406925	4.943057334	5.638203705	4.297167518
ENSMUSG00000035469	21.22355554	39.6501829	30.36449505	36.24559524	37.95831308
ENSMUSG00000035472	5.65961481	5.56493795	6.35535943	4.832746033	2.864778345
ENSMUSG00000035473	4.952162959	9.043024169	5.649208382	4.02728836	5.729556691
ENSMUSG00000035478	36.08004441	43.82388636	39.54445867	88.60034393	74.48423698
ENSMUSG00000035486	2.122355554	4.869320706	7.061510478	9.665492065	8.594335036
ENSMUSG00000035493	9.904325918	4.173703463	5.649208382	4.832746033	5.729556691
ENSMUSG00000035495	127.3413332	179.4692489	144.7609648	217.4735715	161.1437819
ENSMUSG00000035498	10.61177777	9.738641413	6.35535943	4.02728836	3.580972932
ENSMUSG00000035504	5.65961481	4.869320706	9.179963621	8.054576721	5.013362104
ENSMUSG00000035505	13.44158517	30.60715873	34.60140134	82.96214023	60.87653984
ENSMUSG00000035506	6.367066661	6.260555194	5.649208382	8.054576721	7.87814045
ENSMUSG00000035509	14.14903703	8.347406925	9.179963621	2.416373016	4.297167518
ENSMUSG00000035513	0	0	0	0	0
ENSMUSG00000035517	11.31922962	9.043024169	12.00456781	8.860034393	9.310529622
ENSMUSG00000035521	39.61730367	70.95295887	60.72899011	93.43308996	83.07857202
ENSMUSG00000035529	32.54278516	47.99758982	44.48751601	62.02024075	68.75468029
ENSMUSG00000035530	26.1757185	29.21592424	40.25060972	164.3133651	117.4559122
ENSMUSG00000035539	10.61177777	12.52111039	7.061510478	2.416373016	5.013362104
ENSMUSG00000035540	8.489422215	7.651789682	5.649208382	3.221830688	4.297167518
ENSMUSG00000035545	106.1177777	149.5577074	124.2825844	211.8353678	163.2923657
ENSMUSG00000035547	14.85648888	20.17290007	24.71528667	7.249119049	12.17530797
ENSMUSG00000035569	263.1720887	317.2014632	269.7497002	288.3538466	207.69643
ENSMUSG00000035572	38.90985182	69.56172438	62.84744325	78.12939419	81.64618284
ENSMUSG00000035575	32.54278516	58.43184848	52.96132858	86.18397091	77.34901533
ENSMUSG00000035576	8.489422215	7.651789682	9.886114669	12.08186508	7.161945863
ENSMUSG00000035578	41.73965922	55.6493795	42.36906287	191.698926	145.387501
ENSMUSG00000035580	7.074518513	2.782468975	4.943057334	4.02728836	11.45911338
ENSMUSG00000035582	10.61177777	8.347406925	9.886114669	4.02728836	7.87814045
ENSMUSG00000035585	16.27139258	24.34660353	21.18453143	50.74383334	45.12025894
ENSMUSG00000035594	4.952162959	5.56493795	2.118453143	5.638203705	7.87814045
ENSMUSG00000035596	16.27139258	24.34660353	20.47838039	49.93837567	51.56601022
ENSMUSG00000035597	123.0966221	137.036597	122.1641313	181.2279762	135.3607768

ENSMUSG00000035614	92.67619252	182.9473351	121.4579802	174.7843148	166.157144
ENSMUSG00000035615	10.61177777	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG00000035620	69.33028142	94.60394515	85.44427678	53.96566403	66.60609653
ENSMUSG00000035621	42.44711108	50.08444155	55.78593277	101.4876667	86.65954495
ENSMUSG00000035623	64.37811846	82.77845201	86.85657888	137.7332619	121.7530797
ENSMUSG00000035629	87.72402956	131.4716591	99.56729774	116.7913625	111.7263555
ENSMUSG00000035632	117.4370073	137.036597	127.1071886	260.9682858	186.2105924
ENSMUSG00000035637	43.86201478	58.43184848	68.49665163	57.99295239	59.44415067
ENSMUSG00000035638	6.367066661	5.56493795	7.767661525	8.054576721	8.594335036
ENSMUSG00000035640	16.27139258	16.69481385	24.71528667	33.82922223	31.5125618
ENSMUSG00000035642	29.71297775	51.47567604	56.49208382	102.2931244	88.09193412
ENSMUSG00000035649	79.94205919	126.6023384	91.79963621	116.7913625	108.1453825
ENSMUSG00000035653	6.367066661	11.1298759	6.35535943	4.832746033	4.297167518
ENSMUSG00000035666	70.03773327	127.2979556	103.098053	198.1425873	172.6028953
ENSMUSG00000035673	197.3790665	222.597518	213.2576164	179.6170609	155.4142252
ENSMUSG00000035674	21.22355554	37.56333116	28.24604191	54.7711217	37.24211849
ENSMUSG00000035683	16.97884443	15.30357936	12.71071886	24.16373016	21.48583759
ENSMUSG00000035694	7.781970364	5.56493795	5.649208382	6.443661377	4.297167518
ENSMUSG00000035696	24.76081479	36.86771392	33.89525029	39.46742593	44.40406435
ENSMUSG00000035697	92.67619252	109.9075245	107.3349593	127.2623122	105.9967988
ENSMUSG00000035704	16.97884443	27.82468975	20.47838039	53.96566403	49.41742646
ENSMUSG00000035713	16.27139258	28.52030699	15.53532305	12.08186508	14.32389173
ENSMUSG00000035722	20.51610369	43.82388636	37.42600553	27.38556085	40.82309142
ENSMUSG00000035725	29.71297775	41.73703463	39.54445867	20.1364418	27.21539428
ENSMUSG00000035735	7.781970364	7.651789682	7.061510478	1.610915344	7.87814045
ENSMUSG00000035757	19.80865184	35.47647943	36.71985448	32.21830688	40.82309142
ENSMUSG00000035762	58.0110518	86.25653823	63.5535943	79.74030954	73.05184781
ENSMUSG00000035772	16.27139258	26.43345526	26.12758877	47.52200265	43.68786977
ENSMUSG00000035776	6.367066661	11.82549314	7.061510478	9.665492065	10.02672421
ENSMUSG00000035778	137.2456591	161.3832006	142.6425116	149.0096693	141.8065281
ENSMUSG00000035781	66.50047402	94.60394515	89.68118307	50.74383334	62.30892901
ENSMUSG00000035790	38.90985182	56.34499675	67.79050059	53.96566403	52.99839939
ENSMUSG00000035798	54.47379255	88.34338996	69.90895373	70.88027514	50.13362104
ENSMUSG00000035805	7.781970364	4.869320706	8.473812573	4.832746033	11.45911338
ENSMUSG00000035811	8.489422215	6.956172438	11.29841676	6.443661377	3.580972932
ENSMUSG00000035818	4.952162959	7.651789682	8.473812573	4.832746033	9.310529622
ENSMUSG00000035828	13.44158517	17.39043109	28.24604191	66.85298678	46.55264811
ENSMUSG00000035829	7.781970364	6.260555194	7.061510478	8.860034393	6.445751277
ENSMUSG00000035834	20.51610369	38.25894841	36.01370344	55.57657937	49.41742646
ENSMUSG00000035835	8.489422215	11.82549314	10.59226572	8.054576721	12.89150255
ENSMUSG00000035842	13.44158517	25.73783802	26.83373982	32.21830688	48.70123187
ENSMUSG00000035845	24.76081479	38.95456565	39.54445867	98.265836	95.97007457
ENSMUSG00000035847	7.074518513	9.738641413	14.12302096	6.443661377	10.7429188

ENSMUSG00000035849	10.61177777	13.21672763	13.41686991	12.88732275	9.310529622
ENSMUSG00000035851	59.42595551	88.34338996	92.50578726	194.9207566	166.157144
ENSMUSG00000035852	9.196874066	2.782468975	5.649208382	5.638203705	3.580972932
ENSMUSG00000035863	9.196874066	9.738641413	15.53532305	7.249119049	15.04008631
ENSMUSG00000035864	12.73413332	8.347406925	7.061510478	3.221830688	4.297167518
ENSMUSG00000035875	12.73413332	4.173703463	8.473812573	9.665492065	9.310529622
ENSMUSG00000035877	9.196874066	9.043024169	7.767661525	10.47094974	7.87814045
ENSMUSG00000035878	7.074518513	4.869320706	8.473812573	6.443661377	7.87814045
ENSMUSG00000035891	240.5336294	231.6405422	256.3328303	116.7913625	113.1587446
ENSMUSG00000035898	19.10119998	37.56333116	31.0706461	46.71654498	42.25548059
ENSMUSG00000035900	44.56946663	59.82308296	52.25517753	66.04752911	60.16034525
ENSMUSG00000035901	31.12788146	71.64857611	49.43057334	47.52200265	48.70123187
ENSMUSG00000035910	7.781970364	4.173703463	4.236906287	5.638203705	3.580972932
ENSMUSG00000035914	7.781970364	6.956172438	7.061510478	9.665492065	9.310529622
ENSMUSG00000035919	14.85648888	11.1298759	8.473812573	7.249119049	9.310529622
ENSMUSG00000035929	55.1812444	81.38721752	80.50121945	190.0880106	133.9283876
ENSMUSG00000035934	7.074518513	5.56493795	4.236906287	3.221830688	2.864778345
ENSMUSG00000035941	68.62282957	85.56092098	67.79050059	114.3749894	85.22715578
ENSMUSG00000035944	11.31922962	23.65098629	20.47838039	10.47094974	20.05344842
ENSMUSG00000035948	7.074518513	9.738641413	7.061510478	4.02728836	10.02672421
ENSMUSG00000035949	61.54831106	98.08203137	81.20737049	107.1258704	98.83485292
ENSMUSG00000035953	19.80865184	29.91154148	24.00913562	97.46037832	68.0384857
ENSMUSG00000035954	30.4204296	59.12746572	48.01827125	32.21830688	23.63442135
ENSMUSG00000035960	36.78749627	59.82308296	62.1412922	144.1769233	115.3073284
ENSMUSG00000035967	7.074518513	9.043024169	9.179963621	16.10915344	7.87814045
ENSMUSG00000035969	7.781970364	4.173703463	7.061510478	7.249119049	5.729556691
ENSMUSG00000035983	60.84085921	94.60394515	99.56729774	214.2517408	204.8316517
ENSMUSG00000035984	7.781970364	6.956172438	7.061510478	11.27640741	8.594335036
ENSMUSG00000035992	67.91537772	95.2995624	91.79963621	126.4568545	101.6996313
ENSMUSG00000036002	4.952162959	9.043024169	11.29841676	6.443661377	9.310529622
ENSMUSG00000036006	45.27691848	66.08363816	59.31668801	35.44013757	39.39070225
ENSMUSG00000036009	43.86201478	66.7792554	69.90895373	80.54576721	74.48423698
ENSMUSG00000036013	2.122355554	0.695617244	2.824604191	3.221830688	1.432389173
ENSMUSG00000036022	8.489422215	8.347406925	8.473812573	8.054576721	11.45911338
ENSMUSG00000036026	37.49494812	71.64857611	53.66747963	81.35122488	73.76804239
ENSMUSG00000036027	7.781970364	7.651789682	10.59226572	4.832746033	5.013362104
ENSMUSG00000036036	7.074518513	6.956172438	6.35535943	8.054576721	3.580972932
ENSMUSG00000036040	5.65961481	5.56493795	7.061510478	7.249119049	3.580972932
ENSMUSG00000036046	42.44711108	49.38882431	53.66747963	30.60739154	46.55264811
ENSMUSG00000036052	13.44158517	13.21672763	14.12302096	10.47094974	11.45911338
ENSMUSG00000036053	7.781970364	4.173703463	7.061510478	16.10915344	6.445751277
ENSMUSG00000036054	41.73965922	50.08444155	56.49208382	82.15668255	73.76804239
ENSMUSG00000036057	26.1757185	44.5195036	48.01827125	107.1258704	90.24051788

ENSMUSG00000036062	9.196874066	4.869320706	5.649208382	8.054576721	4.297167518
ENSMUSG00000036067	14.14903703	24.34660353	20.47838039	277.0774392	186.926787
ENSMUSG00000036073	9.904325918	8.347406925	9.179963621	8.860034393	9.310529622
ENSMUSG00000036078	16.27139258	11.1298759	6.35535943	33.82922223	24.35061594
ENSMUSG00000036083	7.074518513	8.347406925	8.473812573	5.638203705	3.580972932
ENSMUSG00000036086	62.96321476	90.43024169	84.73812573	126.4568545	88.09193412
ENSMUSG00000036087	57.30359995	93.21271067	93.21193831	104.7094974	94.5376854
ENSMUSG00000036095	12.73413332	15.99919661	6.35535943	0.805457672	7.161945863
ENSMUSG00000036098	4.952162959	8.347406925	5.649208382	5.638203705	6.445751277
ENSMUSG00000036099	54.47379255	64.69240367	57.19823487	54.7711217	48.70123187
ENSMUSG00000036104	46.69182218	75.12666233	69.90895373	74.9075635	68.75468029
ENSMUSG00000036106	4.952162959	5.56493795	6.35535943	8.054576721	7.87814045
ENSMUSG00000036109	7.781970364	7.651789682	8.473812573	10.47094974	8.594335036
ENSMUSG00000036110	4.952162959	7.651789682	4.236906287	8.054576721	6.445751277
ENSMUSG00000036112	82.7718666	96.69079689	96.0365425	108.7367857	86.65954495
ENSMUSG00000036120	53.05888884	86.95215547	76.97046421	86.98942859	79.49759908
ENSMUSG00000036138	35.37259256	44.5195036	33.18909925	62.02024075	58.01176149
ENSMUSG00000036151	4.952162959	5.56493795	7.061510478	4.832746033	4.297167518
ENSMUSG00000036155	31.12788146	42.43265187	41.66291182	65.24207144	66.60609653
ENSMUSG00000036158	9.904325918	5.56493795	3.530755239	4.02728836	8.594335036
ENSMUSG00000036160	70.03773327	98.77764862	78.3827663	238.4154709	189.0753708
ENSMUSG00000036167	79.23460734	148.1664729	129.9317928	236.8045556	224.1689055
ENSMUSG00000036168	5.65961481	11.1298759	8.473812573	2.416373016	4.297167518
ENSMUSG00000036172	5.65961481	6.956172438	11.29841676	3.221830688	2.148583759
ENSMUSG00000036180	49.52162959	64.69240367	89.68118307	83.7675979	82.36237743
ENSMUSG00000036192	8.489422215	9.738641413	10.59226572	6.443661377	7.87814045
ENSMUSG00000036196	19.80865184	18.78166558	21.89068248	27.38556085	25.06681052
ENSMUSG00000036197	90.55383696	142.601535	125.6948865	104.7094974	98.83485292
ENSMUSG00000036198	1.414903703	4.173703463	2.824604191	1.610915344	4.297167518
ENSMUSG00000036202	14.85648888	29.91154148	22.59683353	78.12939419	82.36237743
ENSMUSG00000036206	0.707451851	4.869320706	8.473812573	6.443661377	7.161945863
ENSMUSG00000036208	31.83533331	67.47487265	60.02283906	91.82217462	65.88990194
ENSMUSG00000036214	16.97884443	17.39043109	20.47838039	26.58010318	42.25548059
ENSMUSG00000036218	5.65961481	6.956172438	5.649208382	4.02728836	6.445751277
ENSMUSG00000036223	13.44158517	20.86851731	11.29841676	28.9964762	27.21539428
ENSMUSG00000036225	9.904325918	4.173703463	7.061510478	6.443661377	6.445751277
ENSMUSG00000036242	4.952162959	6.260555194	9.179963621	5.638203705	8.594335036
ENSMUSG00000036246	65.08557032	91.82147618	79.08891735	80.54576721	64.45751277
ENSMUSG00000036249	20.51610369	25.04222078	28.95219296	36.24559524	41.53928601
ENSMUSG00000036251	53.7663407	40.34580014	45.19366706	23.35827249	47.98503729
ENSMUSG00000036256	12.73413332	6.956172438	12.00456781	9.665492065	8.594335036
ENSMUSG00000036257	4.244711108	5.56493795	5.649208382	4.02728836	7.87814045
ENSMUSG00000036270	79.94205919	123.8198694	108.7472614	119.2077355	120.3206905

ENSMUSG00000036273	51.64398514	80.69160028	55.07978173	40.2728836	30.79636721
ENSMUSG00000036275	43.86201478	59.82308296	49.43057334	76.51847885	66.60609653
ENSMUSG00000036281	32.54278516	42.43265187	40.95676077	97.46037832	77.34901533
ENSMUSG00000036282	50.93653329	67.47487265	60.02283906	95.04400531	74.48423698
ENSMUSG00000036285	101.8730666	127.2979556	107.3349593	221.5008598	171.1705061
ENSMUSG00000036292	7.074518513	4.173703463	8.473812573	2.416373016	10.02672421
ENSMUSG00000036298	6.367066661	2.782468975	8.473812573	5.638203705	5.729556691
ENSMUSG00000036304	6.367066661	5.56493795	11.29841676	8.054576721	12.17530797
ENSMUSG00000036306	9.904325918	7.651789682	7.767661525	8.860034393	4.297167518
ENSMUSG00000036309	6.367066661	4.173703463	10.59226572	6.443661377	6.445751277
ENSMUSG00000036315	14.14903703	22.2597518	18.35992724	41.07834128	40.10689684
ENSMUSG00000036323	48.81417774	70.25734162	64.25974535	107.1258704	95.97007457
ENSMUSG00000036327	8.489422215	12.52111039	15.53532305	23.35827249	25.78300511
ENSMUSG00000036330	53.05888884	92.51709342	81.91352154	103.9040397	90.24051788
ENSMUSG00000036333	46.69182218	101.5601176	72.02740687	66.04752911	65.17370736
ENSMUSG00000036334	12.02668147	8.347406925	7.061510478	3.221830688	8.594335036
ENSMUSG00000036339	19.80865184	32.69401046	25.42143772	41.07834128	30.08017263
ENSMUSG00000036352	30.4204296	52.86691053	36.01370344	44.30017197	53.71459398
ENSMUSG00000036353	7.781970364	5.56493795	7.061510478	10.47094974	7.87814045
ENSMUSG00000036356	7.074518513	6.956172438	9.179963621	6.443661377	7.161945863
ENSMUSG00000036372	50.22908144	70.25734162	67.79050059	161.8969921	127.4826364
ENSMUSG00000036377	5.65961481	6.956172438	6.35535943	7.249119049	7.161945863
ENSMUSG00000036381	5.65961481	6.956172438	7.061510478	7.249119049	7.161945863
ENSMUSG00000036391	28.29807405	52.86691053	37.42600553	90.21125927	83.07857202
ENSMUSG00000036395	4.244711108	4.869320706	5.649208382	7.249119049	7.161945863
ENSMUSG00000036398	14.14903703	40.34580014	35.30755239	75.71302118	70.90326405
ENSMUSG00000036402	9.196874066	9.738641413	16.2414741	27.38556085	27.21539428
ENSMUSG00000036403	14.85648888	16.69481385	21.18453143	23.35827249	34.37734014
ENSMUSG00000036411	9.904325918	11.1298759	6.35535943	10.47094974	11.45911338
ENSMUSG00000036422	11.31922962	7.651789682	9.179963621	4.832746033	2.864778345
ENSMUSG00000036435	41.73965922	63.30116918	49.43057334	59.60386773	51.56601022
ENSMUSG00000036438	104.702874	114.7768452	97.44884459	167.5351958	144.6713064
ENSMUSG00000036452	14.14903703	4.173703463	7.767661525	4.02728836	6.445751277
ENSMUSG00000036459	5.65961481	8.347406925	4.236906287	5.638203705	4.297167518
ENSMUSG00000036461	58.71850365	91.12585893	73.43970897	118.4022778	103.848215
ENSMUSG00000036466	5.65961481	6.260555194	6.35535943	1.610915344	7.87814045
ENSMUSG00000036469	10.61177777	6.956172438	8.473812573	2.416373016	4.297167518
ENSMUSG00000036473	5.65961481	9.738641413	5.649208382	10.47094974	10.02672421
ENSMUSG00000036492	6.367066661	7.651789682	7.061510478	3.221830688	5.729556691
ENSMUSG00000036502	1.414903703	3.478086219	2.118453143	2.416373016	2.864778345
ENSMUSG00000036503	38.90985182	57.04061399	60.72899011	50.74383334	41.53928601
ENSMUSG00000036510	13.44158517	9.738641413	2.824604191	7.249119049	4.297167518
ENSMUSG00000036513	29.71297775	45.21512085	42.36906287	46.71654498	50.13362104

ENSMUSG00000036523	6.367066661	6.260555194	3.530755239	7.249119049	2.148583759
ENSMUSG00000036528	17.68629628	34.78086219	26.12758877	27.38556085	31.5125618
ENSMUSG00000036529	177.5704147	212.1632594	194.8976892	115.1804471	126.0502472
ENSMUSG00000036550	152.102148	154.4270281	153.9409284	286.7429313	223.4527109
ENSMUSG00000036552	13.44158517	31.30277597	23.30298458	42.68925662	59.44415067
ENSMUSG00000036553	38.20239997	59.82308296	62.84744325	32.21830688	40.82309142
ENSMUSG00000036555	16.27139258	19.47728283	23.30298458	17.72006879	23.63442135
ENSMUSG00000036560	12.02668147	5.56493795	7.767661525	7.249119049	5.013362104
ENSMUSG00000036564	8.489422215	4.173703463	7.061510478	9.665492065	10.02672421
ENSMUSG00000036570	7.781970364	5.56493795	5.649208382	5.638203705	3.580972932
ENSMUSG00000036572	9.196874066	25.73783802	16.94762515	26.58010318	27.93158887
ENSMUSG00000036580	24.05336294	38.95456565	27.53989086	36.24559524	22.91822676
ENSMUSG00000036585	6.367066661	3.478086219	7.767661525	9.665492065	7.161945863
ENSMUSG00000036587	7.074518513	1.391234488	10.59226572	5.638203705	3.580972932
ENSMUSG00000036591	9.196874066	22.2597518	22.59683353	36.24559524	32.94495097
ENSMUSG00000036594	185.352385	228.162456	189.9546318	365.6777831	275.0187212
ENSMUSG00000036599	48.10672589	52.86691053	59.31668801	73.29664816	78.06520991
ENSMUSG00000036602	3.537259256	1.391234488	1.412302096	3.221830688	2.148583759
ENSMUSG00000036606	16.27139258	11.82549314	11.29841676	20.94189947	7.87814045
ENSMUSG00000036617	9.196874066	6.260555194	12.71071886	1.610915344	4.297167518
ENSMUSG00000036620	60.84085921	100.8645003	83.32582364	140.1496349	100.2672421
ENSMUSG00000036622	49.52162959	72.34419335	71.32125582	67.65844446	48.70123187
ENSMUSG00000036634	5.65961481	10.43425866	4.943057334	14.4982381	10.02672421
ENSMUSG00000036639	21.22355554	45.21512085	36.71985448	35.44013757	28.64778345
ENSMUSG00000036644	21.93100739	38.95456565	42.36906287	37.85651059	30.79636721
ENSMUSG00000036646	29.0055259	54.25814501	50.13672439	82.15668255	74.48423698
ENSMUSG00000036661	48.10672589	66.08363816	45.19366706	37.85651059	42.97167518
ENSMUSG00000036667	10.61177777	6.260555194	8.473812573	5.638203705	10.02672421
ENSMUSG00000036676	7.781970364	9.738641413	7.767661525	10.47094974	5.013362104
ENSMUSG00000036686	27.5906222	37.56333116	43.78136496	28.9964762	37.24211849
ENSMUSG00000036687	7.074518513	6.260555194	9.179963621	12.88732275	7.87814045
ENSMUSG00000036693	27.5906222	59.12746572	37.42600553	178.8116032	106.7129934
ENSMUSG00000036698	113.1922962	131.4716591	131.3440949	210.2244524	166.157144
ENSMUSG00000036699	1.414903703	2.086851731	5.649208382	1.610915344	5.013362104
ENSMUSG00000036707	90.55383696	116.1680797	105.9226572	199.7535027	191.9401491
ENSMUSG00000036712	60.84085921	100.1688831	89.68118307	149.815127	99.5510475
ENSMUSG00000036718	3.537259256	4.173703463	7.061510478	11.27640741	2.148583759
ENSMUSG00000036721	7.781970364	9.738641413	7.061510478	6.443661377	12.89150255
ENSMUSG00000036733	35.37259256	78.60474855	53.66747963	69.2693598	62.30892901
ENSMUSG00000036737	57.30359995	70.25734162	65.67204744	95.84946298	76.63282074
ENSMUSG00000036744	9.904325918	12.52111039	12.00456781	7.249119049	5.013362104
ENSMUSG00000036745	9.196874066	4.869320706	3.530755239	7.249119049	5.729556691
ENSMUSG00000036748	9.904325918	26.43345526	20.47838039	20.94189947	24.35061594

ENSMUSG00000036749	8.489422215	5.56493795	9.179963621	11.27640741	7.87814045
ENSMUSG00000036764	8.489422215	7.651789682	9.886114669	4.02728836	8.594335036
ENSMUSG00000036766	7.074518513	6.956172438	5.649208382	3.221830688	8.594335036
ENSMUSG00000036769	37.49494812	54.25814501	41.66291182	67.65844446	48.70123187
ENSMUSG00000036770	5.65961481	8.347406925	8.473812573	8.860034393	9.310529622
ENSMUSG00000036775	12.73413332	7.651789682	6.35535943	14.4982381	14.32389173
ENSMUSG00000036779	34.66514071	52.17129328	54.37363068	80.54576721	71.61945863
ENSMUSG00000036781	38.90985182	50.08444155	45.19366706	91.01671695	75.20043157
ENSMUSG00000036782	0	0	0	0	0
ENSMUSG00000036792	105.4103258	162.0788178	135.5810012	205.3917064	176.9000628
ENSMUSG00000036805	10.61177777	6.260555194	7.061510478	5.638203705	7.161945863
ENSMUSG00000036810	38.90985182	63.30116918	55.07978173	68.46390213	63.0251236
ENSMUSG00000036813	10.61177777	7.651789682	6.35535943	4.02728836	7.161945863
ENSMUSG00000036814	12.02668147	9.738641413	7.767661525	6.443661377	2.864778345
ENSMUSG00000036815	5.65961481	8.347406925	11.29841676	6.443661377	5.729556691
ENSMUSG00000036817	93.38364437	120.3417832	110.1595635	62.82569842	83.07857202
ENSMUSG00000036819	23.34591109	29.21592424	32.4829482	37.05105292	39.39070225
ENSMUSG00000036820	31.83533331	39.6501829	50.13672439	26.58010318	42.97167518
ENSMUSG00000036825	10.61177777	11.1298759	7.767661525	6.443661377	12.89150255
ENSMUSG00000036826	9.904325918	9.043024169	13.41686991	8.860034393	7.161945863
ENSMUSG00000036833	29.71297775	41.73703463	45.8998181	52.35474869	50.13362104
ENSMUSG00000036834	4.952162959	5.56493795	4.943057334	8.054576721	5.013362104
ENSMUSG00000036845	26.88317035	35.47647943	50.84287544	50.74383334	52.99839939
ENSMUSG00000036854	12.73413332	13.21672763	15.53532305	16.10915344	18.62105924
ENSMUSG00000036860	29.0055259	53.56252777	49.43057334	64.43661377	55.14698315
ENSMUSG00000036862	11.31922962	9.043024169	4.943057334	8.054576721	2.148583759
ENSMUSG00000036863	7.781970364	7.651789682	4.943057334	8.860034393	5.729556691
ENSMUSG00000036864	10.61177777	15.99919661	19.06607829	16.91461111	12.89150255
ENSMUSG00000036872	9.196874066	6.956172438	4.236906287	5.638203705	4.297167518
ENSMUSG00000036873	92.67619252	132.1672763	122.8702823	106.3204127	133.2121931
ENSMUSG00000036875	12.02668147	11.82549314	12.00456781	24.96918783	20.05344842
ENSMUSG00000036879	20.51610369	57.04061399	41.66291182	53.16020636	57.29556691
ENSMUSG00000036885	11.31922962	6.260555194	8.473812573	4.02728836	6.445751277
ENSMUSG00000036890	16.97884443	33.3896277	28.24604191	36.24559524	27.93158887
ENSMUSG00000036892	7.781970364	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG00000036893	82.7718666	97.38641413	88.26888097	120.8186508	107.429188
ENSMUSG00000036898	51.64398514	66.08363816	57.90438592	75.71302118	62.30892901
ENSMUSG00000036899	6.367066661	9.043024169	9.886114669	4.832746033	7.87814045
ENSMUSG00000036908	45.27691848	47.30197258	56.49208382	107.9313281	84.51096119
ENSMUSG00000036912	8.489422215	6.956172438	5.649208382	8.054576721	11.45911338
ENSMUSG00000036913	7.074518513	7.651789682	9.179963621	6.443661377	5.013362104
ENSMUSG00000036915	11.31922962	7.651789682	6.35535943	5.638203705	7.87814045
ENSMUSG00000036916	5.65961481	15.30357936	10.59226572	35.44013757	32.94495097

ENSMUSG00000036918	42.44711108	82.08283477	67.08434954	48.32746033	44.40406435
ENSMUSG00000036923	5.65961481	4.173703463	9.886114669	6.443661377	8.594335036
ENSMUSG00000036928	7.781970364	7.651789682	4.236906287	5.638203705	2.864778345
ENSMUSG00000036931	31.83533331	63.99678643	52.25517753	202.9753334	113.8749392
ENSMUSG00000036932	19.80865184	24.34660353	24.00913562	29.80193387	32.94495097
ENSMUSG00000036938	11.31922962	7.651789682	6.35535943	6.443661377	6.445751277
ENSMUSG00000036940	68.62282957	77.9091313	72.73355792	128.0677699	108.1453825
ENSMUSG00000036948	0	0	0	0	0
ENSMUSG00000036949	9.904325918	7.651789682	7.767661525	3.221830688	9.310529622
ENSMUSG00000036955	35.37259256	50.08444155	48.01827125	47.52200265	44.40406435
ENSMUSG00000036959	3.537259256	6.260555194	4.236906287	3.221830688	3.580972932
ENSMUSG00000036960	8.489422215	6.260555194	9.179963621	7.249119049	2.864778345
ENSMUSG00000036962	8.489422215	4.869320706	5.649208382	3.221830688	7.161945863
ENSMUSG00000036964	0	0	0	0	0
ENSMUSG00000036966	60.84085921	82.08283477	93.21193831	57.99295239	60.87653984
ENSMUSG00000036968	45.98437033	57.04061399	48.7244223	46.71654498	45.83645353
ENSMUSG00000036972	11.31922962	5.56493795	6.35535943	8.860034393	7.161945863
ENSMUSG00000036980	30.4204296	65.38802092	50.84287544	58.79841006	50.84981563
ENSMUSG00000036985	11.31922962	22.2597518	19.77222934	17.72006879	14.32389173
ENSMUSG00000036986	147.8574369	164.8612868	140.5240585	284.3265582	195.5211221
ENSMUSG00000036989	12.73413332	9.738641413	14.829172	8.054576721	14.32389173
ENSMUSG00000036990	79.94205919	95.99517964	84.73812573	220.6954022	150.4008631
ENSMUSG00000036992	80.64951104	96.69079689	84.73812573	132.9005159	98.83485292
ENSMUSG00000037001	29.0055259	50.08444155	57.90438592	57.18749472	49.41742646
ENSMUSG00000037003	7.074518513	6.260555194	9.179963621	5.638203705	10.7429188
ENSMUSG00000037005	7.074518513	0.695617244	6.35535943	2.416373016	5.729556691
ENSMUSG00000037007	21.93100739	43.12826911	27.53989086	36.24559524	30.79636721
ENSMUSG00000037012	8.489422215	2.782468975	3.530755239	9.665492065	7.161945863
ENSMUSG00000037013	48.10672589	73.73542784	62.1412922	112.7640741	93.10529622
ENSMUSG00000037016	9.196874066	6.260555194	8.473812573	2.416373016	4.297167518
ENSMUSG00000037017	19.80865184	34.08524495	31.0706461	20.94189947	22.20203218
ENSMUSG00000037020	17.68629628	13.91234488	12.71071886	28.19101852	25.78300511
ENSMUSG00000037025	7.074518513	5.56493795	4.943057334	5.638203705	5.729556691
ENSMUSG00000037031	14.14903703	22.2597518	14.829172	8.860034393	11.45911338
ENSMUSG00000037032	3.537259256	4.173703463	12.00456781	7.249119049	5.729556691
ENSMUSG00000037034	9.904325918	6.956172438	6.35535943	5.638203705	3.580972932
ENSMUSG00000037058	84.1867703	107.1250555	95.33039145	87.79488626	59.44415067
ENSMUSG00000037062	59.42595551	96.69079689	70.61510478	128.0677699	117.4559122
ENSMUSG00000037072	53.7663407	101.5601176	74.85201106	109.5422434	97.40246374
ENSMUSG00000037089	26.1757185	47.30197258	37.42600553	89.4058016	65.88990194
ENSMUSG00000037098	12.73413332	15.99919661	23.30298458	16.10915344	20.05344842
ENSMUSG00000037101	9.904325918	8.347406925	9.886114669	12.08186508	6.445751277
ENSMUSG00000037108	10.61177777	25.04222078	19.06607829	24.16373016	27.93158887



ENSMUSG00000037110	27.5906222	44.5195036	50.13672439	34.6346799	35.80972932
ENSMUSG00000037112	12.73413332	31.99839321	19.06607829	29.80193387	30.08017263
ENSMUSG00000037126	7.074518513	10.43425866	10.59226572	8.054576721	8.594335036
ENSMUSG00000037134	71.45263698	93.90832791	82.61967259	63.6311561	73.76804239
ENSMUSG00000037138	116.0221036	133.5585108	118.633376	168.3406535	133.2121931
ENSMUSG00000037139	4.952162959	6.956172438	7.767661525	8.054576721	9.310529622
ENSMUSG00000037143	33.25023701	54.25814501	48.01827125	53.16020636	41.53928601
ENSMUSG00000037145	14.14903703	3.478086219	4.236906287	8.860034393	7.87814045
ENSMUSG00000037149	15.56394073	25.04222078	26.83373982	115.1804471	70.18706946
ENSMUSG00000037152	16.27139258	29.21592424	28.95219296	28.9964762	32.22875639
ENSMUSG00000037159	12.73413332	5.56493795	8.473812573	4.832746033	5.729556691
ENSMUSG00000037161	11.31922962	7.651789682	12.00456781	12.88732275	7.87814045
ENSMUSG00000037169	7.074518513	6.260555194	8.473812573	3.221830688	8.594335036
ENSMUSG00000037172	12.02668147	28.52030699	14.829172	23.35827249	19.33725383
ENSMUSG00000037174	72.86754068	60.51870021	76.26431316	89.4058016	85.94335036
ENSMUSG00000037190	25.46826665	27.12907251	29.65834401	28.9964762	32.94495097
ENSMUSG00000037197	59.42595551	69.56172438	64.25974535	138.5387196	96.68626916
ENSMUSG00000037206	9.904325918	6.956172438	10.59226572	7.249119049	5.729556691
ENSMUSG00000037210	81.3569629	123.8198694	95.33039145	99.87675134	85.22715578
ENSMUSG00000037211	8.489422215	5.56493795	6.35535943	4.832746033	2.864778345
ENSMUSG00000037214	28.29807405	46.60635533	46.60596915	72.49119049	70.90326405
ENSMUSG00000037217	3.537259256	2.782468975	4.943057334	5.638203705	5.013362104
ENSMUSG00000037221	29.71297775	48.69320706	69.20280268	44.30017197	40.82309142
ENSMUSG00000037224	8.489422215	3.478086219	6.35535943	5.638203705	3.580972932
ENSMUSG00000037225	7.781970364	4.173703463	5.649208382	2.416373016	5.729556691
ENSMUSG00000037234	45.98437033	77.21351406	63.5535943	73.29664816	73.05184781
ENSMUSG00000037235	71.45263698	95.2995624	110.1595635	46.71654498	47.2688427
ENSMUSG00000037236	60.13340736	91.12585893	105.2165061	223.1117752	171.1705061
ENSMUSG00000037243	9.196874066	9.043024169	10.59226572	8.054576721	15.7562809
ENSMUSG00000037254	6.367066661	9.738641413	9.179963621	8.054576721	10.7429188
ENSMUSG00000037259	29.0055259	52.17129328	41.66291182	72.49119049	63.0251236
ENSMUSG00000037263	7.781970364	8.347406925	7.767661525	5.638203705	10.02672421
ENSMUSG00000037266	130.1711406	156.5138799	161.0024389	307.6848307	224.8851001
ENSMUSG00000037270	33.25023701	59.12746572	45.8998181	41.88379895	54.43078856
ENSMUSG00000037275	24.76081479	31.30277597	26.83373982	114.3749894	64.45751277
ENSMUSG00000037279	7.074518513	7.651789682	4.943057334	7.249119049	6.445751277
ENSMUSG00000037280	27.5906222	42.43265187	49.43057334	23.35827249	30.08017263
ENSMUSG00000037286	12.02668147	9.043024169	4.943057334	5.638203705	7.87814045
ENSMUSG00000037287	19.80865184	6.956172438	11.29841676	9.665492065	2.864778345
ENSMUSG00000037300	85.601674	122.4286349	115.8087718	112.7640741	115.3073284
ENSMUSG00000037306	4.244711108	3.478086219	7.767661525	3.221830688	12.17530797
ENSMUSG00000037307	9.904325918	2.782468975	12.00456781	8.054576721	7.161945863
ENSMUSG00000037313	49.52162959	85.56092098	69.20280268	141.7605503	112.4425501

ENSMUSG00000037315	6.367066661	7.651789682	4.236906287	24.16373016	18.62105924
ENSMUSG00000037318	110.3624888	117.5593142	134.8748501	227.9445212	158.9951982
ENSMUSG00000037321	191.7194517	235.8142456	213.2576164	529.9911482	365.259239
ENSMUSG00000037325	12.73413332	9.738641413	8.473812573	5.638203705	4.297167518
ENSMUSG00000037326	54.47379255	75.12666233	74.14586002	65.24207144	67.32229112
ENSMUSG00000037331	49.52162959	76.51789682	72.73355792	277.8828969	205.5478463
ENSMUSG00000037335	7.781970364	4.869320706	5.649208382	5.638203705	2.864778345
ENSMUSG00000037336	9.904325918	10.43425866	9.179963621	8.860034393	5.013362104
ENSMUSG00000037337	163.4213776	188.5122731	185.0115745	322.1830688	234.9118243
ENSMUSG00000037339	25.46826665	38.95456565	41.66291182	74.10210583	62.30892901
ENSMUSG00000037341	80.64951104	81.38721752	76.26431316	138.5387196	95.97007457
ENSMUSG00000037344	29.0055259	38.95456565	52.25517753	29.80193387	38.67450766
ENSMUSG00000037348	4.952162959	6.956172438	4.236906287	8.860034393	7.161945863
ENSMUSG00000037355	11.31922962	14.60796212	14.829172	12.08186508	13.60769714
ENSMUSG00000037364	38.90985182	69.56172438	43.07521391	182.0334339	151.8332523
ENSMUSG00000037366	6.367066661	6.956172438	4.943057334	4.832746033	7.161945863
ENSMUSG00000037369	31.83533331	42.43265187	40.25060972	70.07481747	60.16034525
ENSMUSG00000037370	16.27139258	23.65098629	19.77222934	14.4982381	15.04008631
ENSMUSG00000037373	96.92090362	139.819066	117.2210739	132.9005159	100.2672421
ENSMUSG00000037375	6.367066661	8.347406925	12.00456781	7.249119049	8.594335036
ENSMUSG00000037376	45.98437033	66.7792554	57.19823487	117.5968201	100.2672421
ENSMUSG00000037386	5.65961481	4.869320706	7.061510478	6.443661377	6.445751277
ENSMUSG00000037395	10.61177777	17.39043109	12.71071886	17.72006879	14.32389173
ENSMUSG00000037400	45.27691848	81.38721752	55.07978173	136.1223466	103.848215
ENSMUSG00000037408	16.27139258	29.91154148	26.12758877	20.1364418	26.49919969
ENSMUSG00000037410	9.904325918	5.56493795	6.35535943	8.054576721	10.02672421
ENSMUSG00000037411	9.904325918	2.086851731	8.473812573	7.249119049	6.445751277
ENSMUSG00000037416	94.79854807	132.1672763	114.3964697	119.2077355	110.2939663
ENSMUSG00000037426	34.66514071	61.9099347	47.3121202	36.24559524	31.5125618
ENSMUSG00000037428	7.781970364	5.56493795	6.35535943	4.832746033	6.445751277
ENSMUSG00000037437	9.196874066	4.869320706	9.179963621	4.02728836	11.45911338
ENSMUSG00000037443	45.98437033	52.17129328	52.25517753	105.514955	85.94335036
ENSMUSG00000037446	4.244711108	6.956172438	4.943057334	8.054576721	13.60769714
ENSMUSG00000037447	61.54831106	79.99598303	82.61967259	205.3917064	134.6445822
ENSMUSG00000037455	11.31922962	10.43425866	11.29841676	2.416373016	5.013362104
ENSMUSG00000037458	72.16008883	95.2995624	79.08891735	188.4770953	158.2790036
ENSMUSG00000037461	99.75071103	144.6883867	120.0456781	243.248217	200.5344842
ENSMUSG00000037463	7.074518513	4.869320706	5.649208382	4.02728836	7.161945863
ENSMUSG00000037466	28.29807405	20.86851731	28.95219296	28.19101852	28.64778345
ENSMUSG00000037470	105.4103258	125.2111039	110.1595635	164.3133651	133.2121931
ENSMUSG00000037474	81.3569629	116.863697	98.86114669	237.6100133	204.1154571
ENSMUSG00000037475	2.829807405	2.086851731	7.061510478	2.416373016	2.148583759
ENSMUSG00000037486	69.33028142	98.08203137	91.79963621	229.5554365	166.8733386

ENSMUSG00000037492	7.781970364	6.956172438	4.943057334	8.054576721	7.87814045
ENSMUSG00000037503	146.4425332	188.5122731	142.6425116	213.4462831	165.4409494
ENSMUSG00000037509	9.196874066	5.56493795	5.649208382	6.443661377	6.445751277
ENSMUSG00000037514	57.30359995	76.51789682	68.49665163	132.9005159	95.97007457
ENSMUSG00000037519	57.30359995	73.73542784	66.37819849	60.40932541	62.30892901
ENSMUSG00000037523	17.68629628	24.34660353	23.30298458	44.30017197	36.5259239
ENSMUSG00000037529	9.904325918	7.651789682	7.767661525	6.443661377	7.87814045
ENSMUSG00000037533	75.69734809	85.56092098	90.38733411	156.2587884	130.3474147
ENSMUSG00000037536	27.5906222	50.08444155	45.8998181	62.02024075	56.57937232
ENSMUSG00000037541	5.65961481	5.56493795	5.649208382	4.832746033	2.864778345
ENSMUSG00000037542	9.196874066	6.956172438	9.886114669	8.054576721	10.02672421
ENSMUSG00000037544	18.39374813	18.78166558	24.71528667	55.57657937	40.10689684
ENSMUSG00000037548	202.3312295	217.7281973	221.731429	425.2816509	317.9903963
ENSMUSG00000037552	29.71297775	41.73703463	44.48751601	35.44013757	24.35061594
ENSMUSG00000037553	188.8896443	191.9903593	185.0115745	250.497336	190.50776
ENSMUSG00000037563	4.244711108	0.695617244	3.530755239	1.610915344	0.716194586
ENSMUSG00000037568	6.367066661	8.347406925	6.35535943	12.88732275	7.161945863
ENSMUSG00000037570	44.56946663	64.69240367	71.32125582	49.132918	44.40406435
ENSMUSG00000037572	122.3891703	162.774435	126.4010376	246.4700477	213.4259867
ENSMUSG00000037577	8.489422215	7.651789682	12.71071886	12.08186508	8.594335036
ENSMUSG00000037593	5.65961481	4.869320706	9.179963621	9.665492065	15.04008631
ENSMUSG00000037594	6.367066661	12.52111039	6.35535943	6.443661377	8.594335036
ENSMUSG00000037600	11.31922962	7.651789682	7.767661525	10.47094974	6.445751277
ENSMUSG00000037601	0.707451851	1.391234488	2.824604191	0.805457672	1.432389173
ENSMUSG00000037605	8.489422215	5.56493795	8.473812573	4.832746033	3.580972932
ENSMUSG00000037606	7.781970364	6.956172438	7.767661525	9.665492065	8.594335036
ENSMUSG00000037608	84.89422215	116.1680797	101.6857509	222.3063175	151.1170577
ENSMUSG00000037610	7.074518513	5.56493795	9.179963621	6.443661377	7.87814045
ENSMUSG00000037613	8.489422215	10.43425866	7.061510478	10.47094974	12.17530797
ENSMUSG00000037617	7.781970364	14.60796212	9.886114669	12.08186508	8.594335036
ENSMUSG00000037622	24.76081479	26.43345526	27.53989086	22.55281482	25.06681052
ENSMUSG00000037624	8.489422215	1.391234488	9.179963621	2.416373016	6.445751277
ENSMUSG00000037627	8.489422215	2.086851731	2.118453143	4.832746033	5.013362104
ENSMUSG00000037640	43.15456293	52.86691053	41.66291182	56.38203705	55.14698315
ENSMUSG00000037643	28.29807405	47.99758982	43.07521391	35.44013757	36.5259239
ENSMUSG00000037652	60.13340736	73.0398106	64.25974535	86.18397091	85.22715578
ENSMUSG00000037661	13.44158517	11.82549314	4.943057334	4.832746033	7.87814045
ENSMUSG00000037664	7.074518513	6.260555194	6.35535943	4.02728836	8.594335036
ENSMUSG00000037669	33.25023701	61.9099347	62.84744325	58.79841006	54.43078856
ENSMUSG00000037674	60.84085921	82.77845201	57.19823487	172.3679418	133.2121931
ENSMUSG00000037681	7.781970364	3.478086219	7.061510478	4.832746033	4.297167518
ENSMUSG00000037683	5.65961481	2.782468975	7.061510478	5.638203705	10.02672421
ENSMUSG00000037685	67.91537772	78.60474855	74.85201106	46.71654498	52.99839939

ENSMUSG00000037692	48.10672589	66.08363816	62.1412922	41.07834128	43.68786977
ENSMUSG00000037697	0	0	0	0.805457672	0
ENSMUSG00000037703	10.61177777	3.478086219	4.236906287	6.443661377	7.161945863
ENSMUSG00000037705	11.31922962	6.956172438	10.59226572	9.665492065	7.161945863
ENSMUSG00000037706	107.5326814	126.6023384	112.2780166	107.1258704	97.40246374
ENSMUSG00000037708	5.65961481	5.56493795	4.236906287	4.832746033	7.87814045
ENSMUSG00000037709	7.074518513	6.956172438	6.35535943	4.02728836	7.161945863
ENSMUSG00000037712	9.904325918	3.478086219	2.824604191	5.638203705	2.864778345
ENSMUSG00000037716	10.61177777	7.651789682	4.236906287	4.832746033	6.445751277
ENSMUSG00000037720	35.37259256	58.43184848	45.19366706	86.18397091	81.64618284
ENSMUSG00000037730	33.95768886	59.82308296	47.3121202	66.04752911	60.16034525
ENSMUSG00000037736	11.31922962	6.956172438	4.236906287	1.610915344	5.013362104
ENSMUSG00000037738	4.952162959	10.43425866	4.236906287	4.02728836	4.297167518
ENSMUSG00000037742	7.781970364	9.738641413	7.767661525	8.054576721	11.45911338
ENSMUSG00000037750	36.78749627	78.60474855	64.25974535	102.2931244	78.06520991
ENSMUSG00000037754	25.46826665	28.52030699	29.65834401	50.74383334	58.01176149
ENSMUSG00000037761	39.61730367	49.38882431	57.90438592	62.82569842	55.14698315
ENSMUSG00000037771	4.244711108	4.173703463	8.473812573	4.832746033	2.864778345
ENSMUSG00000037772	20.51610369	20.17290007	23.30298458	35.44013757	27.21539428
ENSMUSG00000037773	75.69734809	108.51629	93.21193831	147.398754	138.9417498
ENSMUSG00000037784	9.196874066	6.956172438	7.767661525	6.443661377	9.310529622
ENSMUSG00000037787	70.74518513	133.5585108	95.33039145	140.1496349	131.0636093
ENSMUSG00000037788	2.829807405	15.99919661	14.12302096	12.88732275	10.02672421
ENSMUSG00000037791	31.83533331	45.21512085	47.3121202	202.1698757	150.4008631
ENSMUSG00000037795	16.27139258	25.73783802	32.4829482	18.52552646	18.62105924
ENSMUSG00000037797	7.074518513	2.086851731	10.59226572	8.054576721	5.013362104
ENSMUSG00000037801	107.5326814	154.4270281	137.6994543	99.07129367	99.5510475
ENSMUSG00000037805	12.73413332	23.65098629	24.00913562	179.6170609	148.968474
ENSMUSG00000037808	92.67619252	126.6023384	120.0456781	134.5114312	146.8198902
ENSMUSG00000037813	5.65961481	6.260555194	3.530755239	10.47094974	5.013362104
ENSMUSG00000037814	9.196874066	18.08604834	15.53532305	31.41284921	27.93158887
ENSMUSG00000037816	10.61177777	9.043024169	7.767661525	13.69278043	12.89150255
ENSMUSG00000037818	22.63845924	47.99758982	43.78136496	37.05105292	37.95831308
ENSMUSG00000037820	5.65961481	6.260555194	9.179963621	8.054576721	11.45911338
ENSMUSG00000037822	48.81417774	72.34419335	73.43970897	192.5043836	154.6980307
ENSMUSG00000037827	12.02668147	8.347406925	11.29841676	7.249119049	9.310529622
ENSMUSG00000037833	7.781970364	6.260555194	10.59226572	6.443661377	10.02672421
ENSMUSG00000037845	17.68629628	36.17209668	30.36449505	33.02376456	30.08017263
ENSMUSG00000037846	13.44158517	18.78166558	11.29841676	12.88732275	6.445751277
ENSMUSG00000037847	88.43148141	111.298759	105.9226572	78.12939419	78.7814045
ENSMUSG00000037851	19.10119998	36.86771392	34.60140134	29.80193387	22.20203218
ENSMUSG00000037855	9.196874066	8.347406925	4.236906287	4.02728836	7.161945863
ENSMUSG00000037857	63.67066661	82.08283477	83.32582364	247.2755053	214.1421813

ENSMUSG00000037860	6.367066661	7.651789682	9.886114669	10.47094974	6.445751277
ENSMUSG00000037868	3.537259256	9.043024169	2.118453143	6.443661377	12.89150255
ENSMUSG00000037876	35.37259256	63.99678643	50.84287544	134.5114312	114.5911338
ENSMUSG00000037885	16.97884443	41.73703463	27.53989086	33.02376456	38.67450766
ENSMUSG00000037887	7.074518513	4.173703463	8.473812573	4.832746033	2.864778345
ENSMUSG00000037890	6.367066661	7.651789682	6.35535943	7.249119049	9.310529622
ENSMUSG00000037892	10.61177777	7.651789682	9.886114669	4.02728836	5.729556691
ENSMUSG00000037894	13.44158517	16.69481385	19.77222934	48.32746033	56.57937232
ENSMUSG00000037896	59.42595551	77.21351406	70.61510478	80.54576721	77.34901533
ENSMUSG00000037902	7.074518513	11.1298759	10.59226572	8.860034393	8.594335036
ENSMUSG00000037904	21.22355554	18.78166558	33.18909925	13.69278043	22.20203218
ENSMUSG00000037905	27.5906222	51.47567604	36.71985448	81.35122488	73.05184781
ENSMUSG00000037907	14.85648888	8.347406925	5.649208382	8.054576721	7.161945863
ENSMUSG00000037910	12.02668147	8.347406925	8.473812573	5.638203705	6.445751277
ENSMUSG00000037913	33.25023701	54.25814501	50.13672439	67.65844446	65.17370736
ENSMUSG00000037916	19.80865184	31.30277597	29.65834401	23.35827249	40.82309142
ENSMUSG00000037921	19.10119998	37.56333116	27.53989086	28.9964762	37.95831308
ENSMUSG00000037922	130.8785925	149.5577074	127.8133396	117.5968201	90.24051788
ENSMUSG00000037926	33.95768886	58.43184848	47.3121202	82.96214023	60.87653984
ENSMUSG00000037933	84.1867703	100.1688831	92.50578726	114.3749894	112.4425501
ENSMUSG00000037935	80.64951104	135.6453625	112.9841676	194.9207566	143.9551119
ENSMUSG00000037936	16.97884443	24.34660353	26.83373982	53.16020636	40.82309142
ENSMUSG00000037940	26.88317035	50.08444155	67.79050059	46.71654498	52.99839939
ENSMUSG00000037946	7.074518513	11.1298759	11.29841676	8.054576721	9.310529622
ENSMUSG00000037957	106.1177777	153.7314109	134.8748501	126.4568545	101.6996313
ENSMUSG00000037958	0	0	0	0.805457672	1.432389173
ENSMUSG00000037960	14.14903703	25.04222078	27.53989086	18.52552646	18.62105924
ENSMUSG00000037965	58.71850365	87.64777272	65.67204744	121.6241085	85.22715578
ENSMUSG00000037966	16.97884443	27.12907251	15.53532305	19.33098413	20.769643
ENSMUSG00000037971	11.31922962	33.3896277	21.89068248	26.58010318	26.49919969
ENSMUSG00000037974	7.074518513	4.869320706	7.767661525	3.221830688	7.161945863
ENSMUSG00000037979	23.34591109	32.69401046	32.4829482	35.44013757	33.66114556
ENSMUSG00000037989	4.244711108	9.738641413	9.179963621	4.02728836	7.161945863
ENSMUSG00000037990	4.952162959	7.651789682	7.061510478	6.443661377	7.161945863
ENSMUSG00000037992	14.85648888	11.82549314	15.53532305	9.665492065	12.17530797
ENSMUSG00000037994	11.31922962	4.173703463	5.649208382	4.832746033	6.445751277
ENSMUSG00000037995	5.65961481	15.30357936	12.71071886	8.054576721	12.89150255
ENSMUSG00000037996	9.196874066	4.869320706	9.886114669	3.221830688	5.013362104
ENSMUSG00000037997	4.952162959	8.347406925	5.649208382	41.88379895	26.49919969
ENSMUSG00000037999	45.98437033	89.0390072	52.25517753	144.1769233	111.0101609
ENSMUSG00000038000	21.22355554	29.91154148	29.65834401	30.60739154	45.83645353
ENSMUSG00000038005	53.05888884	87.64777272	69.20280268	109.5422434	73.05184781
ENSMUSG00000038007	11.31922962	4.869320706	9.886114669	5.638203705	6.445751277

ENSMUSG00000038011	10.61177777	8.347406925	9.179963621	4.02728836	7.87814045
ENSMUSG00000038013	45.27691848	64.69240367	62.1412922	99.87675134	88.80812871
ENSMUSG00000038022	9.196874066	5.56493795	4.943057334	7.249119049	10.02672421
ENSMUSG00000038023	39.61730367	59.82308296	57.19823487	49.132918	58.01176149
ENSMUSG00000038024	14.85648888	11.82549314	15.53532305	20.94189947	14.32389173
ENSMUSG00000038026	9.196874066	5.56493795	9.179963621	8.054576721	5.013362104
ENSMUSG00000038034	6.367066661	6.956172438	8.473812573	5.638203705	8.594335036
ENSMUSG00000038039	13.44158517	27.12907251	20.47838039	20.1364418	20.769643
ENSMUSG00000038042	7.781970364	10.43425866	7.767661525	9.665492065	4.297167518
ENSMUSG00000038045	8.489422215	6.956172438	9.179963621	8.860034393	4.297167518
ENSMUSG00000038047	74.98989623	107.1250555	77.67661525	182.8388916	137.5093606
ENSMUSG00000038055	43.86201478	79.99598303	49.43057334	133.7059736	121.0368851
ENSMUSG00000038056	36.08004441	79.99598303	67.79050059	70.07481747	68.0384857
ENSMUSG00000038058	33.95768886	47.99758982	43.07521391	15.30369577	13.60769714
ENSMUSG00000038060	8.489422215	7.651789682	5.649208382	4.02728836	5.013362104
ENSMUSG00000038065	9.196874066	18.08604834	14.12302096	12.88732275	10.7429188
ENSMUSG00000038068	7.781970364	7.651789682	4.236906287	4.02728836	5.013362104
ENSMUSG00000038070	9.196874066	6.956172438	9.886114669	8.860034393	4.297167518
ENSMUSG00000038072	41.03220737	58.43184848	52.25517753	53.16020636	47.2688427
ENSMUSG00000038074	10.61177777	9.738641413	8.473812573	12.88732275	15.7562809
ENSMUSG00000038079	9.196874066	9.738641413	9.179963621	8.860034393	10.7429188
ENSMUSG00000038080	19.10119998	25.73783802	31.77679715	20.1364418	20.05344842
ENSMUSG00000038084	94.79854807	117.5593142	103.098053	120.8186508	121.0368851
ENSMUSG00000038085	31.12788146	43.12826911	38.13215658	97.46037832	88.09193412
ENSMUSG00000038094	6.367066661	4.869320706	3.530755239	5.638203705	3.580972932
ENSMUSG00000038095	2.829807405	2.086851731	0	0	2.148583759
ENSMUSG00000038102	46.69182218	63.99678643	53.66747963	111.9586164	92.38910164
ENSMUSG00000038112	10.61177777	5.56493795	7.767661525	4.02728836	4.297167518
ENSMUSG00000038115	7.074518513	3.478086219	4.943057334	4.832746033	8.594335036
ENSMUSG00000038116	82.7718666	111.298759	88.26888097	113.5695318	89.52432329
ENSMUSG00000038119	13.44158517	14.60796212	11.29841676	7.249119049	10.7429188
ENSMUSG00000038126	32.54278516	49.38882431	48.7244223	85.37851324	73.76804239
ENSMUSG00000038127	85.601674	125.2111039	114.3964697	250.497336	184.0620087
ENSMUSG00000038143	5.65961481	4.869320706	8.473812573	2.416373016	2.864778345
ENSMUSG00000038145	45.27691848	79.99598303	56.49208382	47.52200265	53.71459398
ENSMUSG00000038147	87.72402956	118.2549314	93.91808935	48.32746033	52.99839939
ENSMUSG00000038148	7.074518513	6.956172438	8.473812573	2.416373016	5.729556691
ENSMUSG00000038155	9.904325918	15.30357936	19.77222934	16.10915344	18.62105924
ENSMUSG00000038156	6.367066661	4.869320706	7.061510478	8.054576721	4.297167518
ENSMUSG00000038170	7.074518513	7.651789682	5.649208382	6.443661377	10.7429188
ENSMUSG00000038172	22.63845924	38.95456565	30.36449505	45.10562964	51.56601022
ENSMUSG00000038173	9.904325918	11.1298759	4.236906287	5.638203705	7.87814045
ENSMUSG00000038174	72.86754068	106.4294383	102.3919019	97.46037832	102.4158258

ENSMUSG00000038175	127.3413332	154.4270281	142.6425116	92.62763229	83.07857202
ENSMUSG00000038178	31.12788146	52.86691053	53.66747963	43.49471429	50.84981563
ENSMUSG00000038179	47.39927403	47.99758982	36.71985448	185.2552646	113.8749392
ENSMUSG00000038180	9.196874066	7.651789682	10.59226572	9.665492065	8.594335036
ENSMUSG00000038181	68.62282957	95.2995624	86.85657888	128.0677699	102.4158258
ENSMUSG00000038187	30.4204296	48.69320706	49.43057334	49.93837567	32.94495097
ENSMUSG00000038188	7.074518513	11.1298759	10.59226572	4.832746033	10.02672421
ENSMUSG00000038199	6.367066661	5.56493795	7.767661525	8.054576721	7.87814045
ENSMUSG00000038201	4.952162959	6.260555194	10.59226572	12.08186508	3.580972932
ENSMUSG00000038203	4.244711108	6.260555194	5.649208382	2.416373016	4.297167518
ENSMUSG00000038204	7.781970364	6.260555194	6.35535943	7.249119049	10.02672421
ENSMUSG00000038205	32.54278516	55.6493795	45.8998181	33.02376456	27.93158887
ENSMUSG00000038206	61.54831106	115.4724625	92.50578726	76.51847885	75.20043157
ENSMUSG00000038208	6.367066661	6.260555194	7.061510478	9.665492065	7.161945863
ENSMUSG00000038209	8.489422215	9.738641413	9.179963621	7.249119049	15.04008631
ENSMUSG00000038210	7.074518513	9.043024169	8.473812573	6.443661377	8.594335036
ENSMUSG00000038212	50.93653329	103.6469693	62.1412922	78.93485187	80.21379367
ENSMUSG00000038214	9.196874066	15.30357936	9.886114669	28.9964762	27.93158887
ENSMUSG00000038215	60.13340736	98.77764862	86.85657888	71.68573282	78.06520991
ENSMUSG00000038217	4.952162959	7.651789682	4.943057334	13.69278043	9.310529622
ENSMUSG00000038224	18.39374813	14.60796212	14.12302096	8.054576721	15.04008631
ENSMUSG00000038225	27.5906222	50.7800588	53.66747963	70.88027514	68.0384857
ENSMUSG00000038227	6.367066661	7.651789682	4.236906287	4.02728836	4.297167518
ENSMUSG00000038239	9.196874066	3.478086219	8.473812573	10.47094974	8.594335036
ENSMUSG00000038240	32.54278516	66.08363816	53.66747963	61.21478308	52.99839939
ENSMUSG00000038241	32.54278516	52.86691053	53.66747963	50.74383334	37.95831308
ENSMUSG00000038242	7.781970364	6.956172438	7.767661525	4.02728836	8.594335036
ENSMUSG00000038244	8.489422215	5.56493795	9.886114669	10.47094974	3.580972932
ENSMUSG00000038252	42.447111108	58.43184848	44.48751601	173.9788572	137.5093606
ENSMUSG00000038256	13.44158517	29.21592424	17.65377619	35.44013757	30.08017263
ENSMUSG00000038260	9.904325918	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000038267	7.074518513	8.347406925	5.649208382	4.02728836	2.864778345
ENSMUSG00000038271	58.71850365	71.64857611	88.97503202	49.93837567	61.59273443
ENSMUSG00000038274	118.851911	187.8166558	158.8839857	343.930426	269.2891645
ENSMUSG00000038276	9.196874066	9.738641413	8.473812573	10.47094974	8.594335036
ENSMUSG00000038279	50.22908144	54.25814501	45.19366706	187.6716376	143.9551119
ENSMUSG00000038280	9.196874066	6.956172438	3.530755239	2.416373016	2.864778345
ENSMUSG00000038286	15.56394073	15.30357936	12.00456781	17.72006879	20.05344842
ENSMUSG00000038290	74.98989623	110.6031418	95.33039145	104.7094974	88.09193412
ENSMUSG00000038291	36.78749627	52.86691053	45.8998181	57.99295239	49.41742646
ENSMUSG00000038292	9.196874066	10.43425866	5.649208382	6.443661377	7.87814045
ENSMUSG00000038295	9.196874066	9.043024169	8.473812573	4.832746033	4.297167518
ENSMUSG00000038296	10.61177777	6.956172438	4.943057334	6.443661377	7.161945863

ENSMUSG00000038298	8.489422215	5.56493795	4.943057334	8.860034393	5.729556691
ENSMUSG00000038299	27.5906222	59.82308296	49.43057334	127.2623122	103.848215
ENSMUSG00000038301	8.489422215	6.260555194	9.179963621	8.054576721	6.445751277
ENSMUSG00000038302	16.97884443	33.3896277	20.47838039	41.07834128	36.5259239
ENSMUSG00000038304	4.952162959	2.086851731	6.35535943	1.610915344	4.297167518
ENSMUSG00000038305	5.65961481	6.956172438	8.473812573	4.02728836	4.297167518
ENSMUSG00000038312	24.05336294	45.21512085	33.89525029	33.82922223	26.49919969
ENSMUSG00000038319	8.489422215	9.738641413	4.236906287	4.832746033	5.013362104
ENSMUSG00000038324	120.2668147	148.8620902	152.5286263	104.7094974	98.11865833
ENSMUSG00000038330	12.02668147	7.651789682	6.35535943	6.443661377	10.7429188
ENSMUSG00000038331	7.074518513	5.56493795	3.530755239	4.832746033	6.445751277
ENSMUSG00000038332	35.37259256	64.69240367	44.48751601	61.21478308	35.80972932
ENSMUSG00000038335	43.15456293	47.30197258	46.60596915	202.9753334	159.7113928
ENSMUSG00000038342	132.2934962	155.8182626	161.0024389	176.3952302	146.1036956
ENSMUSG00000038344	24.05336294	31.30277597	33.89525029	70.88027514	57.29556691
ENSMUSG00000038346	24.76081479	48.69320706	41.66291182	96.65492065	101.6996313
ENSMUSG00000038347	2.122355554	2.782468975	3.530755239	1.610915344	1.432389173
ENSMUSG00000038349	6.367066661	6.956172438	8.473812573	7.249119049	5.729556691
ENSMUSG00000038351	16.27139258	18.08604834	25.42143772	112.7640741	87.37573953
ENSMUSG00000038352	36.78749627	34.78086219	46.60596915	18.52552646	16.47247549
ENSMUSG00000038354	4.952162959	4.869320706	7.061510478	4.832746033	6.445751277
ENSMUSG00000038357	4.952162959	5.56493795	5.649208382	7.249119049	7.87814045
ENSMUSG00000038366	14.14903703	28.52030699	32.4829482	30.60739154	36.5259239
ENSMUSG00000038368	10.61177777	13.91234488	16.2414741	53.16020636	41.53928601
ENSMUSG00000038369	59.42595551	89.0390072	79.7950684	77.32393652	73.76804239
ENSMUSG00000038371	10.61177777	13.91234488	14.829172	10.47094974	7.87814045
ENSMUSG00000038372	9.196874066	18.78166558	18.35992724	36.24559524	35.09353473
ENSMUSG00000038374	35.37259256	65.38802092	67.79050059	95.04400531	90.24051788
ENSMUSG00000038375	18.39374813	9.738641413	9.179963621	7.249119049	13.60769714
ENSMUSG00000038379	47.39927403	50.7800588	31.0706461	58.79841006	41.53928601
ENSMUSG00000038383	60.13340736	92.51709342	84.03197468	89.4058016	67.32229112
ENSMUSG00000038384	75.69734809	98.08203137	109.4534124	235.1936403	189.7915654
ENSMUSG00000038388	10.61177777	14.60796212	7.767661525	37.05105292	35.09353473
ENSMUSG00000038390	4.244711108	4.869320706	7.061510478	4.832746033	7.87814045
ENSMUSG00000038393	131.5860443	147.4708557	118.633376	179.6170609	126.7664418
ENSMUSG00000038400	12.02668147	20.17290007	15.53532305	198.1425873	146.1036956
ENSMUSG00000038403	4.952162959	4.173703463	5.649208382	9.665492065	5.729556691
ENSMUSG00000038406	38.20239997	66.7792554	49.43057334	82.15668255	59.44415067
ENSMUSG00000038415	7.781970364	8.347406925	5.649208382	2.416373016	6.445751277
ENSMUSG00000038416	45.98437033	82.77845201	67.08434954	112.7640741	93.10529622
ENSMUSG00000038421	4.952162959	5.56493795	5.649208382	2.416373016	2.148583759
ENSMUSG00000038425	15.56394073	26.43345526	21.89068248	33.02376456	25.78300511
ENSMUSG00000038429	48.10672589	62.60555194	67.08434954	112.7640741	88.80812871



ENSMUSG00000038437	44.56946663	71.64857611	59.31668801	137.7332619	92.38910164
ENSMUSG00000038451	16.97884443	11.82549314	24.71528667	22.55281482	14.32389173
ENSMUSG00000038453	7.074518513	6.260555194	8.473812573	7.249119049	4.297167518
ENSMUSG00000038457	4.244711108	2.782468975	6.35535943	7.249119049	6.445751277
ENSMUSG00000038459	35.37259256	52.86691053	52.96132858	44.30017197	49.41742646
ENSMUSG00000038467	91.26128881	100.1688831	83.32582364	180.4225185	129.6312201
ENSMUSG00000038481	48.10672589	52.86691053	58.61053696	45.91108731	53.71459398
ENSMUSG00000038482	34.66514071	40.34580014	44.48751601	214.2517408	158.9951982
ENSMUSG00000038495	40.32475552	67.47487265	58.61053696	55.57657937	53.71459398
ENSMUSG00000038496	7.781970364	5.56493795	6.35535943	5.638203705	6.445751277
ENSMUSG00000038500	26.1757185	37.56333116	41.66291182	109.5422434	80.21379367
ENSMUSG00000038502	11.31922962	15.99919661	9.179963621	6.443661377	8.594335036
ENSMUSG00000038503	21.22355554	31.30277597	18.35992724	70.07481747	57.29556691
ENSMUSG00000038506	22.63845924	50.7800588	33.89525029	27.38556085	48.70123187
ENSMUSG00000038510	29.71297775	60.51870021	45.19366706	111.1531587	101.6996313
ENSMUSG00000038515	10.61177777	7.651789682	11.29841676	1.610915344	4.297167518
ENSMUSG00000038517	4.244711108	11.82549314	10.59226572	5.638203705	6.445751277
ENSMUSG00000038518	9.904325918	18.78166558	19.06607829	28.19101852	22.91822676
ENSMUSG00000038520	24.76081479	43.82388636	33.18909925	62.82569842	55.14698315
ENSMUSG00000038521	7.074518513	6.260555194	8.473812573	4.02728836	4.297167518
ENSMUSG00000038523	5.65961481	2.782468975	7.767661525	4.02728836	8.594335036
ENSMUSG00000038524	10.61177777	15.99919661	18.35992724	10.47094974	14.32389173
ENSMUSG00000038525	17.68629628	33.3896277	29.65834401	33.02376456	36.5259239
ENSMUSG00000038526	4.952162959	10.43425866	3.530755239	9.665492065	11.45911338
ENSMUSG00000038528	7.781970364	4.173703463	7.061510478	3.221830688	10.02672421
ENSMUSG00000038530	4.244711108	7.651789682	4.236906287	8.054576721	10.02672421
ENSMUSG00000038533	50.22908144	87.64777272	64.25974535	58.79841006	70.18706946
ENSMUSG00000038534	38.20239997	49.38882431	55.78593277	43.49471429	45.83645353
ENSMUSG00000038535	84.89422215	120.3417832	81.91352154	139.3441773	92.38910164
ENSMUSG00000038538	33.95768886	63.99678643	43.07521391	72.49119049	75.20043157
ENSMUSG00000038539	139.3680147	175.2955454	159.5901368	444.612635	277.8834995
ENSMUSG00000038540	12.73413332	6.260555194	7.767661525	12.88732275	10.7429188
ENSMUSG00000038542	58.0110518	100.8645003	81.20737049	124.0404815	108.8615771
ENSMUSG00000038543	45.27691848	59.82308296	60.72899011	55.57657937	42.97167518
ENSMUSG00000038544	27.5906222	35.47647943	28.24604191	19.33098413	20.769643
ENSMUSG00000038545	12.02668147	11.82549314	11.29841676	15.30369577	18.62105924
ENSMUSG00000038550	12.73413332	13.21672763	13.41686991	15.30369577	17.18867007
ENSMUSG00000038552	8.489422215	8.347406925	12.00456781	4.02728836	7.87814045
ENSMUSG00000038563	33.95768886	38.95456565	38.13215658	153.8424154	139.6579443
ENSMUSG00000038564	6.367066661	8.347406925	5.649208382	11.27640741	7.87814045
ENSMUSG00000038569	40.32475552	61.9099347	62.84744325	77.32393652	70.18706946
ENSMUSG00000038570	26.88317035	34.78086219	48.7244223	169.9515688	111.7263555
ENSMUSG00000038576	5.65961481	6.260555194	4.943057334	4.832746033	7.87814045

ENSMUSG00000038578	49.52162959	53.56252777	55.78593277	35.44013757	30.79636721
ENSMUSG00000038580	3.537259256	6.260555194	6.35535943	7.249119049	5.013362104
ENSMUSG00000038582	126.6338814	146.7752384	144.0548137	270.6337778	233.4794351
ENSMUSG00000038583	23.34591109	27.12907251	24.00913562	21.74735715	22.91822676
ENSMUSG00000038593	43.15456293	68.86610713	73.43970897	59.60386773	55.14698315
ENSMUSG00000038599	7.781970364	4.173703463	7.061510478	4.832746033	5.729556691
ENSMUSG00000038600	5.65961481	4.869320706	9.886114669	4.832746033	7.161945863
ENSMUSG00000038605	15.56394073	32.69401046	30.36449505	15.30369577	21.48583759
ENSMUSG00000038607	9.904325918	19.47728283	21.18453143	39.46742593	31.5125618
ENSMUSG00000038608	36.78749627	55.6493795	35.30755239	78.12939419	73.76804239
ENSMUSG00000038611	153.5170517	185.7298041	161.7085899	218.2790291	169.738117
ENSMUSG00000038612	188.1821924	228.162456	203.3715018	385.8142249	313.6932288
ENSMUSG00000038615	53.05888884	86.95215547	83.32582364	124.0404815	105.9967988
ENSMUSG00000038618	11.31922962	16.69481385	11.29841676	10.47094974	12.89150255
ENSMUSG00000038619	62.25576291	96.69079689	85.44427678	151.4260424	115.3073284
ENSMUSG00000038624	8.489422215	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000038637	24.76081479	48.69320706	38.13215658	40.2728836	55.14698315
ENSMUSG00000038641	8.489422215	6.260555194	9.179963621	8.860034393	7.161945863
ENSMUSG00000038642	113.8997481	147.4708557	137.6994543	169.9515688	120.3206905
ENSMUSG00000038644	26.88317035	44.5195036	43.07521391	82.15668255	70.90326405
ENSMUSG00000038646	77.81970364	133.5585108	126.4010376	103.098582	104.5644096
ENSMUSG00000038650	29.0055259	44.5195036	39.54445867	33.82922223	30.79636721
ENSMUSG00000038651	12.02668147	7.651789682	5.649208382	4.832746033	6.445751277
ENSMUSG00000038658	99.75071103	132.1672763	117.2210739	153.0369577	126.7664418
ENSMUSG00000038664	84.89422215	137.036597	97.44884459	147.398754	125.3340526
ENSMUSG00000038665	5.65961481	6.260555194	9.179963621	6.443661377	3.580972932
ENSMUSG00000038668	7.074518513	6.260555194	4.943057334	2.416373016	3.580972932
ENSMUSG00000038670	12.73413332	16.69481385	13.41686991	14.4982381	12.89150255
ENSMUSG00000038671	69.33028142	125.2111039	112.2780166	224.7226905	165.4409494
ENSMUSG00000038677	1.414903703	4.173703463	4.236906287	4.02728836	7.161945863
ENSMUSG00000038679	1.414903703	2.782468975	3.530755239	0	2.148583759
ENSMUSG00000038683	97.62835547	103.6469693	126.4010376	147.398754	133.2121931
ENSMUSG00000038685	12.02668147	27.82468975	26.83373982	33.82922223	27.93158887
ENSMUSG00000038690	96.92090362	139.819066	115.1026208	160.2860767	132.4959985
ENSMUSG00000038695	0	0	1.412302096	0.805457672	2.148583759
ENSMUSG00000038696	33.25023701	65.38802092	58.61053696	52.35474869	52.99839939
ENSMUSG00000038697	69.33028142	92.51709342	103.804204	184.4498069	157.562809
ENSMUSG00000038704	5.65961481	3.478086219	2.824604191	2.416373016	4.297167518
ENSMUSG00000038705	88.43148141	130.0804246	117.2210739	153.8424154	146.1036956
ENSMUSG00000038708	97.62835547	157.9051143	123.5764334	119.2077355	124.617858
ENSMUSG00000038709	7.781970364	6.956172438	17.65377619	2.416373016	7.87814045
ENSMUSG00000038712	13.44158517	23.65098629	28.24604191	21.74735715	27.93158887
ENSMUSG00000038718	4.244711108	8.347406925	9.179963621	8.054576721	8.594335036

ENSMUSG00000038722	72.86754068	121.7330177	108.0411103	242.4427593	199.102095
ENSMUSG00000038729	6.367066661	5.56493795	6.35535943	11.27640741	9.310529622
ENSMUSG00000038732	9.904325918	4.869320706	9.179963621	4.02728836	5.729556691
ENSMUSG00000038733	186.7672887	212.1632594	219.6129759	447.029008	313.6932288
ENSMUSG00000038738	9.196874066	8.347406925	5.649208382	23.35827249	17.90486466
ENSMUSG00000038745	4.952162959	2.782468975	7.061510478	4.832746033	5.729556691
ENSMUSG00000038750	6.367066661	7.651789682	4.943057334	7.249119049	7.161945863
ENSMUSG00000038756	7.781970364	6.260555194	3.530755239	6.443661377	8.594335036
ENSMUSG00000038759	49.52162959	71.64857611	70.61510478	109.5422434	83.07857202
ENSMUSG00000038760	8.489422215	8.347406925	8.473812573	8.054576721	7.161945863
ENSMUSG00000038762	100.4581629	116.1680797	105.9226572	194.115299	151.1170577
ENSMUSG00000038763	3.537259256	1.391234488	0.706151048	1.610915344	7.161945863
ENSMUSG00000038764	4.244711108	4.869320706	7.767661525	4.02728836	7.161945863
ENSMUSG00000038766	48.10672589	65.38802092	50.13672439	98.265836	74.48423698
ENSMUSG00000038770	134.4158517	169.0349902	156.7655326	136.9278043	131.7798039
ENSMUSG00000038773	62.25576291	77.21351406	58.61053696	129.6786852	116.023523
ENSMUSG00000038775	3.537259256	2.086851731	5.649208382	4.02728836	7.87814045
ENSMUSG00000038776	9.196874066	8.347406925	12.00456781	9.665492065	10.7429188
ENSMUSG00000038777	7.781970364	6.260555194	9.886114669	8.860034393	7.161945863
ENSMUSG00000038780	17.68629628	32.69401046	32.4829482	18.52552646	17.90486466
ENSMUSG00000038784	85.601674	107.1250555	91.79963621	136.1223466	95.97007457
ENSMUSG00000038791	7.074518513	5.56493795	6.35535943	4.02728836	8.594335036
ENSMUSG00000038797	28.29807405	45.91073809	40.95676077	28.19101852	25.78300511
ENSMUSG00000038805	0	0	0	0	0
ENSMUSG00000038807	7.781970364	3.478086219	4.943057334	5.638203705	4.297167518
ENSMUSG00000038811	85.601674	100.1688831	122.8702823	78.93485187	75.20043157
ENSMUSG00000038812	55.88869625	76.51789682	79.7950684	114.3749894	100.2672421
ENSMUSG00000038816	9.904325918	9.043024169	4.236906287	9.665492065	18.62105924
ENSMUSG00000038822	17.68629628	31.30277597	19.06607829	25.77464551	30.08017263
ENSMUSG00000038827	45.98437033	105.0382038	75.55816211	167.5351958	141.0903335
ENSMUSG00000038828	31.12788146	56.34499675	48.01827125	46.71654498	57.29556691
ENSMUSG00000038831	10.61177777	20.86851731	21.89068248	12.88732275	12.89150255
ENSMUSG00000038836	6.367066661	13.21672763	9.179963621	5.638203705	9.310529622
ENSMUSG00000038838	7.781970364	18.78166558	10.59226572	14.4982381	18.62105924
ENSMUSG00000038843	64.37811846	87.64777272	80.50121945	61.21478308	53.71459398
ENSMUSG00000038845	19.10119998	20.17290007	19.06607829	36.24559524	24.35061594
ENSMUSG00000038848	93.38364437	137.7322143	115.8087718	198.948045	145.387501
ENSMUSG00000038855	51.64398514	83.47406925	72.02740687	100.682209	86.65954495
ENSMUSG00000038860	7.781970364	5.56493795	7.061510478	4.02728836	5.013362104
ENSMUSG00000038861	68.62282957	112.6899935	97.44884459	86.18397091	88.09193412
ENSMUSG00000038866	45.27691848	74.43104508	74.85201106	177.2006879	150.4008631
ENSMUSG00000038872	8.489422215	5.56493795	4.943057334	4.832746033	4.297167518
ENSMUSG00000038876	39.61730367	60.51870021	43.78136496	83.7675979	68.0384857

ENSMUSG00000038880	7.781970364	10.43425866	12.00456781	46.71654498	30.08017263
ENSMUSG00000038884	7.781970364	10.43425866	11.29841676	16.91461111	13.60769714
ENSMUSG00000038886	15.56394073	9.738641413	21.89068248	12.08186508	10.7429188
ENSMUSG00000038893	64.37811846	86.25653823	72.73355792	55.57657937	49.41742646
ENSMUSG00000038895	15.56394073	24.34660353	28.24604191	22.55281482	22.20203218
ENSMUSG00000038900	3.537259256	9.738641413	11.29841676	8.860034393	16.47247549
ENSMUSG00000038902	30.4204296	38.95456565	35.30755239	57.18749472	51.56601022
ENSMUSG00000038903	12.02668147	4.173703463	5.649208382	4.02728836	10.02672421
ENSMUSG00000038909	115.3146518	141.9059177	114.3964697	248.8864207	169.0219224
ENSMUSG00000038914	152.102148	223.9887525	165.9454962	282.7156429	234.9118243
ENSMUSG00000038925	5.65961481	4.869320706	5.649208382	2.416373016	2.864778345
ENSMUSG00000038930	19.10119998	40.34580014	37.42600553	41.07834128	39.39070225
ENSMUSG00000038932	7.074518513	4.173703463	2.824604191	5.638203705	6.445751277
ENSMUSG00000038936	7.074518513	7.651789682	4.236906287	4.832746033	4.297167518
ENSMUSG00000038943	51.64398514	48.69320706	49.43057334	135.3168889	80.21379367
ENSMUSG00000038954	9.904325918	11.1298759	18.35992724	12.88732275	15.7562809
ENSMUSG00000038957	73.57499253	107.1250555	80.50121945	89.4058016	96.68626916
ENSMUSG00000038963	55.1812444	41.04141738	48.01827125	44.30017197	37.24211849
ENSMUSG00000038965	53.05888884	76.51789682	64.25974535	109.5422434	88.09193412
ENSMUSG00000038967	9.196874066	11.82549314	9.886114669	4.02728836	5.013362104
ENSMUSG00000038975	2.122355554	1.391234488	2.824604191	4.02728836	1.432389173
ENSMUSG00000038976	38.20239997	53.56252777	63.5535943	45.10562964	48.70123187
ENSMUSG00000038982	18.39374813	18.78166558	12.00456781	9.665492065	13.60769714
ENSMUSG00000038990	53.7663407	85.56092098	86.15042783	55.57657937	45.83645353
ENSMUSG00000038991	67.20792587	70.25734162	76.97046421	94.23854763	83.7947666
ENSMUSG00000039001	0	1.391234488	0	0	1.432389173
ENSMUSG00000039005	41.73965922	63.30116918	45.19366706	46.71654498	44.40406435
ENSMUSG00000039013	9.904325918	6.956172438	7.767661525	8.054576721	8.594335036
ENSMUSG00000039018	10.61177777	15.99919661	11.29841676	18.52552646	17.18867007
ENSMUSG00000039021	10.61177777	7.651789682	7.767661525	10.47094974	4.297167518
ENSMUSG00000039031	5.65961481	6.956172438	2.824604191	3.221830688	6.445751277
ENSMUSG00000039033	19.10119998	35.47647943	29.65834401	29.80193387	34.37734014
ENSMUSG00000039041	44.56946663	84.1696865	88.26888097	230.3608942	158.2790036
ENSMUSG00000039046	84.89422215	92.51709342	84.73812573	73.29664816	74.48423698
ENSMUSG00000039047	26.88317035	44.5195036	48.7244223	53.16020636	60.87653984
ENSMUSG00000039048	37.49494812	46.60635533	52.25517753	118.4022778	111.0101609
ENSMUSG00000039058	8.489422215	6.956172438	4.943057334	4.02728836	10.7429188
ENSMUSG00000039059	10.61177777	11.1298759	12.00456781	8.860034393	8.594335036
ENSMUSG00000039062	12.02668147	6.956172438	6.35535943	7.249119049	4.297167518
ENSMUSG00000039065	114.6071999	132.1672763	132.0502459	240.831844	166.8733386
ENSMUSG00000039068	26.88317035	43.82388636	50.13672439	78.93485187	61.59273443
ENSMUSG00000039069	18.39374813	17.39043109	21.18453143	20.1364418	21.48583759
ENSMUSG00000039081	6.367066661	3.478086219	4.943057334	7.249119049	10.7429188

ENSMUSG00000039087	8.489422215	9.043024169	8.473812573	8.054576721	8.594335036
ENSMUSG00000039089	12.73413332	16.69481385	12.00456781	8.860034393	16.47247549
ENSMUSG00000039096	10.61177777	16.69481385	14.12302096	16.91461111	13.60769714
ENSMUSG00000039103	7.781970364	8.347406925	7.061510478	2.416373016	8.594335036
ENSMUSG00000039108	33.95768886	41.04141738	50.84287544	28.19101852	54.43078856
ENSMUSG00000039109	5.65961481	4.173703463	7.061510478	7.249119049	6.445751277
ENSMUSG00000039110	11.31922962	4.173703463	12.71071886	4.832746033	2.864778345
ENSMUSG00000039114	9.196874066	4.173703463	6.35535943	5.638203705	6.445751277
ENSMUSG00000039115	7.781970364	9.043024169	14.829172	6.443661377	5.729556691
ENSMUSG00000039126	8.489422215	3.478086219	5.649208382	4.02728836	3.580972932
ENSMUSG00000039128	67.20792587	114.081228	85.44427678	124.8459392	121.7530797
ENSMUSG00000039130	35.37259256	66.7792554	53.66747963	57.18749472	67.32229112
ENSMUSG00000039131	8.489422215	4.869320706	3.530755239	7.249119049	7.161945863
ENSMUSG00000039133	7.781970364	5.56493795	4.943057334	6.443661377	8.594335036
ENSMUSG00000039137	22.63845924	30.60715873	35.30755239	18.52552646	34.37734014
ENSMUSG00000039145	21.93100739	41.04141738	38.13215658	27.38556085	27.21539428
ENSMUSG00000039153	5.65961481	16.69481385	13.41686991	8.054576721	9.310529622
ENSMUSG00000039155	5.65961481	5.56493795	9.179963621	6.443661377	10.7429188
ENSMUSG00000039156	29.0055259	50.08444155	46.60596915	63.6311561	62.30892901
ENSMUSG00000039157	16.27139258	35.47647943	34.60140134	33.02376456	37.24211849
ENSMUSG00000039158	98.33580733	97.38641413	103.098053	295.6029657	200.5344842
ENSMUSG00000039159	69.33028142	96.69079689	79.08891735	94.23854763	72.33565322
ENSMUSG00000039163	9.904325918	13.21672763	9.886114669	10.47094974	10.7429188
ENSMUSG00000039166	7.781970364	3.478086219	4.943057334	4.832746033	10.7429188
ENSMUSG00000039167	6.367066661	12.52111039	7.767661525	5.638203705	2.148583759
ENSMUSG00000039168	17.68629628	22.2597518	16.2414741	17.72006879	20.05344842
ENSMUSG00000039174	5.65961481	7.651789682	4.943057334	4.02728836	5.013362104
ENSMUSG00000039176	22.63845924	27.82468975	40.25060972	52.35474869	52.2822048
ENSMUSG00000039179	7.074518513	11.1298759	7.767661525	10.47094974	7.87814045
ENSMUSG00000039187	16.27139258	17.39043109	17.65377619	16.91461111	13.60769714
ENSMUSG00000039191	8.489422215	6.956172438	9.179963621	11.27640741	6.445751277
ENSMUSG00000039194	4.952162959	4.173703463	10.59226572	8.860034393	7.161945863
ENSMUSG00000039197	26.88317035	35.47647943	43.78136496	86.98942859	65.88990194
ENSMUSG00000039200	7.781970364	10.43425866	7.061510478	4.02728836	7.87814045
ENSMUSG00000039202	49.52162959	99.47326586	70.61510478	80.54576721	61.59273443
ENSMUSG00000039205	4.952162959	4.173703463	6.35535943	8.054576721	9.310529622
ENSMUSG00000039206	18.39374813	33.3896277	26.12758877	38.66196826	37.24211849
ENSMUSG00000039208	6.367066661	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000039209	8.489422215	6.260555194	6.35535943	3.221830688	14.32389173
ENSMUSG00000039210	48.10672589	94.60394515	64.96589639	55.57657937	58.72795608
ENSMUSG00000039218	0	0	0.706151048	0	0.716194586
ENSMUSG00000039219	75.69734809	106.4294383	106.6288082	223.1117752	164.7247549
ENSMUSG00000039220	33.25023701	47.30197258	41.66291182	102.2931244	73.76804239

ENSMUSG00000039221	23.34591109	29.21592424	31.77679715	86.98942859	60.87653984
ENSMUSG00000039230	11.31922962	15.99919661	21.18453143	41.07834128	29.36397804
ENSMUSG00000039231	22.63845924	35.47647943	36.71985448	76.51847885	70.18706946
ENSMUSG00000039232	14.14903703	18.78166558	21.89068248	38.66196826	32.22875639
ENSMUSG00000039233	89.13893326	98.08203137	100.9795998	130.4841429	104.5644096
ENSMUSG00000039234	8.489422215	9.738641413	2.118453143	13.69278043	9.310529622
ENSMUSG00000039236	12.73413332	20.86851731	24.00913562	55.57657937	37.24211849
ENSMUSG00000039239	10.61177777	4.869320706	11.29841676	4.02728836	2.864778345
ENSMUSG00000039242	28.29807405	43.12826911	31.77679715	34.6346799	47.98503729
ENSMUSG00000039244	29.71297775	45.21512085	43.78136496	66.85298678	47.98503729
ENSMUSG00000039252	7.781970364	4.869320706	9.179963621	11.27640741	7.161945863
ENSMUSG00000039254	19.10119998	31.30277597	21.89068248	49.132918	30.08017263
ENSMUSG00000039257	8.489422215	7.651789682	2.824604191	5.638203705	4.297167518
ENSMUSG00000039262	88.43148141	93.90832791	85.44427678	137.7332619	116.023523
ENSMUSG00000039263	19.80865184	24.34660353	15.53532305	53.96566403	37.24211849
ENSMUSG00000039278	3.537259256	2.086851731	7.767661525	2.416373016	2.148583759
ENSMUSG00000039285	25.46826665	34.08524495	28.24604191	53.16020636	51.56601022
ENSMUSG00000039286	17.68629628	9.738641413	9.886114669	10.47094974	15.7562809
ENSMUSG00000039294	67.91537772	90.43024169	76.97046421	110.3477011	73.76804239
ENSMUSG00000039296	8.489422215	5.56493795	9.179963621	4.832746033	9.310529622
ENSMUSG00000039298	7.781970364	19.47728283	16.2414741	25.77464551	22.20203218
ENSMUSG00000039304	8.489422215	13.21672763	15.53532305	8.054576721	5.729556691
ENSMUSG00000039307	8.489422215	19.47728283	16.2414741	16.10915344	20.05344842
ENSMUSG00000039313	11.31922962	3.478086219	5.649208382	8.054576721	9.310529622
ENSMUSG00000039315	7.781970364	4.869320706	6.35535943	4.02728836	5.729556691
ENSMUSG00000039316	108.9475851	130.0804246	133.462548	258.5519127	189.7915654
ENSMUSG00000039318	99.75071103	116.863697	105.9226572	111.9586164	101.6996313
ENSMUSG00000039323	9.196874066	4.869320706	4.943057334	6.443661377	8.594335036
ENSMUSG00000039328	62.96321476	114.7768452	112.2780166	45.91108731	61.59273443
ENSMUSG00000039335	10.61177777	7.651789682	11.29841676	3.221830688	5.013362104
ENSMUSG00000039345	16.97884443	29.21592424	18.35992724	31.41284921	32.22875639
ENSMUSG00000039354	44.56946663	51.47567604	45.19366706	47.52200265	46.55264811
ENSMUSG00000039356	39.61730367	50.08444155	61.43514116	171.5624842	123.1854689
ENSMUSG00000039361	187.4747406	171.121842	194.1915381	273.8556085	206.9802355
ENSMUSG00000039364	12.73413332	3.478086219	4.236906287	5.638203705	9.310529622
ENSMUSG00000039367	83.47931845	134.254128	120.7518292	161.0915344	123.9016634
ENSMUSG00000039375	8.489422215	6.956172438	7.767661525	4.02728836	5.729556691
ENSMUSG00000039376	5.65961481	6.260555194	8.473812573	8.054576721	6.445751277
ENSMUSG00000039382	30.4204296	41.04141738	35.30755239	22.55281482	21.48583759
ENSMUSG00000039391	14.14903703	5.56493795	9.886114669	9.665492065	6.445751277
ENSMUSG00000039396	30.4204296	25.73783802	36.01370344	33.82922223	32.94495097
ENSMUSG00000039410	6.367066661	3.478086219	4.236906287	4.02728836	2.148583759
ENSMUSG00000039419	11.31922962	7.651789682	7.767661525	1.610915344	8.594335036

ENSMUSG00000039427	12.73413332	18.08604834	29.65834401	36.24559524	33.66114556
ENSMUSG00000039428	55.1812444	99.47326586	84.73812573	63.6311561	61.59273443
ENSMUSG00000039431	17.68629628	22.2597518	16.2414741	11.27640741	21.48583759
ENSMUSG00000039449	139.3680147	131.4716591	151.8224753	162.7024498	143.9551119
ENSMUSG00000039450	5.65961481	9.738641413	12.00456781	10.47094974	5.013362104
ENSMUSG00000039458	52.35143699	82.77845201	66.37819849	86.18397091	73.76804239
ENSMUSG00000039461	87.72402956	109.9075245	103.098053	191.698926	156.8466144
ENSMUSG00000039463	42.44711108	76.51789682	67.08434954	132.9005159	98.83485292
ENSMUSG00000039470	12.02668147	7.651789682	5.649208382	8.054576721	8.594335036
ENSMUSG00000039474	18.39374813	27.12907251	13.41686991	23.35827249	22.20203218
ENSMUSG00000039476	45.98437033	46.60635533	57.19823487	38.66196826	47.98503729
ENSMUSG00000039477	21.93100739	29.91154148	18.35992724	16.91461111	20.769643
ENSMUSG00000039478	16.97884443	31.30277597	27.53989086	32.21830688	28.64778345
ENSMUSG00000039480	33.95768886	81.38721752	60.02283906	41.88379895	41.53928601
ENSMUSG00000039483	11.31922962	14.60796212	12.00456781	12.08186508	7.161945863
ENSMUSG00000039488	11.31922962	11.1298759	4.943057334	2.416373016	5.729556691
ENSMUSG00000039501	58.0110518	98.08203137	71.32125582	377.7596482	242.7899648
ENSMUSG00000039512	9.196874066	12.52111039	12.00456781	20.94189947	21.48583759
ENSMUSG00000039515	69.33028142	105.7338211	89.68118307	129.6786852	118.8883013
ENSMUSG00000039521	2.122355554	6.260555194	7.061510478	3.221830688	3.580972932
ENSMUSG00000039523	53.05888884	94.60394515	90.38733411	81.35122488	99.5510475
ENSMUSG00000039530	21.93100739	39.6501829	38.13215658	32.21830688	30.08017263
ENSMUSG00000039536	61.54831106	92.51709342	83.32582364	118.4022778	108.1453825
ENSMUSG00000039539	6.367066661	2.782468975	6.35535943	1.610915344	6.445751277
ENSMUSG00000039542	9.196874066	6.956172438	5.649208382	5.638203705	6.445751277
ENSMUSG00000039543	8.489422215	9.043024169	6.35535943	5.638203705	3.580972932
ENSMUSG00000039552	9.196874066	11.1298759	5.649208382	5.638203705	5.013362104
ENSMUSG00000039555	10.61177777	9.738641413	7.767661525	5.638203705	4.297167518
ENSMUSG00000039556	6.367066661	21.56413456	21.89068248	23.35827249	30.79636721
ENSMUSG00000039577	13.44158517	16.69481385	19.06607829	17.72006879	28.64778345
ENSMUSG00000039578	7.074518513	7.651789682	5.649208382	3.221830688	4.297167518
ENSMUSG00000039579	7.074518513	6.956172438	7.061510478	5.638203705	5.729556691
ENSMUSG00000039585	16.27139258	33.3896277	19.77222934	20.94189947	21.48583759
ENSMUSG00000039599	65.79302217	95.2995624	83.32582364	132.9005159	103.848215
ENSMUSG00000039601	10.61177777	4.173703463	7.767661525	4.02728836	8.594335036
ENSMUSG00000039607	10.61177777	8.347406925	7.061510478	8.054576721	7.161945863
ENSMUSG00000039620	8.489422215	4.173703463	5.649208382	1.610915344	7.161945863
ENSMUSG00000039621	33.25023701	59.82308296	59.31668801	83.7675979	48.70123187
ENSMUSG00000039623	14.14903703	25.04222078	16.94762515	19.33098413	26.49919969
ENSMUSG00000039629	7.781970364	7.651789682	4.943057334	8.054576721	4.297167518
ENSMUSG00000039630	0	0.695617244	0	0	0
ENSMUSG00000039632	13.44158517	14.60796212	12.71071886	36.24559524	28.64778345
ENSMUSG00000039634	60.84085921	109.9075245	91.79963621	123.2350238	113.1587446

ENSMUSG00000039637	56.5961481	79.30036579	84.03197468	113.5695318	82.36237743
ENSMUSG00000039648	13.44158517	18.08604834	16.94762515	12.08186508	5.729556691
ENSMUSG00000039652	52.35143699	73.73542784	84.73812573	98.265836	92.38910164
ENSMUSG00000039656	71.45263698	82.77845201	100.9795998	244.0536746	187.6429816
ENSMUSG00000039660	14.85648888	20.86851731	17.65377619	24.16373016	22.91822676
ENSMUSG00000039661	6.367066661	5.56493795	4.236906287	10.47094974	7.161945863
ENSMUSG00000039662	45.27691848	57.73623123	50.13672439	44.30017197	31.5125618
ENSMUSG00000039671	10.61177777	11.82549314	10.59226572	5.638203705	7.87814045
ENSMUSG00000039672	10.61177777	5.56493795	11.29841676	5.638203705	11.45911338
ENSMUSG00000039678	31.12788146	55.6493795	60.02283906	43.49471429	50.13362104
ENSMUSG00000039682	11.31922962	8.347406925	7.767661525	45.10562964	45.12025894
ENSMUSG00000039683	4.952162959	6.260555194	8.473812573	4.02728836	3.580972932
ENSMUSG00000039684	11.31922962	13.21672763	7.767661525	10.47094974	5.729556691
ENSMUSG00000039686	63.67066661	87.64777272	68.49665163	33.02376456	49.41742646
ENSMUSG00000039691	9.196874066	6.260555194	4.236906287	11.27640741	6.445751277
ENSMUSG00000039693	6.367066661	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000039697	7.781970364	11.1298759	12.00456781	19.33098413	12.89150255
ENSMUSG00000039699	4.952162959	4.869320706	9.886114669	10.47094974	10.7429188
ENSMUSG00000039701	16.97884443	28.52030699	16.2414741	33.02376456	24.35061594
ENSMUSG00000039703	67.20792587	100.1688831	84.03197468	161.0915344	100.9834367
ENSMUSG00000039706	9.904325918	9.043024169	9.886114669	6.443661377	6.445751277
ENSMUSG00000039710	12.02668147	2.782468975	7.061510478	4.02728836	7.87814045
ENSMUSG00000039713	10.61177777	2.782468975	11.29841676	7.249119049	10.7429188
ENSMUSG00000039716	0.707451851	0	0	0	0
ENSMUSG00000039717	7.781970364	9.738641413	4.236906287	8.054576721	7.87814045
ENSMUSG00000039728	9.196874066	4.869320706	5.649208382	4.02728836	5.013362104
ENSMUSG00000039735	9.904325918	6.956172438	7.767661525	6.443661377	10.7429188
ENSMUSG00000039737	45.98437033	51.47567604	50.13672439	113.5695318	86.65954495
ENSMUSG00000039738	30.4204296	47.30197258	42.36906287	48.32746033	50.84981563
ENSMUSG00000039741	4.952162959	9.043024169	4.943057334	5.638203705	5.013362104
ENSMUSG00000039742	5.65961481	10.43425866	7.767661525	3.221830688	8.594335036
ENSMUSG00000039747	43.86201478	61.21431745	69.20280268	31.41284921	29.36397804
ENSMUSG00000039748	14.14903703	9.738641413	16.2414741	42.68925662	39.39070225
ENSMUSG00000039753	16.27139258	22.95536904	24.00913562	7.249119049	10.02672421
ENSMUSG00000039754	59.42595551	88.34338996	73.43970897	86.18397091	73.76804239
ENSMUSG00000039756	21.22355554	34.78086219	33.89525029	146.5932963	111.0101609
ENSMUSG00000039759	55.1812444	59.82308296	69.90895373	33.02376456	32.22875639
ENSMUSG00000039765	6.367066661	6.260555194	6.35535943	7.249119049	7.161945863
ENSMUSG00000039768	120.9742666	107.8206728	161.7085899	256.9409974	163.2923657
ENSMUSG00000039771	79.23460734	87.64777272	86.15042783	107.1258704	108.1453825
ENSMUSG00000039774	15.56394073	28.52030699	25.42143772	20.94189947	17.18867007
ENSMUSG00000039781	14.14903703	10.43425866	8.473812573	8.054576721	13.60769714
ENSMUSG00000039782	11.31922962	14.60796212	14.12302096	52.35474869	47.2688427



ENSMUSG00000039783	99.75071103	140.5146832	138.4056054	100.682209	100.2672421
ENSMUSG00000039787	9.196874066	8.347406925	12.00456781	6.443661377	7.161945863
ENSMUSG00000039795	9.196874066	23.65098629	23.30298458	12.08186508	22.20203218
ENSMUSG00000039804	78.52715549	127.2979556	105.9226572	115.9859048	110.2939663
ENSMUSG00000039809	6.367066661	3.478086219	3.530755239	4.832746033	10.02672421
ENSMUSG00000039810	15.56394073	31.30277597	26.12758877	23.35827249	37.24211849
ENSMUSG00000039813	12.02668147	11.82549314	11.29841676	14.4982381	11.45911338
ENSMUSG00000039814	7.781970364	6.956172438	7.061510478	8.860034393	7.87814045
ENSMUSG00000039826	22.63845924	35.47647943	29.65834401	86.98942859	54.43078856
ENSMUSG00000039831	4.952162959	8.347406925	3.530755239	5.638203705	5.013362104
ENSMUSG00000039834	45.98437033	60.51870021	62.84744325	136.1223466	103.1320204
ENSMUSG00000039835	6.367066661	0.695617244	6.35535943	4.832746033	6.445751277
ENSMUSG00000039838	9.196874066	2.782468975	8.473812573	5.638203705	6.445751277
ENSMUSG00000039841	12.02668147	9.043024169	7.767661525	8.860034393	6.445751277
ENSMUSG00000039842	24.76081479	20.86851731	23.30298458	59.60386773	55.14698315
ENSMUSG00000039844	174.0331554	182.9473351	175.1254598	275.4665239	206.2640409
ENSMUSG00000039850	33.25023701	56.34499675	55.78593277	50.74383334	47.2688427
ENSMUSG00000039851	6.367066661	5.56493795	10.59226572	4.832746033	6.445751277
ENSMUSG00000039852	24.76081479	55.6493795	40.25060972	41.88379895	47.2688427
ENSMUSG00000039853	35.37259256	41.73703463	51.54902649	83.7675979	74.48423698
ENSMUSG00000039860	9.196874066	5.56493795	7.061510478	5.638203705	7.87814045
ENSMUSG00000039878	12.02668147	9.738641413	9.179963621	7.249119049	10.7429188
ENSMUSG00000039887	23.34591109	33.3896277	34.60140134	23.35827249	18.62105924
ENSMUSG00000039903	3.537259256	2.086851731	7.767661525	8.054576721	7.87814045
ENSMUSG00000039908	18.39374813	22.95536904	26.12758877	13.69278043	21.48583759
ENSMUSG00000039910	16.27139258	26.43345526	28.95219296	132.9005159	81.64618284
ENSMUSG00000039911	4.244711108	3.478086219	9.179963621	33.82922223	24.35061594
ENSMUSG00000039913	7.781970364	7.651789682	9.886114669	4.02728836	5.013362104
ENSMUSG00000039917	30.4204296	35.47647943	31.77679715	32.21830688	37.95831308
ENSMUSG00000039929	23.34591109	37.56333116	34.60140134	62.82569842	65.17370736
ENSMUSG00000039934	16.27139258	20.17290007	18.35992724	12.08186508	17.18867007
ENSMUSG00000039936	84.1867703	112.6899935	96.74269354	163.5079074	116.7397176
ENSMUSG00000039942	19.10119998	16.69481385	31.77679715	108.7367857	85.22715578
ENSMUSG00000039943	9.904325918	5.56493795	4.943057334	4.832746033	5.729556691
ENSMUSG00000039952	19.80865184	36.86771392	33.89525029	25.77464551	28.64778345
ENSMUSG00000039953	10.61177777	9.043024169	8.473812573	11.27640741	5.729556691
ENSMUSG00000039958	11.31922962	8.347406925	14.829172	9.665492065	9.310529622
ENSMUSG00000039959	9.196874066	15.30357936	14.12302096	14.4982381	12.17530797
ENSMUSG00000039963	7.074518513	4.173703463	7.767661525	2.416373016	7.161945863
ENSMUSG00000039967	171.203348	209.3807904	185.0115745	207.0026217	157.562809
ENSMUSG00000039977	10.61177777	8.347406925	9.886114669	4.02728836	7.161945863
ENSMUSG00000039983	30.4204296	40.34580014	44.48751601	32.21830688	38.67450766
ENSMUSG00000039985	32.54278516	52.86691053	52.25517753	120.8186508	138.2255552

ENSMUSG00000039987	111.0699406	152.3401764	141.9363606	187.6716376	170.4543116
ENSMUSG00000039988	59.42595551	88.34338996	68.49665163	135.3168889	147.5360848
ENSMUSG00000039990	41.03220737	60.51870021	62.84744325	84.57305557	77.34901533
ENSMUSG00000039994	23.34591109	26.43345526	33.89525029	46.71654498	35.09353473
ENSMUSG00000039997	0.707451851	2.086851731	1.412302096	0.805457672	0.716194586
ENSMUSG00000040003	4.952162959	7.651789682	4.236906287	6.443661377	7.161945863
ENSMUSG00000040006	19.80865184	37.56333116	33.18909925	24.16373016	33.66114556
ENSMUSG00000040010	27.5906222	36.86771392	38.13215658	256.9409974	183.3458141
ENSMUSG00000040016	6.367066661	4.869320706	6.35535943	4.02728836	5.729556691
ENSMUSG00000040021	181.8151258	219.815049	216.0822206	368.0941561	259.2624403
ENSMUSG00000040022	23.34591109	30.60715873	33.18909925	20.1364418	19.33725383
ENSMUSG00000040025	83.47931845	116.863697	86.85657888	235.1936403	186.926787
ENSMUSG00000040028	130.1711406	152.3401764	161.0024389	235.1936403	201.2506788
ENSMUSG00000040029	31.83533331	59.82308296	54.37363068	57.18749472	58.01176149
ENSMUSG00000040033	80.64951104	94.60394515	100.2734488	153.0369577	107.429188
ENSMUSG00000040034	30.4204296	28.52030699	33.18909925	44.30017197	44.40406435
ENSMUSG00000040035	7.074518513	1.391234488	2.824604191	7.249119049	7.161945863
ENSMUSG00000040037	6.367066661	4.869320706	2.824604191	4.02728836	5.013362104
ENSMUSG00000040040	7.781970364	13.21672763	13.41686991	12.08186508	9.310529622
ENSMUSG00000040043	9.904325918	10.43425866	12.00456781	7.249119049	11.45911338
ENSMUSG00000040044	81.3569629	143.2971522	130.6379438	132.9005159	135.3607768
ENSMUSG00000040046	12.73413332	4.173703463	8.473812573	4.832746033	10.02672421
ENSMUSG00000040048	39.61730367	46.60635533	52.96132858	96.65492065	73.05184781
ENSMUSG00000040054	25.46826665	40.34580014	38.83830763	49.93837567	50.13362104
ENSMUSG00000040061	19.10119998	27.82468975	33.18909925	19.33098413	21.48583759
ENSMUSG00000040086	11.31922962	7.651789682	9.179963621	4.832746033	7.87814045
ENSMUSG00000040093	5.65961481	27.12907251	14.829172	12.08186508	12.17530797
ENSMUSG00000040097	13.44158517	40.34580014	24.71528667	37.05105292	29.36397804
ENSMUSG00000040102	85.601674	109.9075245	101.6857509	139.3441773	112.4425501
ENSMUSG00000040111	9.196874066	4.173703463	7.767661525	1.610915344	8.594335036
ENSMUSG00000040113	4.952162959	7.651789682	9.179963621	4.832746033	12.17530797
ENSMUSG00000040118	9.196874066	7.651789682	4.943057334	4.02728836	7.161945863
ENSMUSG00000040123	54.47379255	91.82147618	62.1412922	65.24207144	67.32229112
ENSMUSG00000040127	6.367066661	6.956172438	7.767661525	4.832746033	4.297167518
ENSMUSG00000040136	8.489422215	9.738641413	4.236906287	6.443661377	6.445751277
ENSMUSG00000040139	6.367066661	15.30357936	20.47838039	10.47094974	11.45911338
ENSMUSG00000040140	3.537259256	7.651789682	5.649208382	2.416373016	8.594335036
ENSMUSG00000040147	4.952162959	4.869320706	2.118453143	1.610915344	6.445751277
ENSMUSG00000040154	4.952162959	5.56493795	5.649208382	9.665492065	7.161945863
ENSMUSG00000040158	66.50047402	105.7338211	103.804204	156.2587884	130.3474147
ENSMUSG00000040163	13.44158517	8.347406925	5.649208382	5.638203705	6.445751277
ENSMUSG00000040165	21.22355554	11.1298759	12.71071886	9.665492065	13.60769714
ENSMUSG00000040167	88.43148141	115.4724625	106.6288082	86.98942859	83.7947666

ENSMUSG00000040170	11.31922962	9.043024169	9.886114669	3.221830688	8.594335036
ENSMUSG00000040174	25.46826665	33.3896277	38.83830763	42.68925662	43.68786977
ENSMUSG00000040177	14.14903703	19.47728283	22.59683353	28.9964762	24.35061594
ENSMUSG00000040181	12.73413332	4.869320706	5.649208382	6.443661377	8.594335036
ENSMUSG00000040183	8.489422215	8.347406925	10.59226572	7.249119049	5.013362104
ENSMUSG00000040187	8.489422215	5.56493795	4.236906287	9.665492065	7.87814045
ENSMUSG00000040188	43.15456293	64.69240367	55.07978173	83.7675979	73.05184781
ENSMUSG00000040189	7.074518513	15.30357936	4.236906287	6.443661377	5.729556691
ENSMUSG00000040195	9.196874066	13.91234488	13.41686991	28.19101852	29.36397804
ENSMUSG00000040209	9.196874066	6.956172438	5.649208382	2.416373016	7.87814045
ENSMUSG00000040212	72.86754068	79.30036579	66.37819849	78.12939419	55.86317773
ENSMUSG00000040213	12.02668147	15.99919661	14.829172	12.08186508	22.20203218
ENSMUSG00000040220	12.02668147	13.21672763	14.829172	16.91461111	17.18867007
ENSMUSG00000040225	138.6605628	162.0788178	121.4579802	273.0501508	206.2640409
ENSMUSG00000040229	4.952162959	16.69481385	7.767661525	4.02728836	7.87814045
ENSMUSG00000040231	7.074518513	10.43425866	9.886114669	7.249119049	10.7429188
ENSMUSG00000040234	7.074518513	6.956172438	12.71071886	6.443661377	11.45911338
ENSMUSG00000040242	118.851911	153.7314109	152.5286263	169.1461111	152.5494469
ENSMUSG00000040249	6.367066661	3.478086219	6.35535943	9.665492065	7.161945863
ENSMUSG00000040250	118.1444592	173.2086937	154.6470795	204.5862487	161.1437819
ENSMUSG00000040253	10.61177777	21.56413456	14.829172	70.88027514	67.32229112
ENSMUSG00000040254	9.196874066	10.43425866	10.59226572	4.832746033	8.594335036
ENSMUSG00000040263	139.3680147	159.2963488	144.0548137	254.5246244	199.8182896
ENSMUSG00000040265	8.489422215	5.56493795	12.71071886	6.443661377	9.310529622
ENSMUSG00000040268	38.20239997	50.08444155	45.19366706	26.58010318	35.80972932
ENSMUSG00000040272	9.904325918	13.21672763	12.00456781	12.08186508	6.445751277
ENSMUSG00000040274	32.54278516	48.69320706	38.83830763	59.60386773	54.43078856
ENSMUSG00000040276	22.63845924	26.43345526	32.4829482	20.1364418	15.04008631
ENSMUSG00000040280	10.61177777	7.651789682	6.35535943	12.08186508	7.87814045
ENSMUSG00000040282	14.85648888	30.60715873	21.18453143	19.33098413	18.62105924
ENSMUSG00000040283	12.02668147	6.956172438	9.886114669	10.47094974	8.594335036
ENSMUSG00000040296	50.93653329	82.77845201	65.67204744	63.6311561	68.0384857
ENSMUSG00000040297	70.03773327	118.9505487	83.32582364	163.5079074	133.2121931
ENSMUSG00000040302	31.83533331	61.21431745	60.02283906	66.04752911	53.71459398
ENSMUSG00000040310	6.367066661	8.347406925	4.943057334	2.416373016	4.297167518
ENSMUSG00000040312	7.781970364	12.52111039	14.12302096	27.38556085	21.48583759
ENSMUSG00000040322	14.85648888	9.738641413	14.829172	11.27640741	12.17530797
ENSMUSG00000040325	11.31922962	15.99919661	16.94762515	91.01671695	66.60609653
ENSMUSG00000040327	14.85648888	18.78166558	12.00456781	14.4982381	13.60769714
ENSMUSG00000040328	65.08557032	71.64857611	74.85201106	91.01671695	59.44415067
ENSMUSG00000040329	11.31922962	5.56493795	9.179963621	4.02728836	5.013362104
ENSMUSG00000040331	10.61177777	7.651789682	5.649208382	6.443661377	5.013362104
ENSMUSG00000040339	7.074518513	18.08604834	14.12302096	4.832746033	7.161945863

ENSMUSG00000040340	5.65961481	7.651789682	9.886114669	6.443661377	2.864778345
ENSMUSG00000040345	29.0055259	47.30197258	38.13215658	23.35827249	20.05344842
ENSMUSG00000040350	8.489422215	7.651789682	9.179963621	16.91461111	17.90486466
ENSMUSG00000040351	61.54831106	116.1680797	86.85657888	169.1461111	150.4008631
ENSMUSG00000040354	24.76081479	32.69401046	32.4829482	94.23854763	63.0251236
ENSMUSG00000040356	31.12788146	52.17129328	48.7244223	76.51847885	68.75468029
ENSMUSG00000040359	7.781970364	20.17290007	19.06607829	20.1364418	21.48583759
ENSMUSG00000040363	4.244711108	4.173703463	2.118453143	5.638203705	2.148583759
ENSMUSG00000040365	29.0055259	33.3896277	36.71985448	95.04400531	71.61945863
ENSMUSG00000040370	17.68629628	25.73783802	19.06607829	17.72006879	30.79636721
ENSMUSG00000040373	13.44158517	4.869320706	9.179963621	6.443661377	9.310529622
ENSMUSG00000040374	29.71297775	43.82388636	36.01370344	62.02024075	54.43078856
ENSMUSG00000040380	12.02668147	22.2597518	17.65377619	15.30369577	15.04008631
ENSMUSG00000040383	57.30359995	94.60394515	84.73812573	123.2350238	100.2672421
ENSMUSG00000040387	7.781970364	9.043024169	10.59226572	7.249119049	7.161945863
ENSMUSG00000040389	17.68629628	34.08524495	26.12758877	23.35827249	19.33725383
ENSMUSG00000040390	12.73413332	20.86851731	21.18453143	16.91461111	11.45911338
ENSMUSG00000040396	111.0699406	152.3401764	131.3440949	152.2315	129.6312201
ENSMUSG00000040405	16.97884443	11.1298759	5.649208382	8.860034393	8.594335036
ENSMUSG00000040407	53.7663407	66.7792554	69.90895373	66.85298678	74.48423698
ENSMUSG00000040410	19.80865184	24.34660353	40.25060972	33.02376456	38.67450766
ENSMUSG00000040412	9.196874066	3.478086219	9.886114669	5.638203705	2.864778345
ENSMUSG00000040413	10.61177777	10.43425866	8.473812573	8.860034393	10.02672421
ENSMUSG00000040415	9.196874066	11.82549314	7.767661525	11.27640741	16.47247549
ENSMUSG00000040420	8.489422215	5.56493795	3.530755239	5.638203705	7.87814045
ENSMUSG00000040423	87.72402956	136.3409798	102.3919019	172.3679418	133.2121931
ENSMUSG00000040424	11.31922962	4.869320706	9.886114669	6.443661377	5.729556691
ENSMUSG00000040428	22.63845924	29.21592424	33.89525029	121.6241085	91.67290705
ENSMUSG00000040430	16.97884443	29.91154148	34.60140134	17.72006879	14.32389173
ENSMUSG00000040433	8.489422215	5.56493795	8.473812573	11.27640741	10.02672421
ENSMUSG00000040434	19.80865184	23.65098629	26.12758877	50.74383334	40.10689684
ENSMUSG00000040435	25.46826665	40.34580014	32.4829482	150.6205847	89.52432329
ENSMUSG00000040441	6.367066661	2.086851731	5.649208382	8.860034393	7.87814045
ENSMUSG00000040447	24.05336294	38.25894841	59.31668801	19.33098413	19.33725383
ENSMUSG00000040451	3.537259256	5.56493795	9.886114669	17.72006879	12.17530797
ENSMUSG00000040455	16.97884443	43.82388636	33.89525029	32.21830688	35.09353473
ENSMUSG00000040459	1.414903703	3.478086219	1.412302096	1.610915344	0
ENSMUSG00000040462	36.08004441	47.99758982	40.25060972	29.80193387	32.22875639
ENSMUSG00000040463	71.45263698	94.60394515	87.56272992	281.1047276	186.2105924
ENSMUSG00000040464	10.61177777	20.17290007	23.30298458	20.94189947	14.32389173
ENSMUSG00000040466	34.66514071	58.43184848	54.37363068	28.9964762	21.48583759
ENSMUSG00000040467	12.73413332	15.30357936	9.886114669	22.55281482	23.63442135
ENSMUSG00000040471	11.31922962	7.651789682	7.767661525	10.47094974	8.594335036

ENSMUSG00000040472	12.73413332	16.69481385	13.41686991	10.47094974	12.17530797
ENSMUSG00000040473	9.196874066	11.82549314	3.530755239	4.832746033	5.013362104
ENSMUSG00000040478	7.781970364	5.56493795	4.236906287	4.02728836	5.729556691
ENSMUSG00000040479	10.61177777	6.956172438	9.886114669	5.638203705	5.729556691
ENSMUSG00000040481	85.601674	125.2111039	98.15499564	145.7878386	111.7263555
ENSMUSG00000040482	26.1757185	54.25814501	43.07521391	70.88027514	58.72795608
ENSMUSG00000040483	35.37259256	45.91073809	38.83830763	113.5695318	80.21379367
ENSMUSG00000040488	7.074518513	5.56493795	6.35535943	7.249119049	5.729556691
ENSMUSG00000040505	7.074518513	9.043024169	4.236906287	2.416373016	6.445751277
ENSMUSG00000040506	82.06441475	134.9497453	103.098053	125.6513968	108.8615771
ENSMUSG00000040511	11.31922962	14.60796212	16.2414741	32.21830688	25.06681052
ENSMUSG00000040521	9.904325918	23.65098629	31.77679715	33.82922223	35.09353473
ENSMUSG00000040525	4.952162959	8.347406925	9.886114669	4.02728836	7.161945863
ENSMUSG00000040528	50.93653329	70.25734162	60.02283906	98.265836	63.74131818
ENSMUSG00000040532	4.952162959	9.043024169	5.649208382	7.249119049	8.594335036
ENSMUSG00000040536	8.489422215	6.956172438	10.59226572	3.221830688	6.445751277
ENSMUSG00000040537	11.31922962	6.260555194	6.35535943	4.02728836	7.87814045
ENSMUSG00000040543	7.781970364	6.956172438	7.767661525	5.638203705	7.87814045
ENSMUSG00000040548	16.97884443	20.17290007	18.35992724	19.33098413	16.47247549
ENSMUSG00000040549	82.7718666	113.3856107	91.79963621	153.0369577	133.2121931
ENSMUSG00000040550	11.31922962	24.34660353	17.65377619	38.66196826	42.97167518
ENSMUSG00000040554	8.489422215	9.738641413	4.943057334	4.832746033	2.864778345
ENSMUSG00000040557	4.244711108	5.56493795	4.236906287	4.832746033	4.297167518
ENSMUSG00000040562	6.367066661	17.39043109	7.767661525	12.08186508	11.45911338
ENSMUSG00000040563	6.367066661	9.738641413	9.179963621	5.638203705	7.87814045
ENSMUSG00000040564	7.074518513	4.869320706	5.649208382	12.08186508	10.7429188
ENSMUSG00000040569	12.02668147	9.738641413	9.179963621	4.02728836	7.161945863
ENSMUSG00000040570	5.65961481	5.56493795	7.061510478	4.832746033	7.161945863
ENSMUSG00000040591	11.31922962	11.1298759	14.12302096	12.08186508	10.7429188
ENSMUSG00000040592	147.8574369	146.7752384	155.3532305	328.6267302	214.8583759
ENSMUSG00000040594	8.489422215	4.173703463	7.061510478	5.638203705	8.594335036
ENSMUSG00000040596	9.904325918	6.260555194	5.649208382	8.860034393	10.7429188
ENSMUSG00000040599	106.8252295	150.2533247	151.1163242	248.8864207	206.2640409
ENSMUSG00000040601	7.781970364	6.260555194	4.943057334	4.832746033	7.87814045
ENSMUSG00000040606	6.367066661	7.651789682	7.767661525	7.249119049	6.445751277
ENSMUSG00000040612	4.244711108	6.260555194	4.943057334	5.638203705	4.297167518
ENSMUSG00000040613	51.64398514	89.0390072	61.43514116	128.0677699	104.5644096
ENSMUSG00000040614	7.074518513	6.260555194	7.767661525	9.665492065	7.161945863
ENSMUSG00000040620	36.78749627	52.86691053	43.07521391	126.4568545	108.1453825
ENSMUSG00000040621	16.27139258	11.82549314	18.35992724	22.55281482	12.89150255
ENSMUSG00000040624	6.367066661	8.347406925	6.35535943	7.249119049	7.87814045
ENSMUSG00000040627	7.074518513	6.260555194	6.35535943	69.2693598	47.2688427
ENSMUSG00000040632	8.489422215	5.56493795	5.649208382	8.054576721	8.594335036

ENSMUSG00000040640	8.489422215	6.956172438	4.236906287	6.443661377	5.013362104
ENSMUSG00000040648	48.10672589	86.95215547	71.32125582	90.21125927	84.51096119
ENSMUSG00000040649	5.65961481	6.956172438	6.35535943	8.860034393	8.594335036
ENSMUSG00000040652	27.5906222	52.17129328	46.60596915	24.16373016	28.64778345
ENSMUSG00000040657	6.367066661	6.260555194	8.473812573	8.054576721	6.445751277
ENSMUSG00000040666	9.196874066	7.651789682	9.886114669	6.443661377	5.013362104
ENSMUSG00000040667	53.7663407	78.60474855	86.85657888	131.2896006	117.4559122
ENSMUSG00000040669	10.61177777	21.56413456	23.30298458	9.665492065	13.60769714
ENSMUSG00000040675	16.27139258	17.39043109	30.36449505	70.88027514	53.71459398
ENSMUSG00000040681	32.54278516	48.69320706	38.13215658	64.43661377	50.84981563
ENSMUSG00000040687	30.4204296	38.95456565	43.78136496	57.18749472	43.68786977
ENSMUSG00000040688	21.22355554	23.65098629	21.89068248	97.46037832	68.0384857
ENSMUSG00000040690	9.196874066	5.56493795	3.530755239	8.860034393	9.310529622
ENSMUSG00000040697	15.56394073	28.52030699	14.829172	26.58010318	35.09353473
ENSMUSG00000040699	29.0055259	30.60715873	43.07521391	84.57305557	58.01176149
ENSMUSG00000040701	16.97884443	24.34660353	21.89068248	23.35827249	23.63442135
ENSMUSG00000040703	9.904325918	4.869320706	7.767661525	7.249119049	7.87814045
ENSMUSG00000040705	11.31922962	7.651789682	9.886114669	3.221830688	7.161945863
ENSMUSG00000040710	58.0110518	84.1696865	74.85201106	123.2350238	103.848215
ENSMUSG00000040712	14.14903703	27.12907251	26.12758877	24.96918783	31.5125618
ENSMUSG00000040713	17.68629628	31.99839321	22.59683353	23.35827249	18.62105924
ENSMUSG00000040714	4.952162959	8.347406925	9.179963621	4.832746033	5.729556691
ENSMUSG00000040720	94.09109622	137.036597	97.44884459	120.0131931	111.7263555
ENSMUSG00000040723	90.55383696	109.9075245	122.8702823	194.115299	143.2389173
ENSMUSG00000040725	137.2456591	157.9051143	154.6470795	309.2957461	224.1689055
ENSMUSG00000040726	12.73413332	8.347406925	8.473812573	12.08186508	4.297167518
ENSMUSG00000040728	2.829807405	6.956172438	8.473812573	7.249119049	5.013362104
ENSMUSG00000040731	142.1978221	162.0788178	152.5286263	298.8247963	242.0737702
ENSMUSG00000040732	4.952162959	2.782468975	7.061510478	4.02728836	7.161945863
ENSMUSG00000040734	14.14903703	8.347406925	8.473812573	31.41284921	33.66114556
ENSMUSG00000040738	57.30359995	73.73542784	69.90895373	90.21125927	80.92998826
ENSMUSG00000040746	32.54278516	58.43184848	59.31668801	145.7878386	131.7798039
ENSMUSG00000040749	14.85648888	12.52111039	16.2414741	46.71654498	35.80972932
ENSMUSG00000040751	83.47931845	107.1250555	103.098053	243.248217	189.0753708
ENSMUSG00000040752	10.61177777	4.173703463	5.649208382	5.638203705	8.594335036
ENSMUSG00000040760	33.95768886	59.82308296	67.79050059	45.91108731	50.84981563
ENSMUSG00000040761	31.83533331	52.86691053	38.83830763	101.4876667	89.52432329
ENSMUSG00000040767	25.46826665	26.43345526	26.83373982	28.19101852	32.94495097
ENSMUSG00000040771	30.4204296	37.56333116	44.48751601	165.1188228	126.0502472
ENSMUSG00000040774	106.8252295	166.9481385	153.9409284	136.1223466	131.0636093
ENSMUSG00000040782	70.74518513	77.9091313	86.15042783	135.3168889	133.9283876
ENSMUSG00000040785	25.46826665	38.95456565	50.84287544	35.44013757	40.10689684
ENSMUSG00000040795	24.05336294	27.82468975	25.42143772	28.9964762	38.67450766

ENSMUSG00000040797	8.489422215	4.173703463	5.649208382	8.054576721	7.87814045
ENSMUSG00000040809	14.14903703	15.30357936	12.71071886	11.27640741	14.32389173
ENSMUSG00000040811	4.244711108	6.260555194	4.236906287	9.665492065	8.594335036
ENSMUSG00000040812	9.196874066	7.651789682	12.00456781	11.27640741	6.445751277
ENSMUSG00000040813	8.489422215	10.43425866	10.59226572	14.4982381	13.60769714
ENSMUSG00000040818	92.67619252	132.1672763	112.2780166	144.982381	105.2806042
ENSMUSG00000040820	11.31922962	19.47728283	9.179963621	8.054576721	10.02672421
ENSMUSG00000040829	4.244711108	9.738641413	9.179963621	11.27640741	10.7429188
ENSMUSG00000040836	3.537259256	8.347406925	6.35535943	4.02728836	7.87814045
ENSMUSG00000040838	11.31922962	11.1298759	7.061510478	7.249119049	10.02672421
ENSMUSG00000040842	37.49494812	66.08363816	57.90438592	186.0607223	139.6579443
ENSMUSG00000040843	58.71850365	88.34338996	65.67204744	98.265836	93.82149081
ENSMUSG00000040848	23.34591109	54.25814501	49.43057334	55.57657937	51.56601022
ENSMUSG00000040850	114.6071999	180.8604834	164.5331941	125.6513968	112.4425501
ENSMUSG00000040855	4.952162959	4.173703463	4.236906287	3.221830688	7.161945863
ENSMUSG00000040856	7.781970364	5.56493795	1.412302096	9.665492065	7.161945863
ENSMUSG00000040857	13.44158517	20.17290007	26.12758877	36.24559524	32.22875639
ENSMUSG00000040859	72.86754068	109.9075245	92.50578726	85.37851324	75.20043157
ENSMUSG00000040860	8.489422215	15.30357936	14.12302096	12.88732275	11.45911338
ENSMUSG00000040865	79.23460734	98.77764862	113.6903187	226.3336059	159.7113928
ENSMUSG00000040866	6.367066661	6.956172438	3.530755239	6.443661377	5.729556691
ENSMUSG00000040867	7.781970364	8.347406925	11.29841676	15.30369577	12.17530797
ENSMUSG00000040875	5.65961481	4.869320706	8.473812573	7.249119049	5.729556691
ENSMUSG00000040877	28.29807405	40.34580014	37.42600553	82.96214023	69.47087488
ENSMUSG00000040883	4.952162959	10.43425866	5.649208382	8.054576721	4.297167518
ENSMUSG00000040896	7.781970364	4.173703463	9.886114669	7.249119049	5.729556691
ENSMUSG00000040899	30.4204296	45.21512085	43.07521391	19.33098413	22.20203218
ENSMUSG00000040904	0	0	0	0	0
ENSMUSG00000040907	8.489422215	6.956172438	7.061510478	3.221830688	6.445751277
ENSMUSG00000040913	43.86201478	87.64777272	64.25974535	66.85298678	76.63282074
ENSMUSG00000040918	13.44158517	19.47728283	19.06607829	43.49471429	50.84981563
ENSMUSG00000040919	12.73413332	8.347406925	9.179963621	4.02728836	8.594335036
ENSMUSG00000040928	89.84638511	118.2549314	110.1595635	224.7226905	181.1972303
ENSMUSG00000040929	21.22355554	36.86771392	37.42600553	28.9964762	36.5259239
ENSMUSG00000040935	6.367066661	4.173703463	6.35535943	7.249119049	7.161945863
ENSMUSG00000040936	12.02668147	9.043024169	11.29841676	11.27640741	8.594335036
ENSMUSG00000040938	7.074518513	5.56493795	5.649208382	4.832746033	6.445751277
ENSMUSG00000040940	75.69734809	86.25653823	83.32582364	147.398754	125.3340526
ENSMUSG00000040943	31.83533331	50.08444155	39.54445867	89.4058016	74.48423698
ENSMUSG00000040945	19.10119998	20.86851731	22.59683353	73.29664816	50.84981563
ENSMUSG00000040950	2.122355554	7.651789682	9.179963621	8.054576721	7.161945863
ENSMUSG00000040952	107.5326814	134.254128	142.6425116	312.5175768	231.3308514
ENSMUSG00000040957	8.489422215	5.56493795	9.179963621	4.832746033	2.864778345

ENSMUSG00000040963	6.367066661	4.173703463	3.530755239	3.221830688	10.02672421
ENSMUSG00000040964	11.31922962	5.56493795	4.236906287	4.832746033	9.310529622
ENSMUSG00000040969	5.65961481	5.56493795	9.179963621	3.221830688	4.297167518
ENSMUSG00000040985	11.31922962	6.956172438	7.767661525	4.832746033	4.297167518
ENSMUSG00000040987	13.44158517	4.869320706	6.35535943	8.054576721	5.013362104
ENSMUSG00000040990	41.73965922	59.82308296	53.66747963	51.54929101	42.25548059
ENSMUSG00000040997	60.13340736	102.2557348	74.14586002	112.7640741	90.24051788
ENSMUSG00000040998	4.952162959	4.173703463	8.473812573	10.47094974	2.864778345
ENSMUSG00000041014	10.61177777	5.56493795	6.35535943	2.416373016	7.161945863
ENSMUSG00000041020	3.537259256	4.173703463	5.649208382	5.638203705	6.445751277
ENSMUSG00000041025	7.074518513	6.260555194	11.29841676	4.02728836	7.87814045
ENSMUSG00000041028	47.39927403	61.9099347	62.84744325	134.5114312	88.80812871
ENSMUSG00000041040	35.37259256	47.99758982	39.54445867	38.66196826	42.97167518
ENSMUSG00000041058	21.93100739	36.17209668	24.00913562	37.05105292	22.91822676
ENSMUSG00000041064	23.34591109	22.2597518	17.65377619	24.96918783	24.35061594
ENSMUSG00000041073	15.56394073	12.52111039	19.77222934	4.832746033	6.445751277
ENSMUSG00000041079	19.80865184	27.82468975	19.77222934	25.77464551	23.63442135
ENSMUSG00000041096	4.952162959	17.39043109	9.886114669	32.21830688	17.18867007
ENSMUSG00000041112	19.80865184	29.21592424	40.95676077	45.10562964	47.98503729
ENSMUSG00000041115	2.122355554	4.173703463	2.118453143	2.416373016	4.297167518
ENSMUSG00000041119	7.074518513	6.260555194	3.530755239	5.638203705	4.297167518
ENSMUSG00000041124	16.27139258	22.95536904	31.0706461	27.38556085	27.21539428
ENSMUSG00000041126	74.28244438	99.47326586	96.0365425	72.49119049	51.56601022
ENSMUSG00000041132	21.93100739	42.43265187	33.89525029	97.46037832	75.91662615
ENSMUSG00000041133	45.27691848	66.7792554	54.37363068	125.6513968	88.09193412
ENSMUSG00000041134	5.65961481	6.956172438	5.649208382	4.02728836	3.580972932
ENSMUSG00000041135	54.47379255	93.21271067	86.85657888	113.5695318	92.38910164
ENSMUSG00000041138	6.367066661	3.478086219	6.35535943	2.416373016	6.445751277
ENSMUSG00000041143	13.44158517	23.65098629	19.77222934	45.91108731	38.67450766
ENSMUSG00000041147	9.904325918	14.60796212	13.41686991	18.52552646	10.02672421
ENSMUSG00000041164	43.86201478	73.0398106	72.02740687	169.9515688	127.4826364
ENSMUSG00000041180	4.952162959	4.173703463	4.236906287	3.221830688	4.297167518
ENSMUSG00000041187	74.28244438	92.51709342	92.50578726	192.5043836	141.0903335
ENSMUSG00000041193	7.781970364	4.173703463	7.767661525	5.638203705	7.161945863
ENSMUSG00000041202	12.02668147	4.869320706	7.767661525	6.443661377	6.445751277
ENSMUSG00000041215	33.25023701	41.04141738	27.53989086	71.68573282	52.2822048
ENSMUSG00000041216	8.489422215	11.82549314	9.886114669	5.638203705	5.013362104
ENSMUSG00000041219	42.44711108	55.6493795	55.07978173	194.9207566	156.1304198
ENSMUSG00000041220	14.14903703	18.08604834	10.59226572	11.27640741	15.04008631
ENSMUSG00000041225	41.73965922	73.73542784	53.66747963	76.51847885	75.20043157
ENSMUSG00000041229	24.05336294	27.12907251	27.53989086	26.58010318	27.93158887
ENSMUSG00000041231	19.10119998	38.25894841	31.77679715	27.38556085	39.39070225
ENSMUSG00000041235	42.44711108	59.82308296	63.5535943	66.85298678	74.48423698



ENSMUSG00000041237	7.074518513	4.869320706	8.473812573	6.443661377	9.310529622
ENSMUSG00000041238	13.44158517	4.869320706	10.59226572	8.054576721	5.013362104
ENSMUSG00000041241	41.73965922	63.99678643	66.37819849	81.35122488	73.76804239
ENSMUSG00000041245	4.244711108	2.782468975	6.35535943	4.832746033	2.148583759
ENSMUSG00000041258	49.52162959	61.21431745	65.67204744	66.04752911	75.20043157
ENSMUSG00000041263	7.781970364	15.30357936	12.00456781	9.665492065	10.7429188
ENSMUSG00000041264	52.35143699	73.73542784	77.67661525	169.1461111	125.3340526
ENSMUSG00000041268	9.196874066	6.260555194	6.35535943	4.02728836	7.161945863
ENSMUSG00000041272	4.952162959	8.347406925	8.473812573	2.416373016	2.148583759
ENSMUSG00000041278	40.32475552	76.51789682	72.02740687	74.10210583	71.61945863
ENSMUSG00000041298	4.952162959	10.43425866	7.061510478	0.805457672	4.297167518
ENSMUSG00000041301	11.31922962	4.173703463	7.767661525	3.221830688	5.729556691
ENSMUSG00000041309	4.244711108	2.782468975	7.061510478	2.416373016	4.297167518
ENSMUSG00000041313	36.78749627	58.43184848	43.07521391	173.1733995	114.5911338
ENSMUSG00000041319	15.56394073	43.82388636	28.95219296	32.21830688	22.91822676
ENSMUSG00000041324	5.65961481	4.869320706	8.473812573	5.638203705	9.310529622
ENSMUSG00000041328	117.4370073	141.2103005	148.29172	278.6883545	200.5344842
ENSMUSG00000041329	7.074518513	10.43425866	11.29841676	4.02728836	9.310529622
ENSMUSG00000041341	45.98437033	84.86530374	91.09348516	131.2896006	116.023523
ENSMUSG00000041343	14.14903703	41.73703463	30.36449505	50.74383334	35.80972932
ENSMUSG00000041346	76.40479994	127.9935729	95.33039145	186.8661799	161.8599765
ENSMUSG00000041351	7.781970364	1.391234488	4.943057334	6.443661377	8.594335036
ENSMUSG00000041353	12.73413332	21.56413456	18.35992724	15.30369577	22.20203218
ENSMUSG00000041354	24.05336294	40.34580014	39.54445867	54.7711217	52.2822048
ENSMUSG00000041355	41.73965922	53.56252777	50.84287544	68.46390213	63.74131818
ENSMUSG00000041359	7.074518513	9.738641413	6.35535943	4.832746033	9.310529622
ENSMUSG00000041361	0	0.695617244	0	0	0.716194586
ENSMUSG00000041362	13.44158517	1.391234488	7.061510478	1.610915344	5.729556691
ENSMUSG00000041375	19.10119998	22.95536904	24.00913562	56.38203705	35.09353473
ENSMUSG00000041377	10.61177777	7.651789682	12.71071886	8.860034393	8.594335036
ENSMUSG00000041380	4.952162959	2.086851731	0.706151048	1.610915344	2.864778345
ENSMUSG00000041390	14.85648888	25.04222078	24.00913562	64.43661377	49.41742646
ENSMUSG00000041396	20.51610369	34.08524495	35.30755239	40.2728836	38.67450766
ENSMUSG00000041406	24.76081479	38.25894841	32.4829482	35.44013757	39.39070225
ENSMUSG00000041408	43.15456293	89.0390072	47.3121202	132.0950582	121.0368851
ENSMUSG00000041415	62.96321476	86.95215547	93.91808935	118.4022778	107.429188
ENSMUSG00000041417	72.16008883	90.43024169	69.90895373	85.37851324	78.06520991
ENSMUSG00000041420	7.781970364	9.738641413	7.767661525	12.88732275	10.7429188
ENSMUSG00000041423	14.85648888	10.43425866	6.35535943	10.47094974	7.87814045
ENSMUSG00000041426	14.85648888	35.47647943	28.24604191	23.35827249	26.49919969
ENSMUSG00000041431	14.14903703	18.08604834	9.179963621	92.62763229	72.33565322
ENSMUSG00000041439	7.074518513	13.21672763	9.886114669	12.88732275	9.310529622
ENSMUSG00000041440	9.904325918	11.82549314	14.829172	6.443661377	5.013362104

ENSMUSG00000041444	9.196874066	8.347406925	7.061510478	7.249119049	3.580972932
ENSMUSG00000041453	2.122355554	9.043024169	2.118453143	4.832746033	7.161945863
ENSMUSG00000041459	65.08557032	97.38641413	77.67661525	194.9207566	166.157144
ENSMUSG00000041460	10.61177777	4.173703463	8.473812573	4.02728836	6.445751277
ENSMUSG00000041476	6.367066661	3.478086219	4.943057334	3.221830688	7.161945863
ENSMUSG00000041477	13.44158517	16.69481385	20.47838039	20.94189947	22.20203218
ENSMUSG00000041479	13.44158517	3.478086219	2.824604191	8.054576721	7.87814045
ENSMUSG00000041481	32.54278516	57.04061399	34.60140134	133.7059736	71.61945863
ENSMUSG00000041482	7.074518513	3.478086219	6.35535943	4.832746033	9.310529622
ENSMUSG00000041483	46.69182218	73.0398106	69.20280268	111.1531587	85.22715578
ENSMUSG00000041488	9.196874066	5.56493795	4.943057334	6.443661377	7.161945863
ENSMUSG00000041498	35.37259256	50.7800588	50.13672439	45.91108731	55.14698315
ENSMUSG00000041506	48.81417774	74.43104508	67.79050059	134.5114312	117.4559122
ENSMUSG00000041512	13.44158517	8.347406925	5.649208382	10.47094974	5.013362104
ENSMUSG00000041528	16.27139258	13.21672763	19.06607829	11.27640741	7.161945863
ENSMUSG00000041530	38.90985182	39.6501829	45.19366706	49.93837567	38.67450766
ENSMUSG00000041536	7.781970364	7.651789682	5.649208382	7.249119049	4.297167518
ENSMUSG00000041538	46.69182218	57.04061399	64.96589639	97.46037832	89.52432329
ENSMUSG00000041540	4.244711108	4.869320706	7.061510478	7.249119049	7.87814045
ENSMUSG00000041544	7.074518513	6.956172438	6.35535943	6.443661377	5.729556691
ENSMUSG00000041560	44.56946663	73.0398106	50.13672439	132.9005159	104.5644096
ENSMUSG00000041565	3.537259256	6.260555194	4.943057334	4.832746033	6.445751277
ENSMUSG00000041570	28.29807405	50.7800588	50.84287544	68.46390213	55.14698315
ENSMUSG00000041578	7.074518513	3.478086219	5.649208382	7.249119049	8.594335036
ENSMUSG00000041592	4.244711108	4.869320706	6.35535943	6.443661377	0.716194586
ENSMUSG00000041594	5.65961481	10.43425866	11.29841676	14.4982381	12.17530797
ENSMUSG00000041605	9.904325918	8.347406925	9.886114669	4.832746033	5.729556691
ENSMUSG00000041607	52.35143699	73.73542784	66.37819849	66.04752911	54.43078856
ENSMUSG00000041609	4.244711108	2.782468975	7.061510478	6.443661377	7.161945863
ENSMUSG00000041617	7.074518513	12.52111039	9.886114669	4.02728836	5.729556691
ENSMUSG00000041623	103.9954221	176.6867799	139.8179075	225.5281482	187.6429816
ENSMUSG00000041624	7.781970364	6.956172438	5.649208382	1.610915344	5.013362104
ENSMUSG00000041625	16.97884443	24.34660353	16.2414741	20.1364418	22.20203218
ENSMUSG00000041633	4.244711108	4.173703463	3.530755239	3.221830688	1.432389173
ENSMUSG00000041638	98.33580733	162.0788178	133.462548	205.3917064	153.9818361
ENSMUSG00000041642	130.8785925	141.9059177	150.4101732	68.46390213	69.47087488
ENSMUSG00000041644	9.904325918	6.260555194	10.59226572	5.638203705	10.02672421
ENSMUSG00000041645	156.3468591	178.7736317	145.4671158	262.5792011	202.6830679
ENSMUSG00000041649	4.952162959	2.782468975	4.236906287	2.416373016	6.445751277
ENSMUSG00000041650	22.63845924	29.91154148	21.89068248	23.35827249	25.78300511
ENSMUSG00000041654	21.93100739	29.91154148	30.36449505	44.30017197	33.66114556
ENSMUSG00000041658	1.414903703	6.260555194	4.236906287	6.443661377	7.161945863
ENSMUSG00000041669	9.196874066	1.391234488	7.767661525	9.665492065	6.445751277

ENSMUSG00000041670	7.781970364	13.21672763	8.473812573	7.249119049	5.013362104
ENSMUSG00000041671	12.73413332	27.12907251	21.89068248	16.91461111	18.62105924
ENSMUSG00000041673	24.76081479	37.56333116	37.42600553	30.60739154	19.33725383
ENSMUSG00000041684	3.537259256	9.738641413	5.649208382	11.27640741	9.310529622
ENSMUSG00000041685	16.27139258	36.17209668	28.24604191	37.05105292	42.97167518
ENSMUSG00000041688	2.829807405	4.869320706	4.236906287	1.610915344	5.013362104
ENSMUSG00000041696	8.489422215	5.56493795	5.649208382	6.443661377	2.864778345
ENSMUSG00000041698	7.781970364	6.956172438	7.767661525	7.249119049	4.297167518
ENSMUSG00000041708	8.489422215	5.56493795	4.236906287	5.638203705	4.297167518
ENSMUSG00000041718	7.074518513	11.1298759	5.649208382	17.72006879	20.769643
ENSMUSG00000041720	120.9742666	175.9911627	144.0548137	136.1223466	128.9150255
ENSMUSG00000041729	9.196874066	4.869320706	5.649208382	8.054576721	6.445751277
ENSMUSG00000041730	5.65961481	6.260555194	9.179963621	4.02728836	4.297167518
ENSMUSG00000041731	7.074518513	4.173703463	7.767661525	2.416373016	5.013362104
ENSMUSG00000041733	36.08004441	67.47487265	55.07978173	103.9040397	70.90326405
ENSMUSG00000041734	9.904325918	6.260555194	5.649208382	3.221830688	10.7429188
ENSMUSG00000041740	152.102148	176.6867799	162.414741	168.3406535	141.8065281
ENSMUSG00000041741	7.781970364	8.347406925	7.767661525	9.665492065	4.297167518
ENSMUSG00000041750	4.952162959	12.52111039	11.29841676	8.860034393	6.445751277
ENSMUSG00000041757	11.31922962	6.956172438	7.061510478	6.443661377	5.729556691
ENSMUSG00000041762	26.1757185	38.25894841	37.42600553	20.1364418	22.91822676
ENSMUSG00000041763	91.26128881	118.2549314	103.098053	205.3917064	173.3190899
ENSMUSG00000041769	72.86754068	90.43024169	92.50578726	82.96214023	88.09193412
ENSMUSG00000041771	9.196874066	4.173703463	6.35535943	4.02728836	5.729556691
ENSMUSG00000041774	9.904325918	8.347406925	10.59226572	9.665492065	10.7429188
ENSMUSG00000041777	36.78749627	65.38802092	56.49208382	47.52200265	45.83645353
ENSMUSG00000041782	7.074518513	3.478086219	4.943057334	86.18397091	50.84981563
ENSMUSG00000041794	3.537259256	5.56493795	9.179963621	1.610915344	7.161945863
ENSMUSG00000041798	9.196874066	9.738641413	12.00456781	7.249119049	12.17530797
ENSMUSG00000041815	118.851911	146.7752384	124.9887355	219.0844868	151.8332523
ENSMUSG00000041817	4.952162959	5.56493795	4.943057334	5.638203705	9.310529622
ENSMUSG00000041827	35.37259256	41.04141738	41.66291182	260.1628281	169.0219224
ENSMUSG00000041828	9.904325918	9.043024169	6.35535943	4.832746033	7.161945863
ENSMUSG00000041831	13.44158517	8.347406925	9.179963621	17.72006879	15.04008631
ENSMUSG00000041836	8.489422215	2.782468975	7.767661525	7.249119049	7.161945863
ENSMUSG00000041842	7.074518513	8.347406925	8.473812573	6.443661377	5.729556691
ENSMUSG00000041845	6.367066661	6.260555194	6.35535943	5.638203705	13.60769714
ENSMUSG00000041846	155.6394073	173.9043109	180.0685172	306.0739154	223.4527109
ENSMUSG00000041852	9.904325918	11.1298759	13.41686991	7.249119049	10.02672421
ENSMUSG00000041857	6.367066661	9.043024169	8.473812573	6.443661377	7.161945863
ENSMUSG00000041859	37.49494812	43.82388636	32.4829482	174.7843148	126.0502472
ENSMUSG00000041870	105.4103258	164.8612868	141.9363606	173.1733995	164.7247549
ENSMUSG00000041879	48.10672589	83.47406925	83.32582364	90.21125927	80.21379367

ENSMUSG00000041881	54.47379255	77.9091313	73.43970897	277.0774392	190.50776
ENSMUSG00000041890	24.76081479	27.82468975	24.71528667	25.77464551	20.769643
ENSMUSG00000041891	6.367066661	7.651789682	5.649208382	7.249119049	2.864778345
ENSMUSG00000041895	4.952162959	7.651789682	8.473812573	4.832746033	5.729556691
ENSMUSG00000041912	4.952162959	8.347406925	10.59226572	4.02728836	9.310529622
ENSMUSG00000041920	17.68629628	13.21672763	11.29841676	88.60034393	69.47087488
ENSMUSG00000041921	9.904325918	11.82549314	14.829172	10.47094974	9.310529622
ENSMUSG00000041923	8.489422215	4.173703463	7.061510478	2.416373016	6.445751277
ENSMUSG00000041926	14.14903703	19.47728283	16.2414741	27.38556085	32.94495097
ENSMUSG00000041936	3.537259256	7.651789682	8.473812573	11.27640741	12.89150255
ENSMUSG00000041939	9.904325918	13.21672763	11.29841676	20.94189947	27.21539428
ENSMUSG00000041945	2.829807405	10.43425866	14.829172	7.249119049	10.7429188
ENSMUSG00000041954	23.34591109	26.43345526	30.36449505	17.72006879	20.05344842
ENSMUSG00000041957	9.904325918	8.347406925	9.886114669	7.249119049	10.02672421
ENSMUSG00000041958	34.66514071	57.73623123	62.1412922	42.68925662	43.68786977
ENSMUSG00000041959	127.3413332	135.6453625	132.756397	55.57657937	64.45751277
ENSMUSG00000041961	3.537259256	9.043024169	7.061510478	28.9964762	17.90486466
ENSMUSG00000041966	26.1757185	43.12826911	39.54445867	33.82922223	32.94495097
ENSMUSG00000041975	23.34591109	38.95456565	40.95676077	29.80193387	33.66114556
ENSMUSG00000041977	4.244711108	3.478086219	6.35535943	1.610915344	2.148583759
ENSMUSG00000041986	7.074518513	6.260555194	9.886114669	7.249119049	8.594335036
ENSMUSG00000041991	13.44158517	9.043024169	6.35535943	7.249119049	5.013362104
ENSMUSG00000041997	70.03773327	96.69079689	76.26431316	132.9005159	88.80812871
ENSMUSG00000042002	6.367066661	7.651789682	9.179963621	6.443661377	6.445751277
ENSMUSG00000042010	11.31922962	8.347406925	11.29841676	11.27640741	11.45911338
ENSMUSG00000042015	13.44158517	21.56413456	20.47838039	12.88732275	17.18867007
ENSMUSG00000042032	7.781970364	16.69481385	15.53532305	14.4982381	12.89150255
ENSMUSG00000042035	6.367066661	6.956172438	2.118453143	7.249119049	2.864778345
ENSMUSG00000042042	12.02668147	25.04222078	21.89068248	17.72006879	17.90486466
ENSMUSG00000042046	16.27139258	19.47728283	19.77222934	14.4982381	13.60769714
ENSMUSG00000042055	13.44158517	20.17290007	12.00456781	37.05105292	25.78300511
ENSMUSG00000042063	46.69182218	86.95215547	64.96589639	65.24207144	63.74131818
ENSMUSG00000042064	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000042066	7.074518513	4.869320706	4.943057334	5.638203705	7.87814045
ENSMUSG00000042073	9.196874066	14.60796212	14.829172	13.69278043	12.17530797
ENSMUSG00000042078	4.244711108	6.260555194	7.061510478	4.02728836	8.594335036
ENSMUSG00000042079	58.0110518	68.86610713	61.43514116	69.2693598	47.2688427
ENSMUSG00000042096	7.074518513	5.56493795	8.473812573	8.054576721	9.310529622
ENSMUSG00000042097	19.10119998	22.95536904	17.65377619	10.47094974	25.78300511
ENSMUSG00000042099	8.489422215	9.043024169	9.179963621	7.249119049	8.594335036
ENSMUSG00000042104	10.61177777	6.260555194	5.649208382	5.638203705	7.161945863
ENSMUSG00000042105	60.84085921	82.77845201	79.08891735	47.52200265	59.44415067
ENSMUSG00000042121	18.39374813	32.69401046	31.0706461	28.9964762	27.21539428

ENSMUSG00000042133	74.98989623	131.4716591	76.97046421	149.0096693	126.7664418
ENSMUSG00000042156	3.537259256	13.21672763	10.59226572	6.443661377	15.04008631
ENSMUSG00000042165	12.02668147	13.21672763	12.71071886	31.41284921	18.62105924
ENSMUSG00000042182	8.489422215	4.173703463	2.824604191	5.638203705	2.864778345
ENSMUSG00000042184	6.367066661	12.52111039	7.767661525	4.832746033	7.161945863
ENSMUSG00000042185	111.7773925	128.6891901	124.9887355	125.6513968	118.8883013
ENSMUSG00000042190	5.65961481	2.782468975	4.943057334	4.832746033	2.148583759
ENSMUSG00000042197	28.29807405	48.69320706	50.13672439	68.46390213	80.92998826
ENSMUSG00000042198	16.27139258	27.12907251	27.53989086	18.52552646	30.08017263
ENSMUSG00000042202	19.10119998	37.56333116	30.36449505	76.51847885	57.29556691
ENSMUSG00000042207	48.81417774	68.86610713	61.43514116	33.02376456	47.2688427
ENSMUSG00000042208	9.196874066	15.30357936	12.00456781	8.054576721	15.04008631
ENSMUSG00000042210	11.31922962	11.82549314	14.829172	18.52552646	18.62105924
ENSMUSG00000042213	7.074518513	11.82549314	13.41686991	14.4982381	9.310529622
ENSMUSG00000042216	6.367066661	4.173703463	8.473812573	4.832746033	5.729556691
ENSMUSG00000042228	138.6605628	191.294742	162.414741	144.982381	123.9016634
ENSMUSG00000042240	5.65961481	4.173703463	13.41686991	5.638203705	7.161945863
ENSMUSG00000042243	5.65961481	6.260555194	4.943057334	5.638203705	7.87814045
ENSMUSG00000042249	11.31922962	13.21672763	13.41686991	8.860034393	13.60769714
ENSMUSG00000042250	7.781970364	4.173703463	8.473812573	11.27640741	5.013362104
ENSMUSG00000042251	6.367066661	5.56493795	3.530755239	8.860034393	6.445751277
ENSMUSG00000042254	7.074518513	4.869320706	7.767661525	1.610915344	8.594335036
ENSMUSG00000042258	7.781970364	6.956172438	6.35535943	5.638203705	2.864778345
ENSMUSG00000042265	9.904325918	16.69481385	13.41686991	6.443661377	3.580972932
ENSMUSG00000042268	7.781970364	3.478086219	7.767661525	2.416373016	5.013362104
ENSMUSG00000042269	6.367066661	4.869320706	7.061510478	6.443661377	7.87814045
ENSMUSG00000042271	3.537259256	8.347406925	3.530755239	5.638203705	5.013362104
ENSMUSG00000042272	4.244711108	4.173703463	8.473812573	6.443661377	3.580972932
ENSMUSG00000042279	7.781970364	4.869320706	9.886114669	5.638203705	5.013362104
ENSMUSG00000042284	9.196874066	4.173703463	7.767661525	4.02728836	8.594335036
ENSMUSG00000042286	11.31922962	6.260555194	4.943057334	3.221830688	5.729556691
ENSMUSG00000042289	4.952162959	6.260555194	7.061510478	12.88732275	9.310529622
ENSMUSG00000042292	42.44711108	63.30116918	50.13672439	36.24559524	41.53928601
ENSMUSG00000042298	11.31922962	20.17290007	13.41686991	13.69278043	25.06681052
ENSMUSG00000042302	9.196874066	10.43425866	4.943057334	5.638203705	10.7429188
ENSMUSG00000042303	12.73413332	15.99919661	15.53532305	16.10915344	17.90486466
ENSMUSG00000042305	43.86201478	75.82227957	68.49665163	79.74030954	84.51096119
ENSMUSG00000042306	10.61177777	6.260555194	7.061510478	5.638203705	3.580972932
ENSMUSG00000042308	32.54278516	65.38802092	55.07978173	90.21125927	80.92998826
ENSMUSG00000042320	14.14903703	13.21672763	16.2414741	36.24559524	29.36397804
ENSMUSG00000042323	70.03773327	104.3425866	84.73812573	353.595918	251.3842998
ENSMUSG00000042328	12.02668147	22.95536904	31.0706461	50.74383334	36.5259239
ENSMUSG00000042331	7.074518513	7.651789682	4.943057334	4.02728836	6.445751277

ENSMUSG00000042333	36.78749627	52.17129328	51.54902649	99.87675134	78.06520991
ENSMUSG00000042345	19.10119998	13.91234488	15.53532305	9.665492065	12.17530797
ENSMUSG00000042348	16.97884443	26.43345526	31.0706461	19.33098413	23.63442135
ENSMUSG00000042349	7.781970364	11.1298759	12.00456781	78.93485187	55.86317773
ENSMUSG00000042350	120.2668147	169.7306075	137.6994543	182.0334339	160.4275873
ENSMUSG00000042359	8.489422215	6.260555194	4.943057334	0.805457672	6.445751277
ENSMUSG00000042363	1.414903703	1.391234488	2.824604191	0.805457672	1.432389173
ENSMUSG00000042364	61.54831106	86.25653823	85.44427678	63.6311561	61.59273443
ENSMUSG00000042367	4.952162959	6.260555194	7.767661525	5.638203705	4.297167518
ENSMUSG00000042371	9.904325918	10.43425866	7.767661525	3.221830688	8.594335036
ENSMUSG00000042385	13.44158517	5.56493795	2.824604191	9.665492065	7.87814045
ENSMUSG00000042388	7.781970364	8.347406925	7.767661525	4.832746033	7.87814045
ENSMUSG00000042389	8.489422215	14.60796212	12.71071886	19.33098413	22.20203218
ENSMUSG00000042396	56.5961481	93.21271067	65.67204744	144.1769233	138.2255552
ENSMUSG00000042404	55.1812444	53.56252777	47.3121202	105.514955	75.91662615
ENSMUSG00000042408	15.56394073	20.86851731	11.29841676	25.77464551	22.20203218
ENSMUSG00000042410	58.71850365	75.12666233	71.32125582	103.098582	76.63282074
ENSMUSG00000042425	3.537259256	1.391234488	3.530755239	3.221830688	2.148583759
ENSMUSG00000042436	6.367066661	3.478086219	9.886114669	5.638203705	7.87814045
ENSMUSG00000042439	7.074518513	11.1298759	5.649208382	4.02728836	4.297167518
ENSMUSG00000042444	72.16008883	123.1242521	93.21193831	83.7675979	78.06520991
ENSMUSG00000042446	33.25023701	50.08444155	43.78136496	77.32393652	73.05184781
ENSMUSG00000042447	25.46826665	38.25894841	27.53989086	61.21478308	49.41742646
ENSMUSG00000042451	11.31922962	9.043024169	5.649208382	8.860034393	10.02672421
ENSMUSG00000042453	9.196874066	9.043024169	7.061510478	0.805457672	6.445751277
ENSMUSG00000042472	48.10672589	63.99678643	70.61510478	99.87675134	76.63282074
ENSMUSG00000042476	8.489422215	9.043024169	9.886114669	3.221830688	7.87814045
ENSMUSG00000042489	24.76081479	29.91154148	16.94762515	35.44013757	25.78300511
ENSMUSG00000042492	86.30912585	107.8206728	101.6857509	194.115299	140.3741389
ENSMUSG00000042496	21.93100739	39.6501829	31.0706461	26.58010318	34.37734014
ENSMUSG00000042498	2.829807405	7.651789682	4.943057334	1.610915344	4.297167518
ENSMUSG00000042499	2.829807405	0.695617244	1.412302096	1.610915344	0.716194586
ENSMUSG00000042500	6.367066661	14.60796212	10.59226572	4.02728836	12.17530797
ENSMUSG00000042501	12.73413332	6.956172438	6.35535943	4.02728836	8.594335036
ENSMUSG00000042502	21.22355554	38.25894841	40.95676077	115.1804471	99.5510475
ENSMUSG00000042506	43.86201478	60.51870021	62.84744325	123.2350238	105.9967988
ENSMUSG00000042507	118.1444592	157.2094971	141.9363606	125.6513968	117.4559122
ENSMUSG00000042508	71.45263698	117.5593142	110.1595635	118.4022778	111.7263555
ENSMUSG00000042514	23.34591109	21.56413456	38.83830763	20.94189947	32.94495097
ENSMUSG00000042515	5.65961481	3.478086219	4.943057334	3.221830688	2.148583759
ENSMUSG00000042520	157.054311	207.9895559	170.1824025	340.7085953	254.9652727
ENSMUSG00000042523	4.952162959	13.21672763	9.886114669	8.054576721	2.864778345
ENSMUSG00000042524	46.69182218	89.73462445	74.14586002	67.65844446	69.47087488

ENSMUSG00000042529	8.489422215	6.260555194	5.649208382	2.416373016	5.729556691
ENSMUSG00000042532	11.31922962	6.956172438	9.179963621	5.638203705	5.729556691
ENSMUSG00000042540	8.489422215	6.260555194	7.061510478	8.860034393	7.87814045
ENSMUSG00000042541	86.30912585	139.819066	109.4534124	159.4806191	112.4425501
ENSMUSG00000042548	37.49494812	54.95376226	66.37819849	163.5079074	123.9016634
ENSMUSG00000042554	9.196874066	9.043024169	7.767661525	5.638203705	6.445751277
ENSMUSG00000042557	13.44158517	16.69481385	12.00456781	18.52552646	18.62105924
ENSMUSG00000042558	26.1757185	36.17209668	46.60596915	70.88027514	61.59273443
ENSMUSG00000042564	10.61177777	25.73783802	19.06607829	9.665492065	12.89150255
ENSMUSG00000042567	10.61177777	8.347406925	7.767661525	7.249119049	8.594335036
ENSMUSG00000042569	29.0055259	57.73623123	37.42600553	63.6311561	45.83645353
ENSMUSG00000042570	32.54278516	44.5195036	39.54445867	45.91108731	40.10689684
ENSMUSG00000042572	57.30359995	66.08363816	63.5535943	226.3336059	174.0352845
ENSMUSG00000042579	38.20239997	66.7792554	64.25974535	225.5281482	160.4275873
ENSMUSG00000042581	7.074518513	2.782468975	9.179963621	7.249119049	5.729556691
ENSMUSG00000042589	6.367066661	6.260555194	5.649208382	7.249119049	6.445751277
ENSMUSG00000042590	54.47379255	93.90832791	61.43514116	111.1531587	93.82149081
ENSMUSG00000042594	53.05888884	69.56172438	55.07978173	238.4154709	177.6162574
ENSMUSG00000042605	35.37259256	57.73623123	55.78593277	59.60386773	61.59273443
ENSMUSG00000042607	11.31922962	6.956172438	7.767661525	5.638203705	6.445751277
ENSMUSG00000042608	58.0110518	87.64777272	77.67661525	107.9313281	87.37573953
ENSMUSG00000042622	7.781970364	5.56493795	10.59226572	8.054576721	12.89150255
ENSMUSG00000042625	168.3735406	191.9903593	201.9591997	476.0254842	328.0171205
ENSMUSG00000042626	36.08004441	57.04061399	52.96132858	149.815127	112.4425501
ENSMUSG00000042632	4.952162959	11.1298759	8.473812573	14.4982381	12.89150255
ENSMUSG00000042638	10.61177777	5.56493795	6.35535943	4.832746033	9.310529622
ENSMUSG00000042641	11.31922962	8.347406925	12.00456781	12.08186508	7.161945863
ENSMUSG00000042642	31.83533331	51.47567604	50.84287544	41.88379895	37.95831308
ENSMUSG00000042647	27.5906222	29.21592424	42.36906287	22.55281482	42.97167518
ENSMUSG00000042659	12.73413332	8.347406925	6.35535943	4.832746033	6.445751277
ENSMUSG00000042662	7.074518513	5.56493795	6.35535943	8.054576721	7.161945863
ENSMUSG00000042671	7.074518513	4.869320706	9.179963621	11.27640741	6.445751277
ENSMUSG00000042672	7.074518513	6.956172438	5.649208382	12.08186508	5.013362104
ENSMUSG00000042675	85.601674	104.3425866	93.91808935	43.49471429	47.2688427
ENSMUSG00000042678	10.61177777	9.738641413	4.943057334	8.860034393	5.729556691
ENSMUSG00000042688	68.62282957	92.51709342	86.85657888	155.4533307	123.1854689
ENSMUSG00000042694	16.97884443	19.47728283	16.2414741	12.88732275	14.32389173
ENSMUSG00000042699	177.5704147	201.7290007	181.4808193	401.9233784	312.9770342
ENSMUSG00000042700	14.14903703	29.21592424	28.95219296	28.9964762	27.21539428
ENSMUSG00000042708	8.489422215	10.43425866	6.35535943	11.27640741	13.60769714
ENSMUSG00000042709	43.86201478	84.86530374	82.61967259	108.7367857	97.40246374
ENSMUSG00000042712	5.65961481	8.347406925	7.061510478	8.860034393	7.161945863
ENSMUSG00000042719	115.3146518	133.5585108	137.6994543	310.1012038	209.1288192

ENSMUSG00000042726	9.196874066	19.47728283	17.65377619	62.02024075	42.25548059
ENSMUSG00000042729	33.25023701	54.95376226	39.54445867	132.9005159	104.5644096
ENSMUSG00000042743	11.31922962	12.52111039	19.06607829	12.88732275	15.04008631
ENSMUSG00000042744	38.20239997	75.12666233	59.31668801	66.85298678	47.98503729
ENSMUSG00000042747	21.22355554	31.30277597	34.60140134	37.85651059	42.97167518
ENSMUSG00000042751	7.781970364	5.56493795	3.530755239	2.416373016	8.594335036
ENSMUSG00000042757	12.02668147	6.956172438	9.179963621	7.249119049	6.445751277
ENSMUSG00000042759	4.952162959	4.869320706	9.886114669	8.860034393	5.729556691
ENSMUSG00000042761	13.44158517	6.260555194	3.530755239	7.249119049	5.729556691
ENSMUSG00000042766	18.39374813	33.3896277	32.4829482	45.91108731	40.82309142
ENSMUSG00000042772	84.89422215	109.9075245	91.09348516	236.8045556	166.157144
ENSMUSG00000042787	9.196874066	18.78166558	13.41686991	37.85651059	35.09353473
ENSMUSG00000042788	5.65961481	6.260555194	4.236906287	2.416373016	7.87814045
ENSMUSG00000042790	70.74518513	95.2995624	77.67661525	93.43308996	92.38910164
ENSMUSG00000042793	6.367066661	6.260555194	7.061510478	0.805457672	9.310529622
ENSMUSG00000042804	9.196874066	4.173703463	11.29841676	5.638203705	7.87814045
ENSMUSG00000042807	5.65961481	2.782468975	5.649208382	2.416373016	6.445751277
ENSMUSG00000042810	12.02668147	19.47728283	10.59226572	12.88732275	15.04008631
ENSMUSG00000042817	9.196874066	7.651789682	9.886114669	23.35827249	20.769643
ENSMUSG00000042826	4.952162959	9.043024169	10.59226572	7.249119049	5.729556691
ENSMUSG00000042828	6.367066661	4.173703463	8.473812573	8.054576721	10.7429188
ENSMUSG00000042831	16.97884443	26.43345526	24.71528667	21.74735715	20.05344842
ENSMUSG00000042834	10.61177777	4.869320706	8.473812573	4.02728836	2.148583759
ENSMUSG00000042842	7.781970364	8.347406925	2.824604191	14.4982381	22.20203218
ENSMUSG00000042849	4.952162959	6.956172438	5.649208382	4.02728836	7.161945863
ENSMUSG00000042851	15.56394073	32.69401046	24.00913562	33.02376456	41.53928601
ENSMUSG00000042857	36.78749627	63.30116918	60.72899011	67.65844446	66.60609653
ENSMUSG00000042870	11.31922962	31.99839321	22.59683353	16.10915344	17.18867007
ENSMUSG00000042873	13.44158517	11.82549314	8.473812573	5.638203705	8.594335036
ENSMUSG00000042888	8.489422215	7.651789682	5.649208382	6.443661377	6.445751277
ENSMUSG00000042894	13.44158517	9.738641413	8.473812573	7.249119049	3.580972932
ENSMUSG00000042901	94.09109622	118.9505487	131.3440949	232.7772672	165.4409494
ENSMUSG00000042918	3.537259256	5.56493795	3.530755239	7.249119049	7.161945863
ENSMUSG00000042940	10.61177777	11.1298759	9.886114669	11.27640741	8.594335036
ENSMUSG00000042942	6.367066661	4.869320706	5.649208382	9.665492065	9.310529622
ENSMUSG00000042961	8.489422215	12.52111039	5.649208382	4.02728836	3.580972932
ENSMUSG00000042978	152.8095999	133.5585108	151.8224753	109.5422434	101.6996313
ENSMUSG00000042988	7.074518513	9.738641413	6.35535943	11.27640741	7.161945863
ENSMUSG00000042992	21.22355554	25.73783802	23.30298458	21.74735715	19.33725383
ENSMUSG00000042997	87.72402956	151.6445591	124.2825844	149.0096693	131.0636093
ENSMUSG00000043003	6.367066661	5.56493795	8.473812573	4.02728836	3.580972932
ENSMUSG00000043004	28.29807405	41.73703463	37.42600553	36.24559524	45.83645353
ENSMUSG00000043013	9.196874066	5.56493795	4.236906287	8.054576721	5.013362104



ENSMUSG00000043015	49.52162959	81.38721752	67.08434954	108.7367857	84.51096119
ENSMUSG00000043019	60.13340736	82.08283477	74.14586002	79.74030954	68.75468029
ENSMUSG00000043020	7.074518513	6.260555194	8.473812573	4.832746033	7.87814045
ENSMUSG00000043036	7.074518513	8.347406925	7.061510478	3.221830688	4.297167518
ENSMUSG00000043051	9.904325918	9.043024169	10.59226572	8.054576721	7.87814045
ENSMUSG00000043059	24.76081479	27.12907251	34.60140134	81.35122488	65.88990194
ENSMUSG00000043061	15.56394073	21.56413456	19.06607829	28.19101852	22.91822676
ENSMUSG00000043065	8.489422215	19.47728283	12.00456781	12.88732275	17.18867007
ENSMUSG00000043067	12.73413332	22.2597518	22.59683353	56.38203705	43.68786977
ENSMUSG00000043079	7.781970364	4.869320706	9.886114669	3.221830688	7.87814045
ENSMUSG00000043085	7.781970364	7.651789682	6.35535943	8.054576721	12.89150255
ENSMUSG00000043088	10.61177777	6.956172438	5.649208382	8.860034393	5.729556691
ENSMUSG00000043090	53.7663407	86.95215547	81.91352154	174.7843148	131.7798039
ENSMUSG00000043126	16.97884443	38.25894841	44.48751601	20.94189947	27.93158887
ENSMUSG00000043131	138.6605628	174.5999282	153.9409284	273.8556085	191.2239546
ENSMUSG00000043154	8.489422215	7.651789682	7.767661525	0.805457672	5.013362104
ENSMUSG00000043183	14.85648888	26.43345526	18.35992724	46.71654498	40.10689684
ENSMUSG00000043190	15.56394073	39.6501829	33.89525029	38.66196826	43.68786977
ENSMUSG00000043207	35.37259256	47.99758982	63.5535943	56.38203705	59.44415067
ENSMUSG00000043241	84.89422215	118.9505487	94.6242404	137.7332619	113.8749392
ENSMUSG00000043243	70.74518513	89.73462445	87.56272992	103.098582	81.64618284
ENSMUSG00000043257	29.0055259	50.7800588	40.95676077	37.85651059	42.25548059
ENSMUSG00000043259	8.489422215	4.869320706	5.649208382	3.221830688	8.594335036
ENSMUSG00000043262	14.14903703	19.47728283	23.30298458	12.88732275	16.47247549
ENSMUSG00000043263	138.6605628	159.2963488	137.6994543	145.7878386	105.9967988
ENSMUSG00000043284	99.04325918	111.9943762	109.4534124	202.1698757	148.2522794
ENSMUSG00000043286	7.781970364	5.56493795	6.35535943	10.47094974	5.729556691
ENSMUSG00000043289	8.489422215	5.56493795	5.649208382	4.02728836	4.297167518
ENSMUSG00000043301	4.952162959	3.478086219	2.824604191	4.832746033	10.7429188
ENSMUSG00000043323	60.13340736	67.47487265	82.61967259	97.46037832	88.09193412
ENSMUSG00000043333	7.781970364	8.347406925	6.35535943	7.249119049	5.729556691
ENSMUSG00000043336	11.31922962	10.43425866	11.29841676	5.638203705	10.02672421
ENSMUSG00000043340	7.074518513	9.738641413	5.649208382	12.08186508	8.594335036
ENSMUSG00000043346	17.68629628	13.91234488	9.179963621	5.638203705	10.02672421
ENSMUSG00000043357	19.10119998	6.956172438	4.236906287	6.443661377	7.161945863
ENSMUSG00000043366	4.244711108	6.956172438	5.649208382	6.443661377	11.45911338
ENSMUSG00000043372	90.55383696	116.1680797	115.1026208	103.9040397	111.7263555
ENSMUSG00000043384	0	0	0	0	0
ENSMUSG00000043410	10.61177777	6.260555194	5.649208382	4.02728836	8.594335036
ENSMUSG00000043411	31.12788146	48.69320706	34.60140134	104.7094974	94.5376854
ENSMUSG00000043424	0	0	0	0	0
ENSMUSG00000043448	9.196874066	9.738641413	4.943057334	13.69278043	9.310529622
ENSMUSG00000043456	4.952162959	6.956172438	4.236906287	8.054576721	5.729556691

ENSMUSG00000043461	6.367066661	6.956172438	9.179963621	5.638203705	7.161945863
ENSMUSG00000043467	27.5906222	50.08444155	45.19366706	211.0299101	173.3190899
ENSMUSG00000043472	7.074518513	6.260555194	7.061510478	2.416373016	5.013362104
ENSMUSG00000043510	23.34591109	33.3896277	26.83373982	50.74383334	50.84981563
ENSMUSG00000043531	9.904325918	4.869320706	7.767661525	7.249119049	7.87814045
ENSMUSG00000043535	14.14903703	18.78166558	17.65377619	27.38556085	33.66114556
ENSMUSG00000043541	24.05336294	25.04222078	24.00913562	22.55281482	30.08017263
ENSMUSG00000043542	2.122355554	11.1298759	7.767661525	4.02728836	5.013362104
ENSMUSG00000043549	14.14903703	10.43425866	9.179963621	21.74735715	14.32389173
ENSMUSG00000043557	6.367066661	7.651789682	7.061510478	4.02728836	4.297167518
ENSMUSG00000043587	4.952162959	7.651789682	12.00456781	6.443661377	6.445751277
ENSMUSG00000043592	7.074518513	7.651789682	6.35535943	8.860034393	10.02672421
ENSMUSG00000043614	6.367066661	6.956172438	7.767661525	6.443661377	10.02672421
ENSMUSG00000043621	7.781970364	6.260555194	6.35535943	9.665492065	4.297167518
ENSMUSG00000043629	10.61177777	5.56493795	3.530755239	4.832746033	7.87814045
ENSMUSG00000043635	8.489422215	4.869320706	5.649208382	3.221830688	4.297167518
ENSMUSG00000043639	7.074518513	6.260555194	7.767661525	3.221830688	6.445751277
ENSMUSG00000043659	7.074518513	9.043024169	5.649208382	4.832746033	4.297167518
ENSMUSG00000043668	7.074518513	3.478086219	7.767661525	5.638203705	5.729556691
ENSMUSG00000043671	7.781970364	16.69481385	13.41686991	25.77464551	17.18867007
ENSMUSG00000043673	6.367066661	6.956172438	6.35535943	2.416373016	3.580972932
ENSMUSG00000043687	7.074518513	6.260555194	11.29841676	8.054576721	8.594335036
ENSMUSG00000043716	29.0055259	45.21512085	51.54902649	166.7297381	127.4826364
ENSMUSG00000043719	4.952162959	9.043024169	6.35535943	4.832746033	9.310529622
ENSMUSG00000043733	60.13340736	95.99517964	79.7950684	103.098582	77.34901533
ENSMUSG00000043740	17.68629628	21.56413456	19.77222934	8.054576721	13.60769714
ENSMUSG00000043760	7.074518513	9.043024169	4.236906287	1.610915344	10.7429188
ENSMUSG00000043773	8.489422215	18.08604834	24.00913562	19.33098413	17.18867007
ENSMUSG00000043795	5.65961481	9.043024169	4.943057334	4.832746033	7.87814045
ENSMUSG00000043822	8.489422215	5.56493795	12.00456781	7.249119049	7.161945863
ENSMUSG00000043831	7.074518513	20.86851731	24.00913562	20.1364418	10.02672421
ENSMUSG00000043832	6.367066661	8.347406925	9.179963621	4.832746033	6.445751277
ENSMUSG00000043843	6.367066661	8.347406925	4.943057334	9.665492065	7.161945863
ENSMUSG00000043850	11.31922962	8.347406925	10.59226572	4.832746033	11.45911338
ENSMUSG00000043857	4.952162959	4.869320706	6.35535943	3.221830688	5.729556691
ENSMUSG00000043858	4.244711108	0	0	0.805457672	1.432389173
ENSMUSG00000043866	24.76081479	39.6501829	38.13215658	89.4058016	76.63282074
ENSMUSG00000043872	46.69182218	69.56172438	56.49208382	91.82217462	83.7947666
ENSMUSG00000043873	14.14903703	15.30357936	12.00456781	7.249119049	7.161945863
ENSMUSG00000043885	19.10119998	20.17290007	21.89068248	9.665492065	15.04008631
ENSMUSG00000043897	11.31922962	10.43425866	7.767661525	5.638203705	3.580972932
ENSMUSG00000043909	24.76081479	43.82388636	31.77679715	19.33098413	22.20203218
ENSMUSG00000043913	8.489422215	3.478086219	7.061510478	5.638203705	7.161945863

ENSMUSG00000043924	7.781970364	9.738641413	10.59226572	9.665492065	6.445751277
ENSMUSG00000043929	15.56394073	25.04222078	14.829172	33.82922223	25.06681052
ENSMUSG00000043931	0	0.695617244	0.706151048	0.805457672	1.432389173
ENSMUSG00000043939	7.781970364	9.738641413	5.649208382	8.054576721	6.445751277
ENSMUSG00000043940	4.952162959	3.478086219	7.767661525	4.02728836	5.013362104
ENSMUSG00000043943	11.31922962	10.43425866	10.59226572	6.443661377	8.594335036
ENSMUSG00000043953	7.074518513	13.91234488	6.35535943	12.08186508	11.45911338
ENSMUSG00000043962	2.829807405	9.043024169	14.829172	13.69278043	7.161945863
ENSMUSG00000043964	24.76081479	26.43345526	26.83373982	44.30017197	47.2688427
ENSMUSG00000043987	6.367066661	13.21672763	9.886114669	9.665492065	6.445751277
ENSMUSG00000043998	63.67066661	86.25653823	78.3827663	254.5246244	204.8316517
ENSMUSG00000044005	7.074518513	12.52111039	7.061510478	8.054576721	5.013362104
ENSMUSG00000044017	7.074518513	6.956172438	6.35535943	6.443661377	6.445751277
ENSMUSG00000044021	0	0	0	0	0
ENSMUSG00000044024	38.90985182	67.47487265	46.60596915	61.21478308	59.44415067
ENSMUSG00000044033	9.196874066	4.173703463	7.061510478	10.47094974	7.161945863
ENSMUSG00000044034	9.196874066	11.1298759	9.886114669	8.860034393	7.87814045
ENSMUSG00000044037	8.489422215	6.260555194	4.236906287	6.443661377	7.161945863
ENSMUSG00000044042	8.489422215	5.56493795	5.649208382	6.443661377	5.729556691
ENSMUSG00000044066	40.32475552	79.30036579	54.37363068	91.01671695	74.48423698
ENSMUSG00000044072	6.367066661	6.260555194	12.71071886	2.416373016	4.297167518
ENSMUSG00000044083	9.904325918	2.782468975	7.767661525	4.02728836	9.310529622
ENSMUSG00000044098	40.32475552	73.0398106	69.90895373	125.6513968	98.83485292
ENSMUSG00000044106	5.65961481	7.651789682	4.943057334	1.610915344	9.310529622
ENSMUSG00000044117	9.196874066	5.56493795	4.236906287	7.249119049	8.594335036
ENSMUSG00000044122	9.904325918	11.1298759	9.179963621	5.638203705	5.729556691
ENSMUSG00000044139	14.85648888	15.30357936	7.061510478	14.4982381	10.02672421
ENSMUSG00000044150	4.952162959	3.478086219	4.236906287	3.221830688	2.148583759
ENSMUSG00000044155	49.52162959	85.56092098	64.96589639	84.57305557	78.06520991
ENSMUSG00000044156	53.05888884	66.7792554	69.20280268	55.57657937	54.43078856
ENSMUSG00000044162	9.904325918	5.56493795	5.649208382	10.47094974	10.02672421
ENSMUSG00000044165	9.904325918	9.043024169	10.59226572	4.832746033	6.445751277
ENSMUSG00000044176	121.6817184	175.9911627	151.1163242	204.5862487	156.1304198
ENSMUSG00000044217	9.904325918	5.56493795	3.530755239	6.443661377	7.87814045
ENSMUSG00000044220	5.65961481	9.738641413	4.236906287	2.416373016	5.013362104
ENSMUSG00000044221	26.1757185	49.38882431	47.3121202	90.21125927	69.47087488
ENSMUSG00000044224	62.96321476	114.7768452	69.20280268	94.23854763	88.09193412
ENSMUSG00000044244	12.73413332	15.99919661	15.53532305	13.69278043	14.32389173
ENSMUSG00000044252	11.31922962	4.173703463	8.473812573	6.443661377	6.445751277
ENSMUSG00000044258	7.781970364	7.651789682	7.767661525	7.249119049	5.729556691
ENSMUSG00000044265	6.367066661	5.56493795	5.649208382	5.638203705	6.445751277
ENSMUSG00000044279	4.952162959	6.956172438	5.649208382	5.638203705	6.445751277
ENSMUSG00000044296	4.952162959	5.56493795	7.767661525	6.443661377	10.7429188

ENSMUSG00000044308	64.37811846	59.82308296	67.08434954	134.5114312	93.10529622
ENSMUSG00000044313	7.074518513	9.043024169	5.649208382	6.443661377	8.594335036
ENSMUSG00000044320	7.781970364	8.347406925	6.35535943	5.638203705	5.729556691
ENSMUSG00000044328	13.44158517	19.47728283	19.77222934	15.30369577	10.7429188
ENSMUSG00000044339	12.02668147	15.30357936	13.41686991	11.27640741	15.7562809
ENSMUSG00000044348	23.34591109	36.86771392	33.89525029	46.71654498	32.94495097
ENSMUSG00000044349	8.489422215	2.086851731	8.473812573	6.443661377	4.297167518
ENSMUSG00000044350	12.02668147	11.82549314	4.943057334	14.4982381	9.310529622
ENSMUSG00000044361	6.367066661	5.56493795	4.943057334	6.443661377	9.310529622
ENSMUSG00000044365	4.244711108	4.173703463	5.649208382	5.638203705	5.729556691
ENSMUSG00000044378	11.31922962	3.478086219	9.179963621	5.638203705	7.161945863
ENSMUSG00000044393	10.61177777	6.260555194	6.35535943	5.638203705	8.594335036
ENSMUSG00000044430	11.31922962	6.956172438	6.35535943	3.221830688	4.297167518
ENSMUSG00000044433	7.781970364	8.347406925	4.943057334	3.221830688	5.729556691
ENSMUSG00000044442	9.904325918	14.60796212	12.00456781	15.30369577	10.02672421
ENSMUSG00000044452	41.03220737	66.7792554	60.02283906	71.68573282	79.49759908
ENSMUSG00000044456	23.34591109	35.47647943	38.13215658	25.77464551	35.80972932
ENSMUSG00000044465	11.31922962	23.65098629	25.42143772	9.665492065	13.60769714
ENSMUSG00000044468	6.367066661	8.347406925	4.943057334	95.04400531	60.87653984
ENSMUSG00000044475	79.23460734	113.3856107	102.3919019	140.9550926	132.4959985
ENSMUSG00000044477	53.7663407	70.95295887	57.90438592	69.2693598	63.0251236
ENSMUSG00000044499	5.65961481	5.56493795	7.767661525	4.02728836	11.45911338
ENSMUSG00000044501	74.98989623	118.2549314	94.6242404	100.682209	104.5644096
ENSMUSG00000044502	31.12788146	47.30197258	47.3121202	52.35474869	42.97167518
ENSMUSG00000044522	9.904325918	9.738641413	8.473812573	2.416373016	9.310529622
ENSMUSG00000044533	14.85648888	7.651789682	9.179963621	24.96918783	22.20203218
ENSMUSG00000044544	9.904325918	7.651789682	4.943057334	4.02728836	5.729556691
ENSMUSG00000044548	5.65961481	5.56493795	7.767661525	2.416373016	3.580972932
ENSMUSG00000044550	6.367066661	3.478086219	4.943057334	4.832746033	2.148583759
ENSMUSG00000044551	11.31922962	7.651789682	13.41686991	11.27640741	7.87814045
ENSMUSG00000044562	4.952162959	2.782468975	4.236906287	8.054576721	6.445751277
ENSMUSG00000044566	81.3569629	149.5577074	123.5764334	169.9515688	147.5360848
ENSMUSG00000044573	45.98437033	57.04061399	56.49208382	70.07481747	50.13362104
ENSMUSG00000044583	26.1757185	46.60635533	43.78136496	104.7094974	50.13362104
ENSMUSG00000044594	10.61177777	11.1298759	6.35535943	7.249119049	6.445751277
ENSMUSG00000044595	5.65961481	7.651789682	12.00456781	13.69278043	16.47247549
ENSMUSG00000044600	50.22908144	66.08363816	56.49208382	81.35122488	60.16034525
ENSMUSG00000044626	5.65961481	6.956172438	11.29841676	5.638203705	3.580972932
ENSMUSG00000044627	80.64951104	118.2549314	95.33039145	101.4876667	103.1320204
ENSMUSG00000044646	9.196874066	3.478086219	7.061510478	9.665492065	7.87814045
ENSMUSG00000044647	10.61177777	4.173703463	7.767661525	4.02728836	7.161945863
ENSMUSG00000044667	8.489422215	4.869320706	8.473812573	5.638203705	10.7429188
ENSMUSG00000044676	7.074518513	8.347406925	7.061510478	8.860034393	13.60769714

ENSMUSG00000044678	9.904325918	8.347406925	13.41686991	5.638203705	11.45911338
ENSMUSG00000044681	9.196874066	6.956172438	11.29841676	3.221830688	5.013362104
ENSMUSG00000044700	48.10672589	54.25814501	63.5535943	73.29664816	68.0384857
ENSMUSG00000044702	59.42595551	80.69160028	62.84744325	124.8459392	107.429188
ENSMUSG00000044712	13.44158517	22.2597518	26.12758877	43.49471429	42.97167518
ENSMUSG00000044716	7.074518513	9.738641413	4.236906287	5.638203705	5.729556691
ENSMUSG00000044734	71.45263698	86.25653823	86.85657888	38.66196826	41.53928601
ENSMUSG00000044749	12.73413332	6.260555194	4.943057334	8.054576721	7.161945863
ENSMUSG00000044768	19.80865184	37.56333116	26.12758877	100.682209	82.36237743
ENSMUSG00000044770	15.56394073	25.73783802	14.12302096	12.08186508	19.33725383
ENSMUSG00000044783	116.0221036	121.0374004	122.1641313	292.381135	212.7097921
ENSMUSG00000044788	5.65961481	9.043024169	8.473812573	5.638203705	8.594335036
ENSMUSG00000044791	109.6550369	134.9497453	123.5764334	260.9682858	209.1288192
ENSMUSG00000044795	20.51610369	30.60715873	24.71528667	45.10562964	35.80972932
ENSMUSG00000044807	14.85648888	18.78166558	22.59683353	14.4982381	14.32389173
ENSMUSG00000044811	8.489422215	6.260555194	4.236906287	5.638203705	5.729556691
ENSMUSG00000044813	6.367066661	6.956172438	5.649208382	3.221830688	10.02672421
ENSMUSG00000044816	13.44158517	6.956172438	4.236906287	4.02728836	5.729556691
ENSMUSG00000044827	116.7295555	152.3401764	144.7609648	121.6241085	102.4158258
ENSMUSG00000044835	13.44158517	8.347406925	7.061510478	6.443661377	8.594335036
ENSMUSG00000044847	31.12788146	40.34580014	40.95676077	40.2728836	29.36397804
ENSMUSG00000044864	14.85648888	21.56413456	16.94762515	8.860034393	13.60769714
ENSMUSG00000044876	17.68629628	22.2597518	27.53989086	27.38556085	26.49919969
ENSMUSG00000044894	26.88317035	31.30277597	26.12758877	86.98942859	73.76804239
ENSMUSG00000044903	9.904325918	9.043024169	7.767661525	5.638203705	6.445751277
ENSMUSG00000044912	4.952162959	9.043024169	6.35535943	7.249119049	7.161945863
ENSMUSG00000044916	9.196874066	8.347406925	9.179963621	9.665492065	10.7429188
ENSMUSG00000044934	28.29807405	27.82468975	30.36449505	132.9005159	112.4425501
ENSMUSG00000044937	46.69182218	57.73623123	49.43057334	194.9207566	135.3607768
ENSMUSG00000044948	0	0	0	0	0.716194586
ENSMUSG00000044951	4.244711108	8.347406925	11.29841676	3.221830688	5.729556691
ENSMUSG00000044968	13.44158517	21.56413456	15.53532305	4.832746033	13.60769714
ENSMUSG00000044976	7.781970364	10.43425866	9.179963621	3.221830688	9.310529622
ENSMUSG00000044991	7.074518513	15.99919661	14.12302096	13.69278043	14.32389173
ENSMUSG00000044994	13.44158517	7.651789682	4.236906287	5.638203705	5.729556691
ENSMUSG00000045031	9.904325918	12.52111039	12.71071886	18.52552646	12.17530797
ENSMUSG00000045034	12.02668147	6.260555194	9.179963621	5.638203705	5.013362104
ENSMUSG00000045036	16.27139258	6.956172438	4.943057334	5.638203705	4.297167518
ENSMUSG00000045038	66.50047402	96.69079689	98.15499564	84.57305557	73.05184781
ENSMUSG00000045065	13.44158517	11.1298759	15.53532305	11.27640741	10.02672421
ENSMUSG00000045071	29.0055259	39.6501829	33.89525029	37.05105292	34.37734014
ENSMUSG00000045078	113.8997481	149.5577074	131.3440949	141.7605503	117.4559122
ENSMUSG00000045083	5.65961481	6.260555194	8.473812573	4.02728836	5.013362104

ENSMUSG00000045095	2.829807405	10.43425866	4.236906287	1.610915344	5.729556691
ENSMUSG00000045098	13.44158517	29.91154148	23.30298458	37.05105292	27.93158887
ENSMUSG00000045100	23.34591109	40.34580014	36.71985448	23.35827249	27.93158887
ENSMUSG00000045102	0	0	0	0	0
ENSMUSG00000045103	6.367066661	4.173703463	0.706151048	4.02728836	5.729556691
ENSMUSG00000045106	7.781970364	9.043024169	5.649208382	4.832746033	3.580972932
ENSMUSG00000045114	7.074518513	6.260555194	4.943057334	15.30369577	9.310529622
ENSMUSG00000045160	24.76081479	38.95456565	38.83830763	40.2728836	35.09353473
ENSMUSG00000045174	6.367066661	4.173703463	7.061510478	9.665492065	7.161945863
ENSMUSG00000045180	4.952162959	4.869320706	6.35535943	2.416373016	4.297167518
ENSMUSG00000045193	24.05336294	31.30277597	33.89525029	14.4982381	19.33725383
ENSMUSG00000045205	12.02668147	27.82468975	28.95219296	28.19101852	28.64778345
ENSMUSG00000045215	5.65961481	5.56493795	10.59226572	3.221830688	5.729556691
ENSMUSG00000045231	72.16008883	95.99517964	83.32582364	117.5968201	76.63282074
ENSMUSG00000045246	6.367066661	4.869320706	9.179963621	5.638203705	6.445751277
ENSMUSG00000045251	30.4204296	45.21512085	33.89525029	34.6346799	35.09353473
ENSMUSG00000045252	90.55383696	112.6899935	91.09348516	167.5351958	122.4692743
ENSMUSG00000045268	26.88317035	47.30197258	24.71528667	21.74735715	33.66114556
ENSMUSG00000045275	7.074518513	8.347406925	4.943057334	7.249119049	6.445751277
ENSMUSG00000045288	7.074518513	6.260555194	4.943057334	6.443661377	8.594335036
ENSMUSG00000045294	16.27139258	38.95456565	33.18909925	182.8388916	114.5911338
ENSMUSG00000045302	25.46826665	35.47647943	53.66747963	80.54576721	63.74131818
ENSMUSG00000045312	7.781970364	4.173703463	9.179963621	2.416373016	6.445751277
ENSMUSG00000045319	4.952162959	4.869320706	8.473812573	5.638203705	4.297167518
ENSMUSG00000045322	128.0487851	142.601535	141.9363606	169.1461111	146.1036956
ENSMUSG00000045326	7.781970364	11.1298759	7.061510478	5.638203705	12.17530797
ENSMUSG00000045328	45.98437033	42.43265187	38.13215658	70.07481747	59.44415067
ENSMUSG00000045333	6.367066661	7.651789682	9.886114669	5.638203705	1.432389173
ENSMUSG00000045348	12.02668147	13.21672763	11.29841676	11.27640741	6.445751277
ENSMUSG00000045349	0	0	0	0	0
ENSMUSG00000045350	14.85648888	5.56493795	9.179963621	6.443661377	7.87814045
ENSMUSG00000045374	65.79302217	95.2995624	96.74269354	58.79841006	65.88990194
ENSMUSG00000045404	9.904325918	13.21672763	12.00456781	15.30369577	17.90486466
ENSMUSG00000045409	99.75071103	147.4708557	135.5810012	212.6408254	171.8867007
ENSMUSG00000045410	6.367066661	9.043024169	12.71071886	10.47094974	6.445751277
ENSMUSG00000045411	0	0	0	0	0
ENSMUSG00000045427	48.81417774	75.82227957	64.25974535	107.9313281	101.6996313
ENSMUSG00000045438	29.71297775	41.04141738	39.54445867	54.7711217	60.87653984
ENSMUSG00000045455	12.02668147	6.956172438	12.00456781	16.91461111	12.17530797
ENSMUSG00000045463	7.074518513	9.043024169	5.649208382	4.02728836	7.161945863
ENSMUSG00000045466	28.29807405	36.17209668	36.71985448	18.52552646	35.09353473
ENSMUSG00000045467	9.196874066	13.91234488	7.061510478	15.30369577	10.7429188
ENSMUSG00000045482	70.03773327	91.82147618	98.15499564	99.87675134	79.49759908

ENSMUSG00000045503	12.02668147	13.21672763	13.41686991	27.38556085	22.91822676
ENSMUSG00000045519	30.4204296	56.34499675	37.42600553	26.58010318	35.80972932
ENSMUSG00000045520	5.65961481	7.651789682	7.767661525	16.91461111	7.87814045
ENSMUSG00000045576	117.4370073	143.9927695	109.4534124	243.248217	171.8867007
ENSMUSG00000045594	0	0	0	0	0
ENSMUSG00000045598	60.13340736	94.60394515	88.26888097	153.0369577	130.3474147
ENSMUSG00000045624	74.98989623	116.863697	83.32582364	182.0334339	145.387501
ENSMUSG00000045636	7.781970364	7.651789682	7.767661525	3.221830688	4.297167518
ENSMUSG00000045639	8.489422215	7.651789682	10.59226572	8.054576721	7.87814045
ENSMUSG00000045648	5.65961481	10.43425866	8.473812573	4.02728836	4.297167518
ENSMUSG00000045658	15.56394073	8.347406925	7.061510478	3.221830688	7.161945863
ENSMUSG00000045659	5.65961481	2.086851731	4.236906287	5.638203705	5.729556691
ENSMUSG00000045662	7.781970364	8.347406925	6.35535943	4.832746033	3.580972932
ENSMUSG00000045667	7.074518513	7.651789682	9.886114669	4.02728836	7.87814045
ENSMUSG00000045671	9.904325918	18.08604834	11.29841676	13.69278043	15.7562809
ENSMUSG00000045672	4.244711108	8.347406925	9.179963621	7.249119049	8.594335036
ENSMUSG00000045679	11.31922962	15.30357936	13.41686991	19.33098413	17.90486466
ENSMUSG00000045684	11.31922962	6.260555194	5.649208382	4.832746033	9.310529622
ENSMUSG00000045691	0	0	0	0	0
ENSMUSG00000045699	14.14903703	13.21672763	17.65377619	7.249119049	10.02672421
ENSMUSG00000045744	12.02668147	14.60796212	15.53532305	23.35827249	18.62105924
ENSMUSG00000045751	33.95768886	41.73703463	31.77679715	81.35122488	77.34901533
ENSMUSG00000045752	24.05336294	31.30277597	28.24604191	86.98942859	60.87653984
ENSMUSG00000045761	9.196874066	6.260555194	4.943057334	7.249119049	9.310529622
ENSMUSG00000045775	7.074518513	10.43425866	2.118453143	8.860034393	8.594335036
ENSMUSG00000045777	8.489422215	6.956172438	6.35535943	8.054576721	11.45911338
ENSMUSG00000045790	9.196874066	4.173703463	12.00456781	7.249119049	3.580972932
ENSMUSG00000045795	33.95768886	57.04061399	46.60596915	80.54576721	88.80812871
ENSMUSG00000045802	5.65961481	4.869320706	3.530755239	0.805457672	3.580972932
ENSMUSG00000045827	4.244711108	8.347406925	2.824604191	12.08186508	12.89150255
ENSMUSG00000045867	9.196874066	13.21672763	11.29841676	16.10915344	10.7429188
ENSMUSG00000045868	70.03773327	109.2119073	100.2734488	202.1698757	130.3474147
ENSMUSG00000045875	12.02668147	5.56493795	7.767661525	4.02728836	5.729556691
ENSMUSG00000045877	8.489422215	6.956172438	4.943057334	5.638203705	2.148583759
ENSMUSG00000045886	12.02668147	3.478086219	12.00456781	7.249119049	12.89150255
ENSMUSG00000045896	19.10119998	42.43265187	30.36449505	24.16373016	36.5259239
ENSMUSG00000045915	14.14903703	6.260555194	4.236906287	5.638203705	6.445751277
ENSMUSG00000045917	13.44158517	28.52030699	21.89068248	24.16373016	30.79636721
ENSMUSG00000045928	7.781970364	4.869320706	12.71071886	4.832746033	4.297167518
ENSMUSG00000045929	13.44158517	9.043024169	5.649208382	8.860034393	10.7429188
ENSMUSG00000045932	12.73413332	21.56413456	14.829172	9.665492065	11.45911338
ENSMUSG00000045934	13.44158517	8.347406925	10.59226572	10.47094974	7.87814045
ENSMUSG00000045942	132.2934962	127.9935729	136.9933033	200.5589604	143.9551119

ENSMUSG00000045962	1.414903703	6.260555194	4.943057334	16.91461111	15.7562809
ENSMUSG00000045967	5.65961481	4.173703463	7.767661525	6.443661377	12.17530797
ENSMUSG00000045973	80.64951104	104.3425866	76.97046421	72.49119049	80.92998826
ENSMUSG00000045980	23.34591109	23.65098629	31.77679715	23.35827249	23.63442135
ENSMUSG00000045983	63.67066661	90.43024169	93.91808935	294.797508	204.8316517
ENSMUSG00000045991	12.02668147	7.651789682	3.530755239	4.832746033	7.87814045
ENSMUSG00000045994	8.489422215	2.086851731	4.943057334	8.054576721	6.445751277
ENSMUSG00000045996	20.51610369	35.47647943	19.06607829	41.88379895	46.55264811
ENSMUSG00000046020	58.71850365	74.43104508	57.90438592	219.8899445	148.2522794
ENSMUSG00000046027	71.45263698	97.38641413	86.85657888	62.82569842	61.59273443
ENSMUSG00000046032	31.83533331	49.38882431	33.18909925	42.68925662	35.09353473
ENSMUSG00000046056	6.367066661	4.173703463	5.649208382	7.249119049	4.297167518
ENSMUSG00000046079	36.78749627	68.86610713	58.61053696	56.38203705	64.45751277
ENSMUSG00000046080	4.244711108	5.56493795	10.59226572	4.02728836	4.297167518
ENSMUSG00000046085	55.1812444	82.77845201	80.50121945	57.99295239	55.14698315
ENSMUSG00000046101	10.61177777	9.043024169	6.35535943	6.443661377	4.297167518
ENSMUSG00000046109	4.952162959	4.173703463	2.824604191	4.832746033	6.445751277
ENSMUSG00000046110	20.51610369	41.73703463	36.71985448	32.21830688	43.68786977
ENSMUSG00000046111	30.4204296	54.95376226	47.3121202	103.098582	72.33565322
ENSMUSG00000046138	44.56946663	82.77845201	74.14586002	74.9075635	62.30892901
ENSMUSG00000046152	7.074518513	10.43425866	5.649208382	4.832746033	4.297167518
ENSMUSG00000046157	8.489422215	19.47728283	15.53532305	8.860034393	14.32389173
ENSMUSG00000046159	9.196874066	3.478086219	4.943057334	5.638203705	3.580972932
ENSMUSG00000046169	32.54278516	49.38882431	37.42600553	24.96918783	41.53928601
ENSMUSG00000046179	16.27139258	19.47728283	14.829172	34.6346799	30.79636721
ENSMUSG00000046180	7.781970364	2.782468975	1.412302096	2.416373016	2.148583759
ENSMUSG00000046185	61.54831106	109.9075245	112.9841676	135.3168889	110.2939663
ENSMUSG00000046203	9.196874066	6.956172438	9.886114669	4.02728836	5.013362104
ENSMUSG00000046204	9.196874066	3.478086219	4.943057334	4.832746033	7.161945863
ENSMUSG00000046207	4.952162959	7.651789682	9.886114669	28.19101852	25.06681052
ENSMUSG00000046223	73.57499253	101.5601176	79.08891735	44.30017197	60.87653984
ENSMUSG00000046230	53.05888884	105.7338211	106.6288082	95.84946298	83.07857202
ENSMUSG00000046245	9.196874066	7.651789682	9.886114669	11.27640741	9.310529622
ENSMUSG00000046262	9.904325918	9.043024169	9.886114669	8.860034393	6.445751277
ENSMUSG00000046269	5.65961481	6.956172438	5.649208382	4.832746033	7.161945863
ENSMUSG00000046295	15.56394073	18.78166558	17.65377619	38.66196826	39.39070225
ENSMUSG00000046311	55.88869625	70.25734162	55.78593277	189.2825529	152.5494469
ENSMUSG00000046314	8.489422215	7.651789682	11.29841676	5.638203705	5.729556691
ENSMUSG00000046317	6.367066661	9.043024169	7.767661525	4.02728836	5.013362104
ENSMUSG00000046318	8.489422215	7.651789682	7.061510478	4.02728836	5.729556691
ENSMUSG00000046324	13.44158517	34.78086219	28.24604191	41.88379895	37.95831308
ENSMUSG00000046329	4.952162959	6.260555194	10.59226572	6.443661377	5.729556691
ENSMUSG00000046330	25.46826665	43.82388636	45.8998181	186.0607223	136.793166



ENSMUSG00000046337	9.904325918	9.738641413	4.236906287	7.249119049	3.580972932
ENSMUSG00000046351	48.10672589	75.12666233	57.19823487	75.71302118	50.84981563
ENSMUSG00000046364	1.414903703	1.391234488	4.236906287	3.221830688	0.716194586
ENSMUSG00000046367	7.781970364	11.82549314	12.00456781	8.860034393	13.60769714
ENSMUSG00000046378	7.074518513	7.651789682	6.35535943	10.47094974	6.445751277
ENSMUSG00000046402	9.904325918	4.869320706	6.35535943	5.638203705	7.87814045
ENSMUSG00000046408	14.85648888	18.08604834	17.65377619	21.74735715	23.63442135
ENSMUSG00000046410	5.65961481	4.869320706	11.29841676	5.638203705	7.161945863
ENSMUSG00000046417	29.0055259	43.12826911	36.01370344	39.46742593	39.39070225
ENSMUSG00000046432	2.122355554	2.086851731	4.943057334	5.638203705	3.580972932
ENSMUSG00000046434	33.95768886	61.9099347	49.43057334	247.2755053	200.5344842
ENSMUSG00000046449	4.952162959	4.173703463	3.530755239	0.805457672	0.716194586
ENSMUSG00000046456	7.781970364	7.651789682	7.061510478	8.054576721	5.013362104
ENSMUSG00000046460	5.65961481	1.391234488	2.824604191	2.416373016	2.148583759
ENSMUSG00000046491	4.244711108	4.173703463	8.473812573	4.02728836	7.161945863
ENSMUSG00000046516	0	0	0	0	0
ENSMUSG00000046519	55.88869625	98.08203137	60.02283906	67.65844446	63.0251236
ENSMUSG00000046548	12.02668147	10.43425866	7.767661525	5.638203705	4.297167518
ENSMUSG00000046567	9.904325918	11.82549314	12.71071886	12.88732275	13.60769714
ENSMUSG00000046572	12.73413332	6.956172438	8.473812573	11.27640741	13.60769714
ENSMUSG00000046591	72.86754068	77.9091313	69.20280268	140.1496349	95.97007457
ENSMUSG00000046598	12.73413332	6.260555194	7.061510478	4.832746033	15.04008631
ENSMUSG00000046603	18.39374813	30.60715873	29.65834401	15.30369577	26.49919969
ENSMUSG00000046605	7.074518513	19.47728283	12.71071886	12.08186508	13.60769714
ENSMUSG00000046610	6.367066661	7.651789682	7.767661525	8.054576721	7.161945863
ENSMUSG00000046613	4.952162959	4.173703463	5.649208382	11.27640741	6.445751277
ENSMUSG00000046658	10.61177777	13.21672763	16.2414741	8.054576721	17.90486466
ENSMUSG00000046667	54.47379255	91.12585893	88.26888097	78.93485187	83.7947666
ENSMUSG00000046671	14.14903703	18.08604834	31.0706461	17.72006879	24.35061594
ENSMUSG00000046679	10.61177777	20.17290007	19.06607829	42.68925662	32.94495097
ENSMUSG00000046688	26.88317035	19.47728283	19.06607829	11.27640741	16.47247549
ENSMUSG00000046691	123.0966221	178.0780144	146.1732669	299.630254	215.5745705
ENSMUSG00000046697	7.074518513	9.738641413	2.824604191	6.443661377	7.161945863
ENSMUSG00000046699	2.829807405	4.869320706	3.530755239	3.221830688	2.864778345
ENSMUSG00000046709	8.489422215	4.173703463	5.649208382	5.638203705	3.580972932
ENSMUSG00000046711	76.40479994	70.25734162	76.97046421	227.9445212	146.8198902
ENSMUSG00000046722	96.92090362	140.5146832	139.1117564	317.3503228	219.871738
ENSMUSG00000046727	5.65961481	4.869320706	8.473812573	4.832746033	5.013362104
ENSMUSG00000046750	7.074518513	1.391234488	4.943057334	5.638203705	12.89150255
ENSMUSG00000046753	22.63845924	27.82468975	24.71528667	25.77464551	25.06681052
ENSMUSG00000046756	33.25023701	58.43184848	44.48751601	160.2860767	135.3607768
ENSMUSG00000046761	4.952162959	5.56493795	7.061510478	9.665492065	5.729556691
ENSMUSG00000046764	9.904325918	9.043024169	5.649208382	5.638203705	2.148583759

ENSMUSG00000046768	6.367066661	4.869320706	9.179963621	4.832746033	2.148583759
ENSMUSG00000046774	2.122355554	7.651789682	2.118453143	2.416373016	2.148583759
ENSMUSG00000046782	11.31922962	9.043024169	4.943057334	9.665492065	5.729556691
ENSMUSG00000046798	3.537259256	5.56493795	9.179963621	7.249119049	4.297167518
ENSMUSG00000046804	4.244711108	8.347406925	5.649208382	7.249119049	6.445751277
ENSMUSG00000046806	7.074518513	20.86851731	27.53989086	41.07834128	32.94495097
ENSMUSG00000046807	6.367066661	8.347406925	14.829172	6.443661377	8.594335036
ENSMUSG00000046822	8.489422215	17.39043109	23.30298458	17.72006879	21.48583759
ENSMUSG00000046836	171.9107999	175.9911627	144.7609648	255.3300821	180.4810358
ENSMUSG00000046854	6.367066661	13.91234488	8.473812573	9.665492065	18.62105924
ENSMUSG00000046856	8.489422215	5.56493795	7.061510478	6.443661377	7.87814045
ENSMUSG00000046862	12.02668147	25.04222078	16.2414741	12.88732275	37.24211849
ENSMUSG00000046873	18.39374813	29.91154148	31.0706461	41.88379895	40.10689684
ENSMUSG00000046876	8.489422215	22.2597518	19.06607829	91.01671695	63.74131818
ENSMUSG00000046881	11.31922962	7.651789682	9.179963621	11.27640741	10.02672421
ENSMUSG00000046897	35.37259256	65.38802092	59.31668801	36.24559524	42.97167518
ENSMUSG00000046942	7.074518513	4.869320706	5.649208382	1.610915344	2.148583759
ENSMUSG00000046947	14.14903703	22.95536904	19.77222934	13.69278043	17.90486466
ENSMUSG00000046949	18.39374813	22.95536904	23.30298458	20.94189947	12.17530797
ENSMUSG00000046959	12.02668147	15.30357936	22.59683353	12.08186508	12.89150255
ENSMUSG00000046962	26.88317035	56.34499675	43.07521391	51.54929101	45.12025894
ENSMUSG00000046982	17.68629628	18.08604834	28.95219296	40.2728836	39.39070225
ENSMUSG00000046985	79.94205919	93.90832791	98.86114669	110.3477011	95.97007457
ENSMUSG00000047003	21.93100739	18.08604834	24.71528667	9.665492065	15.7562809
ENSMUSG00000047013	7.781970364	4.173703463	9.179963621	8.054576721	5.729556691
ENSMUSG00000047021	6.367066661	6.260555194	9.886114669	8.054576721	11.45911338
ENSMUSG00000047022	0	0	2.118453143	0.805457672	0.716194586
ENSMUSG00000047030	62.25576291	91.12585893	81.20737049	134.5114312	90.95671247
ENSMUSG00000047045	9.196874066	15.30357936	18.35992724	16.91461111	17.18867007
ENSMUSG00000047061	7.074518513	3.478086219	3.530755239	10.47094974	12.17530797
ENSMUSG00000047085	4.952162959	3.478086219	2.824604191	7.249119049	6.445751277
ENSMUSG00000047090	24.05336294	34.08524495	36.01370344	33.02376456	30.79636721
ENSMUSG00000047098	21.22355554	42.43265187	51.54902649	180.4225185	118.1721067
ENSMUSG00000047109	7.781970364	7.651789682	7.767661525	6.443661377	9.310529622
ENSMUSG00000047115	9.196874066	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000047117	4.244711108	5.56493795	3.530755239	4.832746033	5.013362104
ENSMUSG00000047126	161.2990221	193.3815938	152.5286263	356.0122911	248.5195215
ENSMUSG00000047129	7.074518513	4.869320706	4.236906287	4.02728836	6.445751277
ENSMUSG00000047146	10.61177777	3.478086219	9.886114669	8.054576721	2.864778345
ENSMUSG00000047155	7.781970364	8.347406925	4.943057334	5.638203705	4.297167518
ENSMUSG00000047161	4.952162959	5.56493795	4.236906287	4.832746033	5.729556691
ENSMUSG00000047181	5.65961481	4.869320706	3.530755239	7.249119049	5.013362104
ENSMUSG00000047193	91.26128881	157.9051143	121.4579802	182.8388916	161.1437819

ENSMUSG00000047205	9.196874066	5.56493795	10.59226572	6.443661377	2.864778345
ENSMUSG00000047213	43.86201478	75.12666233	59.31668801	138.5387196	114.5911338
ENSMUSG00000047215	65.79302217	95.2995624	84.03197468	269.0228625	202.6830679
ENSMUSG00000047237	11.31922962	4.173703463	7.061510478	5.638203705	3.580972932
ENSMUSG00000047242	2.829807405	4.173703463	6.35535943	6.443661377	1.432389173
ENSMUSG00000047248	69.33028142	99.47326586	86.85657888	88.60034393	73.76804239
ENSMUSG00000047250	9.904325918	4.173703463	8.473812573	6.443661377	5.729556691
ENSMUSG00000047257	9.904325918	6.260555194	9.179963621	10.47094974	7.161945863
ENSMUSG00000047284	12.02668147	20.17290007	21.18453143	32.21830688	25.78300511
ENSMUSG00000047295	0.707451851	0	0	0	0
ENSMUSG00000047342	7.074518513	6.956172438	11.29841676	4.832746033	7.87814045
ENSMUSG00000047361	13.44158517	5.56493795	7.767661525	9.665492065	5.729556691
ENSMUSG00000047369	8.489422215	11.1298759	7.061510478	8.860034393	10.02672421
ENSMUSG00000047370	9.196874066	12.52111039	7.061510478	18.52552646	16.47247549
ENSMUSG00000047384	7.074518513	4.869320706	9.179963621	4.02728836	7.87814045
ENSMUSG00000047388	31.12788146	45.91073809	41.66291182	25.77464551	35.09353473
ENSMUSG00000047407	3.537259256	17.39043109	11.29841676	83.7675979	79.49759908
ENSMUSG00000047409	3.537259256	2.782468975	4.236906287	3.221830688	3.580972932
ENSMUSG00000047412	52.35143699	77.9091313	68.49665163	86.98942859	82.36237743
ENSMUSG00000047415	10.61177777	7.651789682	9.179963621	12.08186508	5.729556691
ENSMUSG00000047417	187.4747406	213.5544938	198.4284444	221.5008598	167.5895332
ENSMUSG00000047428	4.952162959	7.651789682	6.35535943	3.221830688	7.87814045
ENSMUSG00000047434	17.68629628	31.30277597	31.0706461	33.82922223	40.82309142
ENSMUSG00000047443	9.196874066	7.651789682	4.943057334	9.665492065	7.87814045
ENSMUSG00000047446	19.80865184	35.47647943	28.95219296	45.10562964	34.37734014
ENSMUSG00000047454	9.196874066	31.99839321	22.59683353	73.29664816	75.91662615
ENSMUSG00000047459	121.6817184	170.4262247	158.8839857	130.4841429	118.8883013
ENSMUSG00000047462	10.61177777	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000047473	9.904325918	16.69481385	14.12302096	4.832746033	5.729556691
ENSMUSG00000047490	11.31922962	5.56493795	6.35535943	7.249119049	6.445751277
ENSMUSG00000047495	4.952162959	3.478086219	7.767661525	4.02728836	7.161945863
ENSMUSG00000047502	12.73413332	8.347406925	4.236906287	5.638203705	6.445751277
ENSMUSG00000047507	4.952162959	6.260555194	5.649208382	12.88732275	5.729556691
ENSMUSG00000047517	9.904325918	4.869320706	4.236906287	6.443661377	7.87814045
ENSMUSG00000047528	6.367066661	13.91234488	10.59226572	8.860034393	13.60769714
ENSMUSG00000047534	56.5961481	49.38882431	51.54902649	103.098582	77.34901533
ENSMUSG00000047547	12.02668147	13.91234488	16.2414741	13.69278043	6.445751277
ENSMUSG00000047554	17.68629628	36.17209668	27.53989086	50.74383334	46.55264811
ENSMUSG00000047592	14.14903703	6.956172438	7.061510478	8.054576721	8.594335036
ENSMUSG00000047613	24.05336294	13.91234488	19.06607829	33.02376456	29.36397804
ENSMUSG00000047617	33.95768886	41.04141738	48.01827125	35.44013757	40.82309142
ENSMUSG00000047632	68.62282957	90.43024169	45.8998181	114.3749894	119.6044959
ENSMUSG00000047638	7.074518513	6.260555194	7.767661525	4.02728836	3.580972932

ENSMUSG00000047642	5.65961481	5.56493795	12.00456781	4.832746033	6.445751277
ENSMUSG00000047648	11.31922962	22.2597518	19.06607829	28.9964762	27.21539428
ENSMUSG00000047661	7.781970364	4.173703463	10.59226572	5.638203705	7.161945863
ENSMUSG00000047675	0	0	0	0	0
ENSMUSG00000047676	7.781970364	13.91234488	12.00456781	16.91461111	10.7429188
ENSMUSG00000047692	7.074518513	12.52111039	10.59226572	8.054576721	5.013362104
ENSMUSG00000047694	2.829807405	2.782468975	2.118453143	7.249119049	6.445751277
ENSMUSG00000047696	12.02668147	10.43425866	4.943057334	4.02728836	5.013362104
ENSMUSG00000047714	89.84638511	115.4724625	117.2210739	137.7332619	110.2939663
ENSMUSG00000047728	12.02668147	6.260555194	7.061510478	3.221830688	4.297167518
ENSMUSG00000047730	11.31922962	5.56493795	5.649208382	8.860034393	10.7429188
ENSMUSG00000047731	106.8252295	127.9935729	136.2871522	110.3477011	111.0101609
ENSMUSG00000047733	16.97884443	22.2597518	25.42143772	16.91461111	16.47247549
ENSMUSG00000047735	135.1233036	172.5130765	139.1117564	206.1971641	149.6846685
ENSMUSG00000047746	10.61177777	4.173703463	9.886114669	4.832746033	9.310529622
ENSMUSG00000047747	5.65961481	6.260555194	10.59226572	4.02728836	8.594335036
ENSMUSG00000047757	12.02668147	22.95536904	14.829172	37.85651059	30.79636721
ENSMUSG00000047766	5.65961481	2.782468975	5.649208382	8.054576721	11.45911338
ENSMUSG00000047767	55.88869625	86.95215547	79.7950684	49.93837567	59.44415067
ENSMUSG00000047786	9.196874066	7.651789682	12.00456781	7.249119049	8.594335036
ENSMUSG00000047793	6.367066661	4.869320706	7.767661525	8.054576721	7.87814045
ENSMUSG00000047797	5.65961481	2.086851731	4.236906287	3.221830688	4.297167518
ENSMUSG00000047798	9.196874066	16.69481385	14.12302096	12.88732275	16.47247549
ENSMUSG00000047799	7.781970364	3.478086219	9.886114669	1.610915344	4.297167518
ENSMUSG00000047804	58.0110518	77.21351406	67.79050059	127.2623122	93.10529622
ENSMUSG00000047821	10.61177777	6.260555194	9.886114669	8.054576721	7.87814045
ENSMUSG00000047824	28.29807405	36.17209668	43.07521391	69.2693598	52.2822048
ENSMUSG00000047828	10.61177777	6.956172438	4.943057334	5.638203705	5.013362104
ENSMUSG00000047843	12.02668147	7.651789682	9.179963621	4.02728836	9.310529622
ENSMUSG00000047866	44.56946663	62.60555194	53.66747963	57.18749472	58.72795608
ENSMUSG00000047867	137.2456591	193.3815938	169.4762515	265.8010318	205.5478463
ENSMUSG00000047878	10.61177777	5.56493795	5.649208382	8.054576721	15.04008631
ENSMUSG00000047879	42.447111108	69.56172438	69.20280268	136.1223466	103.1320204
ENSMUSG00000047880	7.781970364	13.21672763	12.00456781	8.860034393	12.17530797
ENSMUSG00000047881	24.76081479	36.17209668	30.36449505	16.91461111	21.48583759
ENSMUSG00000047897	13.44158517	8.347406925	9.886114669	4.02728836	3.580972932
ENSMUSG00000047907	8.489422215	4.869320706	9.179963621	4.832746033	10.7429188
ENSMUSG00000047909	50.93653329	70.95295887	71.32125582	78.93485187	75.20043157
ENSMUSG00000047921	14.85648888	14.60796212	8.473812573	20.1364418	23.63442135
ENSMUSG00000047940	6.367066661	6.956172438	7.061510478	5.638203705	5.729556691
ENSMUSG00000047986	8.489422215	12.52111039	7.061510478	10.47094974	5.729556691
ENSMUSG00000047989	70.74518513	82.08283477	70.61510478	63.6311561	69.47087488
ENSMUSG00000047992	6.367066661	3.478086219	7.061510478	4.02728836	5.013362104

ENSMUSG00000047996	4.244711108	2.782468975	4.943057334	4.02728836	3.580972932
ENSMUSG00000048000	21.22355554	29.91154148	36.71985448	95.04400531	68.75468029
ENSMUSG00000048003	8.489422215	7.651789682	5.649208382	8.054576721	3.580972932
ENSMUSG00000048004	9.196874066	3.478086219	6.35535943	6.443661377	4.297167518
ENSMUSG00000048012	30.4204296	57.04061399	55.07978173	49.93837567	50.13362104
ENSMUSG00000048022	7.781970364	4.869320706	4.943057334	4.02728836	7.161945863
ENSMUSG00000048029	8.489422215	12.52111039	12.71071886	8.860034393	8.594335036
ENSMUSG00000048058	15.56394073	21.56413456	18.35992724	6.443661377	11.45911338
ENSMUSG00000048076	152.8095999	165.556904	155.3532305	321.3776112	228.466073
ENSMUSG00000048078	6.367066661	5.56493795	6.35535943	9.665492065	6.445751277
ENSMUSG00000048100	20.51610369	41.04141738	46.60596915	29.80193387	35.80972932
ENSMUSG00000048106	21.22355554	25.04222078	26.83373982	41.88379895	32.94495097
ENSMUSG00000048108	3.537259256	8.347406925	9.179963621	5.638203705	9.310529622
ENSMUSG00000048109	104.702874	118.2549314	113.6903187	271.4392355	205.5478463
ENSMUSG00000048118	82.7718666	124.5154866	108.7472614	230.3608942	186.926787
ENSMUSG00000048120	4.952162959	7.651789682	9.179963621	7.249119049	12.17530797
ENSMUSG00000048126	9.196874066	6.260555194	4.236906287	6.443661377	8.594335036
ENSMUSG00000048148	7.781970364	4.173703463	5.649208382	1.610915344	7.87814045
ENSMUSG00000048154	203.7461332	230.2493077	230.9113926	401.9233784	285.76164
ENSMUSG00000048163	38.90985182	50.7800588	52.25517753	202.1698757	147.5360848
ENSMUSG00000048170	87.72402956	137.7322143	108.0411103	208.6135371	173.3190899
ENSMUSG00000048175	7.074518513	9.738641413	12.71071886	8.054576721	11.45911338
ENSMUSG00000048186	6.367066661	4.869320706	5.649208382	2.416373016	5.013362104
ENSMUSG00000048191	4.244711108	3.478086219	7.061510478	8.054576721	10.02672421
ENSMUSG00000048200	7.074518513	10.43425866	12.71071886	9.665492065	15.04008631
ENSMUSG00000048216	4.952162959	6.956172438	7.767661525	11.27640741	5.729556691
ENSMUSG00000048217	9.196874066	7.651789682	8.473812573	8.860034393	4.297167518
ENSMUSG00000048231	9.196874066	6.956172438	9.179963621	7.249119049	6.445751277
ENSMUSG00000048232	7.781970364	16.69481385	14.829172	11.27640741	12.17530797
ENSMUSG00000048234	12.73413332	24.34660353	26.12758877	46.71654498	36.5259239
ENSMUSG00000048240	10.61177777	6.260555194	7.061510478	8.054576721	5.013362104
ENSMUSG00000048249	38.90985182	66.7792554	53.66747963	29.80193387	31.5125618
ENSMUSG00000048251	7.074518513	4.869320706	7.061510478	5.638203705	5.013362104
ENSMUSG00000048264	8.489422215	9.738641413	7.061510478	10.47094974	10.02672421
ENSMUSG00000048271	140.0754665	164.8612868	147.585569	188.4770953	152.5494469
ENSMUSG00000048277	0	0	0	0	0
ENSMUSG00000048279	9.196874066	5.56493795	9.179963621	4.832746033	5.729556691
ENSMUSG00000048280	7.781970364	11.1298759	9.179963621	12.88732275	9.310529622
ENSMUSG00000048330	9.904325918	7.651789682	8.473812573	4.832746033	8.594335036
ENSMUSG00000048332	4.244711108	5.56493795	7.767661525	4.02728836	7.87814045
ENSMUSG00000048351	29.71297775	39.6501829	42.36906287	59.60386773	51.56601022
ENSMUSG00000048400	9.196874066	4.869320706	11.29841676	4.02728836	7.161945863
ENSMUSG00000048402	10.61177777	6.956172438	9.179963621	8.860034393	7.87814045

ENSMUSG00000048410	25.46826665	52.17129328	47.3121202	71.68573282	76.63282074
ENSMUSG00000048416	9.196874066	11.1298759	7.767661525	3.221830688	5.729556691
ENSMUSG00000048429	28.29807405	46.60635533	40.25060972	70.07481747	74.48423698
ENSMUSG00000048439	7.781970364	17.39043109	14.829172	27.38556085	25.06681052
ENSMUSG00000048440	13.44158517	10.43425866	11.29841676	8.860034393	13.60769714
ENSMUSG00000048442	12.73413332	22.95536904	25.42143772	13.69278043	17.90486466
ENSMUSG00000048450	4.952162959	5.56493795	6.35535943	4.02728836	5.729556691
ENSMUSG00000048473	12.02668147	8.347406925	7.767661525	6.443661377	6.445751277
ENSMUSG00000048481	4.244711108	9.738641413	6.35535943	8.054576721	5.729556691
ENSMUSG00000048482	4.244711108	1.391234488	3.530755239	0.805457672	1.432389173
ENSMUSG00000048484	4.244711108	6.956172438	9.886114669	6.443661377	5.013362104
ENSMUSG00000048485	7.074518513	13.21672763	6.35535943	11.27640741	10.02672421
ENSMUSG00000048489	18.39374813	15.99919661	28.95219296	5.638203705	10.02672421
ENSMUSG00000048490	12.02668147	18.08604834	24.00913562	21.74735715	27.93158887
ENSMUSG00000048495	62.25576291	111.298759	95.33039145	132.0950582	111.0101609
ENSMUSG00000048497	33.25023701	47.99758982	33.18909925	32.21830688	40.82309142
ENSMUSG00000048502	10.61177777	4.869320706	9.179963621	8.054576721	6.445751277
ENSMUSG00000048520	17.68629628	18.08604834	22.59683353	24.96918783	36.5259239
ENSMUSG00000048537	1.414903703	1.391234488	3.530755239	2.416373016	4.297167518
ENSMUSG00000048544	8.489422215	5.56493795	6.35535943	4.832746033	6.445751277
ENSMUSG00000048550	11.31922962	18.08604834	16.94762515	4.832746033	13.60769714
ENSMUSG00000048578	43.86201478	57.04061399	57.19823487	132.0950582	116.7397176
ENSMUSG00000048581	5.65961481	13.21672763	6.35535943	6.443661377	6.445751277
ENSMUSG00000048583	7.074518513	2.086851731	2.824604191	4.832746033	6.445751277
ENSMUSG00000048612	8.489422215	16.69481385	10.59226572	5.638203705	10.7429188
ENSMUSG00000048617	5.65961481	4.869320706	7.767661525	5.638203705	5.013362104
ENSMUSG00000048652	6.367066661	5.56493795	5.649208382	6.443661377	4.297167518
ENSMUSG00000048655	10.61177777	8.347406925	6.35535943	7.249119049	5.013362104
ENSMUSG00000048661	65.08557032	88.34338996	65.67204744	83.7675979	99.5510475
ENSMUSG00000048668	57.30359995	69.56172438	55.78593277	117.5968201	96.68626916
ENSMUSG00000048696	14.14903703	29.91154148	34.60140134	18.52552646	31.5125618
ENSMUSG00000048701	84.1867703	111.298759	100.2734488	157.0642461	128.9150255
ENSMUSG00000048728	7.074518513	5.56493795	5.649208382	4.832746033	2.864778345
ENSMUSG00000048731	0.707451851	2.086851731	2.118453143	1.610915344	0
ENSMUSG00000048747	4.952162959	11.82549314	4.943057334	6.443661377	9.310529622
ENSMUSG00000048756	32.54278516	61.21431745	45.8998181	25.77464551	32.94495097
ENSMUSG00000048758	12.02668147	20.17290007	23.30298458	188.4770953	113.1587446
ENSMUSG00000048763	9.904325918	2.086851731	9.886114669	6.443661377	4.297167518
ENSMUSG00000048764	7.781970364	6.260555194	13.41686991	2.416373016	7.161945863
ENSMUSG00000048772	5.65961481	4.173703463	9.179963621	8.860034393	5.729556691
ENSMUSG00000048775	10.61177777	6.260555194	7.767661525	6.443661377	3.580972932
ENSMUSG00000048782	5.65961481	6.260555194	4.236906287	8.054576721	9.310529622
ENSMUSG00000048787	29.0055259	37.56333116	41.66291182	33.82922223	30.79636721

ENSMUSG00000048794	5.65961481	6.260555194	7.767661525	4.832746033	4.297167518
ENSMUSG00000048814	7.074518513	6.956172438	8.473812573	8.054576721	2.864778345
ENSMUSG00000048834	4.244711108	7.651789682	6.35535943	4.02728836	4.297167518
ENSMUSG00000048852	0	1.391234488	0	0.805457672	0.716194586
ENSMUSG00000048865	0	0	0	0	0
ENSMUSG00000048874	36.78749627	61.9099347	48.01827125	86.18397091	78.7814045
ENSMUSG00000048895	8.489422215	22.95536904	12.71071886	95.04400531	75.91662615
ENSMUSG00000048897	16.97884443	14.60796212	17.65377619	24.16373016	29.36397804
ENSMUSG00000048911	6.367066661	20.17290007	16.2414741	24.96918783	26.49919969
ENSMUSG00000048915	3.537259256	5.56493795	10.59226572	2.416373016	8.594335036
ENSMUSG00000048921	31.83533331	72.34419335	62.1412922	142.566008	101.6996313
ENSMUSG00000048922	36.78749627	54.95376226	46.60596915	124.8459392	103.1320204
ENSMUSG00000048924	19.10119998	38.25894841	45.19366706	20.1364418	24.35061594
ENSMUSG00000048930	79.23460734	95.2995624	103.804204	222.3063175	163.2923657
ENSMUSG00000048938	2.122355554	9.738641413	9.886114669	2.416373016	7.161945863
ENSMUSG00000048939	7.074518513	3.478086219	7.767661525	3.221830688	6.445751277
ENSMUSG00000048960	8.489422215	8.347406925	6.35535943	6.443661377	5.729556691
ENSMUSG00000048978	4.952162959	8.347406925	4.943057334	7.249119049	1.432389173
ENSMUSG00000048997	16.97884443	34.08524495	31.0706461	22.55281482	23.63442135
ENSMUSG00000049044	7.074518513	4.173703463	6.35535943	8.860034393	5.013362104
ENSMUSG00000049047	0.707451851	2.086851731	1.412302096	1.610915344	0
ENSMUSG00000049100	6.367066661	8.347406925	4.943057334	3.221830688	5.729556691
ENSMUSG00000049103	7.074518513	6.956172438	10.59226572	9.665492065	10.02672421
ENSMUSG00000049107	6.367066661	4.173703463	6.35535943	4.02728836	6.445751277
ENSMUSG00000049109	10.61177777	4.869320706	4.943057334	3.221830688	5.013362104
ENSMUSG00000049115	10.61177777	7.651789682	7.061510478	8.054576721	5.729556691
ENSMUSG00000049119	7.781970364	8.347406925	5.649208382	3.221830688	5.013362104
ENSMUSG00000049122	7.781970364	9.738641413	9.886114669	1.610915344	2.864778345
ENSMUSG00000049123	4.952162959	9.043024169	6.35535943	5.638203705	6.445751277
ENSMUSG00000049124	6.367066661	2.086851731	7.061510478	9.665492065	5.013362104
ENSMUSG00000049134	5.65961481	5.56493795	2.824604191	5.638203705	5.013362104
ENSMUSG00000049152	3.537259256	11.82549314	9.886114669	7.249119049	6.445751277
ENSMUSG00000049154	4.952162959	6.260555194	7.767661525	4.02728836	2.148583759
ENSMUSG00000049176	7.074518513	1.391234488	4.236906287	5.638203705	2.148583759
ENSMUSG00000049191	8.489422215	5.56493795	4.236906287	4.832746033	4.297167518
ENSMUSG00000049214	7.074518513	6.956172438	8.473812573	6.443661377	5.729556691
ENSMUSG00000049225	14.14903703	22.95536904	17.65377619	16.10915344	19.33725383
ENSMUSG00000049252	8.489422215	6.260555194	5.649208382	4.832746033	8.594335036
ENSMUSG00000049281	7.781970364	5.56493795	7.061510478	4.832746033	5.729556691
ENSMUSG00000049295	13.44158517	17.39043109	15.53532305	14.4982381	15.04008631
ENSMUSG00000049299	10.61177777	11.1298759	16.94762515	14.4982381	16.47247549
ENSMUSG00000049300	24.05336294	49.38882431	46.60596915	103.098582	92.38910164
ENSMUSG00000049303	6.367066661	6.260555194	7.767661525	3.221830688	10.7429188

ENSMUSG00000049314	4.244711108	11.82549314	7.767661525	8.054576721	12.89150255
ENSMUSG00000049321	11.31922962	27.12907251	13.41686991	12.08186508	10.02672421
ENSMUSG00000049327	30.4204296	41.73703463	38.13215658	63.6311561	49.41742646
ENSMUSG00000049336	13.44158517	8.347406925	7.061510478	4.832746033	6.445751277
ENSMUSG00000049339	28.29807405	35.47647943	47.3121202	69.2693598	60.16034525
ENSMUSG00000049353	7.781970364	3.478086219	9.886114669	4.02728836	5.013362104
ENSMUSG00000049357	9.196874066	6.956172438	5.649208382	7.249119049	7.161945863
ENSMUSG00000049387	9.904325918	6.956172438	8.473812573	1.610915344	5.729556691
ENSMUSG00000049401	62.25576291	75.82227957	82.61967259	219.0844868	138.9417498
ENSMUSG00000049404	9.904325918	4.869320706	5.649208382	1.610915344	2.864778345
ENSMUSG00000049410	7.074518513	9.043024169	4.943057334	8.054576721	5.729556691
ENSMUSG00000049411	32.54278516	47.99758982	34.60140134	26.58010318	31.5125618
ENSMUSG00000049421	41.03220737	62.60555194	66.37819849	47.52200265	47.2688427
ENSMUSG00000049427	4.952162959	4.173703463	3.530755239	4.832746033	5.013362104
ENSMUSG00000049439	18.39374813	30.60715873	22.59683353	30.60739154	22.91822676
ENSMUSG00000049470	74.98989623	102.2557348	113.6903187	135.3168889	109.5777717
ENSMUSG00000049482	54.47379255	84.86530374	69.20280268	110.3477011	96.68626916
ENSMUSG00000049488	96.21345177	148.1664729	124.2825844	156.2587884	141.8065281
ENSMUSG00000049491	9.904325918	5.56493795	6.35535943	5.638203705	19.33725383
ENSMUSG00000049493	10.61177777	10.43425866	7.767661525	8.054576721	10.7429188
ENSMUSG00000049502	35.37259256	71.64857611	53.66747963	231.1663519	153.9818361
ENSMUSG00000049504	125.9264295	158.6007316	153.9409284	160.2860767	134.6445822
ENSMUSG00000049515	14.14903703	4.869320706	5.649208382	8.054576721	9.310529622
ENSMUSG00000049532	9.196874066	6.260555194	12.00456781	10.47094974	6.445751277
ENSMUSG00000049537	7.781970364	8.347406925	4.236906287	4.02728836	7.87814045
ENSMUSG00000049538	6.367066661	11.1298759	6.35535943	2.416373016	6.445751277
ENSMUSG00000049550	16.27139258	20.86851731	16.2414741	46.71654498	43.68786977
ENSMUSG00000049553	80.64951104	125.2111039	109.4534124	281.1047276	201.2506788
ENSMUSG00000049555	5.65961481	6.956172438	7.061510478	4.832746033	7.161945863
ENSMUSG00000049565	7.781970364	13.91234488	12.00456781	4.832746033	8.594335036
ENSMUSG00000049571	10.61177777	6.956172438	7.061510478	8.860034393	11.45911338
ENSMUSG00000049577	27.5906222	23.65098629	24.71528667	53.96566403	32.22875639
ENSMUSG00000049580	7.074518513	4.173703463	7.061510478	9.665492065	5.013362104
ENSMUSG00000049588	37.49494812	52.86691053	39.54445867	17.72006879	37.95831308
ENSMUSG00000049606	1.414903703	1.391234488	2.118453143	0	0
ENSMUSG00000049612	14.14903703	15.30357936	5.649208382	11.27640741	17.18867007
ENSMUSG00000049624	13.44158517	16.69481385	21.89068248	27.38556085	36.5259239
ENSMUSG00000049641	10.61177777	8.347406925	5.649208382	7.249119049	5.729556691
ENSMUSG00000049643	32.54278516	48.69320706	49.43057334	103.9040397	62.30892901
ENSMUSG00000049658	89.13893326	141.9059177	107.3349593	153.8424154	128.9150255
ENSMUSG00000049659	76.40479994	106.4294383	75.55816211	141.7605503	123.1854689
ENSMUSG00000049672	12.73413332	13.21672763	9.886114669	38.66196826	25.06681052
ENSMUSG00000049676	7.781970364	8.347406925	8.473812573	4.02728836	5.729556691



ENSMUSG00000049680	46.69182218	66.08363816	53.66747963	66.04752911	61.59273443
ENSMUSG00000049686	38.20239997	62.60555194	54.37363068	78.93485187	72.33565322
ENSMUSG00000049690	9.904325918	10.43425866	4.236906287	7.249119049	6.445751277
ENSMUSG00000049694	9.904325918	4.869320706	7.767661525	6.443661377	7.161945863
ENSMUSG00000049708	11.31922962	6.260555194	9.886114669	2.416373016	5.729556691
ENSMUSG00000049719	13.44158517	8.347406925	7.061510478	6.443661377	10.7429188
ENSMUSG00000049721	9.196874066	4.173703463	9.886114669	4.02728836	4.297167518
ENSMUSG00000049723	5.65961481	9.043024169	6.35535943	4.02728836	4.297167518
ENSMUSG00000049728	51.64398514	73.0398106	72.73355792	131.2896006	130.3474147
ENSMUSG00000049739	52.35143699	72.34419335	72.02740687	155.4533307	107.429188
ENSMUSG00000049740	27.5906222	55.6493795	35.30755239	29.80193387	32.22875639
ENSMUSG00000049744	103.9954221	136.3409798	112.9841676	129.6786852	92.38910164
ENSMUSG00000049755	87.01657771	148.8620902	134.8748501	129.6786852	118.1721067
ENSMUSG00000049775	54.47379255	54.95376226	60.02283906	128.0677699	85.94335036
ENSMUSG00000049799	11.31922962	3.478086219	4.943057334	4.02728836	4.297167518
ENSMUSG00000049800	13.44158517	22.95536904	13.41686991	16.10915344	19.33725383
ENSMUSG00000049807	7.074518513	6.956172438	7.767661525	7.249119049	9.310529622
ENSMUSG00000049811	9.196874066	4.869320706	9.886114669	7.249119049	7.87814045
ENSMUSG00000049866	14.85648888	15.99919661	9.886114669	13.69278043	15.7562809
ENSMUSG00000049871	36.78749627	47.30197258	53.66747963	36.24559524	30.08017263
ENSMUSG00000049878	183.9374813	220.5106663	207.608408	238.4154709	180.4810358
ENSMUSG00000049897	24.05336294	25.73783802	27.53989086	62.02024075	60.87653984
ENSMUSG00000049916	0.707451851	1.391234488	0	0.805457672	2.864778345
ENSMUSG00000049926	9.196874066	7.651789682	7.061510478	6.443661377	3.580972932
ENSMUSG00000049928	8.489422215	5.56493795	7.061510478	8.054576721	3.580972932
ENSMUSG00000049957	51.64398514	70.95295887	62.84744325	122.4295662	94.5376854
ENSMUSG00000049971	9.904325918	20.17290007	24.00913562	7.249119049	15.04008631
ENSMUSG00000049985	1.414903703	4.869320706	6.35535943	2.416373016	5.013362104
ENSMUSG00000050002	30.4204296	38.25894841	28.24604191	47.52200265	40.82309142
ENSMUSG00000050017	87.72402956	146.0796212	118.633376	179.6170609	141.0903335
ENSMUSG00000050022	5.65961481	4.869320706	9.179963621	4.02728836	5.013362104
ENSMUSG00000050043	12.73413332	29.21592424	15.53532305	17.72006879	20.769643
ENSMUSG00000050050	6.367066661	7.651789682	4.943057334	4.02728836	2.148583759
ENSMUSG00000050052	8.489422215	8.347406925	4.943057334	4.02728836	5.729556691
ENSMUSG00000050063	6.367066661	3.478086219	9.886114669	7.249119049	5.729556691
ENSMUSG00000050064	9.904325918	4.869320706	6.35535943	4.832746033	2.864778345
ENSMUSG00000050074	10.61177777	6.956172438	12.71071886	6.443661377	11.45911338
ENSMUSG00000050079	140.0754665	198.2509145	183.5992724	158.6751614	138.9417498
ENSMUSG00000050087	9.904325918	11.82549314	12.71071886	9.665492065	7.161945863
ENSMUSG00000050089	5.65961481	2.086851731	4.236906287	3.221830688	1.432389173
ENSMUSG00000050100	7.074518513	6.956172438	10.59226572	5.638203705	7.161945863
ENSMUSG00000050103	9.904325918	6.956172438	2.824604191	4.02728836	3.580972932
ENSMUSG00000050106	16.27139258	26.43345526	38.13215658	106.3204127	75.91662615

ENSMUSG00000050108	9.196874066	4.869320706	9.179963621	2.416373016	8.594335036
ENSMUSG00000050122	11.31922962	7.651789682	8.473812573	4.832746033	7.87814045
ENSMUSG00000050132	7.074518513	7.651789682	10.59226572	7.249119049	5.013362104
ENSMUSG00000050141	12.02668147	6.260555194	9.886114669	7.249119049	8.594335036
ENSMUSG00000050144	26.88317035	43.82388636	56.49208382	59.60386773	55.86317773
ENSMUSG00000050150	4.952162959	8.347406925	9.886114669	7.249119049	7.87814045
ENSMUSG00000050164	6.367066661	3.478086219	7.767661525	7.249119049	4.297167518
ENSMUSG00000050174	25.46826665	32.69401046	28.24604191	89.4058016	82.36237743
ENSMUSG00000050199	7.781970364	10.43425866	9.179963621	6.443661377	1.432389173
ENSMUSG00000050211	0	0	0.706151048	0	2.148583759
ENSMUSG00000050217	7.781970364	7.651789682	10.59226572	8.054576721	8.594335036
ENSMUSG00000050222	5.65961481	6.260555194	4.943057334	8.054576721	5.729556691
ENSMUSG00000050240	16.97884443	25.73783802	14.12302096	23.35827249	26.49919969
ENSMUSG00000050248	7.074518513	3.478086219	12.71071886	7.249119049	5.013362104
ENSMUSG00000050270	8.489422215	5.56493795	7.061510478	6.443661377	6.445751277
ENSMUSG00000050271	43.15456293	57.73623123	55.07978173	188.4770953	142.5227227
ENSMUSG00000050296	13.44158517	4.173703463	12.00456781	4.832746033	4.297167518
ENSMUSG00000050299	14.85648888	10.43425866	19.77222934	22.55281482	20.05344842
ENSMUSG00000050312	33.25023701	63.99678643	55.78593277	82.96214023	57.29556691
ENSMUSG00000050315	9.196874066	6.956172438	7.061510478	6.443661377	8.594335036
ENSMUSG00000050323	39.61730367	63.99678643	36.71985448	65.24207144	80.21379367
ENSMUSG00000050335	8.489422215	4.869320706	9.179963621	9.665492065	6.445751277
ENSMUSG00000050373	9.196874066	9.738641413	13.41686991	4.02728836	7.87814045
ENSMUSG00000050379	3.537259256	8.347406925	9.179963621	9.665492065	7.87814045
ENSMUSG00000050382	10.61177777	4.869320706	7.767661525	4.02728836	1.432389173
ENSMUSG00000050390	7.781970364	6.260555194	11.29841676	6.443661377	8.594335036
ENSMUSG00000050394	2.122355554	4.173703463	2.824604191	2.416373016	2.864778345
ENSMUSG00000050410	10.61177777	17.39043109	15.53532305	22.55281482	15.7562809
ENSMUSG00000050423	10.61177777	4.173703463	4.236906287	7.249119049	10.7429188
ENSMUSG00000050447	10.61177777	4.173703463	3.530755239	4.02728836	5.729556691
ENSMUSG00000050468	23.34591109	25.04222078	23.30298458	62.82569842	47.2688427
ENSMUSG00000050471	47.39927403	93.21271067	76.26431316	73.29664816	78.7814045
ENSMUSG00000050490	8.489422215	6.260555194	9.179963621	6.443661377	6.445751277
ENSMUSG00000050530	9.904325918	9.738641413	5.649208382	3.221830688	5.013362104
ENSMUSG00000050533	16.27139258	22.2597518	22.59683353	73.29664816	40.10689684
ENSMUSG00000050541	8.489422215	7.651789682	5.649208382	5.638203705	4.297167518
ENSMUSG00000050545	4.952162959	6.956172438	12.00456781	7.249119049	9.310529622
ENSMUSG00000050558	14.85648888	5.56493795	7.767661525	5.638203705	2.864778345
ENSMUSG00000050565	71.45263698	116.863697	108.7472614	256.9409974	166.157144
ENSMUSG00000050567	104.702874	150.2533247	121.4579802	91.01671695	90.95671247
ENSMUSG00000050578	10.61177777	8.347406925	7.061510478	3.221830688	4.297167518
ENSMUSG00000050587	7.074518513	7.651789682	4.236906287	6.443661377	3.580972932
ENSMUSG00000050604	19.10119998	17.39043109	14.12302096	8.860034393	20.769643

ENSMUSG00000050605	4.952162959	16.69481385	14.12302096	13.69278043	14.32389173
ENSMUSG00000050608	109.6550369	139.819066	108.0411103	178.0061455	153.9818361
ENSMUSG00000050619	66.50047402	80.69160028	80.50121945	111.9586164	94.5376854
ENSMUSG00000050627	86.30912585	94.60394515	74.85201106	52.35474869	65.17370736
ENSMUSG00000050640	8.489422215	8.347406925	7.767661525	4.832746033	6.445751277
ENSMUSG00000050666	9.196874066	8.347406925	4.236906287	8.054576721	7.87814045
ENSMUSG00000050700	7.074518513	8.347406925	7.061510478	8.860034393	6.445751277
ENSMUSG00000050705	21.93100739	27.12907251	35.30755239	74.9075635	52.99839939
ENSMUSG00000050708	7.074518513	15.99919661	9.886114669	14.4982381	10.7429188
ENSMUSG00000050730	4.244711108	10.43425866	11.29841676	12.08186508	8.594335036
ENSMUSG00000050737	9.196874066	9.043024169	5.649208382	3.221830688	7.87814045
ENSMUSG00000050747	8.489422215	9.738641413	5.649208382	9.665492065	2.864778345
ENSMUSG00000050751	9.196874066	6.260555194	4.943057334	4.02728836	4.297167518
ENSMUSG00000050765	5.65961481	5.56493795	7.767661525	10.47094974	7.161945863
ENSMUSG00000050808	10.61177777	7.651789682	11.29841676	6.443661377	7.87814045
ENSMUSG00000050812	57.30359995	73.0398106	74.14586002	153.8424154	146.8198902
ENSMUSG00000050821	14.85648888	4.173703463	9.886114669	7.249119049	7.87814045
ENSMUSG00000050822	12.02668147	7.651789682	9.179963621	6.443661377	7.161945863
ENSMUSG00000050824	5.65961481	2.782468975	6.35535943	8.054576721	7.87814045
ENSMUSG00000050830	4.244711108	2.782468975	7.061510478	5.638203705	5.729556691
ENSMUSG00000050855	7.074518513	8.347406925	7.061510478	15.30369577	17.18867007
ENSMUSG00000050856	29.0055259	46.60635533	42.36906287	63.6311561	53.71459398
ENSMUSG00000050875	6.367066661	7.651789682	8.473812573	3.221830688	6.445751277
ENSMUSG00000050890	29.71297775	38.25894841	40.25060972	53.16020636	58.01176149
ENSMUSG00000050908	11.31922962	11.82549314	8.473812573	9.665492065	11.45911338
ENSMUSG00000050912	135.8307554	158.6007316	149.7040221	261.7737434	192.6563437
ENSMUSG00000050914	13.44158517	25.04222078	20.47838039	18.52552646	18.62105924
ENSMUSG00000050921	37.49494812	59.12746572	43.78136496	70.07481747	60.87653984
ENSMUSG00000050936	5.65961481	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000050944	7.781970364	6.956172438	8.473812573	4.02728836	9.310529622
ENSMUSG00000050953	10.61177777	8.347406925	9.886114669	4.02728836	9.310529622
ENSMUSG00000050954	69.33028142	95.99517964	99.56729774	59.60386773	65.17370736
ENSMUSG00000050965	21.93100739	36.17209668	35.30755239	60.40932541	57.29556691
ENSMUSG00000050973	101.1656147	161.3832006	139.8179075	99.87675134	110.2939663
ENSMUSG00000050982	6.367066661	7.651789682	7.061510478	8.860034393	10.7429188
ENSMUSG00000050994	8.489422215	4.173703463	12.00456781	6.443661377	5.013362104
ENSMUSG00000051000	10.61177777	4.869320706	11.29841676	5.638203705	8.594335036
ENSMUSG00000051007	35.37259256	72.34419335	51.54902649	34.6346799	36.5259239
ENSMUSG00000051036	8.489422215	6.956172438	9.179963621	6.443661377	7.161945863
ENSMUSG00000051037	15.56394073	23.65098629	21.18453143	11.27640741	14.32389173
ENSMUSG00000051038	6.367066661	3.478086219	4.236906287	0.805457672	2.864778345
ENSMUSG00000051043	5.65961481	2.782468975	7.767661525	7.249119049	5.013362104
ENSMUSG00000051048	10.61177777	7.651789682	9.179963621	9.665492065	12.17530797

ENSMUSG00000051107	17.68629628	24.34660353	24.00913562	9.665492065	21.48583759
ENSMUSG00000051111	9.196874066	2.086851731	7.061510478	4.832746033	7.87814045
ENSMUSG00000051147	41.03220737	51.47567604	51.54902649	22.55281482	33.66114556
ENSMUSG00000051149	106.1177777	134.254128	116.5149229	213.4462831	159.7113928
ENSMUSG00000051154	16.97884443	34.78086219	26.12758877	28.19101852	33.66114556
ENSMUSG00000051159	2.829807405	3.478086219	4.236906287	3.221830688	3.580972932
ENSMUSG00000051166	3.537259256	10.43425866	7.767661525	12.88732275	15.04008631
ENSMUSG00000051169	12.02668147	21.56413456	19.06607829	20.1364418	22.20203218
ENSMUSG00000051177	7.781970364	8.347406925	9.179963621	4.832746033	4.297167518
ENSMUSG00000051219	9.904325918	4.869320706	9.886114669	6.443661377	5.013362104
ENSMUSG00000051223	69.33028142	93.90832791	77.67661525	206.1971641	159.7113928
ENSMUSG00000051224	2.122355554	5.56493795	4.236906287	4.832746033	2.864778345
ENSMUSG00000051232	22.63845924	37.56333116	42.36906287	78.93485187	58.01176149
ENSMUSG00000051235	86.30912585	104.3425866	97.44884459	157.8697037	138.9417498
ENSMUSG00000051236	9.196874066	4.173703463	9.886114669	10.47094974	7.161945863
ENSMUSG00000051237	2.122355554	6.260555194	9.886114669	6.443661377	8.594335036
ENSMUSG00000051243	5.65961481	10.43425866	9.886114669	4.832746033	11.45911338
ENSMUSG00000051255	8.489422215	8.347406925	2.824604191	4.832746033	7.87814045
ENSMUSG00000051256	39.61730367	68.17048989	50.84287544	91.01671695	84.51096119
ENSMUSG00000051278	45.98437033	56.34499675	58.61053696	106.3204127	84.51096119
ENSMUSG00000051285	52.35143699	98.77764862	82.61967259	68.46390213	78.7814045
ENSMUSG00000051297	9.196874066	4.869320706	4.236906287	3.221830688	9.310529622
ENSMUSG00000051313	11.31922962	6.260555194	9.179963621	4.02728836	7.161945863
ENSMUSG00000051314	6.367066661	8.347406925	9.179963621	9.665492065	8.594335036
ENSMUSG00000051323	1.414903703	4.173703463	3.530755239	2.416373016	3.580972932
ENSMUSG00000051329	20.51610369	35.47647943	28.95219296	25.77464551	20.05344842
ENSMUSG00000051331	7.781970364	8.347406925	13.41686991	9.665492065	15.7562809
ENSMUSG00000051339	9.904325918	3.478086219	9.886114669	5.638203705	5.729556691
ENSMUSG00000051343	3.537259256	9.738641413	5.649208382	5.638203705	9.310529622
ENSMUSG00000051344	18.39374813	34.78086219	24.71528667	35.44013757	41.53928601
ENSMUSG00000051351	20.51610369	15.99919661	17.65377619	21.74735715	18.62105924
ENSMUSG00000051354	9.904325918	9.043024169	9.886114669	4.02728836	8.594335036
ENSMUSG00000051355	0.707451851	0	2.118453143	0	0.716194586
ENSMUSG00000051359	4.952162959	5.56493795	5.649208382	7.249119049	8.594335036
ENSMUSG00000051375	10.61177777	7.651789682	4.236906287	4.02728836	7.87814045
ENSMUSG00000051378	74.28244438	66.7792554	80.50121945	109.5422434	78.7814045
ENSMUSG00000051379	9.904325918	7.651789682	11.29841676	4.832746033	9.310529622
ENSMUSG00000051396	65.08557032	93.21271067	63.5535943	120.8186508	108.1453825
ENSMUSG00000051413	58.71850365	74.43104508	69.20280268	227.9445212	178.332452
ENSMUSG00000051427	50.22908144	74.43104508	75.55816211	145.7878386	94.5376854
ENSMUSG00000051435	9.904325918	5.56493795	10.59226572	5.638203705	7.161945863
ENSMUSG00000051455	7.781970364	5.56493795	7.061510478	10.47094974	7.87814045
ENSMUSG00000051469	48.10672589	68.86610713	64.96589639	90.21125927	83.07857202

ENSMUSG00000051497	10.61177777	6.260555194	6.35535943	8.860034393	7.87814045
ENSMUSG00000051504	6.367066661	7.651789682	13.41686991	6.443661377	9.310529622
ENSMUSG00000051506	182.5225776	173.2086937	167.3577983	214.2517408	154.6980307
ENSMUSG00000051510	14.14903703	18.78166558	23.30298458	53.16020636	65.88990194
ENSMUSG00000051517	5.65961481	11.82549314	9.886114669	8.860034393	11.45911338
ENSMUSG00000051550	5.65961481	14.60796212	7.061510478	9.665492065	7.161945863
ENSMUSG00000051557	19.10119998	24.34660353	33.89525029	47.52200265	56.57937232
ENSMUSG00000051579	2.829807405	3.478086219	7.061510478	4.02728836	2.864778345
ENSMUSG00000051586	11.31922962	8.347406925	11.29841676	5.638203705	10.02672421
ENSMUSG00000051592	2.122355554	2.782468975	4.236906287	0	2.864778345
ENSMUSG00000051596	4.952162959	8.347406925	5.649208382	1.610915344	7.87814045
ENSMUSG00000051615	4.244711108	10.43425866	9.886114669	8.860034393	9.310529622
ENSMUSG00000051648	9.196874066	13.21672763	8.473812573	10.47094974	7.161945863
ENSMUSG00000051650	15.56394073	11.82549314	14.829172	7.249119049	11.45911338
ENSMUSG00000051674	10.61177777	7.651789682	5.649208382	7.249119049	13.60769714
ENSMUSG00000051675	18.39374813	24.34660353	21.89068248	34.6346799	30.08017263
ENSMUSG00000051682	6.367066661	9.043024169	6.35535943	8.054576721	3.580972932
ENSMUSG00000051703	5.65961481	8.347406925	11.29841676	7.249119049	7.87814045
ENSMUSG00000051705	12.73413332	28.52030699	26.12758877	15.30369577	27.93158887
ENSMUSG00000051727	18.39374813	28.52030699	21.18453143	62.82569842	57.29556691
ENSMUSG00000051729	4.952162959	7.651789682	8.473812573	6.443661377	7.87814045
ENSMUSG00000051730	34.66514071	38.25894841	31.77679715	40.2728836	42.97167518
ENSMUSG00000051747	12.02668147	6.260555194	9.886114669	4.832746033	8.594335036
ENSMUSG00000051786	83.47931845	111.298759	112.2780166	124.8459392	111.7263555
ENSMUSG00000051790	7.781970364	8.347406925	10.59226572	16.10915344	8.594335036
ENSMUSG00000051811	4.952162959	9.043024169	4.236906287	5.638203705	9.310529622
ENSMUSG00000051827	4.244711108	3.478086219	7.061510478	7.249119049	6.445751277
ENSMUSG00000051855	5.65961481	4.173703463	5.649208382	12.08186508	7.161945863
ENSMUSG00000051860	5.65961481	6.260555194	9.886114669	5.638203705	6.445751277
ENSMUSG00000051890	8.489422215	16.69481385	14.829172	33.82922223	24.35061594
ENSMUSG00000051900	10.61177777	4.173703463	5.649208382	5.638203705	7.161945863
ENSMUSG00000051906	10.61177777	3.478086219	4.943057334	2.416373016	5.013362104
ENSMUSG00000051910	7.781970364	8.347406925	9.886114669	4.02728836	4.297167518
ENSMUSG00000051950	10.61177777	10.43425866	9.179963621	8.054576721	9.310529622
ENSMUSG00000051977	8.489422215	9.738641413	14.12302096	4.832746033	17.18867007
ENSMUSG00000051980	6.367066661	4.869320706	4.236906287	6.443661377	3.580972932
ENSMUSG00000051984	4.244711108	9.043024169	7.767661525	5.638203705	10.02672421
ENSMUSG00000051989	45.98437033	65.38802092	69.90895373	24.16373016	31.5125618
ENSMUSG00000051998	94.09109622	126.6023384	97.44884459	102.2931244	100.9834367
ENSMUSG00000052013	154.9319554	160.6875833	132.0502459	136.1223466	110.2939663
ENSMUSG00000052033	7.074518513	4.869320706	8.473812573	2.416373016	11.45911338
ENSMUSG00000052040	43.86201478	50.7800588	55.78593277	93.43308996	101.6996313
ENSMUSG00000052056	7.074518513	7.651789682	13.41686991	7.249119049	7.161945863

ENSMUSG00000052062	9.904325918	9.043024169	10.59226572	15.30369577	10.7429188
ENSMUSG00000052087	125.2189777	167.6437558	165.2393452	89.4058016	80.21379367
ENSMUSG00000052099	9.904325918	11.1298759	4.943057334	4.832746033	7.161945863
ENSMUSG00000052102	17.68629628	20.17290007	28.24604191	17.72006879	25.06681052
ENSMUSG00000052105	8.489422215	6.260555194	12.00456781	2.416373016	4.297167518
ENSMUSG00000052133	7.781970364	0.695617244	6.35535943	3.221830688	2.864778345
ENSMUSG00000052137	87.72402956	108.51629	112.2780166	136.1223466	105.9967988
ENSMUSG00000052139	21.22355554	50.08444155	34.60140134	41.88379895	49.41742646
ENSMUSG00000052142	79.94205919	102.2557348	93.91808935	121.6241085	103.848215
ENSMUSG00000052146	24.76081479	45.91073809	41.66291182	115.1804471	74.48423698
ENSMUSG00000052151	4.952162959	6.956172438	4.236906287	3.221830688	5.729556691
ENSMUSG00000052180	6.367066661	7.651789682	5.649208382	9.665492065	3.580972932
ENSMUSG00000052293	9.196874066	15.30357936	8.473812573	21.74735715	21.48583759
ENSMUSG00000052298	84.1867703	115.4724625	108.0411103	187.6716376	133.9283876
ENSMUSG00000052301	8.489422215	6.260555194	5.649208382	7.249119049	5.013362104
ENSMUSG00000052331	106.8252295	125.2111039	118.633376	121.6241085	108.1453825
ENSMUSG00000052334	14.14903703	9.043024169	10.59226572	3.221830688	7.87814045
ENSMUSG00000052337	47.39927403	81.38721752	50.84287544	117.5968201	94.5376854
ENSMUSG00000052353	7.781970364	6.956172438	6.35535943	7.249119049	4.297167518
ENSMUSG00000052372	3.537259256	7.651789682	4.236906287	3.221830688	0.716194586
ENSMUSG00000052373	10.61177777	6.956172438	12.00456781	6.443661377	5.013362104
ENSMUSG00000052374	10.61177777	9.738641413	9.886114669	6.443661377	10.02672421
ENSMUSG00000052376	9.904325918	9.043024169	7.061510478	2.416373016	8.594335036
ENSMUSG00000052384	86.30912585	118.2549314	117.927225	237.6100133	176.1838682
ENSMUSG00000052387	7.781970364	3.478086219	7.061510478	5.638203705	8.594335036
ENSMUSG00000052389	7.781970364	9.043024169	12.71071886	4.832746033	7.87814045
ENSMUSG00000052395	30.4204296	51.47567604	42.36906287	35.44013757	43.68786977
ENSMUSG00000052406	53.05888884	77.21351406	76.97046421	178.0061455	125.3340526
ENSMUSG00000052407	12.73413332	28.52030699	14.12302096	19.33098413	17.18867007
ENSMUSG00000052414	12.02668147	20.17290007	8.473812573	16.10915344	12.89150255
ENSMUSG00000052419	9.196874066	20.17290007	27.53989086	24.16373016	22.20203218
ENSMUSG00000052423	10.61177777	32.69401046	26.83373982	24.96918783	29.36397804
ENSMUSG00000052428	16.97884443	31.30277597	30.36449505	62.02024075	50.13362104
ENSMUSG00000052429	26.1757185	43.12826911	38.13215658	227.9445212	161.8599765
ENSMUSG00000052430	12.02668147	6.956172438	6.35535943	3.221830688	10.7429188
ENSMUSG00000052446	67.91537772	118.2549314	84.03197468	97.46037832	84.51096119
ENSMUSG00000052459	52.35143699	77.21351406	81.91352154	179.6170609	165.4409494
ENSMUSG00000052477	45.27691848	60.51870021	50.13672439	92.62763229	55.86317773
ENSMUSG00000052479	9.196874066	9.043024169	7.061510478	7.249119049	6.445751277
ENSMUSG00000052508	12.02668147	4.869320706	7.767661525	9.665492065	4.297167518
ENSMUSG00000052512	7.781970364	4.869320706	6.35535943	1.610915344	5.729556691
ENSMUSG00000052516	7.781970364	3.478086219	7.061510478	6.443661377	7.87814045
ENSMUSG00000052525	8.489422215	6.956172438	5.649208382	6.443661377	10.02672421

ENSMUSG00000052533	84.1867703	113.3856107	98.15499564	125.6513968	113.8749392
ENSMUSG00000052534	5.65961481	9.043024169	7.767661525	4.02728836	8.594335036
ENSMUSG00000052539	9.904325918	17.39043109	15.53532305	7.249119049	12.89150255
ENSMUSG00000052551	4.244711108	3.478086219	7.767661525	3.221830688	10.02672421
ENSMUSG00000052560	8.489422215	8.347406925	6.35535943	6.443661377	5.013362104
ENSMUSG00000052562	7.074518513	6.260555194	9.179963621	6.443661377	4.297167518
ENSMUSG00000052563	72.86754068	77.21351406	86.85657888	44.30017197	51.56601022
ENSMUSG00000052572	7.074518513	4.173703463	11.29841676	5.638203705	12.89150255
ENSMUSG00000052581	4.952162959	9.043024169	9.886114669	3.221830688	10.02672421
ENSMUSG00000052593	126.6338814	194.077211	139.1117564	164.3133651	128.198831
ENSMUSG00000052605	9.904325918	18.08604834	16.94762515	14.4982381	13.60769714
ENSMUSG00000052613	7.781970364	5.56493795	4.943057334	7.249119049	4.297167518
ENSMUSG00000052616	7.074518513	19.47728283	16.2414741	8.860034393	9.310529622
ENSMUSG00000052631	9.904325918	9.738641413	8.473812573	14.4982381	6.445751277
ENSMUSG00000052632	10.61177777	14.60796212	20.47838039	8.860034393	8.594335036
ENSMUSG00000052656	23.34591109	41.04141738	32.4829482	24.16373016	42.25548059
ENSMUSG00000052658	9.196874066	14.60796212	12.71071886	18.52552646	22.91822676
ENSMUSG00000052675	10.61177777	7.651789682	6.35535943	3.221830688	7.161945863
ENSMUSG00000052676	14.14903703	31.99839321	28.24604191	25.77464551	22.20203218
ENSMUSG00000052688	7.781970364	5.56493795	7.061510478	7.249119049	6.445751277
ENSMUSG00000052698	7.781970364	6.956172438	7.061510478	12.08186508	9.310529622
ENSMUSG00000052712	52.35143699	76.51789682	84.03197468	85.37851324	73.05184781
ENSMUSG00000052726	8.489422215	9.738641413	9.179963621	2.416373016	7.161945863
ENSMUSG00000052736	9.904325918	10.43425866	7.061510478	4.02728836	4.297167518
ENSMUSG00000052738	84.89422215	119.6461659	101.6857509	99.87675134	87.37573953
ENSMUSG00000052748	94.79854807	149.5577074	139.8179075	153.0369577	128.198831
ENSMUSG00000052751	16.97884443	27.82468975	28.24604191	33.82922223	27.21539428
ENSMUSG00000052752	113.8997481	139.1234488	147.585569	272.2446932	204.1154571
ENSMUSG00000052760	8.489422215	9.043024169	4.943057334	1.610915344	10.02672421
ENSMUSG00000052776	15.56394073	16.69481385	16.94762515	29.80193387	15.7562809
ENSMUSG00000052783	25.46826665	43.12826911	38.83830763	133.7059736	99.5510475
ENSMUSG00000052794	19.80865184	31.30277597	21.18453143	39.46742593	28.64778345
ENSMUSG00000052798	72.86754068	117.5593142	84.73812573	181.2279762	132.4959985
ENSMUSG00000052848	2.122355554	4.869320706	4.943057334	6.443661377	7.161945863
ENSMUSG00000052854	5.65961481	4.869320706	1.412302096	0.805457672	2.864778345
ENSMUSG00000052861	7.781970364	3.478086219	5.649208382	6.443661377	2.148583759
ENSMUSG00000052889	108.9475851	117.5593142	123.5764334	93.43308996	87.37573953
ENSMUSG00000052915	54.47379255	64.69240367	60.02283906	165.1188228	148.2522794
ENSMUSG00000052917	73.57499253	102.9513521	89.68118307	56.38203705	62.30892901
ENSMUSG00000052920	7.074518513	11.1298759	9.179963621	8.054576721	8.594335036
ENSMUSG00000052921	11.31922962	9.738641413	4.943057334	7.249119049	10.02672421
ENSMUSG00000052926	12.02668147	27.12907251	17.65377619	52.35474869	47.98503729
ENSMUSG00000052934	13.44158517	20.17290007	19.77222934	46.71654498	40.82309142

ENSMUSG00000052942	4.952162959	6.260555194	6.35535943	0.805457672	3.580972932
ENSMUSG00000052949	54.47379255	82.77845201	79.7950684	206.1971641	148.968474
ENSMUSG00000052997	73.57499253	95.2995624	84.03197468	106.3204127	95.97007457
ENSMUSG00000053012	4.952162959	6.956172438	3.530755239	6.443661377	4.297167518
ENSMUSG00000053024	9.904325918	4.869320706	6.35535943	6.443661377	3.580972932
ENSMUSG00000053025	9.904325918	2.086851731	3.530755239	8.860034393	4.297167518
ENSMUSG00000053030	7.074518513	6.956172438	6.35535943	6.443661377	5.013362104
ENSMUSG00000053040	5.65961481	7.651789682	4.943057334	6.443661377	5.729556691
ENSMUSG00000053046	4.952162959	4.173703463	7.061510478	2.416373016	7.161945863
ENSMUSG00000053054	12.02668147	8.347406925	9.886114669	12.88732275	7.87814045
ENSMUSG00000053062	4.244711108	6.260555194	5.649208382	8.860034393	7.161945863
ENSMUSG00000053063	9.904325918	7.651789682	9.179963621	7.249119049	10.7429188
ENSMUSG00000053080	19.80865184	23.65098629	16.2414741	14.4982381	15.7562809
ENSMUSG00000053091	21.93100739	45.91073809	31.0706461	46.71654498	43.68786977
ENSMUSG00000053093	7.074518513	3.478086219	4.943057334	6.443661377	8.594335036
ENSMUSG00000053094	16.27139258	14.60796212	16.2414741	12.08186508	4.297167518
ENSMUSG00000053110	4.952162959	5.56493795	4.943057334	4.832746033	9.310529622
ENSMUSG00000053111	36.08004441	35.47647943	36.71985448	28.19101852	29.36397804
ENSMUSG00000053119	55.88869625	93.90832791	76.26431316	47.52200265	43.68786977
ENSMUSG00000053128	48.81417774	38.25894841	44.48751601	66.85298678	63.74131818
ENSMUSG00000053134	60.13340736	90.43024169	82.61967259	114.3749894	100.9834367
ENSMUSG00000053141	6.367066661	4.173703463	4.943057334	6.443661377	5.729556691
ENSMUSG00000053153	9.904325918	6.260555194	8.473812573	6.443661377	3.580972932
ENSMUSG00000053158	4.952162959	4.869320706	6.35535943	5.638203705	9.310529622
ENSMUSG00000053161	4.952162959	2.086851731	0.706151048	3.221830688	4.297167518
ENSMUSG00000053166	9.196874066	6.956172438	9.886114669	4.832746033	4.297167518
ENSMUSG00000053175	31.12788146	49.38882431	60.02283906	166.7297381	138.2255552
ENSMUSG00000053182	8.489422215	3.478086219	4.236906287	4.832746033	6.445751277
ENSMUSG00000053184	12.02668147	8.347406925	9.179963621	2.416373016	4.297167518
ENSMUSG00000053198	9.196874066	4.173703463	9.179963621	8.054576721	8.594335036
ENSMUSG00000053199	9.904325918	4.173703463	8.473812573	2.416373016	5.729556691
ENSMUSG00000053211	5.65961481	2.782468975	3.530755239	2.416373016	2.148583759
ENSMUSG00000053216	8.489422215	6.260555194	4.236906287	0.805457672	8.594335036
ENSMUSG00000053219	0	0	0	0	0
ENSMUSG00000053228	9.904325918	5.56493795	5.649208382	4.832746033	12.17530797
ENSMUSG00000053253	29.71297775	50.7800588	52.96132858	35.44013757	49.41742646
ENSMUSG00000053286	72.86754068	134.254128	112.9841676	159.4806191	136.793166
ENSMUSG00000053291	7.074518513	10.43425866	8.473812573	7.249119049	8.594335036
ENSMUSG00000053303	10.61177777	9.738641413	3.530755239	6.443661377	4.297167518
ENSMUSG00000053310	8.489422215	9.043024169	12.71071886	8.054576721	6.445751277
ENSMUSG00000053317	62.25576291	97.38641413	72.73355792	169.9515688	127.4826364
ENSMUSG00000053333	16.27139258	36.86771392	28.24604191	34.6346799	34.37734014
ENSMUSG00000053347	143.6127258	205.2070869	204.7838039	150.6205847	132.4959985



ENSMUSG00000053358	34.66514071	56.34499675	43.78136496	67.65844446	75.91662615
ENSMUSG00000053367	7.074518513	6.956172438	6.35535943	9.665492065	10.02672421
ENSMUSG00000053368	9.196874066	5.56493795	12.71071886	11.27640741	7.161945863
ENSMUSG00000053388	9.196874066	4.173703463	9.179963621	4.832746033	9.310529622
ENSMUSG00000053390	43.86201478	55.6493795	52.25517753	53.16020636	56.57937232
ENSMUSG00000053395	7.781970364	5.56493795	4.943057334	4.02728836	8.594335036
ENSMUSG00000053398	21.93100739	32.69401046	31.77679715	139.3441773	110.2939663
ENSMUSG00000053411	16.97884443	6.260555194	6.35535943	8.054576721	9.310529622
ENSMUSG00000053436	48.10672589	68.86610713	69.20280268	67.65844446	81.64618284
ENSMUSG00000053442	11.31922962	13.21672763	11.29841676	31.41284921	25.06681052
ENSMUSG00000053469	11.31922962	6.956172438	5.649208382	9.665492065	7.87814045
ENSMUSG00000053470	26.88317035	43.82388636	44.48751601	44.30017197	45.83645353
ENSMUSG00000053477	4.952162959	4.869320706	9.886114669	4.02728836	10.02672421
ENSMUSG00000053483	38.20239997	48.69320706	39.54445867	25.77464551	32.94495097
ENSMUSG00000053499	7.074518513	9.043024169	9.886114669	8.860034393	6.445751277
ENSMUSG00000053510	91.26128881	118.9505487	106.6288082	144.1769233	122.4692743
ENSMUSG00000053519	8.489422215	9.738641413	7.061510478	3.221830688	5.013362104
ENSMUSG00000053522	7.074518513	6.956172438	4.943057334	4.832746033	6.445751277
ENSMUSG00000053550	0	0	0	0	0
ENSMUSG00000053552	6.367066661	9.043024169	7.767661525	6.443661377	7.87814045
ENSMUSG00000053553	7.074518513	8.347406925	9.179963621	34.6346799	30.79636721
ENSMUSG00000053559	10.61177777	17.39043109	13.41686991	12.88732275	22.91822676
ENSMUSG00000053565	76.40479994	134.254128	99.56729774	212.6408254	173.3190899
ENSMUSG00000053580	2.829807405	4.173703463	7.061510478	9.665492065	5.729556691
ENSMUSG00000053581	34.66514071	42.43265187	33.89525029	73.29664816	63.74131818
ENSMUSG00000053593	5.65961481	5.56493795	4.943057334	1.610915344	3.580972932
ENSMUSG00000053603	52.35143699	90.43024169	82.61967259	61.21478308	65.88990194
ENSMUSG00000053615	13.44158517	5.56493795	9.886114669	3.221830688	5.013362104
ENSMUSG00000053617	61.54831106	75.12666233	56.49208382	31.41284921	35.80972932
ENSMUSG00000053644	41.03220737	55.6493795	58.61053696	123.2350238	90.24051788
ENSMUSG00000053646	7.074518513	4.869320706	7.061510478	8.054576721	5.729556691
ENSMUSG00000053687	16.97884443	18.78166558	19.77222934	15.30369577	12.89150255
ENSMUSG00000053693	2.829807405	8.347406925	7.061510478	8.054576721	9.310529622
ENSMUSG00000053702	11.31922962	4.869320706	8.473812573	2.416373016	3.580972932
ENSMUSG00000053706	31.83533331	27.82468975	35.30755239	41.07834128	38.67450766
ENSMUSG00000053719	9.904325918	4.173703463	7.061510478	7.249119049	8.594335036
ENSMUSG00000053730	27.5906222	42.43265187	37.42600553	53.16020636	41.53928601
ENSMUSG00000053749	5.65961481	9.738641413	5.649208382	4.832746033	1.432389173
ENSMUSG00000053768	55.88869625	95.2995624	64.25974535	88.60034393	101.6996313
ENSMUSG00000053797	9.196874066	6.956172438	9.886114669	4.02728836	10.02672421
ENSMUSG00000053801	20.51610369	24.34660353	23.30298458	95.84946298	70.18706946
ENSMUSG00000053819	18.39374813	33.3896277	32.4829482	133.7059736	106.7129934
ENSMUSG00000053825	13.44158517	7.651789682	11.29841676	8.860034393	10.02672421

ENSMUSG00000053830	11.31922962	23.65098629	24.00913562	20.94189947	15.04008631
ENSMUSG00000053835	99.04325918	153.0357936	117.2210739	189.2825529	122.4692743
ENSMUSG00000053838	100.4581629	137.7322143	105.9226572	137.7332619	111.7263555
ENSMUSG00000053841	24.05336294	35.47647943	31.0706461	109.5422434	89.52432329
ENSMUSG00000053852	2.829807405	7.651789682	3.530755239	3.221830688	0
ENSMUSG00000053877	21.22355554	30.60715873	32.4829482	132.9005159	118.8883013
ENSMUSG00000053896	11.31922962	11.1298759	6.35535943	8.054576721	5.729556691
ENSMUSG00000053897	5.65961481	4.869320706	2.824604191	5.638203705	5.729556691
ENSMUSG00000053898	22.63845924	29.21592424	27.53989086	23.35827249	21.48583759
ENSMUSG00000053907	30.4204296	53.56252777	64.96589639	300.4357117	211.277403
ENSMUSG00000053929	13.44158517	19.47728283	14.829172	9.665492065	10.7429188
ENSMUSG00000053931	81.3569629	111.9943762	98.86114669	60.40932541	65.88990194
ENSMUSG00000053950	12.02668147	13.21672763	21.18453143	64.43661377	41.53928601
ENSMUSG00000053964	14.14903703	9.738641413	9.179963621	7.249119049	7.161945863
ENSMUSG00000053965	7.074518513	9.738641413	8.473812573	6.443661377	5.013362104
ENSMUSG00000053977	4.244711108	4.869320706	4.236906287	4.832746033	5.729556691
ENSMUSG00000053979	7.074518513	5.56493795	8.473812573	7.249119049	1.432389173
ENSMUSG00000053980	5.65961481	2.782468975	5.649208382	5.638203705	7.87814045
ENSMUSG00000054003	9.904325918	6.956172438	12.71071886	8.860034393	9.310529622
ENSMUSG00000054034	2.122355554	4.869320706	4.943057334	3.221830688	2.864778345
ENSMUSG00000054065	9.196874066	2.782468975	9.179963621	7.249119049	10.7429188
ENSMUSG00000054072	8.489422215	6.260555194	5.649208382	26.58010318	10.02672421
ENSMUSG00000054079	55.1812444	68.17048989	56.49208382	182.8388916	136.0769714
ENSMUSG00000054099	26.1757185	33.3896277	37.42600553	71.68573282	58.72795608
ENSMUSG00000054102	6.367066661	4.869320706	6.35535943	8.860034393	6.445751277
ENSMUSG00000054115	7.781970364	9.043024169	12.00456781	8.054576721	11.45911338
ENSMUSG00000054128	7.781970364	9.738641413	9.179963621	2.416373016	9.310529622
ENSMUSG00000054134	6.367066661	6.956172438	4.943057334	7.249119049	4.297167518
ENSMUSG00000054150	37.49494812	50.7800588	48.7244223	62.82569842	56.57937232
ENSMUSG00000054161	21.22355554	10.43425866	10.59226572	166.7297381	111.7263555
ENSMUSG00000054162	8.489422215	8.347406925	7.061510478	4.832746033	5.013362104
ENSMUSG00000054178	10.61177777	11.1298759	9.886114669	6.443661377	17.18867007
ENSMUSG00000054199	38.20239997	65.38802092	71.32125582	99.07129367	76.63282074
ENSMUSG00000054226	43.86201478	73.0398106	73.43970897	57.18749472	57.29556691
ENSMUSG00000054252	3.537259256	5.56493795	10.59226572	8.054576721	7.161945863
ENSMUSG00000054256	4.952162959	8.347406925	7.061510478	4.832746033	5.729556691
ENSMUSG00000054258	7.781970364	9.043024169	8.473812573	5.638203705	5.729556691
ENSMUSG00000054263	8.489422215	10.43425866	9.179963621	8.054576721	10.02672421
ENSMUSG00000054280	159.1766665	194.077211	179.3623661	177.2006879	159.7113928
ENSMUSG00000054293	9.196874066	11.82549314	9.179963621	11.27640741	13.60769714
ENSMUSG00000054302	48.81417774	64.69240367	57.19823487	64.43661377	69.47087488
ENSMUSG00000054310	0.707451851	0.695617244	1.412302096	0	0
ENSMUSG00000054320	5.65961481	6.956172438	9.886114669	9.665492065	4.297167518

ENSMUSG00000054385	13.44158517	9.738641413	9.179963621	7.249119049	14.32389173
ENSMUSG00000054387	16.27139258	21.56413456	15.53532305	11.27640741	22.91822676
ENSMUSG00000054400	41.73965922	75.12666233	48.7244223	47.52200265	51.56601022
ENSMUSG00000054404	14.14903703	11.1298759	12.00456781	14.4982381	12.17530797
ENSMUSG00000054405	129.4636888	172.5130765	149.7040221	272.2446932	196.9535112
ENSMUSG00000054423	8.489422215	4.173703463	10.59226572	4.02728836	7.87814045
ENSMUSG00000054428	31.83533331	44.5195036	44.48751601	46.71654498	44.40406435
ENSMUSG00000054434	8.489422215	18.08604834	12.71071886	15.30369577	26.49919969
ENSMUSG00000054435	125.9264295	175.2955454	139.8179075	314.1284921	244.9385485
ENSMUSG00000054450	8.489422215	9.738641413	5.649208382	4.02728836	5.729556691
ENSMUSG00000054452	56.5961481	85.56092098	81.20737049	71.68573282	57.29556691
ENSMUSG00000054453	3.537259256	3.478086219	1.412302096	3.221830688	3.580972932
ENSMUSG00000054469	31.83533331	53.56252777	49.43057334	33.82922223	44.40406435
ENSMUSG00000054474	12.73413332	5.56493795	7.767661525	9.665492065	7.161945863
ENSMUSG00000054477	5.65961481	6.956172438	12.00456781	4.832746033	7.87814045
ENSMUSG00000054484	10.61177777	8.347406925	17.65377619	22.55281482	18.62105924
ENSMUSG00000054520	168.3735406	160.6875833	164.5331941	155.4533307	137.5093606
ENSMUSG00000054523	11.31922962	7.651789682	9.179963621	6.443661377	7.161945863
ENSMUSG00000054545	9.904325918	5.56493795	4.236906287	4.832746033	7.161945863
ENSMUSG00000054555	4.244711108	2.782468975	2.118453143	2.416373016	5.013362104
ENSMUSG00000054580	8.489422215	5.56493795	9.179963621	7.249119049	2.864778345
ENSMUSG00000054594	21.93100739	27.12907251	26.12758877	24.96918783	25.78300511
ENSMUSG00000054598	7.074518513	6.260555194	7.767661525	7.249119049	7.87814045
ENSMUSG00000054611	19.10119998	28.52030699	24.00913562	40.2728836	35.80972932
ENSMUSG00000054626	3.537259256	5.56493795	4.943057334	7.249119049	11.45911338
ENSMUSG00000054641	8.489422215	4.869320706	8.473812573	4.832746033	8.594335036
ENSMUSG00000054659	7.074518513	9.043024169	4.943057334	3.221830688	5.013362104
ENSMUSG00000054672	14.14903703	7.651789682	7.061510478	4.832746033	6.445751277
ENSMUSG00000054676	17.68629628	20.86851731	16.94762515	37.85651059	27.93158887
ENSMUSG00000054690	6.367066661	7.651789682	3.530755239	8.054576721	7.87814045
ENSMUSG00000054693	60.13340736	81.38721752	74.14586002	99.87675134	94.5376854
ENSMUSG00000054702	54.47379255	93.90832791	88.26888097	132.9005159	105.2806042
ENSMUSG00000054708	6.367066661	11.82549314	7.061510478	17.72006879	15.04008631
ENSMUSG00000054715	26.88317035	54.25814501	47.3121202	49.132918	52.99839939
ENSMUSG00000054720	50.22908144	79.99598303	52.96132858	63.6311561	66.60609653
ENSMUSG00000054728	4.952162959	4.173703463	3.530755239	4.832746033	5.729556691
ENSMUSG00000054737	10.61177777	25.04222078	21.89068248	14.4982381	17.90486466
ENSMUSG00000054746	10.61177777	6.956172438	8.473812573	7.249119049	9.310529622
ENSMUSG00000054752	5.65961481	6.260555194	6.35535943	3.221830688	3.580972932
ENSMUSG00000054757	13.44158517	7.651789682	7.061510478	8.054576721	5.729556691
ENSMUSG00000054758	9.196874066	12.52111039	9.179963621	3.221830688	3.580972932
ENSMUSG00000054766	4.952162959	10.43425866	7.767661525	4.02728836	7.161945863
ENSMUSG00000054770	19.10119998	20.86851731	20.47838039	8.860034393	14.32389173

ENSMUSG00000054792	59.42595551	86.95215547	76.97046421	69.2693598	70.18706946
ENSMUSG00000054808	145.0276295	150.9489419	153.9409284	229.5554365	156.1304198
ENSMUSG00000054814	17.68629628	22.2597518	31.0706461	27.38556085	27.93158887
ENSMUSG00000054823	80.64951104	112.6899935	96.0365425	168.3406535	143.9551119
ENSMUSG00000054827	12.73413332	6.260555194	10.59226572	4.02728836	4.297167518
ENSMUSG00000054836	20.51610369	39.6501829	39.54445867	40.2728836	28.64778345
ENSMUSG00000054855	8.489422215	8.347406925	6.35535943	2.416373016	5.729556691
ENSMUSG00000054874	60.13340736	79.30036579	60.02283906	131.2896006	111.0101609
ENSMUSG00000054885	2.122355554	1.391234488	0.706151048	0.805457672	0
ENSMUSG00000054889	7.781970364	2.086851731	5.649208382	4.832746033	7.87814045
ENSMUSG00000054892	12.02668147	29.91154148	14.829172	12.08186508	16.47247549
ENSMUSG00000054893	18.39374813	23.65098629	24.00913562	16.10915344	20.05344842
ENSMUSG00000054920	13.44158517	19.47728283	18.35992724	20.94189947	21.48583759
ENSMUSG00000054934	7.074518513	10.43425866	12.00456781	10.47094974	7.87814045
ENSMUSG00000054942	32.54278516	38.25894841	26.83373982	50.74383334	42.25548059
ENSMUSG00000054966	6.367066661	8.347406925	9.886114669	9.665492065	10.02672421
ENSMUSG00000054976	10.61177777	10.43425866	7.767661525	8.054576721	8.594335036
ENSMUSG00000054986	7.781970364	4.173703463	8.473812573	4.02728836	9.310529622
ENSMUSG00000055003	6.367066661	6.260555194	2.824604191	8.860034393	8.594335036
ENSMUSG00000055010	19.80865184	33.3896277	41.66291182	64.43661377	51.56601022
ENSMUSG00000055013	8.489422215	4.869320706	9.886114669	1.610915344	6.445751277
ENSMUSG00000055022	9.196874066	7.651789682	2.118453143	8.054576721	5.729556691
ENSMUSG00000055024	3.537259256	4.869320706	4.236906287	6.443661377	6.445751277
ENSMUSG00000055026	8.489422215	6.956172438	7.061510478	2.416373016	7.161945863
ENSMUSG00000055027	5.65961481	7.651789682	5.649208382	10.47094974	5.729556691
ENSMUSG00000055044	16.27139258	16.69481385	14.829172	12.08186508	20.05344842
ENSMUSG00000055053	2.829807405	9.043024169	15.53532305	8.054576721	6.445751277
ENSMUSG00000055067	21.93100739	50.08444155	30.36449505	37.85651059	27.21539428
ENSMUSG00000055072	8.489422215	11.1298759	9.179963621	3.221830688	8.594335036
ENSMUSG00000055099	6.367066661	9.043024169	8.473812573	4.02728836	5.729556691
ENSMUSG00000055102	7.781970364	6.260555194	2.824604191	4.832746033	7.87814045
ENSMUSG00000055108	16.97884443	27.12907251	16.2414741	18.52552646	15.04008631
ENSMUSG00000055109	0.707451851	2.782468975	2.118453143	0	1.432389173
ENSMUSG00000055125	7.781970364	6.956172438	9.179963621	8.054576721	11.45911338
ENSMUSG00000055128	24.05336294	49.38882431	46.60596915	45.10562964	51.56601022
ENSMUSG00000055172	5.65961481	6.956172438	7.767661525	1.610915344	2.864778345
ENSMUSG00000055177	7.781970364	6.260555194	6.35535943	6.443661377	10.02672421
ENSMUSG00000055204	84.89422215	126.6023384	102.3919019	226.3336059	185.4943979
ENSMUSG00000055214	5.65961481	4.869320706	4.236906287	7.249119049	5.013362104
ENSMUSG00000055235	3.537259256	13.21672763	10.59226572	9.665492065	7.87814045
ENSMUSG00000055239	81.3569629	111.298759	90.38733411	169.9515688	159.7113928
ENSMUSG00000055240	63.67066661	113.3856107	103.804204	107.1258704	85.94335036
ENSMUSG00000055254	8.489422215	5.56493795	12.00456781	4.832746033	5.013362104

ENSMUSG00000055271	21.22355554	14.60796212	21.18453143	33.02376456	20.05344842
ENSMUSG00000055296	32.54278516	66.08363816	52.25517753	55.57657937	75.20043157
ENSMUSG00000055305	7.781970364	9.738641413	6.35535943	7.249119049	2.864778345
ENSMUSG00000055313	8.489422215	10.43425866	11.29841676	7.249119049	5.729556691
ENSMUSG00000055320	12.02668147	4.173703463	7.767661525	4.02728836	2.864778345
ENSMUSG00000055322	7.781970364	9.043024169	8.473812573	5.638203705	6.445751277
ENSMUSG00000055323	87.72402956	105.0382038	100.9795998	51.54929101	43.68786977
ENSMUSG00000055333	13.44158517	4.173703463	4.943057334	5.638203705	8.594335036
ENSMUSG00000055341	16.27139258	25.04222078	21.89068248	16.91461111	21.48583759
ENSMUSG00000055360	12.73413332	10.43425866	9.886114669	7.249119049	5.013362104
ENSMUSG00000055368	7.074518513	2.782468975	5.649208382	6.443661377	10.7429188
ENSMUSG00000055371	25.46826665	48.69320706	33.89525029	33.82922223	30.08017263
ENSMUSG00000055401	6.367066661	2.782468975	6.35535943	5.638203705	10.02672421
ENSMUSG00000055403	7.074518513	2.782468975	7.061510478	6.443661377	7.87814045
ENSMUSG00000055407	8.489422215	6.956172438	7.061510478	5.638203705	9.310529622
ENSMUSG00000055409	7.074518513	5.56493795	7.061510478	7.249119049	6.445751277
ENSMUSG00000055436	146.4425332	209.3807904	166.6516473	299.630254	219.871738
ENSMUSG00000055446	5.65961481	5.56493795	9.886114669	6.443661377	5.729556691
ENSMUSG00000055447	121.6817184	144.6883867	122.1641313	248.080963	149.6846685
ENSMUSG00000055456	8.489422215	6.956172438	4.943057334	5.638203705	6.445751277
ENSMUSG00000055491	65.79302217	84.86530374	78.3827663	237.6100133	186.926787
ENSMUSG00000055531	7.074518513	13.21672763	12.71071886	8.054576721	7.87814045
ENSMUSG00000055540	10.61177777	12.52111039	9.886114669	3.221830688	12.89150255
ENSMUSG00000055541	7.781970364	11.1298759	12.00456781	4.02728836	7.87814045
ENSMUSG00000055553	75.69734809	107.8206728	97.44884459	93.43308996	83.7947666
ENSMUSG00000055567	6.367066661	6.956172438	7.767661525	4.02728836	3.580972932
ENSMUSG00000055602	10.61177777	11.1298759	11.29841676	6.443661377	11.45911338
ENSMUSG00000055612	32.54278516	44.5195036	40.25060972	131.2896006	100.2672421
ENSMUSG00000055639	9.196874066	8.347406925	5.649208382	4.832746033	2.864778345
ENSMUSG00000055652	36.08004441	51.47567604	44.48751601	42.68925662	42.97167518
ENSMUSG00000055653	0.707451851	2.086851731	4.236906287	1.610915344	3.580972932
ENSMUSG00000055670	70.74518513	129.3848073	105.2165061	86.18397091	93.82149081
ENSMUSG00000055676	45.98437033	68.17048989	73.43970897	111.9586164	100.2672421
ENSMUSG00000055681	84.1867703	86.25653823	90.38733411	168.3406535	139.6579443
ENSMUSG00000055692	6.367066661	8.347406925	12.00456781	7.249119049	12.17530797
ENSMUSG00000055694	7.781970364	11.82549314	6.35535943	12.88732275	13.60769714
ENSMUSG00000055704	7.074518513	4.869320706	4.943057334	8.054576721	7.161945863
ENSMUSG00000055707	23.34591109	28.52030699	37.42600553	45.91108731	32.22875639
ENSMUSG00000055717	10.61177777	31.99839321	20.47838039	22.55281482	30.08017263
ENSMUSG00000055720	19.80865184	43.82388636	47.3121202	39.46742593	49.41742646
ENSMUSG00000055725	7.781970364	7.651789682	4.943057334	4.832746033	12.89150255
ENSMUSG00000055730	8.489422215	2.782468975	9.179963621	5.638203705	7.87814045
ENSMUSG00000055732	7.074518513	4.869320706	6.35535943	2.416373016	7.87814045

ENSMUSG00000055737	10.61177777	6.260555194	7.061510478	7.249119049	4.297167518
ENSMUSG00000055748	11.31922962	5.56493795	12.00456781	7.249119049	8.594335036
ENSMUSG00000055760	8.489422215	20.86851731	20.47838039	39.46742593	24.35061594
ENSMUSG00000055761	7.074518513	11.1298759	6.35535943	8.860034393	5.013362104
ENSMUSG00000055762	82.06441475	149.5577074	127.1071886	214.2517408	173.3190899
ENSMUSG00000055775	7.781970364	7.651789682	8.473812573	6.443661377	5.729556691
ENSMUSG00000055780	3.537259256	5.56493795	7.061510478	3.221830688	4.297167518
ENSMUSG00000055799	9.196874066	4.869320706	8.473812573	4.02728836	10.02672421
ENSMUSG00000055805	198.0865184	189.2078903	202.6653507	198.1425873	170.4543116
ENSMUSG00000055817	33.25023701	66.7792554	62.1412922	64.43661377	55.86317773
ENSMUSG00000055818	13.44158517	17.39043109	24.00913562	17.72006879	12.89150255
ENSMUSG00000055827	8.489422215	5.56493795	9.179963621	6.443661377	7.161945863
ENSMUSG00000055831	7.781970364	4.173703463	6.35535943	5.638203705	7.87814045
ENSMUSG00000055835	14.14903703	19.47728283	14.12302096	37.85651059	35.80972932
ENSMUSG00000055850	61.54831106	89.73462445	88.26888097	88.60034393	76.63282074
ENSMUSG00000055900	23.34591109	20.17290007	30.36449505	52.35474869	44.40406435
ENSMUSG00000055917	31.83533331	68.17048989	58.61053696	49.132918	49.41742646
ENSMUSG00000055923	14.85648888	16.69481385	19.06607829	24.96918783	22.20203218
ENSMUSG00000055932	47.39927403	103.6469693	84.03197468	80.54576721	79.49759908
ENSMUSG00000055933	2.829807405	2.782468975	2.824604191	4.02728836	2.864778345
ENSMUSG00000055942	5.65961481	5.56493795	8.473812573	8.860034393	7.87814045
ENSMUSG00000055960	3.537259256	5.56493795	8.473812573	3.221830688	7.87814045
ENSMUSG00000055961	8.489422215	7.651789682	7.061510478	2.416373016	9.310529622
ENSMUSG00000055963	10.61177777	6.956172438	7.061510478	1.610915344	3.580972932
ENSMUSG00000055971	7.074518513	11.1298759	4.236906287	5.638203705	11.45911338
ENSMUSG00000055991	20.51610369	29.91154148	25.42143772	18.52552646	26.49919969
ENSMUSG00000055994	8.489422215	10.43425866	11.29841676	14.4982381	10.02672421
ENSMUSG00000056004	9.196874066	7.651789682	10.59226572	6.443661377	7.87814045
ENSMUSG00000056014	45.98437033	78.60474855	67.08434954	56.38203705	54.43078856
ENSMUSG00000056018	9.196874066	9.043024169	7.061510478	4.02728836	4.297167518
ENSMUSG00000056019	17.68629628	24.34660353	20.47838039	38.66196826	32.22875639
ENSMUSG00000056023	8.489422215	11.82549314	9.179963621	10.47094974	6.445751277
ENSMUSG00000056025	12.73413332	4.869320706	9.179963621	4.832746033	4.297167518
ENSMUSG00000056055	6.367066661	11.1298759	10.59226572	7.249119049	9.310529622
ENSMUSG00000056071	9.196874066	5.56493795	7.767661525	6.443661377	7.87814045
ENSMUSG00000056073	9.904325918	9.043024169	9.179963621	4.832746033	4.297167518
ENSMUSG00000056076	163.4213776	189.9035076	160.2962878	351.9850027	262.8434132
ENSMUSG00000056089	6.367066661	6.260555194	2.118453143	3.221830688	8.594335036
ENSMUSG00000056091	5.65961481	18.78166558	24.71528667	19.33098413	10.7429188
ENSMUSG00000056106	9.904325918	16.69481385	9.179963621	10.47094974	15.7562809
ENSMUSG00000056116	137.2456591	191.9903593	170.1824025	276.2719815	179.7648412
ENSMUSG00000056121	35.37259256	43.12826911	38.83830763	21.74735715	25.78300511
ENSMUSG00000056131	8.489422215	18.78166558	19.77222934	16.10915344	23.63442135

ENSMUSG00000056144	135.8307554	167.6437558	128.5194907	155.4533307	137.5093606
ENSMUSG00000056153	6.367066661	8.347406925	3.530755239	4.832746033	7.87814045
ENSMUSG00000056158	4.244711108	6.956172438	13.41686991	6.443661377	5.729556691
ENSMUSG00000056162	9.196874066	6.956172438	10.59226572	3.221830688	7.161945863
ENSMUSG00000056211	70.03773327	98.77764862	96.74269354	145.7878386	116.7397176
ENSMUSG00000056215	4.952162959	4.869320706	3.530755239	4.832746033	3.580972932
ENSMUSG00000056220	6.367066661	9.043024169	7.767661525	2.416373016	7.87814045
ENSMUSG00000056222	9.904325918	3.478086219	7.061510478	6.443661377	7.87814045
ENSMUSG00000056228	24.05336294	25.73783802	33.89525029	32.21830688	28.64778345
ENSMUSG00000056234	79.94205919	139.819066	114.3964697	133.7059736	116.023523
ENSMUSG00000056257	28.29807405	38.95456565	28.95219296	33.82922223	25.78300511
ENSMUSG00000056260	7.074518513	11.82549314	5.649208382	9.665492065	10.02672421
ENSMUSG00000056267	19.80865184	22.95536904	26.12758877	15.30369577	15.04008631
ENSMUSG00000056268	34.66514071	63.30116918	53.66747963	103.098582	70.18706946
ENSMUSG00000056271	12.02668147	15.99919661	12.00456781	13.69278043	19.33725383
ENSMUSG00000056290	14.85648888	13.21672763	19.06607829	16.10915344	10.7429188
ENSMUSG00000056293	12.02668147	7.651789682	7.767661525	4.02728836	5.013362104
ENSMUSG00000056296	14.85648888	5.56493795	9.886114669	4.832746033	5.013362104
ENSMUSG00000056300	24.05336294	17.39043109	30.36449505	16.10915344	20.05344842
ENSMUSG00000056310	93.38364437	141.9059177	105.2165061	173.9788572	136.0769714
ENSMUSG00000056316	3.537259256	4.173703463	9.179963621	4.02728836	3.580972932
ENSMUSG00000056328	7.781970364	9.738641413	8.473812573	4.832746033	5.729556691
ENSMUSG00000056342	101.8730666	126.6023384	115.8087718	242.4427593	161.8599765
ENSMUSG00000056366	9.196874066	6.260555194	9.886114669	10.47094974	9.310529622
ENSMUSG00000056367	10.61177777	13.91234488	13.41686991	7.249119049	12.17530797
ENSMUSG00000056370	7.781970364	7.651789682	6.35535943	12.08186508	7.87814045
ENSMUSG00000056380	2.829807405	5.56493795	4.236906287	2.416373016	3.580972932
ENSMUSG00000056383	38.90985182	70.95295887	63.5535943	53.96566403	45.12025894
ENSMUSG00000056394	11.31922962	27.82468975	16.2414741	28.9964762	25.78300511
ENSMUSG00000056413	19.10119998	27.12907251	31.0706461	38.66196826	35.80972932
ENSMUSG00000056427	4.952162959	4.173703463	5.649208382	8.860034393	5.013362104
ENSMUSG00000056458	8.489422215	8.347406925	12.00456781	6.443661377	7.87814045
ENSMUSG00000056459	53.05888884	95.99517964	70.61510478	185.2552646	138.9417498
ENSMUSG00000056476	7.074518513	7.651789682	4.943057334	8.860034393	5.013362104
ENSMUSG00000056486	9.196874066	9.043024169	4.236906287	3.221830688	5.729556691
ENSMUSG00000056498	29.71297775	45.91073809	30.36449505	99.07129367	85.22715578
ENSMUSG00000056531	40.32475552	68.17048989	55.78593277	127.2623122	89.52432329
ENSMUSG00000056536	107.5326814	163.4700523	141.9363606	183.6443492	177.6162574
ENSMUSG00000056537	60.84085921	91.82147618	73.43970897	138.5387196	98.11865833
ENSMUSG00000056553	9.904325918	6.956172438	3.530755239	5.638203705	8.594335036
ENSMUSG00000056569	38.20239997	55.6493795	58.61053696	42.68925662	47.98503729
ENSMUSG00000056592	5.65961481	8.347406925	16.2414741	8.860034393	7.161945863
ENSMUSG00000056598	10.61177777	22.2597518	18.35992724	20.1364418	13.60769714

ENSMUSG00000056602	17.68629628	36.86771392	32.4829482	16.91461111	16.47247549
ENSMUSG00000056606	9.904325918	4.869320706	7.061510478	5.638203705	5.729556691
ENSMUSG00000056608	14.14903703	28.52030699	23.30298458	19.33098413	18.62105924
ENSMUSG00000056617	7.074518513	10.43425866	12.00456781	5.638203705	6.445751277
ENSMUSG00000056629	41.73965922	53.56252777	34.60140134	103.098582	81.64618284
ENSMUSG00000056666	15.56394073	22.2597518	26.83373982	19.33098413	16.47247549
ENSMUSG00000056673	24.76081479	36.86771392	28.24604191	41.88379895	35.80972932
ENSMUSG00000056679	5.65961481	1.391234488	4.943057334	3.221830688	2.148583759
ENSMUSG00000056692	94.79854807	130.7760418	112.2780166	202.1698757	158.9951982
ENSMUSG00000056698	14.14903703	29.91154148	19.77222934	20.94189947	21.48583759
ENSMUSG00000056718	12.02668147	11.82549314	14.12302096	12.88732275	11.45911338
ENSMUSG00000056724	20.51610369	29.21592424	22.59683353	25.77464551	35.09353473
ENSMUSG00000056737	43.15456293	61.9099347	57.19823487	49.132918	45.12025894
ENSMUSG00000056752	10.61177777	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000056753	52.35143699	83.47406925	73.43970897	61.21478308	56.57937232
ENSMUSG00000056755	8.489422215	4.869320706	4.236906287	4.02728836	6.445751277
ENSMUSG00000056758	4.952162959	9.043024169	7.061510478	3.221830688	5.729556691
ENSMUSG00000056763	55.1812444	112.6899935	81.20737049	161.8969921	138.2255552
ENSMUSG00000056770	98.33580733	143.2971522	132.0502459	202.1698757	158.2790036
ENSMUSG00000056812	6.367066661	6.956172438	7.767661525	4.832746033	2.864778345
ENSMUSG00000056824	5.65961481	7.651789682	7.061510478	8.054576721	7.87814045
ENSMUSG00000056832	7.781970364	11.82549314	9.179963621	8.860034393	8.594335036
ENSMUSG00000056851	84.89422215	116.1680797	74.14586002	281.9101852	206.2640409
ENSMUSG00000056856	3.537259256	6.260555194	4.943057334	4.832746033	2.864778345
ENSMUSG00000056880	9.196874066	3.478086219	7.061510478	5.638203705	6.445751277
ENSMUSG00000056888	10.61177777	6.956172438	5.649208382	11.27640741	7.161945863
ENSMUSG00000056899	16.97884443	29.21592424	18.35992724	23.35827249	27.93158887
ENSMUSG00000056900	7.781970364	8.347406925	8.473812573	6.443661377	8.594335036
ENSMUSG00000056912	6.367066661	15.30357936	6.35535943	4.02728836	4.297167518
ENSMUSG00000056917	56.5961481	72.34419335	72.02740687	101.4876667	97.40246374
ENSMUSG00000056938	12.02668147	24.34660353	28.24604191	17.72006879	21.48583759
ENSMUSG00000056941	45.98437033	69.56172438	63.5535943	59.60386773	61.59273443
ENSMUSG00000056952	74.28244438	107.8206728	90.38733411	222.3063175	168.3057278
ENSMUSG00000056962	43.15456293	77.21351406	84.73812573	203.780791	152.5494469
ENSMUSG00000057000	9.196874066	2.086851731	2.824604191	4.02728836	3.580972932
ENSMUSG00000057003	8.489422215	2.782468975	5.649208382	4.02728836	6.445751277
ENSMUSG00000057036	9.196874066	11.1298759	16.94762515	18.52552646	11.45911338
ENSMUSG00000057054	29.0055259	52.86691053	31.77679715	35.44013757	32.22875639
ENSMUSG00000057058	7.781970364	6.956172438	6.35535943	10.47094974	4.297167518
ENSMUSG00000057068	14.14903703	8.347406925	6.35535943	8.054576721	5.729556691
ENSMUSG00000057072	3.537259256	8.347406925	4.943057334	9.665492065	5.729556691
ENSMUSG00000057092	6.367066661	4.869320706	5.649208382	8.054576721	9.310529622
ENSMUSG00000057093	6.367066661	10.43425866	8.473812573	9.665492065	5.013362104



ENSMUSG00000057098	100.4581629	128.6891901	108.7472614	168.3406535	136.0769714
ENSMUSG00000057103	30.4204296	61.9099347	53.66747963	46.71654498	55.86317773
ENSMUSG00000057110	47.39927403	50.7800588	45.8998181	79.74030954	63.74131818
ENSMUSG00000057113	55.1812444	91.82147618	74.14586002	242.4427593	147.5360848
ENSMUSG00000057123	7.074518513	6.956172438	5.649208382	6.443661377	10.7429188
ENSMUSG00000057130	0	0	0.706151048	0	0
ENSMUSG00000057132	15.56394073	11.1298759	9.886114669	11.27640741	14.32389173
ENSMUSG00000057133	79.94205919	89.0390072	81.20737049	73.29664816	68.75468029
ENSMUSG00000057135	38.90985182	54.25814501	45.8998181	22.55281482	29.36397804
ENSMUSG00000057143	36.78749627	74.43104508	45.8998181	62.82569842	61.59273443
ENSMUSG00000057147	16.97884443	31.99839321	30.36449505	21.74735715	21.48583759
ENSMUSG00000057156	11.31922962	11.82549314	9.886114669	6.443661377	10.7429188
ENSMUSG00000057177	70.74518513	100.8645003	91.09348516	89.4058016	83.07857202
ENSMUSG00000057181	21.93100739	44.5195036	29.65834401	33.02376456	30.08017263
ENSMUSG00000057182	6.367066661	9.043024169	9.886114669	7.249119049	7.161945863
ENSMUSG00000057191	44.56946663	60.51870021	70.61510478	35.44013757	36.5259239
ENSMUSG00000057195	9.904325918	6.260555194	4.943057334	1.610915344	8.594335036
ENSMUSG00000057219	12.73413332	20.86851731	24.71528667	35.44013757	27.93158887
ENSMUSG00000057229	18.39374813	34.08524495	32.4829482	12.88732275	30.08017263
ENSMUSG00000057230	40.32475552	66.7792554	65.67204744	53.96566403	61.59273443
ENSMUSG00000057236	71.45263698	118.9505487	104.5103551	170.7570265	158.2790036
ENSMUSG00000057240	4.952162959	4.869320706	6.35535943	1.610915344	7.161945863
ENSMUSG00000057246	7.074518513	16.69481385	15.53532305	15.30369577	14.32389173
ENSMUSG00000057265	11.31922962	22.95536904	25.42143772	15.30369577	12.17530797
ENSMUSG00000057280	9.904325918	6.956172438	6.35535943	6.443661377	5.013362104
ENSMUSG00000057315	45.98437033	75.12666233	57.19823487	55.57657937	61.59273443
ENSMUSG00000057322	55.88869625	83.47406925	71.32125582	242.4427593	170.4543116
ENSMUSG00000057335	136.5382073	173.9043109	177.950064	100.682209	78.06520991
ENSMUSG00000057337	239.8261776	217.7281973	237.9729031	387.4251403	296.5045587
ENSMUSG00000057342	53.05888884	86.25653823	85.44427678	295.6029657	224.1689055
ENSMUSG00000057346	7.074518513	6.956172438	7.767661525	8.860034393	10.02672421
ENSMUSG00000057363	27.5906222	36.17209668	44.48751601	45.10562964	42.25548059
ENSMUSG00000057367	25.46826665	61.21431745	43.07521391	99.87675134	65.88990194
ENSMUSG00000057375	33.95768886	47.30197258	54.37363068	24.16373016	43.68786977
ENSMUSG00000057378	8.489422215	3.478086219	7.061510478	6.443661377	5.013362104
ENSMUSG00000057400	9.196874066	6.956172438	9.179963621	3.221830688	5.729556691
ENSMUSG00000057406	43.15456293	39.6501829	43.07521391	117.5968201	88.80812871
ENSMUSG00000057421	19.10119998	40.34580014	34.60140134	79.74030954	52.99839939
ENSMUSG00000057439	6.367066661	4.869320706	3.530755239	4.832746033	5.013362104
ENSMUSG00000057443	8.489422215	6.956172438	7.767661525	4.832746033	9.310529622
ENSMUSG00000057444	4.952162959	4.173703463	7.061510478	2.416373016	8.594335036
ENSMUSG00000057455	7.074518513	4.173703463	5.649208382	6.443661377	15.04008631
ENSMUSG00000057457	3.537259256	2.782468975	3.530755239	1.610915344	5.013362104

ENSMUSG00000057522	12.02668147	26.43345526	23.30298458	37.85651059	41.53928601
ENSMUSG00000057530	33.95768886	55.6493795	59.31668801	49.132918	30.79636721
ENSMUSG00000057531	52.35143699	88.34338996	67.08434954	127.2623122	100.9834367
ENSMUSG00000057534	39.61730367	26.43345526	33.18909925	22.55281482	23.63442135
ENSMUSG00000057541	19.10119998	41.04141738	43.78136496	106.3204127	78.7814045
ENSMUSG00000057554	7.074518513	17.39043109	9.886114669	3.221830688	5.729556691
ENSMUSG00000057564	7.074518513	2.782468975	6.35535943	9.665492065	7.161945863
ENSMUSG00000057572	73.57499253	114.081228	89.68118307	165.9242805	131.0636093
ENSMUSG00000057594	55.88869625	107.8206728	102.3919019	97.46037832	85.22715578
ENSMUSG00000057596	50.22908144	102.2557348	76.97046421	127.2623122	90.95671247
ENSMUSG00000057606	7.781970364	7.651789682	7.061510478	4.02728836	2.148583759
ENSMUSG00000057637	31.83533331	64.69240367	45.19366706	49.93837567	46.55264811
ENSMUSG00000057666	35.37259256	47.30197258	50.84287544	198.948045	129.6312201
ENSMUSG00000057672	82.7718666	116.863697	115.1026208	193.3098413	139.6579443
ENSMUSG00000057710	9.196874066	6.260555194	11.29841676	5.638203705	6.445751277
ENSMUSG00000057715	7.781970364	6.260555194	4.236906287	4.832746033	10.7429188
ENSMUSG00000057719	7.781970364	7.651789682	5.649208382	4.02728836	5.729556691
ENSMUSG00000057722	9.196874066	3.478086219	9.179963621	7.249119049	5.729556691
ENSMUSG00000057729	6.367066661	9.043024169	7.061510478	7.249119049	10.7429188
ENSMUSG00000057738	44.56946663	66.08363816	45.19366706	59.60386773	60.16034525
ENSMUSG00000057751	4.244711108	3.478086219	4.943057334	4.832746033	5.013362104
ENSMUSG00000057762	11.31922962	6.260555194	7.061510478	8.054576721	15.04008631
ENSMUSG00000057766	7.781970364	6.956172438	2.824604191	3.221830688	10.7429188
ENSMUSG00000057778	53.05888884	100.1688831	103.804204	70.07481747	85.22715578
ENSMUSG00000057788	72.16008883	106.4294383	104.5103551	164.3133651	136.0769714
ENSMUSG00000057789	18.39374813	33.3896277	35.30755239	86.18397091	63.0251236
ENSMUSG00000057836	5.65961481	4.869320706	2.118453143	2.416373016	7.87814045
ENSMUSG00000057842	37.49494812	67.47487265	56.49208382	28.19101852	41.53928601
ENSMUSG00000057855	4.244711108	11.1298759	7.061510478	5.638203705	3.580972932
ENSMUSG00000057880	8.489422215	7.651789682	8.473812573	6.443661377	8.594335036
ENSMUSG00000057894	48.10672589	74.43104508	60.72899011	49.132918	51.56601022
ENSMUSG00000057895	7.074518513	7.651789682	5.649208382	3.221830688	10.02672421
ENSMUSG00000057897	9.904325918	4.869320706	2.118453143	5.638203705	3.580972932
ENSMUSG00000057913	12.02668147	6.956172438	7.767661525	8.054576721	5.013362104
ENSMUSG00000057914	5.65961481	6.956172438	7.767661525	6.443661377	6.445751277
ENSMUSG00000057933	10.61177777	4.869320706	9.179963621	5.638203705	6.445751277
ENSMUSG00000057948	23.34591109	28.52030699	28.95219296	49.93837567	36.5259239
ENSMUSG00000057967	1.414903703	9.043024169	7.767661525	3.221830688	6.445751277
ENSMUSG00000057969	1.414903703	2.086851731	4.236906287	5.638203705	5.013362104
ENSMUSG00000057977	5.65961481	5.56493795	5.649208382	3.221830688	5.729556691
ENSMUSG00000058006	64.37811846	91.12585893	84.03197468	153.0369577	119.6044959
ENSMUSG00000058013	58.71850365	89.73462445	91.09348516	101.4876667	78.7814045
ENSMUSG00000058019	14.14903703	5.56493795	4.943057334	3.221830688	7.161945863

ENSMUSG00000058022	12.02668147	7.651789682	6.35535943	9.665492065	4.297167518
ENSMUSG00000058028	8.489422215	4.869320706	6.35535943	5.638203705	4.297167518
ENSMUSG00000058056	9.196874066	9.043024169	5.649208382	2.416373016	6.445751277
ENSMUSG00000058070	8.489422215	6.260555194	4.236906287	3.221830688	8.594335036
ENSMUSG00000058076	37.49494812	69.56172438	59.31668801	41.07834128	57.29556691
ENSMUSG00000058093	50.93653329	75.12666233	64.96589639	49.132918	58.72795608
ENSMUSG00000058099	34.66514071	43.82388636	41.66291182	17.72006879	22.91822676
ENSMUSG00000058126	16.97884443	11.82549314	14.829172	24.16373016	12.17530797
ENSMUSG00000058135	8.489422215	5.56493795	8.473812573	7.249119049	5.729556691
ENSMUSG00000058145	8.489422215	2.782468975	9.886114669	6.443661377	2.148583759
ENSMUSG00000058153	4.244711108	4.869320706	6.35535943	11.27640741	5.729556691
ENSMUSG00000058163	23.34591109	25.73783802	30.36449505	36.24559524	22.20203218
ENSMUSG00000058173	8.489422215	8.347406925	14.829172	20.94189947	12.89150255
ENSMUSG00000058183	8.489422215	7.651789682	9.886114669	6.443661377	7.87814045
ENSMUSG00000058186	21.22355554	20.17290007	21.89068248	13.69278043	15.7562809
ENSMUSG00000058192	29.0055259	28.52030699	33.18909925	18.52552646	27.93158887
ENSMUSG00000058216	3.537259256	2.782468975	6.35535943	11.27640741	6.445751277
ENSMUSG00000058230	19.80865184	43.12826911	45.19366706	58.79841006	52.2822048
ENSMUSG00000058239	33.25023701	49.38882431	64.96589639	98.265836	105.2806042
ENSMUSG00000058240	29.0055259	54.25814501	49.43057334	42.68925662	39.39070225
ENSMUSG00000058248	7.074518513	4.869320706	6.35535943	6.443661377	4.297167518
ENSMUSG00000058258	14.85648888	27.12907251	20.47838039	101.4876667	98.11865833
ENSMUSG00000058267	19.10119998	45.91073809	31.0706461	73.29664816	58.01176149
ENSMUSG00000058291	70.74518513	104.3425866	86.85657888	107.9313281	99.5510475
ENSMUSG00000058297	4.952162959	6.956172438	8.473812573	3.221830688	9.310529622
ENSMUSG00000058317	6.367066661	4.173703463	4.236906287	8.860034393	4.297167518
ENSMUSG00000058318	13.44158517	10.43425866	9.886114669	8.860034393	10.02672421
ENSMUSG00000058328	0	0	0	0	0
ENSMUSG00000058331	31.12788146	70.25734162	60.72899011	27.38556085	34.37734014
ENSMUSG00000058351	34.66514071	50.08444155	40.95676077	64.43661377	56.57937232
ENSMUSG00000058388	35.37259256	56.34499675	52.96132858	89.4058016	86.65954495
ENSMUSG00000058392	38.90985182	47.30197258	46.60596915	232.7772672	136.793166
ENSMUSG00000058400	9.196874066	8.347406925	7.767661525	4.832746033	6.445751277
ENSMUSG00000058402	19.10119998	37.56333116	19.06607829	26.58010318	24.35061594
ENSMUSG00000058407	65.08557032	84.1696865	107.3349593	181.2279762	143.9551119
ENSMUSG00000058427	9.196874066	6.956172438	6.35535943	4.832746033	6.445751277
ENSMUSG00000058440	45.27691848	61.9099347	63.5535943	176.3952302	132.4959985
ENSMUSG00000058444	17.68629628	30.60715873	28.95219296	36.24559524	42.25548059
ENSMUSG00000058446	19.80865184	45.91073809	39.54445867	78.12939419	55.86317773
ENSMUSG00000058447	0	3.478086219	2.824604191	2.416373016	1.432389173
ENSMUSG00000058454	26.88317035	48.69320706	38.13215658	22.55281482	31.5125618
ENSMUSG00000058470	80.64951104	109.2119073	118.633376	163.5079074	123.1854689
ENSMUSG00000058486	29.0055259	41.73703463	48.01827125	38.66196826	27.21539428

ENSMUSG00000058498	13.44158517	7.651789682	12.71071886	5.638203705	9.310529622
ENSMUSG00000058503	119.5593629	143.9927695	125.6948865	186.8661799	143.2389173
ENSMUSG00000058550	7.074518513	7.651789682	9.886114669	4.832746033	7.87814045
ENSMUSG00000058558	73.57499253	88.34338996	86.85657888	240.831844	226.3174893
ENSMUSG00000058571	12.73413332	6.260555194	6.35535943	4.02728836	7.87814045
ENSMUSG00000058586	12.02668147	11.1298759	4.236906287	6.443661377	6.445751277
ENSMUSG00000058589	15.56394073	3.478086219	4.236906287	4.832746033	7.161945863
ENSMUSG00000058594	46.69182218	87.64777272	74.85201106	74.9075635	59.44415067
ENSMUSG00000058600	6.367066661	17.39043109	9.886114669	37.05105292	20.769643
ENSMUSG00000058624	7.781970364	2.782468975	6.35535943	6.443661377	3.580972932
ENSMUSG00000058626	9.196874066	3.478086219	6.35535943	7.249119049	7.87814045
ENSMUSG00000058638	36.78749627	76.51789682	64.96589639	54.7711217	56.57937232
ENSMUSG00000058656	8.489422215	9.738641413	7.767661525	6.443661377	6.445751277
ENSMUSG00000058659	8.489422215	8.347406925	6.35535943	4.02728836	7.87814045
ENSMUSG00000058690	79.94205919	116.863697	98.86114669	63.6311561	56.57937232
ENSMUSG00000058709	79.94205919	97.38641413	82.61967259	138.5387196	121.7530797
ENSMUSG00000058715	12.02668147	9.738641413	9.179963621	10.47094974	8.594335036
ENSMUSG00000058729	45.98437033	64.69240367	73.43970897	84.57305557	88.09193412
ENSMUSG00000058740	4.244711108	6.260555194	5.649208382	4.02728836	7.87814045
ENSMUSG00000058756	11.31922962	13.21672763	19.77222934	7.249119049	16.47247549
ENSMUSG00000058793	79.23460734	87.64777272	79.08891735	130.4841429	113.8749392
ENSMUSG00000058794	6.367066661	9.043024169	5.649208382	4.832746033	8.594335036
ENSMUSG00000058799	147.1499851	194.077211	174.4193088	262.5792011	189.7915654
ENSMUSG00000058806	6.367066661	2.782468975	2.824604191	4.832746033	7.161945863
ENSMUSG00000058818	19.80865184	22.95536904	10.59226572	9.665492065	10.02672421
ENSMUSG00000058831	8.489422215	9.043024169	6.35535943	4.832746033	8.594335036
ENSMUSG00000058833	17.68629628	36.86771392	32.4829482	86.18397091	48.70123187
ENSMUSG00000058835	111.0699406	137.7322143	103.804204	182.8388916	162.5761711
ENSMUSG00000058881	4.952162959	11.82549314	9.886114669	7.249119049	6.445751277
ENSMUSG00000058883	16.27139258	31.99839321	25.42143772	25.77464551	20.05344842
ENSMUSG00000058897	9.196874066	4.869320706	3.530755239	8.860034393	4.297167518
ENSMUSG00000058908	11.31922962	7.651789682	3.530755239	10.47094974	5.729556691
ENSMUSG00000058914	14.14903703	7.651789682	7.061510478	8.054576721	5.013362104
ENSMUSG00000058925	10.61177777	1.391234488	7.767661525	5.638203705	5.729556691
ENSMUSG00000058927	6.367066661	6.260555194	8.473812573	16.10915344	17.90486466
ENSMUSG00000058935	10.61177777	10.43425866	7.061510478	6.443661377	3.580972932
ENSMUSG00000058952	11.31922962	6.956172438	4.236906287	8.054576721	10.7429188
ENSMUSG00000058966	9.196874066	6.956172438	4.236906287	7.249119049	4.297167518
ENSMUSG00000059003	5.65961481	1.391234488	4.943057334	5.638203705	6.445751277
ENSMUSG00000059005	1.414903703	0.695617244	1.412302096	4.832746033	2.148583759
ENSMUSG00000059013	72.86754068	76.51789682	76.26431316	86.98942859	61.59273443
ENSMUSG00000059022	8.489422215	9.738641413	7.061510478	8.054576721	10.02672421
ENSMUSG00000059049	7.781970364	4.869320706	7.061510478	5.638203705	5.013362104

ENSMUSG00000059060	17.68629628	25.73783802	21.18453143	24.96918783	22.20203218
ENSMUSG00000059070	66.50047402	119.6461659	95.33039145	137.7332619	107.429188
ENSMUSG00000059142	13.44158517	13.91234488	19.77222934	12.08186508	10.02672421
ENSMUSG00000059146	4.244711108	4.869320706	7.767661525	4.02728836	6.445751277
ENSMUSG00000059149	6.367066661	7.651789682	9.886114669	9.665492065	7.161945863
ENSMUSG00000059173	9.196874066	6.260555194	6.35535943	3.221830688	5.729556691
ENSMUSG00000059183	42.44711108	55.6493795	67.79050059	76.51847885	64.45751277
ENSMUSG00000059187	7.074518513	5.56493795	9.886114669	5.638203705	11.45911338
ENSMUSG00000059201	10.61177777	6.260555194	4.943057334	2.416373016	4.297167518
ENSMUSG00000059203	4.244711108	4.173703463	1.412302096	0.805457672	1.432389173
ENSMUSG00000059208	31.83533331	46.60635533	48.7244223	51.54929101	41.53928601
ENSMUSG00000059218	7.074518513	9.043024169	5.649208382	8.054576721	5.729556691
ENSMUSG00000059248	10.61177777	5.56493795	4.943057334	4.832746033	5.729556691
ENSMUSG00000059288	3.537259256	3.478086219	2.824604191	3.221830688	3.580972932
ENSMUSG00000059291	50.93653329	89.0390072	82.61967259	339.9031376	220.5879326
ENSMUSG00000059305	18.39374813	26.43345526	20.47838039	24.96918783	15.04008631
ENSMUSG00000059323	7.074518513	12.52111039	9.179963621	28.9964762	15.7562809
ENSMUSG00000059325	10.61177777	8.347406925	7.767661525	4.02728836	10.7429188
ENSMUSG00000059336	151.3946962	130.7760418	137.6994543	134.5114312	105.2806042
ENSMUSG00000059355	24.05336294	27.12907251	39.54445867	41.07834128	34.37734014
ENSMUSG00000059363	15.56394073	27.12907251	23.30298458	16.91461111	25.06681052
ENSMUSG00000059383	6.367066661	5.56493795	11.29841676	1.610915344	5.013362104
ENSMUSG00000059401	3.537259256	2.782468975	1.412302096	1.610915344	5.729556691
ENSMUSG00000059423	43.15456293	81.38721752	62.1412922	62.82569842	68.0384857
ENSMUSG00000059430	7.781970364	7.651789682	6.35535943	5.638203705	9.310529622
ENSMUSG00000059436	55.1812444	71.64857611	71.32125582	190.8934683	133.9283876
ENSMUSG00000059439	20.51610369	33.3896277	27.53989086	20.1364418	15.04008631
ENSMUSG00000059447	96.21345177	168.339373	134.1686991	169.1461111	143.9551119
ENSMUSG00000059456	178.9853184	193.3815938	206.902257	177.2006879	157.562809
ENSMUSG00000059474	45.98437033	72.34419335	67.79050059	203.780791	127.4826364
ENSMUSG00000059475	41.73965922	65.38802092	58.61053696	53.16020636	72.33565322
ENSMUSG00000059482	3.537259256	10.43425866	12.00456781	8.860034393	14.32389173
ENSMUSG00000059486	91.96874066	123.8198694	110.1595635	197.3371297	148.2522794
ENSMUSG00000059493	1.414903703	3.478086219	3.530755239	0.805457672	1.432389173
ENSMUSG00000059495	16.27139258	21.56413456	13.41686991	23.35827249	26.49919969
ENSMUSG00000059498	2.829807405	1.391234488	1.412302096	0.805457672	2.864778345
ENSMUSG00000059518	8.489422215	11.1298759	19.06607829	16.91461111	15.04008631
ENSMUSG00000059540	6.367066661	14.60796212	15.53532305	11.27640741	15.7562809
ENSMUSG00000059552	104.702874	123.1242521	118.633376	205.3917064	187.6429816
ENSMUSG00000059554	11.31922962	15.99919661	9.179963621	9.665492065	11.45911338
ENSMUSG00000059562	8.489422215	7.651789682	9.179963621	8.054576721	7.161945863
ENSMUSG00000059588	41.73965922	59.82308296	65.67204744	22.55281482	20.769643
ENSMUSG00000059602	7.781970364	8.347406925	8.473812573	6.443661377	10.7429188

ENSMUSG00000059626	6.367066661	3.478086219	3.530755239	3.221830688	2.148583759
ENSMUSG00000059631	11.31922962	7.651789682	7.767661525	5.638203705	5.729556691
ENSMUSG00000059689	16.27139258	32.69401046	26.12758877	26.58010318	22.91822676
ENSMUSG00000059708	5.65961481	11.1298759	7.061510478	8.860034393	8.594335036
ENSMUSG00000059713	9.196874066	11.82549314	12.00456781	6.443661377	9.310529622
ENSMUSG00000059714	2.829807405	2.086851731	2.118453143	3.221830688	4.297167518
ENSMUSG00000059741	5.65961481	5.56493795	5.649208382	12.88732275	7.87814045
ENSMUSG00000059742	9.196874066	6.956172438	7.061510478	6.443661377	9.310529622
ENSMUSG00000059743	12.73413332	22.2597518	13.41686991	80.54576721	74.48423698
ENSMUSG00000059772	19.10119998	29.91154148	25.42143772	119.2077355	90.95671247
ENSMUSG00000059775	97.62835547	122.4286349	112.2780166	85.37851324	96.68626916
ENSMUSG00000059791	32.54278516	36.86771392	43.07521391	40.2728836	33.66114556
ENSMUSG00000059796	9.904325918	19.47728283	14.829172	89.4058016	73.05184781
ENSMUSG00000059810	9.196874066	4.869320706	10.59226572	6.443661377	10.02672421
ENSMUSG00000059811	80.64951104	111.298759	92.50578726	139.3441773	127.4826364
ENSMUSG00000059820	45.98437033	70.25734162	55.78593277	97.46037832	80.21379367
ENSMUSG00000059824	10.61177777	15.30357936	13.41686991	10.47094974	7.87814045
ENSMUSG00000059834	18.39374813	35.47647943	21.18453143	28.19101852	21.48583759
ENSMUSG00000059842	7.781970364	20.86851731	16.94762515	12.08186508	15.04008631
ENSMUSG00000059851	5.65961481	8.347406925	13.41686991	8.054576721	8.594335036
ENSMUSG00000059857	7.074518513	7.651789682	7.767661525	4.02728836	7.87814045
ENSMUSG00000059866	40.32475552	85.56092098	63.5535943	57.99295239	57.29556691
ENSMUSG00000059878	23.34591109	47.30197258	33.89525029	30.60739154	32.22875639
ENSMUSG00000059883	24.05336294	35.47647943	39.54445867	38.66196826	26.49919969
ENSMUSG00000059890	50.93653329	91.82147618	75.55816211	94.23854763	83.7947666
ENSMUSG00000059891	10.61177777	4.173703463	8.473812573	8.054576721	7.87814045
ENSMUSG00000059895	28.29807405	41.04141738	37.42600553	17.72006879	27.93158887
ENSMUSG00000059900	4.244711108	6.956172438	8.473812573	4.02728836	6.445751277
ENSMUSG00000059901	4.952162959	6.956172438	9.886114669	7.249119049	7.87814045
ENSMUSG00000059921	5.65961481	5.56493795	9.179963621	4.02728836	2.864778345
ENSMUSG00000059923	178.9853184	207.9895559	159.5901368	375.3432752	292.9235858
ENSMUSG00000059934	10.61177777	5.56493795	9.886114669	7.249119049	6.445751277
ENSMUSG00000059939	9.196874066	21.56413456	17.65377619	48.32746033	40.10689684
ENSMUSG00000059956	4.952162959	4.173703463	7.767661525	4.832746033	7.87814045
ENSMUSG00000059974	12.73413332	5.56493795	9.886114669	6.443661377	7.87814045
ENSMUSG00000059975	12.02668147	28.52030699	24.00913562	13.69278043	15.7562809
ENSMUSG00000059981	97.62835547	125.2111039	130.6379438	132.0950582	108.1453825
ENSMUSG00000059994	108.9475851	169.0349902	119.3395271	97.46037832	88.80812871
ENSMUSG00000059995	16.97884443	22.2597518	28.95219296	122.4295662	76.63282074
ENSMUSG00000059996	9.196874066	7.651789682	9.179963621	3.221830688	1.432389173
ENSMUSG00000060002	7.781970364	15.30357936	12.71071886	9.665492065	10.02672421
ENSMUSG00000060019	6.367066661	13.21672763	12.71071886	14.4982381	12.89150255
ENSMUSG00000060036	5.65961481	6.260555194	7.061510478	1.610915344	3.580972932

ENSMUSG00000060038	62.25576291	87.64777272	74.14586002	115.1804471	94.5376854
ENSMUSG00000060090	51.64398514	69.56172438	48.7244223	68.46390213	51.56601022
ENSMUSG00000060098	27.5906222	61.9099347	53.66747963	131.2896006	116.7397176
ENSMUSG00000060121	13.44158517	29.91154148	26.12758877	48.32746033	32.22875639
ENSMUSG00000060126	6.367066661	6.260555194	14.12302096	33.02376456	35.09353473
ENSMUSG00000060131	7.074518513	9.043024169	11.29841676	6.443661377	5.729556691
ENSMUSG00000060143	8.489422215	6.260555194	7.061510478	6.443661377	13.60769714
ENSMUSG00000060147	54.47379255	91.82147618	66.37819849	113.5695318	86.65954495
ENSMUSG00000060152	7.074518513	9.738641413	6.35535943	10.47094974	9.310529622
ENSMUSG00000060180	9.904325918	8.347406925	8.473812573	6.443661377	7.161945863
ENSMUSG00000060206	11.31922962	2.086851731	9.179963621	4.832746033	5.729556691
ENSMUSG00000060212	10.61177777	6.956172438	7.767661525	6.443661377	5.729556691
ENSMUSG00000060216	19.10119998	29.21592424	19.77222934	23.35827249	30.08017263
ENSMUSG00000060227	9.196874066	9.738641413	9.179963621	15.30369577	15.7562809
ENSMUSG00000060240	3.537259256	10.43425866	6.35535943	11.27640741	6.445751277
ENSMUSG00000060260	7.074518513	5.56493795	3.530755239	8.054576721	8.594335036
ENSMUSG00000060261	29.71297775	44.5195036	45.19366706	82.15668255	75.20043157
ENSMUSG00000060268	8.489422215	6.956172438	5.649208382	4.832746033	11.45911338
ENSMUSG00000060275	5.65961481	4.869320706	9.179963621	8.860034393	10.7429188
ENSMUSG00000060279	53.7663407	91.12585893	76.26431316	84.57305557	78.7814045
ENSMUSG00000060288	9.196874066	18.78166558	27.53989086	62.02024075	49.41742646
ENSMUSG00000060314	8.489422215	9.043024169	8.473812573	4.02728836	7.161945863
ENSMUSG00000060371	7.074518513	4.869320706	7.061510478	9.665492065	7.87814045
ENSMUSG00000060373	166.251185	184.3385696	138.4056054	341.514053	248.5195215
ENSMUSG00000060375	14.14903703	6.956172438	6.35535943	4.02728836	5.013362104
ENSMUSG00000060416	9.196874066	5.56493795	4.236906287	6.443661377	3.580972932
ENSMUSG00000060427	67.91537772	107.1250555	90.38733411	82.96214023	75.91662615
ENSMUSG00000060429	7.781970364	2.086851731	7.767661525	4.832746033	6.445751277
ENSMUSG00000060441	33.95768886	54.25814501	51.54902649	58.79841006	58.01176149
ENSMUSG00000060445	9.904325918	7.651789682	3.530755239	5.638203705	5.013362104
ENSMUSG00000060450	4.244711108	0.695617244	4.236906287	0.805457672	0.716194586
ENSMUSG00000060459	11.31922962	6.260555194	7.061510478	7.249119049	5.729556691
ENSMUSG00000060475	35.37259256	68.86610713	58.61053696	161.8969921	105.2806042
ENSMUSG00000060477	192.4269035	186.4254213	181.4808193	137.7332619	110.2939663
ENSMUSG00000060491	9.196874066	6.956172438	6.35535943	6.443661377	3.580972932
ENSMUSG00000060508	12.73413332	6.260555194	5.649208382	0.805457672	2.864778345
ENSMUSG00000060510	57.30359995	84.1696865	82.61967259	72.49119049	84.51096119
ENSMUSG00000060519	35.37259256	47.99758982	42.36906287	190.8934683	123.9016634
ENSMUSG00000060534	10.61177777	9.043024169	7.767661525	4.832746033	5.013362104
ENSMUSG00000060538	10.61177777	4.173703463	5.649208382	7.249119049	10.02672421
ENSMUSG00000060548	9.196874066	8.347406925	12.71071886	8.860034393	5.729556691
ENSMUSG00000060550	49.52162959	86.25653823	88.26888097	211.0299101	122.4692743
ENSMUSG00000060568	7.074518513	4.173703463	2.824604191	2.416373016	7.161945863

ENSMUSG00000060572	7.074518513	7.651789682	5.649208382	7.249119049	8.594335036
ENSMUSG00000060579	6.367066661	7.651789682	7.767661525	5.638203705	4.297167518
ENSMUSG00000060586	174.7406073	197.5552972	166.6516473	376.9541905	232.047046
ENSMUSG00000060600	27.5906222	34.78086219	32.4829482	35.44013757	25.06681052
ENSMUSG00000060601	34.66514071	29.21592424	43.78136496	50.74383334	42.97167518
ENSMUSG00000060613	7.781970364	3.478086219	7.767661525	7.249119049	5.013362104
ENSMUSG00000060636	45.27691848	78.60474855	64.25974535	225.5281482	169.738117
ENSMUSG00000060671	21.93100739	38.95456565	32.4829482	54.7711217	52.99839939
ENSMUSG00000060675	14.85648888	25.04222078	19.77222934	26.58010318	29.36397804
ENSMUSG00000060679	74.98989623	112.6899935	101.6857509	96.65492065	83.07857202
ENSMUSG00000060681	10.61177777	27.12907251	16.2414741	13.69278043	17.18867007
ENSMUSG00000060703	12.73413332	8.347406925	8.473812573	8.054576721	6.445751277
ENSMUSG00000060726	4.952162959	4.869320706	4.236906287	1.610915344	2.864778345
ENSMUSG00000060733	64.37811846	86.25653823	90.38733411	68.46390213	58.72795608
ENSMUSG00000060743	107.5326814	127.2979556	133.462548	157.0642461	127.4826364
ENSMUSG00000060771	9.196874066	11.1298759	12.71071886	7.249119049	8.594335036
ENSMUSG00000060791	29.71297775	37.56333116	40.95676077	34.6346799	40.10689684
ENSMUSG00000060843	4.952162959	4.869320706	9.886114669	4.832746033	8.594335036
ENSMUSG00000060862	22.63845924	25.73783802	31.0706461	52.35474869	28.64778345
ENSMUSG00000060863	10.61177777	5.56493795	4.943057334	3.221830688	5.729556691
ENSMUSG00000060890	4.244711108	2.782468975	4.236906287	2.416373016	2.864778345
ENSMUSG00000060904	66.50047402	77.9091313	62.1412922	83.7675979	68.75468029
ENSMUSG00000060924	7.074518513	7.651789682	7.061510478	0.805457672	6.445751277
ENSMUSG00000060938	38.20239997	45.91073809	34.60140134	212.6408254	144.6713064
ENSMUSG00000060950	29.71297775	35.47647943	40.25060972	150.6205847	101.6996313
ENSMUSG00000060961	5.65961481	7.651789682	9.179963621	8.860034393	3.580972932
ENSMUSG00000060962	4.952162959	4.869320706	8.473812573	3.221830688	9.310529622
ENSMUSG00000060985	8.489422215	6.956172438	4.236906287	4.02728836	6.445751277
ENSMUSG00000060988	7.074518513	9.043024169	9.179963621	2.416373016	5.729556691
ENSMUSG00000061032	74.98989623	96.69079689	86.15042783	183.6443492	145.387501
ENSMUSG00000061062	11.31922962	12.52111039	8.473812573	8.860034393	8.594335036
ENSMUSG00000061079	54.47379255	73.0398106	66.37819849	98.265836	85.22715578
ENSMUSG00000061080	5.65961481	4.869320706	5.649208382	4.832746033	5.013362104
ENSMUSG00000061082	4.952162959	2.782468975	2.824604191	3.221830688	2.148583759
ENSMUSG00000061086	100.4581629	130.0804246	122.1641313	190.0880106	136.0769714
ENSMUSG00000061099	13.44158517	4.869320706	7.767661525	9.665492065	11.45911338
ENSMUSG00000061130	39.61730367	43.12826911	50.13672439	53.16020636	50.13362104
ENSMUSG00000061132	181.8151258	167.6437558	185.7177256	294.797508	201.9668733
ENSMUSG00000061136	105.4103258	141.9059177	124.9887355	239.2209286	182.6296195
ENSMUSG00000061143	11.31922962	17.39043109	8.473812573	8.860034393	12.17530797
ENSMUSG00000061171	1.414903703	0	0	0	0
ENSMUSG00000061175	7.074518513	7.651789682	3.530755239	8.054576721	2.864778345
ENSMUSG00000061186	8.489422215	2.086851731	5.649208382	4.02728836	7.161945863



ENSMUSG00000061207	38.90985182	60.51870021	44.48751601	65.24207144	63.74131818
ENSMUSG00000061232	129.4636888	157.2094971	134.8748501	292.381135	217.7231542
ENSMUSG00000061244	72.16008883	115.4724625	98.15499564	132.0950582	111.0101609
ENSMUSG00000061259	9.904325918	8.347406925	5.649208382	4.02728836	6.445751277
ENSMUSG00000061288	25.46826665	24.34660353	22.59683353	26.58010318	25.06681052
ENSMUSG00000061292	9.196874066	1.391234488	12.00456781	4.832746033	1.432389173
ENSMUSG00000061298	12.02668147	10.43425866	4.236906287	4.02728836	3.580972932
ENSMUSG00000061306	78.52715549	78.60474855	90.38733411	85.37851324	63.0251236
ENSMUSG00000061315	140.0754665	130.7760418	161.7085899	268.2174048	227.7498785
ENSMUSG00000061322	7.781970364	6.260555194	11.29841676	11.27640741	13.60769714
ENSMUSG00000061353	3.537259256	7.651789682	5.649208382	3.221830688	2.148583759
ENSMUSG00000061356	8.489422215	16.69481385	9.886114669	12.08186508	5.729556691
ENSMUSG00000061374	23.34591109	27.12907251	30.36449505	62.82569842	47.98503729
ENSMUSG00000061388	7.781970364	9.738641413	7.061510478	2.416373016	3.580972932
ENSMUSG00000061393	4.244711108	7.651789682	2.824604191	7.249119049	11.45911338
ENSMUSG00000061411	8.489422215	10.43425866	9.886114669	9.665492065	6.445751277
ENSMUSG00000061436	16.97884443	12.52111039	24.71528667	67.65844446	60.87653984
ENSMUSG00000061451	7.074518513	6.956172438	8.473812573	4.02728836	4.297167518
ENSMUSG00000061455	34.66514071	69.56172438	54.37363068	27.38556085	42.25548059
ENSMUSG00000061458	38.20239997	65.38802092	52.96132858	134.5114312	103.848215
ENSMUSG00000061461	60.84085921	95.99517964	86.15042783	63.6311561	58.72795608
ENSMUSG00000061462	12.02668147	2.086851731	7.061510478	3.221830688	10.02672421
ENSMUSG00000061474	50.93653329	74.43104508	74.14586002	91.01671695	60.16034525
ENSMUSG00000061479	31.83533331	61.9099347	45.8998181	153.8424154	116.023523
ENSMUSG00000061518	29.0055259	44.5195036	41.66291182	88.60034393	86.65954495
ENSMUSG00000061533	38.20239997	31.99839321	40.95676077	28.19101852	30.79636721
ENSMUSG00000061535	11.31922962	6.956172438	8.473812573	8.054576721	2.864778345
ENSMUSG00000061536	14.85648888	21.56413456	21.89068248	8.054576721	20.769643
ENSMUSG00000061544	9.196874066	6.956172438	5.649208382	4.832746033	7.87814045
ENSMUSG00000061559	29.71297775	42.43265187	33.18909925	84.57305557	86.65954495
ENSMUSG00000061576	7.781970364	8.347406925	5.649208382	2.416373016	5.729556691
ENSMUSG00000061577	7.781970364	6.260555194	7.061510478	8.054576721	7.161945863
ENSMUSG00000061589	147.8574369	162.774435	164.5331941	271.4392355	209.8450138
ENSMUSG00000061601	11.31922962	4.869320706	7.767661525	2.416373016	4.297167518
ENSMUSG00000061607	36.78749627	58.43184848	48.7244223	57.18749472	55.14698315
ENSMUSG00000061613	112.4848444	168.339373	134.1686991	316.5448651	236.3442135
ENSMUSG00000061689	5.65961481	4.869320706	8.473812573	8.860034393	7.87814045
ENSMUSG00000061701	8.489422215	5.56493795	7.061510478	3.221830688	8.594335036
ENSMUSG00000061702	13.44158517	14.60796212	15.53532305	11.27640741	11.45911338
ENSMUSG00000061718	9.196874066	7.651789682	6.35535943	7.249119049	5.013362104
ENSMUSG00000061723	9.196874066	6.956172438	14.829172	4.832746033	10.02672421
ENSMUSG00000061742	6.367066661	4.173703463	2.824604191	3.221830688	3.580972932
ENSMUSG00000061751	7.781970364	5.56493795	9.179963621	2.416373016	5.013362104

ENSMUSG00000061758	16.27139258	23.65098629	21.18453143	15.30369577	15.7562809
ENSMUSG00000061759	40.32475552	66.08363816	57.19823487	101.4876667	90.24051788
ENSMUSG00000061762	6.367066661	6.956172438	8.473812573	4.832746033	5.729556691
ENSMUSG00000061778	5.65961481	15.99919661	19.77222934	31.41284921	35.80972932
ENSMUSG00000061787	54.47379255	86.25653823	64.96589639	269.0228625	179.0486466
ENSMUSG00000061815	8.489422215	6.260555194	7.061510478	4.832746033	4.297167518
ENSMUSG00000061816	9.196874066	7.651789682	7.061510478	3.221830688	7.87814045
ENSMUSG00000061825	7.781970364	5.56493795	6.35535943	9.665492065	2.148583759
ENSMUSG00000061859	7.781970364	13.91234488	9.179963621	6.443661377	14.32389173
ENSMUSG00000061877	8.489422215	6.956172438	5.649208382	9.665492065	9.310529622
ENSMUSG00000061878	8.489422215	4.869320706	6.35535943	3.221830688	9.310529622
ENSMUSG00000061882	13.44158517	31.30277597	21.18453143	17.72006879	20.05344842
ENSMUSG00000061887	20.51610369	29.21592424	30.36449505	42.68925662	36.5259239
ENSMUSG00000061894	26.88317035	41.04141738	33.18909925	28.19101852	32.22875639
ENSMUSG00000061898	16.97884443	20.17290007	26.12758877	20.94189947	24.35061594
ENSMUSG00000061904	61.54831106	93.21271067	67.08434954	220.6954022	176.9000628
ENSMUSG00000061911	9.196874066	10.43425866	5.649208382	2.416373016	4.297167518
ENSMUSG00000061947	7.781970364	6.260555194	7.767661525	10.47094974	7.161945863
ENSMUSG00000061950	36.78749627	43.12826911	45.8998181	74.9075635	80.92998826
ENSMUSG00000061959	7.074518513	4.869320706	10.59226572	8.054576721	3.580972932
ENSMUSG00000061969	4.952162959	5.56493795	9.179963621	1.610915344	6.445751277
ENSMUSG00000061981	8.489422215	15.30357936	10.59226572	12.08186508	13.60769714
ENSMUSG00000062006	21.93100739	52.86691053	48.7244223	202.1698757	162.5761711
ENSMUSG00000062007	38.20239997	65.38802092	43.07521391	84.57305557	73.76804239
ENSMUSG00000062012	7.074518513	7.651789682	7.767661525	4.02728836	3.580972932
ENSMUSG00000062014	123.0966221	172.5130765	136.9933033	171.5624842	143.9551119
ENSMUSG00000062017	6.367066661	6.260555194	9.179963621	4.832746033	9.310529622
ENSMUSG00000062031	9.904325918	11.1298759	8.473812573	8.054576721	5.729556691
ENSMUSG00000062040	14.14903703	31.99839321	20.47838039	29.80193387	29.36397804
ENSMUSG00000062044	4.952162959	5.56493795	7.767661525	8.054576721	10.02672421
ENSMUSG00000062046	3.537259256	6.260555194	10.59226572	6.443661377	5.013362104
ENSMUSG00000062070	33.95768886	41.04141738	28.95219296	114.3749894	91.67290705
ENSMUSG00000062075	22.63845924	18.78166558	28.24604191	35.44013757	42.97167518
ENSMUSG00000062077	9.904325918	2.782468975	12.71071886	2.416373016	6.445751277
ENSMUSG00000062078	6.367066661	9.738641413	19.77222934	40.2728836	35.80972932
ENSMUSG00000062082	12.02668147	4.869320706	9.179963621	9.665492065	11.45911338
ENSMUSG00000062098	9.904325918	7.651789682	12.71071886	5.638203705	4.297167518
ENSMUSG00000062101	12.73413332	7.651789682	4.236906287	12.88732275	8.594335036
ENSMUSG00000062110	26.1757185	51.47567604	33.89525029	35.44013757	32.22875639
ENSMUSG00000062115	80.64951104	103.6469693	76.26431316	128.0677699	111.7263555
ENSMUSG00000062116	19.80865184	27.82468975	31.0706461	36.24559524	42.97167518
ENSMUSG00000062127	9.196874066	5.56493795	12.00456781	5.638203705	6.445751277
ENSMUSG00000062151	7.074518513	4.869320706	7.061510478	4.832746033	9.310529622

ENSMUSG00000062154	14.85648888	6.956172438	4.236906287	6.443661377	7.161945863
ENSMUSG00000062168	4.952162959	4.869320706	2.118453143	1.610915344	4.297167518
ENSMUSG00000062169	45.98437033	77.9091313	61.43514116	82.15668255	67.32229112
ENSMUSG00000062170	6.367066661	8.347406925	6.35535943	4.02728836	4.297167518
ENSMUSG00000062175	19.80865184	29.21592424	28.95219296	37.05105292	32.22875639
ENSMUSG00000062181	8.489422215	8.347406925	3.530755239	5.638203705	8.594335036
ENSMUSG00000062184	6.367066661	1.391234488	3.530755239	0	0.716194586
ENSMUSG00000062190	36.08004441	36.86771392	34.60140134	38.66196826	32.94495097
ENSMUSG00000062200	0	0.695617244	0	0	0
ENSMUSG00000062202	45.98437033	83.47406925	63.5535943	43.49471429	52.99839939
ENSMUSG00000062203	9.904325918	11.82549314	10.59226572	31.41284921	17.90486466
ENSMUSG00000062209	1.414903703	0.695617244	6.35535943	0	0.716194586
ENSMUSG00000062210	64.37811846	84.1696865	72.73355792	117.5968201	93.82149081
ENSMUSG00000062224	11.31922962	7.651789682	7.061510478	4.02728836	5.729556691
ENSMUSG00000062232	12.73413332	19.47728283	19.06607829	12.08186508	10.7429188
ENSMUSG00000062234	116.7295555	171.121842	147.585569	161.0915344	147.5360848
ENSMUSG00000062257	9.904325918	6.260555194	4.943057334	4.02728836	3.580972932
ENSMUSG00000062270	62.25576291	132.1672763	86.85657888	221.5008598	169.0219224
ENSMUSG00000062282	12.02668147	11.82549314	5.649208382	4.02728836	9.310529622
ENSMUSG00000062300	5.65961481	8.347406925	8.473812573	4.02728836	3.580972932
ENSMUSG00000062327	6.367066661	6.260555194	6.35535943	4.832746033	4.297167518
ENSMUSG00000062345	10.61177777	6.260555194	9.179963621	3.221830688	2.864778345
ENSMUSG00000062352	40.32475552	74.43104508	67.08434954	107.1258704	81.64618284
ENSMUSG00000062372	5.65961481	4.869320706	5.649208382	7.249119049	7.87814045
ENSMUSG00000062382	2.829807405	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000062393	2.829807405	1.391234488	2.824604191	3.221830688	5.013362104
ENSMUSG00000062410	11.31922962	6.260555194	14.12302096	7.249119049	10.7429188
ENSMUSG00000062421	16.27139258	27.12907251	19.77222934	28.9964762	29.36397804
ENSMUSG00000062444	12.02668147	9.043024169	8.473812573	4.02728836	6.445751277
ENSMUSG00000062456	10.61177777	7.651789682	9.179963621	9.665492065	5.013362104
ENSMUSG00000062478	12.73413332	5.56493795	10.59226572	7.249119049	7.87814045
ENSMUSG00000062480	9.196874066	14.60796212	9.179963621	16.10915344	7.87814045
ENSMUSG00000062510	36.78749627	34.08524495	28.24604191	86.18397091	75.91662615
ENSMUSG00000062519	27.5906222	31.30277597	24.00913562	47.52200265	55.14698315
ENSMUSG00000062542	7.781970364	1.391234488	5.649208382	5.638203705	5.729556691
ENSMUSG00000062551	4.244711108	7.651789682	7.061510478	4.02728836	8.594335036
ENSMUSG00000062561	9.904325918	11.1298759	7.061510478	3.221830688	4.297167518
ENSMUSG00000062563	11.31922962	2.086851731	4.943057334	4.02728836	7.161945863
ENSMUSG00000062564	4.244711108	4.173703463	4.236906287	4.832746033	5.013362104
ENSMUSG00000062585	118.1444592	163.4700523	186.4238766	209.4189947	154.6980307
ENSMUSG00000062588	55.88869625	80.69160028	69.90895373	66.85298678	47.98503729
ENSMUSG00000062590	9.196874066	15.30357936	14.829172	6.443661377	18.62105924
ENSMUSG00000062593	0	0	0	0	0

ENSMUSG00000062604	46.69182218	58.43184848	50.84287544	52.35474869	45.12025894
ENSMUSG00000062609	6.367066661	6.956172438	3.530755239	4.832746033	5.013362104
ENSMUSG00000062638	18.39374813	15.30357936	16.2414741	20.1364418	17.90486466
ENSMUSG00000062646	68.62282957	108.51629	96.0365425	86.98942859	98.83485292
ENSMUSG00000062647	9.904325918	9.043024169	9.886114669	24.96918783	16.47247549
ENSMUSG00000062683	0	0	2.118453143	0	0.716194586
ENSMUSG00000062691	5.65961481	13.91234488	9.179963621	14.4982381	12.17530797
ENSMUSG00000062729	16.27139258	20.17290007	11.29841676	16.10915344	20.769643
ENSMUSG00000062732	9.196874066	6.260555194	5.649208382	4.832746033	5.729556691
ENSMUSG00000062737	7.781970364	9.043024169	5.649208382	8.860034393	6.445751277
ENSMUSG00000062753	24.76081479	30.60715873	32.4829482	38.66196826	40.82309142
ENSMUSG00000062760	9.196874066	4.869320706	4.943057334	5.638203705	2.864778345
ENSMUSG00000062762	30.4204296	56.34499675	46.60596915	53.96566403	50.84981563
ENSMUSG00000062778	12.73413332	8.347406925	10.59226572	5.638203705	4.297167518
ENSMUSG00000062785	11.31922962	22.95536904	18.35992724	16.91461111	17.18867007
ENSMUSG00000062797	60.84085921	89.0390072	75.55816211	83.7675979	88.09193412
ENSMUSG00000062814	4.244711108	3.478086219	2.824604191	2.416373016	4.297167518
ENSMUSG00000062825	1.414903703	5.56493795	4.236906287	16.91461111	10.02672421
ENSMUSG00000062859	9.904325918	5.56493795	4.236906287	4.02728836	6.445751277
ENSMUSG00000062866	7.074518513	8.347406925	12.71071886	7.249119049	10.7429188
ENSMUSG00000062906	38.90985182	47.30197258	48.7244223	30.60739154	40.10689684
ENSMUSG00000062908	21.22355554	29.91154148	33.18909925	41.88379895	33.66114556
ENSMUSG00000062931	43.15456293	66.08363816	49.43057334	59.60386773	58.01176149
ENSMUSG00000062939	7.074518513	5.56493795	4.236906287	4.832746033	7.87814045
ENSMUSG00000062949	2.829807405	2.782468975	4.943057334	0.805457672	2.148583759
ENSMUSG00000062960	4.952162959	4.173703463	11.29841676	4.832746033	10.02672421
ENSMUSG00000062963	34.66514071	42.43265187	40.25060972	42.68925662	40.10689684
ENSMUSG00000062980	8.489422215	4.869320706	4.943057334	7.249119049	5.729556691
ENSMUSG00000062995	9.904325918	6.956172438	7.061510478	7.249119049	7.161945863
ENSMUSG00000063015	87.01657771	123.1242521	91.09348516	134.5114312	120.3206905
ENSMUSG00000063063	7.074518513	7.651789682	6.35535943	4.832746033	5.013362104
ENSMUSG00000063065	10.61177777	14.60796212	19.06607829	19.33098413	22.20203218
ENSMUSG00000063077	12.02668147	28.52030699	13.41686991	18.52552646	19.33725383
ENSMUSG00000063108	31.12788146	44.5195036	36.01370344	89.4058016	80.92998826
ENSMUSG00000063142	7.781970364	4.173703463	5.649208382	7.249119049	5.729556691
ENSMUSG00000063145	9.196874066	11.82549314	6.35535943	8.860034393	5.013362104
ENSMUSG00000063146	9.904325918	18.78166558	21.89068248	12.08186508	17.90486466
ENSMUSG00000063160	5.65961481	6.956172438	9.179963621	5.638203705	6.445751277
ENSMUSG00000063163	14.14903703	5.56493795	4.236906287	7.249119049	5.729556691
ENSMUSG00000063172	17.68629628	32.69401046	33.89525029	33.02376456	30.08017263
ENSMUSG00000063179	12.02668147	20.17290007	16.2414741	20.1364418	15.04008631
ENSMUSG00000063229	5.65961481	4.173703463	4.236906287	7.249119049	7.161945863
ENSMUSG00000063232	4.244711108	9.043024169	10.59226572	3.221830688	7.161945863

ENSMUSG00000063239	5.65961481	3.478086219	3.530755239	6.443661377	5.729556691
ENSMUSG00000063245	33.25023701	52.86691053	52.96132858	54.7711217	50.84981563
ENSMUSG00000063252	13.44158517	4.869320706	4.236906287	7.249119049	7.87814045
ENSMUSG00000063253	12.73413332	4.173703463	10.59226572	4.832746033	8.594335036
ENSMUSG00000063254	21.93100739	41.04141738	28.95219296	45.10562964	58.72795608
ENSMUSG00000063268	29.71297775	33.3896277	36.01370344	58.79841006	45.83645353
ENSMUSG00000063273	79.94205919	125.2111039	97.44884459	282.7156429	228.466073
ENSMUSG00000063275	12.02668147	6.956172438	7.061510478	8.054576721	7.161945863
ENSMUSG00000063305	9.904325918	4.869320706	8.473812573	3.221830688	5.729556691
ENSMUSG00000063316	50.22908144	63.30116918	53.66747963	263.3846588	168.3057278
ENSMUSG00000063320	19.80865184	36.86771392	28.24604191	53.16020636	45.12025894
ENSMUSG00000063328	12.73413332	10.43425866	9.179963621	11.27640741	8.594335036
ENSMUSG00000063334	62.96321476	98.77764862	90.38733411	154.647873	125.3340526
ENSMUSG00000063358	120.9742666	146.0796212	154.6470795	181.2279762	149.6846685
ENSMUSG00000063362	21.93100739	49.38882431	31.0706461	54.7711217	58.01176149
ENSMUSG00000063364	53.7663407	58.43184848	64.96589639	50.74383334	54.43078856
ENSMUSG00000063406	41.03220737	70.25734162	57.90438592	150.6205847	117.4559122
ENSMUSG00000063409	9.904325918	6.260555194	3.530755239	3.221830688	5.013362104
ENSMUSG00000063415	7.781970364	7.651789682	7.767661525	6.443661377	4.297167518
ENSMUSG00000063445	23.34591109	36.17209668	24.71528667	35.44013757	30.08017263
ENSMUSG00000063450	6.367066661	10.43425866	7.767661525	3.221830688	9.310529622
ENSMUSG00000063455	6.367066661	9.738641413	7.061510478	6.443661377	7.161945863
ENSMUSG00000063457	31.83533331	41.73703463	40.25060972	175.5897725	137.5093606
ENSMUSG00000063458	7.074518513	4.869320706	7.061510478	2.416373016	5.729556691
ENSMUSG00000063506	7.074518513	4.869320706	7.767661525	5.638203705	5.729556691
ENSMUSG00000063511	129.4636888	153.7314109	137.6994543	323.7939842	242.0737702
ENSMUSG00000063524	59.42595551	79.30036579	53.66747963	157.0642461	128.9150255
ENSMUSG00000063564	5.65961481	11.1298759	10.59226572	4.02728836	7.87814045
ENSMUSG00000063568	6.367066661	5.56493795	7.767661525	6.443661377	7.161945863
ENSMUSG00000063576	50.93653329	81.38721752	75.55816211	100.682209	100.2672421
ENSMUSG00000063600	12.02668147	2.782468975	9.179963621	3.221830688	7.161945863
ENSMUSG00000063623	19.10119998	28.52030699	21.18453143	13.69278043	13.60769714
ENSMUSG00000063646	6.367066661	6.956172438	12.00456781	4.832746033	5.729556691
ENSMUSG00000063651	8.489422215	3.478086219	7.767661525	5.638203705	12.89150255
ENSMUSG00000063652	2.122355554	9.738641413	5.649208382	5.638203705	7.87814045
ENSMUSG00000063659	100.4581629	123.8198694	94.6242404	251.3027937	212.7097921
ENSMUSG00000063663	15.56394073	26.43345526	21.89068248	45.10562964	33.66114556
ENSMUSG00000063681	12.73413332	4.869320706	7.767661525	8.054576721	5.013362104
ENSMUSG00000063683	14.85648888	6.956172438	7.061510478	8.054576721	6.445751277
ENSMUSG00000063696	8.489422215	11.82549314	12.00456781	15.30369577	9.310529622
ENSMUSG00000063704	5.65961481	4.869320706	7.061510478	3.221830688	7.161945863
ENSMUSG00000063728	6.367066661	6.260555194	4.943057334	1.610915344	2.148583759
ENSMUSG00000063730	14.85648888	4.173703463	4.236906287	7.249119049	7.161945863

ENSMUSG00000063757	16.27139258	20.86851731	16.94762515	12.88732275	15.04008631
ENSMUSG00000063765	7.074518513	9.043024169	6.35535943	9.665492065	10.7429188
ENSMUSG00000063785	21.22355554	32.69401046	21.89068248	57.99295239	38.67450766
ENSMUSG00000063808	35.37259256	72.34419335	40.95676077	39.46742593	49.41742646
ENSMUSG00000063851	5.65961481	6.956172438	8.473812573	8.860034393	4.297167518
ENSMUSG00000063870	2.122355554	2.782468975	0.706151048	0.805457672	2.148583759
ENSMUSG00000063873	7.781970364	3.478086219	2.824604191	3.221830688	5.729556691
ENSMUSG00000063881	7.074518513	6.956172438	7.767661525	5.638203705	5.013362104
ENSMUSG00000063882	109.6550369	125.2111039	116.5149229	194.115299	159.7113928
ENSMUSG00000063889	16.27139258	34.08524495	20.47838039	31.41284921	33.66114556
ENSMUSG00000063894	17.68629628	26.43345526	17.65377619	22.55281482	28.64778345
ENSMUSG00000063919	7.074518513	4.869320706	4.943057334	3.221830688	4.297167518
ENSMUSG00000063931	21.93100739	37.56333116	38.13215658	18.52552646	30.79636721
ENSMUSG00000063952	33.25023701	51.47567604	36.01370344	40.2728836	42.25548059
ENSMUSG00000063972	9.196874066	11.1298759	8.473812573	12.08186508	15.7562809
ENSMUSG00000063975	12.02668147	6.956172438	9.886114669	2.416373016	10.02672421
ENSMUSG00000064010	8.489422215	6.956172438	4.943057334	8.860034393	4.297167518
ENSMUSG00000064030	144.3201777	171.8174592	157.4716837	205.3917064	166.8733386
ENSMUSG00000064036	4.952162959	4.869320706	10.59226572	4.02728836	8.594335036
ENSMUSG00000064037	18.39374813	25.04222078	24.00913562	52.35474869	43.68786977
ENSMUSG00000064057	5.65961481	8.347406925	9.886114669	7.249119049	7.87814045
ENSMUSG00000064061	59.42595551	83.47406925	64.96589639	165.9242805	117.4559122
ENSMUSG00000064065	16.97884443	14.60796212	12.00456781	9.665492065	7.161945863
ENSMUSG00000064068	0	1.391234488	0.706151048	0	0
ENSMUSG00000064080	11.31922962	4.173703463	6.35535943	8.054576721	10.02672421
ENSMUSG00000064090	26.88317035	43.82388636	30.36449505	36.24559524	47.98503729
ENSMUSG00000064105	8.489422215	13.21672763	14.12302096	8.054576721	14.32389173
ENSMUSG00000064115	10.61177777	6.260555194	5.649208382	4.832746033	8.594335036
ENSMUSG00000064120	16.97884443	49.38882431	38.83830763	24.16373016	22.91822676
ENSMUSG00000064125	7.074518513	10.43425866	6.35535943	6.443661377	5.729556691
ENSMUSG00000064127	48.81417774	50.7800588	40.25060972	63.6311561	53.71459398
ENSMUSG00000064138	67.20792587	116.1680797	93.91808935	63.6311561	55.14698315
ENSMUSG00000064141	17.68629628	23.65098629	24.71528667	18.52552646	26.49919969
ENSMUSG00000064145	87.72402956	127.9935729	120.7518292	93.43308996	93.10529622
ENSMUSG00000064179	7.074518513	5.56493795	7.767661525	4.832746033	4.297167518
ENSMUSG00000064202	15.56394073	20.86851731	20.47838039	10.47094974	17.90486466
ENSMUSG00000064215	15.56394073	22.2597518	17.65377619	28.9964762	25.06681052
ENSMUSG00000064224	14.14903703	14.60796212	15.53532305	20.1364418	9.310529622
ENSMUSG00000064246	3.537259256	3.478086219	4.943057334	4.832746033	7.161945863
ENSMUSG00000064247	10.61177777	4.173703463	6.35535943	7.249119049	7.87814045
ENSMUSG00000064264	12.73413332	10.43425866	16.2414741	23.35827249	27.93158887
ENSMUSG00000064267	81.3569629	84.86530374	81.20737049	55.57657937	35.80972932
ENSMUSG00000064280	27.5906222	21.56413456	28.95219296	35.44013757	25.78300511

ENSMUSG00000064284	9.904325918	14.60796212	16.2414741	14.4982381	16.47247549
ENSMUSG00000064289	90.55383696	130.0804246	101.6857509	165.1188228	119.6044959
ENSMUSG00000064293	5.65961481	6.956172438	6.35535943	5.638203705	8.594335036
ENSMUSG00000064294	9.904325918	3.478086219	5.649208382	6.443661377	5.729556691
ENSMUSG00000064299	10.61177777	6.956172438	7.767661525	6.443661377	5.013362104
ENSMUSG00000064302	70.74518513	93.21271067	91.79963621	153.8424154	128.198831
ENSMUSG00000064307	75.69734809	103.6469693	100.9795998	120.0131931	94.5376854
ENSMUSG00000064308	11.31922962	4.173703463	9.886114669	4.02728836	5.729556691
ENSMUSG00000064310	6.367066661	6.956172438	9.886114669	8.860034393	7.87814045
ENSMUSG00000064317	4.244711108	4.173703463	7.061510478	7.249119049	7.161945863
ENSMUSG00000064326	25.46826665	39.6501829	34.60140134	44.30017197	55.86317773
ENSMUSG00000064329	9.904325918	4.869320706	7.061510478	5.638203705	6.445751277
ENSMUSG00000064373	7.781970364	6.260555194	7.061510478	4.832746033	9.310529622
ENSMUSG00000065952	10.61177777	3.478086219	7.767661525	7.249119049	10.02672421
ENSMUSG00000065954	48.10672589	77.21351406	53.66747963	106.3204127	96.68626916
ENSMUSG00000065979	14.85648888	20.86851731	24.00913562	26.58010318	20.05344842
ENSMUSG00000065987	14.14903703	8.347406925	7.061510478	7.249119049	4.297167518
ENSMUSG00000065990	21.22355554	29.91154148	40.95676077	95.84946298	76.63282074
ENSMUSG00000065999	25.46826665	22.95536904	23.30298458	12.88732275	17.18867007
ENSMUSG00000066000	32.54278516	38.95456565	26.83373982	23.35827249	29.36397804
ENSMUSG00000066007	26.1757185	27.82468975	24.71528667	21.74735715	17.18867007
ENSMUSG00000066026	6.367066661	9.043024169	7.767661525	27.38556085	37.24211849
ENSMUSG00000066031	8.489422215	6.956172438	7.767661525	6.443661377	8.594335036
ENSMUSG00000066036	0	0.695617244	0	0	0
ENSMUSG00000066037	122.3891703	128.6891901	115.8087718	188.4770953	148.2522794
ENSMUSG00000066043	42.44711108	58.43184848	62.1412922	39.46742593	37.95831308
ENSMUSG00000066058	4.244711108	6.956172438	7.767661525	7.249119049	9.310529622
ENSMUSG00000066072	5.65961481	6.260555194	5.649208382	4.02728836	5.729556691
ENSMUSG00000066113	4.952162959	8.347406925	4.236906287	4.832746033	4.297167518
ENSMUSG00000066129	8.489422215	4.173703463	9.179963621	2.416373016	7.87814045
ENSMUSG00000066137	4.244711108	5.56493795	9.179963621	6.443661377	3.580972932
ENSMUSG00000066149	62.25576291	92.51709342	73.43970897	185.2552646	176.1838682
ENSMUSG00000066150	101.1656147	126.6023384	126.4010376	211.8353678	172.6028953
ENSMUSG00000066151	92.67619252	139.1234488	118.633376	190.0880106	168.3057278
ENSMUSG00000066152	2.829807405	4.869320706	3.530755239	4.832746033	6.445751277
ENSMUSG00000066154	4.952162959	9.043024169	5.649208382	7.249119049	8.594335036
ENSMUSG00000066178	7.781970364	6.956172438	5.649208382	8.054576721	8.594335036
ENSMUSG00000066191	7.074518513	9.738641413	3.530755239	3.221830688	7.161945863
ENSMUSG00000066196	4.952162959	4.869320706	5.649208382	5.638203705	2.864778345
ENSMUSG00000066224	6.367066661	10.43425866	5.649208382	6.443661377	4.297167518
ENSMUSG00000066258	65.08557032	91.82147618	69.90895373	69.2693598	63.74131818
ENSMUSG00000066306	43.15456293	62.60555194	60.72899011	100.682209	87.37573953
ENSMUSG00000066363	9.196874066	19.47728283	16.94762515	41.07834128	25.06681052

ENSMUSG00000066366	7.781970364	8.347406925	4.943057334	9.665492065	2.864778345
ENSMUSG00000066392	12.73413332	5.56493795	3.530755239	3.221830688	12.89150255
ENSMUSG00000066406	43.15456293	81.38721752	78.3827663	60.40932541	44.40406435
ENSMUSG00000066407	11.31922962	11.1298759	13.41686991	12.88732275	15.7562809
ENSMUSG00000066441	23.34591109	30.60715873	36.01370344	51.54929101	45.83645353
ENSMUSG00000066442	25.46826665	51.47567604	48.01827125	95.04400531	93.10529622
ENSMUSG00000066456	10.61177777	11.1298759	18.35992724	40.2728836	34.37734014
ENSMUSG00000066463	8.489422215	7.651789682	10.59226572	5.638203705	9.310529622
ENSMUSG00000066551	26.1757185	40.34580014	31.0706461	147.398754	118.1721067
ENSMUSG00000066568	70.03773327	98.08203137	91.79963621	220.6954022	187.6429816
ENSMUSG00000066571	37.49494812	83.47406925	67.79050059	41.88379895	49.41742646
ENSMUSG00000066584	4.952162959	6.260555194	7.767661525	5.638203705	7.161945863
ENSMUSG00000066613	71.45263698	97.38641413	93.91808935	107.9313281	83.7947666
ENSMUSG00000066621	24.05336294	38.95456565	35.30755239	11.27640741	26.49919969
ENSMUSG00000066629	10.61177777	6.260555194	9.179963621	11.27640741	5.729556691
ENSMUSG00000066632	9.196874066	6.260555194	10.59226572	8.054576721	7.161945863
ENSMUSG00000066640	38.90985182	50.08444155	57.19823487	47.52200265	44.40406435
ENSMUSG00000066643	10.61177777	8.347406925	6.35535943	6.443661377	7.87814045
ENSMUSG00000066677	12.02668147	20.17290007	26.83373982	10.47094974	7.87814045
ENSMUSG00000066682	8.489422215	2.782468975	4.236906287	8.860034393	7.161945863
ENSMUSG00000066684	13.44158517	7.651789682	3.530755239	12.88732275	6.445751277
ENSMUSG00000066724	16.27139258	11.82549314	8.473812573	5.638203705	7.161945863
ENSMUSG00000066760	5.65961481	8.347406925	7.767661525	6.443661377	7.161945863
ENSMUSG00000066772	9.904325918	6.260555194	9.179963621	7.249119049	7.161945863
ENSMUSG00000066800	1.414903703	4.869320706	3.530755239	1.610915344	1.432389173
ENSMUSG00000066839	31.83533331	66.7792554	53.66747963	30.60739154	50.84981563
ENSMUSG00000066861	7.781970364	8.347406925	5.649208382	10.47094974	9.310529622
ENSMUSG00000066877	10.61177777	5.56493795	10.59226572	9.665492065	7.87814045
ENSMUSG00000066878	12.73413332	11.82549314	12.00456781	20.94189947	15.7562809
ENSMUSG00000066880	0	0	0.706151048	0	0
ENSMUSG00000066892	154.9319554	181.5561006	175.1254598	183.6443492	157.562809
ENSMUSG00000066894	9.196874066	5.56493795	8.473812573	4.832746033	5.729556691
ENSMUSG00000066900	51.64398514	83.47406925	70.61510478	85.37851324	66.60609653
ENSMUSG00000066936	7.074518513	4.869320706	9.179963621	7.249119049	5.013362104
ENSMUSG00000066944	10.61177777	5.56493795	7.061510478	6.443661377	5.013362104
ENSMUSG00000066975	10.61177777	7.651789682	5.649208382	8.860034393	7.87814045
ENSMUSG00000067001	7.074518513	5.56493795	7.061510478	4.832746033	8.594335036
ENSMUSG00000067006	7.781970364	8.347406925	6.35535943	4.02728836	9.310529622
ENSMUSG00000067038	74.98989623	102.2557348	100.2734488	87.79488626	90.95671247
ENSMUSG00000067081	7.781970364	4.173703463	9.179963621	5.638203705	6.445751277
ENSMUSG00000067148	70.74518513	79.99598303	76.26431316	149.815127	117.4559122
ENSMUSG00000067201	9.196874066	4.869320706	4.943057334	3.221830688	4.297167518
ENSMUSG00000067220	8.489422215	6.956172438	6.35535943	4.02728836	5.729556691



ENSMUSG00000067235	16.97884443	19.47728283	16.2414741	34.6346799	32.94495097
ENSMUSG00000067242	10.61177777	5.56493795	5.649208382	8.860034393	5.729556691
ENSMUSG00000067274	48.81417774	61.9099347	74.14586002	280.2992699	199.8182896
ENSMUSG00000067288	60.13340736	85.56092098	71.32125582	273.8556085	182.6296195
ENSMUSG00000067299	9.904325918	8.347406925	7.061510478	3.221830688	9.310529622
ENSMUSG00000067356	7.781970364	5.56493795	9.886114669	8.054576721	7.87814045
ENSMUSG00000067360	7.074518513	4.173703463	5.649208382	4.02728836	5.729556691
ENSMUSG00000067365	24.05336294	43.12826911	48.7244223	61.21478308	48.70123187
ENSMUSG00000067369	33.25023701	53.56252777	49.43057334	30.60739154	39.39070225
ENSMUSG00000067377	4.244711108	1.391234488	0.706151048	1.610915344	0
ENSMUSG00000067399	12.73413332	6.260555194	7.767661525	2.416373016	9.310529622
ENSMUSG00000067424	9.196874066	9.043024169	10.59226572	6.443661377	8.594335036
ENSMUSG00000067561	2.122355554	0	1.412302096	0	0
ENSMUSG00000067562	0.707451851	1.391234488	1.412302096	1.610915344	0.716194586
ENSMUSG00000067567	25.46826665	31.30277597	30.36449505	12.88732275	17.18867007
ENSMUSG00000067577	5.65961481	9.043024169	7.061510478	8.054576721	5.729556691
ENSMUSG00000067591	7.074518513	7.651789682	6.35535943	4.832746033	7.161945863
ENSMUSG00000067599	6.367066661	5.56493795	10.59226572	2.416373016	5.729556691
ENSMUSG00000067608	5.65961481	10.43425866	14.12302096	20.94189947	21.48583759
ENSMUSG00000067616	9.904325918	3.478086219	6.35535943	4.832746033	5.013362104
ENSMUSG00000067642	7.074518513	6.956172438	3.530755239	6.443661377	5.729556691
ENSMUSG00000067653	8.489422215	9.738641413	7.767661525	10.47094974	9.310529622
ENSMUSG00000067656	11.31922962	6.260555194	6.35535943	7.249119049	2.864778345
ENSMUSG00000067714	8.489422215	8.347406925	10.59226572	10.47094974	15.7562809
ENSMUSG00000067719	5.65961481	15.99919661	14.829172	13.69278043	8.594335036
ENSMUSG00000067764	0	0	0	0	0
ENSMUSG00000067768	6.367066661	9.043024169	9.179963621	13.69278043	9.310529622
ENSMUSG00000067786	50.22908144	81.38721752	74.14586002	43.49471429	47.98503729
ENSMUSG00000067787	7.781970364	5.56493795	5.649208382	4.832746033	9.310529622
ENSMUSG00000067795	11.31922962	9.738641413	8.473812573	12.08186508	4.297167518
ENSMUSG00000067825	16.27139258	18.08604834	11.29841676	10.47094974	13.60769714
ENSMUSG00000067847	30.4204296	47.30197258	40.25060972	60.40932541	56.57937232
ENSMUSG00000067848	12.73413332	6.956172438	7.061510478	5.638203705	5.729556691
ENSMUSG00000067851	72.16008883	124.5154866	96.0365425	169.9515688	157.562809
ENSMUSG00000067860	2.829807405	2.782468975	3.530755239	1.610915344	6.445751277
ENSMUSG00000067873	7.074518513	8.347406925	8.473812573	22.55281482	21.48583759
ENSMUSG00000067878	2.122355554	2.782468975	3.530755239	7.249119049	1.432389173
ENSMUSG00000067882	10.61177777	10.43425866	7.767661525	14.4982381	10.02672421
ENSMUSG00000067973	12.73413332	9.738641413	11.29841676	5.638203705	4.297167518
ENSMUSG00000067998	11.31922962	8.347406925	8.473812573	6.443661377	7.161945863
ENSMUSG00000068009	11.31922962	4.869320706	7.767661525	7.249119049	4.297167518
ENSMUSG00000068036	5.65961481	7.651789682	4.236906287	3.221830688	3.580972932
ENSMUSG00000068037	9.904325918	4.173703463	6.35535943	2.416373016	5.013362104

ENSMUSG00000068039	54.47379255	88.34338996	60.72899011	222.3063175	161.1437819
ENSMUSG00000068040	51.64398514	83.47406925	76.97046421	88.60034393	80.92998826
ENSMUSG00000068082	4.952162959	6.260555194	7.061510478	8.860034393	4.297167518
ENSMUSG00000068101	14.85648888	11.1298759	12.71071886	26.58010318	29.36397804
ENSMUSG00000068105	121.6817184	135.6453625	136.2871522	304.4630001	224.1689055
ENSMUSG00000068115	0	0.695617244	0	0	1.432389173
ENSMUSG00000068122	4.952162959	1.391234488	2.824604191	0	2.148583759
ENSMUSG00000068130	25.46826665	27.12907251	29.65834401	28.19101852	31.5125618
ENSMUSG00000068134	71.45263698	111.9943762	81.91352154	78.12939419	71.61945863
ENSMUSG00000068173	2.829807405	4.869320706	3.530755239	0.805457672	3.580972932
ENSMUSG00000068205	9.196874066	2.782468975	9.886114669	4.02728836	5.013362104
ENSMUSG00000068206	7.781970364	16.69481385	14.829172	14.4982381	20.05344842
ENSMUSG00000068245	9.196874066	11.1298759	10.59226572	12.08186508	5.013362104
ENSMUSG00000068250	74.28244438	139.1234488	112.2780166	94.23854763	77.34901533
ENSMUSG00000068263	3.537259256	4.173703463	7.767661525	5.638203705	3.580972932
ENSMUSG00000068264	10.61177777	8.347406925	9.886114669	8.054576721	7.87814045
ENSMUSG00000068270	4.244711108	2.782468975	2.118453143	0.805457672	2.864778345
ENSMUSG00000068284	88.43148141	120.3417832	119.3395271	85.37851324	81.64618284
ENSMUSG00000068290	16.27139258	29.91154148	28.95219296	25.77464551	30.79636721
ENSMUSG00000068299	10.61177777	9.043024169	9.179963621	11.27640741	6.445751277
ENSMUSG00000068314	26.88317035	46.60635533	39.54445867	70.07481747	53.71459398
ENSMUSG00000068323	10.61177777	8.347406925	9.886114669	6.443661377	7.161945863
ENSMUSG00000068329	52.35143699	77.9091313	76.97046421	231.9718096	148.968474
ENSMUSG00000068349	7.074518513	7.651789682	7.767661525	12.08186508	12.89150255
ENSMUSG00000068373	4.244711108	4.869320706	3.530755239	9.665492065	3.580972932
ENSMUSG00000068399	5.65961481	9.043024169	6.35535943	4.832746033	5.729556691
ENSMUSG00000068457	12.73413332	20.86851731	21.89068248	32.21830688	27.21539428
ENSMUSG00000068523	62.25576291	91.12585893	83.32582364	184.4498069	134.6445822
ENSMUSG00000068536	8.489422215	4.869320706	7.767661525	4.832746033	3.580972932
ENSMUSG00000068551	5.65961481	2.782468975	7.767661525	5.638203705	6.445751277
ENSMUSG00000068566	12.02668147	23.65098629	18.35992724	9.665492065	7.161945863
ENSMUSG00000068580	32.54278516	50.7800588	60.02283906	53.96566403	48.70123187
ENSMUSG00000068600	9.196874066	10.43425866	9.179963621	8.054576721	9.310529622
ENSMUSG00000068601	37.49494812	47.99758982	45.19366706	37.05105292	52.99839939
ENSMUSG00000068663	38.20239997	70.25734162	51.54902649	53.96566403	62.30892901
ENSMUSG00000068686	5.65961481	11.82549314	4.236906287	9.665492065	6.445751277
ENSMUSG00000068699	10.61177777	7.651789682	8.473812573	6.443661377	5.013362104
ENSMUSG00000068706	21.22355554	38.95456565	37.42600553	84.57305557	60.87653984
ENSMUSG00000068735	80.64951104	96.69079689	93.21193831	34.6346799	45.12025894
ENSMUSG00000068739	69.33028142	98.77764862	96.74269354	178.0061455	131.7798039
ENSMUSG00000068740	6.367066661	15.99919661	11.29841676	7.249119049	7.87814045
ENSMUSG00000068742	35.37259256	49.38882431	50.84287544	35.44013757	33.66114556
ENSMUSG00000068744	9.196874066	4.869320706	8.473812573	32.21830688	17.18867007

ENSMUSG00000068747	7.074518513	8.347406925	8.473812573	1.610915344	5.013362104
ENSMUSG00000068762	11.31922962	8.347406925	2.824604191	6.443661377	7.161945863
ENSMUSG00000068798	133.7083999	166.9481385	129.9317928	256.9409974	194.8049275
ENSMUSG00000068823	169.7884443	194.077211	171.5947046	255.3300821	191.2239546
ENSMUSG00000068874	8.489422215	6.956172438	4.943057334	2.416373016	6.445751277
ENSMUSG00000068876	2.122355554	4.869320706	7.767661525	3.221830688	5.729556691
ENSMUSG00000068877	9.196874066	9.043024169	4.943057334	12.88732275	7.161945863
ENSMUSG00000068879	10.61177777	7.651789682	8.473812573	4.02728836	4.297167518
ENSMUSG00000068882	101.8730666	161.3832006	117.927225	266.6064895	197.6697058
ENSMUSG00000068917	34.66514071	68.17048989	61.43514116	122.4295662	90.24051788
ENSMUSG00000068921	104.702874	131.4716591	124.9887355	276.2719815	213.4259867
ENSMUSG00000068922	12.73413332	27.12907251	23.30298458	62.02024075	49.41742646
ENSMUSG00000068923	34.66514071	45.91073809	46.60596915	81.35122488	52.99839939
ENSMUSG00000068957	2.829807405	6.956172438	4.943057334	7.249119049	3.580972932
ENSMUSG00000068966	19.10119998	31.30277597	22.59683353	27.38556085	30.79636721
ENSMUSG00000068999	5.65961481	9.043024169	7.061510478	4.832746033	7.87814045
ENSMUSG00000069014	24.76081479	13.91234488	19.06607829	28.9964762	31.5125618
ENSMUSG00000069045	37.49494812	55.6493795	50.84287544	86.98942859	55.14698315
ENSMUSG00000069049	20.51610369	45.91073809	39.54445867	41.07834128	49.41742646
ENSMUSG00000069053	2.829807405	0.695617244	5.649208382	0.805457672	5.729556691
ENSMUSG00000069094	104.702874	131.4716591	117.927225	114.3749894	111.0101609
ENSMUSG00000069135	65.79302217	98.08203137	59.31668801	128.0677699	94.5376854
ENSMUSG00000069170	7.781970364	6.956172438	7.061510478	6.443661377	9.310529622
ENSMUSG00000069171	9.904325918	4.173703463	7.061510478	2.416373016	6.445751277
ENSMUSG00000069206	17.68629628	41.73703463	33.18909925	18.52552646	29.36397804
ENSMUSG00000069248	10.61177777	7.651789682	5.649208382	5.638203705	9.310529622
ENSMUSG00000069255	43.86201478	67.47487265	56.49208382	43.49471429	53.71459398
ENSMUSG00000069258	12.73413332	6.956172438	6.35535943	2.416373016	4.297167518
ENSMUSG00000069259	3.537259256	2.782468975	1.412302096	2.416373016	0
ENSMUSG00000069307	6.367066661	7.651789682	8.473812573	8.860034393	8.594335036
ENSMUSG00000069324	5.65961481	4.869320706	6.35535943	5.638203705	3.580972932
ENSMUSG00000069378	7.074518513	4.173703463	5.649208382	2.416373016	4.297167518
ENSMUSG00000069476	7.781970364	9.043024169	10.59226572	5.638203705	6.445751277
ENSMUSG00000069495	44.56946663	63.99678643	47.3121202	93.43308996	71.61945863
ENSMUSG00000069539	100.4581629	129.3848073	108.7472614	81.35122488	79.49759908
ENSMUSG00000069565	8.489422215	13.91234488	11.29841676	14.4982381	17.18867007
ENSMUSG00000069581	10.61177777	4.173703463	6.35535943	5.638203705	10.02672421
ENSMUSG00000069601	3.537259256	9.043024169	8.473812573	5.638203705	7.161945863
ENSMUSG00000069622	8.489422215	13.21672763	10.59226572	12.88732275	10.02672421
ENSMUSG00000069631	15.56394073	45.91073809	29.65834401	54.7711217	51.56601022
ENSMUSG00000069633	8.489422215	10.43425866	8.473812573	5.638203705	9.310529622
ENSMUSG00000069678	9.904325918	21.56413456	12.00456781	16.91461111	15.04008631
ENSMUSG00000069713	65.08557032	87.64777272	84.73812573	202.1698757	152.5494469

ENSMUSG00000069729	42.44711108	57.04061399	51.54902649	160.2860767	137.5093606
ENSMUSG00000069733	12.73413332	5.56493795	12.71071886	0.805457672	10.02672421
ENSMUSG00000069769	23.34591109	31.99839321	33.18909925	45.10562964	40.82309142
ENSMUSG00000069793	11.31922962	18.78166558	19.77222934	16.91461111	15.04008631
ENSMUSG00000069804	8.489422215	7.651789682	4.943057334	7.249119049	9.310529622
ENSMUSG00000069805	9.196874066	5.56493795	8.473812573	2.416373016	6.445751277
ENSMUSG00000069808	47.39927403	67.47487265	66.37819849	98.265836	87.37573953
ENSMUSG00000069823	9.196874066	7.651789682	7.061510478	7.249119049	5.013362104
ENSMUSG00000069825	8.489422215	8.347406925	4.943057334	7.249119049	6.445751277
ENSMUSG00000069830	7.074518513	4.173703463	12.00456781	7.249119049	7.161945863
ENSMUSG00000069833	10.61177777	23.65098629	29.65834401	12.88732275	14.32389173
ENSMUSG00000069835	7.781970364	5.56493795	3.530755239	6.443661377	5.013362104
ENSMUSG00000069844	45.98437033	68.86610713	55.78593277	180.4225185	135.3607768
ENSMUSG00000069893	44.56946663	59.82308296	62.84744325	86.98942859	50.13362104
ENSMUSG00000069899	12.73413332	19.47728283	11.29841676	16.10915344	10.02672421
ENSMUSG00000069911	10.61177777	16.69481385	18.35992724	15.30369577	20.05344842
ENSMUSG00000069920	9.196874066	9.043024169	10.59226572	5.638203705	12.89150255
ENSMUSG00000069922	12.73413332	2.782468975	9.886114669	4.832746033	6.445751277
ENSMUSG00000070000	55.88869625	71.64857611	57.19823487	41.88379895	30.79636721
ENSMUSG00000070003	14.14903703	15.99919661	11.29841676	39.46742593	36.5259239
ENSMUSG00000070031	59.42595551	54.95376226	50.13672439	103.098582	70.90326405
ENSMUSG00000070034	164.1288295	187.1210386	172.3008557	301.2411694	215.5745705
ENSMUSG00000070044	7.074518513	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG00000070047	11.31922962	4.173703463	7.061510478	4.02728836	2.148583759
ENSMUSG00000070280	9.904325918	7.651789682	9.179963621	4.832746033	10.02672421
ENSMUSG00000070284	14.85648888	13.91234488	18.35992724	20.94189947	20.769643
ENSMUSG00000070304	8.489422215	6.260555194	4.943057334	4.832746033	7.87814045
ENSMUSG00000070305	10.61177777	8.347406925	7.767661525	5.638203705	5.729556691
ENSMUSG00000070323	0.707451851	0	0.706151048	0	0
ENSMUSG00000070327	9.904325918	13.91234488	11.29841676	13.69278043	15.04008631
ENSMUSG00000070331	7.781970364	5.56493795	7.061510478	4.832746033	3.580972932
ENSMUSG00000070354	0	0	0	0.805457672	0
ENSMUSG00000070357	12.02668147	6.260555194	4.236906287	6.443661377	7.87814045
ENSMUSG00000070369	7.074518513	6.260555194	7.061510478	8.054576721	6.445751277
ENSMUSG00000070371	9.196874066	6.956172438	10.59226572	5.638203705	5.729556691
ENSMUSG00000070372	128.7562369	153.0357936	139.1117564	265.8010318	190.50776
ENSMUSG00000070385	9.904325918	9.738641413	8.473812573	8.054576721	6.445751277
ENSMUSG00000070390	9.904325918	4.173703463	5.649208382	5.638203705	6.445751277
ENSMUSG00000070394	7.781970364	8.347406925	9.886114669	10.47094974	12.89150255
ENSMUSG00000070419	10.61177777	4.173703463	6.35535943	4.832746033	7.87814045
ENSMUSG00000070424	10.61177777	7.651789682	10.59226572	9.665492065	7.87814045
ENSMUSG00000070425	1.414903703	2.086851731	3.530755239	0.805457672	2.864778345
ENSMUSG00000070426	87.01657771	105.0382038	108.0411103	116.7913625	93.82149081

ENSMUSG00000070436	8.489422215	4.869320706	8.473812573	3.221830688	4.297167518
ENSMUSG00000070448	17.68629628	10.43425866	7.061510478	4.832746033	7.87814045
ENSMUSG00000070460	5.65961481	6.956172438	7.767661525	4.832746033	3.580972932
ENSMUSG00000070469	9.196874066	4.173703463	6.35535943	4.832746033	6.445751277
ENSMUSG00000070476	4.244711108	4.869320706	8.473812573	5.638203705	7.87814045
ENSMUSG00000070495	7.074518513	3.478086219	5.649208382	2.416373016	9.310529622
ENSMUSG00000070501	92.67619252	121.0374004	88.26888097	91.01671695	77.34901533
ENSMUSG00000070509	7.074518513	5.56493795	8.473812573	4.02728836	13.60769714
ENSMUSG00000070511	10.61177777	6.260555194	5.649208382	8.054576721	4.297167518
ENSMUSG00000070522	10.61177777	9.738641413	13.41686991	3.221830688	2.864778345
ENSMUSG00000070533	7.074518513	5.56493795	6.35535943	6.443661377	8.594335036
ENSMUSG00000070564	6.367066661	3.478086219	3.530755239	7.249119049	5.013362104
ENSMUSG00000070565	5.65961481	9.043024169	9.179963621	5.638203705	5.729556691
ENSMUSG00000070568	9.904325918	7.651789682	6.35535943	7.249119049	5.729556691
ENSMUSG00000070574	7.781970364	8.347406925	7.061510478	8.054576721	10.7429188
ENSMUSG00000070594	5.65961481	5.56493795	7.767661525	2.416373016	6.445751277
ENSMUSG00000070616	7.781970364	4.869320706	5.649208382	5.638203705	2.864778345
ENSMUSG00000070618	0	0	0	0	0
ENSMUSG00000070643	9.904325918	5.56493795	7.061510478	4.02728836	2.864778345
ENSMUSG00000070644	2.829807405	5.56493795	7.767661525	6.443661377	5.729556691
ENSMUSG00000070686	14.85648888	10.43425866	5.649208382	8.054576721	5.013362104
ENSMUSG00000070687	4.244711108	6.260555194	7.767661525	4.832746033	4.297167518
ENSMUSG00000070691	8.489422215	6.956172438	12.00456781	12.08186508	12.89150255
ENSMUSG00000070704	7.074518513	7.651789682	7.061510478	6.443661377	9.310529622
ENSMUSG00000070709	16.97884443	34.78086219	36.71985448	23.35827249	23.63442135
ENSMUSG00000070713	11.31922962	22.95536904	24.71528667	17.72006879	20.769643
ENSMUSG00000070730	34.66514071	57.04061399	53.66747963	66.04752911	67.32229112
ENSMUSG00000070733	87.01657771	91.82147618	80.50121945	115.9859048	126.0502472
ENSMUSG00000070737	7.074518513	7.651789682	6.35535943	8.860034393	5.013362104
ENSMUSG00000070738	186.7672887	169.7306075	164.5331941	219.0844868	169.738117
ENSMUSG00000070780	6.367066661	11.82549314	11.29841676	4.832746033	5.729556691
ENSMUSG00000070796	6.367066661	6.260555194	9.179963621	8.054576721	5.013362104
ENSMUSG00000070810	10.61177777	6.956172438	6.35535943	8.860034393	7.161945863
ENSMUSG00000070814	24.05336294	27.82468975	30.36449505	72.49119049	55.86317773
ENSMUSG00000070844	16.97884443	9.738641413	10.59226572	8.054576721	10.7429188
ENSMUSG00000070847	14.14903703	5.56493795	14.829172	4.832746033	7.87814045
ENSMUSG00000070858	7.074518513	8.347406925	6.35535943	6.443661377	10.02672421
ENSMUSG00000070868	10.61177777	7.651789682	8.473812573	4.02728836	4.297167518
ENSMUSG00000070871	4.952162959	15.30357936	9.179963621	9.665492065	12.89150255
ENSMUSG00000070880	10.61177777	14.60796212	14.12302096	11.27640741	7.87814045
ENSMUSG00000070891	9.196874066	6.956172438	6.35535943	9.665492065	7.161945863
ENSMUSG00000070933	44.56946663	10.43425866	16.94762515	22.55281482	10.02672421
ENSMUSG00000070953	28.29807405	45.21512085	43.78136496	36.24559524	33.66114556

ENSMUSG00000070972	9.196874066	7.651789682	5.649208382	6.443661377	7.87814045
ENSMUSG00000071014	38.20239997	60.51870021	55.07978173	71.68573282	63.74131818
ENSMUSG00000071019	11.31922962	6.260555194	6.35535943	0.805457672	7.87814045
ENSMUSG00000071033	9.196874066	9.043024169	7.767661525	3.221830688	4.297167518
ENSMUSG00000071036	12.73413332	17.39043109	14.12302096	10.47094974	13.60769714
ENSMUSG00000071042	12.02668147	13.91234488	13.41686991	2.416373016	13.60769714
ENSMUSG00000071054	148.5648888	193.3815938	172.3008557	443.8071773	340.1924285
ENSMUSG00000071064	15.56394073	13.91234488	16.94762515	45.10562964	46.55264811
ENSMUSG00000071072	80.64951104	118.2549314	96.0365425	263.3846588	212.7097921
ENSMUSG00000071104	9.196874066	6.956172438	2.824604191	4.832746033	7.161945863
ENSMUSG00000071112	10.61177777	8.347406925	7.767661525	4.832746033	5.729556691
ENSMUSG00000071172	205.8684887	188.5122731	166.6516473	383.3978519	283.6130562
ENSMUSG00000071176	7.074518513	7.651789682	7.061510478	7.249119049	7.161945863
ENSMUSG00000071178	8.489422215	6.956172438	4.943057334	8.860034393	9.310529622
ENSMUSG00000071181	14.14903703	5.56493795	9.886114669	8.860034393	5.729556691
ENSMUSG00000071226	50.22908144	50.7800588	43.78136496	37.85651059	29.36397804
ENSMUSG00000071235	7.781970364	6.260555194	2.118453143	12.08186508	10.02672421
ENSMUSG00000071266	7.781970364	14.60796212	11.29841676	6.443661377	10.7429188
ENSMUSG00000071267	69.33028142	109.9075245	99.56729774	70.88027514	65.88990194
ENSMUSG00000071281	12.73413332	33.3896277	30.36449505	13.69278043	16.47247549
ENSMUSG00000071291	41.73965922	64.69240367	51.54902649	30.60739154	42.97167518
ENSMUSG00000071302	39.61730367	64.69240367	43.07521391	47.52200265	40.82309142
ENSMUSG00000071322	10.61177777	6.956172438	8.473812573	10.47094974	9.310529622
ENSMUSG00000071324	9.196874066	6.260555194	8.473812573	9.665492065	2.148583759
ENSMUSG00000071337	67.91537772	92.51709342	79.08891735	167.5351958	133.2121931
ENSMUSG00000071350	58.0110518	82.77845201	74.85201106	134.5114312	112.4425501
ENSMUSG00000071359	14.85648888	21.56413456	10.59226572	10.47094974	10.7429188
ENSMUSG00000071362	9.904325918	9.738641413	9.886114669	8.860034393	10.7429188
ENSMUSG00000071369	37.49494812	54.95376226	50.84287544	82.96214023	65.17370736
ENSMUSG00000071424	13.44158517	7.651789682	7.061510478	2.416373016	5.013362104
ENSMUSG00000071434	8.489422215	3.478086219	4.236906287	5.638203705	6.445751277
ENSMUSG00000071451	29.71297775	59.82308296	60.02283906	52.35474869	53.71459398
ENSMUSG00000071454	12.73413332	16.69481385	22.59683353	14.4982381	20.05344842
ENSMUSG00000071456	73.57499253	120.3417832	95.33039145	219.0844868	170.4543116
ENSMUSG00000071477	15.56394073	25.04222078	20.47838039	34.6346799	32.94495097
ENSMUSG00000071533	140.0754665	173.2086937	151.1163242	260.1628281	197.6697058
ENSMUSG00000071550	8.489422215	9.738641413	9.886114669	7.249119049	6.445751277
ENSMUSG00000071551	8.489422215	10.43425866	9.179963621	8.054576721	8.594335036
ENSMUSG00000071553	8.489422215	8.347406925	7.061510478	8.860034393	5.729556691
ENSMUSG00000071573	12.02668147	18.08604834	14.829172	20.94189947	22.20203218
ENSMUSG00000071591	12.02668147	2.782468975	6.35535943	4.02728836	5.013362104
ENSMUSG00000071613	11.31922962	9.738641413	9.179963621	7.249119049	5.729556691
ENSMUSG00000071632	0	0	0	0	0

ENSMUSG00000071633	4.952162959	4.173703463	7.767661525	6.443661377	5.729556691
ENSMUSG00000071640	6.367066661	14.60796212	7.767661525	5.638203705	7.87814045
ENSMUSG00000071644	47.39927403	77.21351406	63.5535943	282.7156429	191.9401491
ENSMUSG00000071655	39.61730367	61.21431745	62.1412922	86.98942859	76.63282074
ENSMUSG00000071657	7.074518513	13.91234488	17.65377619	14.4982381	13.60769714
ENSMUSG00000071660	39.61730367	67.47487265	62.1412922	219.8899445	169.738117
ENSMUSG00000071665	3.537259256	3.478086219	4.236906287	1.610915344	3.580972932
ENSMUSG00000071669	38.90985182	65.38802092	48.7244223	113.5695318	86.65954495
ENSMUSG00000071691	6.367066661	10.43425866	7.767661525	4.02728836	4.297167518
ENSMUSG00000071708	24.76081479	27.82468975	29.65834401	63.6311561	51.56601022
ENSMUSG00000071711	9.196874066	22.2597518	13.41686991	14.4982381	14.32389173
ENSMUSG00000071715	82.06441475	89.73462445	93.91808935	116.7913625	103.848215
ENSMUSG00000071721	7.074518513	0.695617244	4.236906287	2.416373016	4.297167518
ENSMUSG00000071748	3.537259256	6.260555194	6.35535943	4.02728836	5.013362104
ENSMUSG00000071757	14.14903703	22.95536904	28.95219296	23.35827249	24.35061594
ENSMUSG00000071766	5.65961481	1.391234488	5.649208382	2.416373016	4.297167518
ENSMUSG00000071769	0.707451851	0.695617244	1.412302096	2.416373016	0
ENSMUSG00000071772	7.781970364	4.173703463	5.649208382	4.832746033	2.864778345
ENSMUSG00000071847	9.196874066	1.391234488	7.061510478	5.638203705	2.864778345
ENSMUSG00000071856	5.65961481	6.260555194	9.179963621	5.638203705	4.297167518
ENSMUSG00000071866	79.94205919	95.2995624	83.32582364	249.6918783	173.3190899
ENSMUSG00000071952	7.781970364	9.043024169	8.473812573	6.443661377	8.594335036
ENSMUSG00000071984	12.02668147	4.173703463	4.236906287	7.249119049	6.445751277
ENSMUSG00000072115	0	0	0	0	0
ENSMUSG00000072244	6.367066661	11.82549314	5.649208382	9.665492065	10.02672421
ENSMUSG00000072258	45.27691848	50.08444155	42.36906287	103.098582	71.61945863
ENSMUSG00000072479	3.537259256	2.782468975	4.943057334	1.610915344	4.297167518
ENSMUSG00000072487	6.367066661	2.086851731	7.767661525	6.443661377	7.87814045
ENSMUSG00000072553	7.781970364	9.043024169	7.061510478	8.860034393	10.02672421
ENSMUSG00000072573	6.367066661	13.91234488	15.53532305	12.08186508	21.48583759
ENSMUSG00000072584	9.904325918	6.956172438	11.29841676	4.832746033	2.148583759
ENSMUSG00000072605	16.97884443	10.43425866	13.41686991	8.860034393	6.445751277
ENSMUSG00000072640	10.61177777	26.43345526	17.65377619	17.72006879	14.32389173
ENSMUSG00000072663	7.074518513	8.347406925	7.767661525	4.832746033	4.297167518
ENSMUSG00000072664	9.904325918	8.347406925	7.061510478	8.860034393	7.87814045
ENSMUSG00000072672	14.85648888	2.782468975	6.35535943	3.221830688	5.729556691
ENSMUSG00000072673	8.489422215	16.69481385	11.29841676	4.832746033	7.161945863
ENSMUSG00000072674	9.904325918	4.869320706	10.59226572	5.638203705	7.87814045
ENSMUSG00000072675	10.61177777	3.478086219	7.061510478	4.02728836	7.161945863
ENSMUSG00000072676	11.31922962	7.651789682	14.12302096	14.4982381	12.89150255
ENSMUSG00000072680	12.73413332	4.869320706	11.29841676	14.4982381	10.7429188
ENSMUSG00000072693	9.196874066	8.347406925	16.2414741	13.69278043	12.89150255
ENSMUSG00000072720	5.65961481	6.260555194	3.530755239	8.054576721	9.310529622

ENSMUSG00000072738	12.02668147	7.651789682	4.236906287	4.832746033	6.445751277
ENSMUSG00000072763	23.34591109	43.82388636	31.77679715	24.16373016	32.94495097
ENSMUSG00000072769	6.367066661	8.347406925	10.59226572	7.249119049	7.161945863
ENSMUSG00000072774	31.83533331	31.99839321	19.77222934	38.66196826	32.94495097
ENSMUSG00000072791	9.904325918	11.82549314	6.35535943	8.054576721	5.729556691
ENSMUSG00000072812	4.244711108	4.869320706	4.943057334	6.443661377	7.161945863
ENSMUSG00000072814	9.904325918	10.43425866	4.943057334	6.443661377	3.580972932
ENSMUSG00000072825	9.196874066	4.173703463	8.473812573	7.249119049	5.729556691
ENSMUSG00000072849	7.781970364	7.651789682	7.061510478	7.249119049	5.729556691
ENSMUSG00000072944	2.829807405	2.086851731	7.061510478	1.610915344	1.432389173
ENSMUSG00000072946	30.4204296	47.99758982	49.43057334	39.46742593	43.68786977
ENSMUSG00000072955	0	0	0	0	0
ENSMUSG00000072962	6.367066661	6.260555194	7.767661525	6.443661377	12.17530797
ENSMUSG00000072963	7.074518513	4.869320706	7.061510478	8.054576721	6.445751277
ENSMUSG00000072964	4.952162959	5.56493795	9.179963621	17.72006879	15.04008631
ENSMUSG00000072966	4.952162959	0.695617244	4.943057334	2.416373016	3.580972932
ENSMUSG00000072999	9.904325918	7.651789682	4.943057334	4.832746033	3.580972932
ENSMUSG00000073000	12.73413332	18.08604834	7.767661525	10.47094974	22.20203218
ENSMUSG00000073007	2.829807405	5.56493795	6.35535943	6.443661377	3.580972932
ENSMUSG00000073008	48.81417774	71.64857611	42.36906287	67.65844446	64.45751277
ENSMUSG00000073018	7.074518513	9.043024169	8.473812573	7.249119049	5.729556691
ENSMUSG00000073027	4.244711108	4.869320706	2.118453143	0	1.432389173
ENSMUSG00000073052	7.781970364	5.56493795	7.767661525	6.443661377	8.594335036
ENSMUSG00000073072	12.02668147	8.347406925	4.943057334	4.832746033	10.7429188
ENSMUSG00000073096	17.68629628	20.86851731	25.42143772	10.47094974	20.05344842
ENSMUSG00000073125	0.707451851	4.869320706	4.236906287	4.832746033	2.148583759
ENSMUSG00000073131	13.44158517	25.04222078	26.83373982	53.16020636	30.08017263
ENSMUSG00000073208	30.4204296	13.91234488	13.41686991	21.74735715	11.45911338
ENSMUSG00000073245	4.244711108	3.478086219	4.943057334	0.805457672	2.148583759
ENSMUSG00000073255	6.367066661	2.086851731	3.530755239	1.610915344	2.864778345
ENSMUSG00000073377	4.952162959	7.651789682	4.943057334	8.054576721	4.297167518
ENSMUSG00000073388	68.62282957	91.12585893	81.20737049	97.46037832	109.5777717
ENSMUSG00000073400	7.781970364	6.260555194	4.236906287	6.443661377	7.161945863
ENSMUSG00000073402	9.196874066	6.956172438	10.59226572	14.4982381	17.90486466
ENSMUSG00000073406	12.73413332	9.043024169	12.71071886	14.4982381	15.04008631
ENSMUSG00000073409	117.4370073	158.6007316	147.585569	354.4013757	240.641381
ENSMUSG00000073411	191.7194517	187.1210386	185.7177256	292.381135	220.5879326
ENSMUSG00000073422	6.367066661	8.347406925	10.59226572	33.02376456	20.05344842
ENSMUSG00000073433	6.367066661	4.869320706	2.118453143	0.805457672	3.580972932
ENSMUSG00000073434	5.65961481	13.21672763	8.473812573	9.665492065	10.02672421
ENSMUSG00000073435	10.61177777	18.08604834	10.59226572	12.08186508	13.60769714
ENSMUSG00000073436	28.29807405	42.43265187	36.01370344	137.7332619	111.7263555
ENSMUSG00000073448	2.122355554	3.478086219	0.706151048	3.221830688	5.013362104



ENSMUSG00000073468	159.1766665	197.5552972	156.7655326	177.2006879	134.6445822
ENSMUSG00000073486	45.98437033	67.47487265	60.02283906	227.9445212	180.4810358
ENSMUSG00000073490	7.781970364	7.651789682	12.00456781	11.27640741	10.02672421
ENSMUSG00000073491	28.29807405	47.30197258	38.13215658	55.57657937	32.94495097
ENSMUSG00000073492	10.61177777	7.651789682	12.00456781	9.665492065	10.02672421
ENSMUSG00000073528	9.904325918	5.56493795	8.473812573	4.02728836	7.87814045
ENSMUSG00000073530	8.489422215	5.56493795	9.179963621	6.443661377	8.594335036
ENSMUSG00000073557	23.34591109	43.12826911	28.95219296	24.96918783	32.22875639
ENSMUSG00000073590	8.489422215	11.1298759	3.530755239	4.832746033	8.594335036
ENSMUSG00000073594	12.02668147	10.43425866	7.767661525	5.638203705	5.729556691
ENSMUSG00000073602	0	0	0	0	0.716194586
ENSMUSG00000073616	48.81417774	68.17048989	74.14586002	59.60386773	63.74131818
ENSMUSG00000073643	36.08004441	36.86771392	36.71985448	57.99295239	68.0384857
ENSMUSG00000073664	22.63845924	30.60715873	20.47838039	16.91461111	16.47247549
ENSMUSG00000073684	16.27139258	26.43345526	21.18453143	20.1364418	11.45911338
ENSMUSG00000073702	48.81417774	60.51870021	55.07978173	263.3846588	171.1705061
ENSMUSG00000073705	19.10119998	29.21592424	18.35992724	46.71654498	29.36397804
ENSMUSG00000073724	13.44158517	6.260555194	7.767661525	6.443661377	6.445751277
ENSMUSG00000073758	8.489422215	6.260555194	9.179963621	17.72006879	8.594335036
ENSMUSG00000073761	12.02668147	6.956172438	7.767661525	5.638203705	5.013362104
ENSMUSG00000073771	4.952162959	9.738641413	4.943057334	21.74735715	15.7562809
ENSMUSG00000073781	9.196874066	7.651789682	11.29841676	4.832746033	5.013362104
ENSMUSG00000073791	14.85648888	36.17209668	26.83373982	27.38556085	25.06681052
ENSMUSG00000073792	10.61177777	12.52111039	12.71071886	14.4982381	22.20203218
ENSMUSG00000073795	5.65961481	8.347406925	4.943057334	8.860034393	6.445751277
ENSMUSG00000073803	9.904325918	4.173703463	7.061510478	4.02728836	7.161945863
ENSMUSG00000073830	11.31922962	6.956172438	9.886114669	9.665492065	7.87814045
ENSMUSG00000073834	16.97884443	9.738641413	6.35535943	5.638203705	4.297167518
ENSMUSG00000073838	20.51610369	18.78166558	19.77222934	115.9859048	88.80812871
ENSMUSG00000073842	7.781970364	7.651789682	8.473812573	11.27640741	7.87814045
ENSMUSG00000073867	40.32475552	58.43184848	59.31668801	104.7094974	80.92998826
ENSMUSG00000073877	4.244711108	2.782468975	5.649208382	1.610915344	2.864778345
ENSMUSG00000073888	5.65961481	3.478086219	5.649208382	8.054576721	3.580972932
ENSMUSG00000073889	1.414903703	0.695617244	7.061510478	4.832746033	1.432389173
ENSMUSG00000073893	11.31922962	11.1298759	8.473812573	3.221830688	6.445751277
ENSMUSG00000073910	9.196874066	12.52111039	14.12302096	13.69278043	10.7429188
ENSMUSG00000073982	129.4636888	160.6875833	118.633376	225.5281482	157.562809
ENSMUSG00000073988	4.952162959	4.173703463	8.473812573	4.832746033	10.02672421
ENSMUSG00000073991	11.31922962	9.043024169	8.473812573	6.443661377	9.310529622
ENSMUSG00000073995	10.61177777	7.651789682	13.41686991	4.832746033	7.161945863
ENSMUSG00000074029	4.952162959	5.56493795	13.41686991	5.638203705	8.594335036
ENSMUSG00000074056	36.08004441	68.17048989	55.78593277	103.098582	78.06520991
ENSMUSG00000074060	12.02668147	8.347406925	9.179963621	4.832746033	7.161945863

ENSMUSG00000074063	7.781970364	6.956172438	10.59226572	5.638203705	9.310529622
ENSMUSG00000074075	113.8997481	161.3832006	137.6994543	123.2350238	111.0101609
ENSMUSG00000074129	0	4.869320706	1.412302096	1.610915344	1.432389173
ENSMUSG00000074140	12.73413332	22.2597518	21.18453143	12.08186508	12.89150255
ENSMUSG00000074141	11.31922962	13.21672763	14.829172	26.58010318	25.78300511
ENSMUSG00000074151	12.02668147	7.651789682	9.886114669	6.443661377	10.02672421
ENSMUSG00000074165	16.97884443	26.43345526	33.89525029	28.9964762	22.91822676
ENSMUSG00000074178	101.8730666	125.2111039	108.7472614	120.0131931	101.6996313
ENSMUSG00000074179	8.489422215	13.21672763	5.649208382	5.638203705	13.60769714
ENSMUSG00000074196	9.196874066	9.738641413	9.179963621	4.832746033	7.161945863
ENSMUSG00000074203	8.489422215	9.043024169	5.649208382	5.638203705	8.594335036
ENSMUSG00000074207	11.31922962	6.956172438	4.236906287	4.02728836	3.580972932
ENSMUSG00000074210	14.14903703	19.47728283	22.59683353	33.82922223	45.12025894
ENSMUSG00000074213	104.702874	134.9497453	127.8133396	111.9586164	93.82149081
ENSMUSG00000074215	2.829807405	6.260555194	7.061510478	8.054576721	5.729556691
ENSMUSG00000074219	19.80865184	18.08604834	24.00913562	50.74383334	40.82309142
ENSMUSG00000074220	41.73965922	36.86771392	37.42600553	42.68925662	32.94495097
ENSMUSG00000074221	12.02668147	21.56413456	17.65377619	35.44013757	43.68786977
ENSMUSG00000074227	17.68629628	16.69481385	21.18453143	10.47094974	17.18867007
ENSMUSG00000074228	11.31922962	15.30357936	12.00456781	40.2728836	37.95831308
ENSMUSG00000074232	5.65961481	9.738641413	5.649208382	3.221830688	7.161945863
ENSMUSG00000074237	9.904325918	4.869320706	6.35535943	10.47094974	4.297167518
ENSMUSG00000074247	82.7718666	111.298759	118.633376	160.2860767	118.1721067
ENSMUSG00000074252	5.65961481	7.651789682	9.179963621	7.249119049	5.013362104
ENSMUSG00000074259	6.367066661	6.956172438	7.767661525	6.443661377	2.864778345
ENSMUSG00000074264	7.074518513	9.738641413	14.12302096	12.88732275	11.45911338
ENSMUSG00000074269	9.904325918	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000074272	31.12788146	31.99839321	38.13215658	21.74735715	30.79636721
ENSMUSG00000074282	10.61177777	20.86851731	16.2414741	27.38556085	23.63442135
ENSMUSG00000074355	7.074518513	13.91234488	9.886114669	8.860034393	5.013362104
ENSMUSG00000074357	23.34591109	36.86771392	31.77679715	84.57305557	76.63282074
ENSMUSG00000074361	7.781970364	9.043024169	7.767661525	9.665492065	7.87814045
ENSMUSG00000074365	7.781970364	2.782468975	7.061510478	10.47094974	8.594335036
ENSMUSG00000074369	1.414903703	0	0.706151048	0.805457672	0.716194586
ENSMUSG00000074377	10.61177777	3.478086219	4.236906287	5.638203705	4.297167518
ENSMUSG00000074385	6.367066661	10.43425866	2.118453143	2.416373016	7.161945863
ENSMUSG00000074419	7.781970364	11.1298759	6.35535943	5.638203705	10.7429188
ENSMUSG00000074435	7.781970364	6.956172438	9.179963621	8.860034393	2.864778345
ENSMUSG00000074452	14.85648888	26.43345526	36.71985448	49.93837567	45.83645353
ENSMUSG00000074457	6.367066661	9.738641413	3.530755239	6.443661377	10.7429188
ENSMUSG00000074461	18.39374813	20.86851731	18.35992724	14.4982381	17.90486466
ENSMUSG00000074472	10.61177777	6.956172438	7.061510478	6.443661377	6.445751277
ENSMUSG00000074473	11.31922962	2.086851731	2.824604191	5.638203705	5.729556691

ENSMUSG00000074479	12.02668147	12.52111039	12.00456781	12.88732275	12.17530797
ENSMUSG00000074500	4.244711108	6.956172438	6.35535943	4.02728836	10.7429188
ENSMUSG00000074516	12.73413332	13.21672763	19.06607829	11.27640741	15.7562809
ENSMUSG00000074519	46.69182218	70.25734162	58.61053696	49.132918	47.98503729
ENSMUSG00000074521	13.44158517	24.34660353	20.47838039	27.38556085	22.20203218
ENSMUSG00000074527	13.44158517	10.43425866	10.59226572	17.72006879	17.90486466
ENSMUSG00000074529	12.73413332	9.043024169	10.59226572	12.08186508	10.7429188
ENSMUSG00000074570	7.781970364	5.56493795	14.12302096	6.443661377	10.02672421
ENSMUSG00000074578	0	0	0	5.638203705	2.148583759
ENSMUSG00000074579	9.196874066	8.347406925	4.236906287	10.47094974	10.02672421
ENSMUSG00000074580	35.37259256	73.0398106	76.26431316	350.3740874	275.7349157
ENSMUSG00000074582	72.16008883	116.1680797	100.9795998	108.7367857	113.8749392
ENSMUSG00000074593	7.781970364	4.869320706	4.236906287	8.054576721	8.594335036
ENSMUSG00000074603	7.781970364	7.651789682	9.179963621	8.860034393	12.17530797
ENSMUSG00000074607	9.196874066	4.869320706	4.236906287	5.638203705	2.864778345
ENSMUSG00000074625	6.367066661	3.478086219	4.943057334	7.249119049	7.87814045
ENSMUSG00000074627	45.98437033	63.30116918	65.67204744	164.3133651	135.3607768
ENSMUSG00000074629	22.63845924	48.69320706	39.54445867	96.65492065	75.20043157
ENSMUSG00000074634	16.97884443	21.56413456	19.77222934	15.30369577	20.05344842
ENSMUSG00000074643	0	0	0	0	0
ENSMUSG00000074646	7.781970364	14.60796212	19.06607829	20.1364418	20.05344842
ENSMUSG00000074650	8.489422215	4.869320706	4.943057334	5.638203705	5.729556691
ENSMUSG00000074653	11.31922962	6.956172438	7.767661525	5.638203705	9.310529622
ENSMUSG00000074656	89.13893326	123.1242521	100.2734488	284.3265582	205.5478463
ENSMUSG00000074661	10.61177777	6.956172438	10.59226572	6.443661377	9.310529622
ENSMUSG00000074664	8.489422215	7.651789682	7.767661525	7.249119049	7.161945863
ENSMUSG00000074665	6.367066661	4.173703463	5.649208382	5.638203705	7.161945863
ENSMUSG00000074673	8.489422215	11.1298759	14.12302096	8.860034393	10.7429188
ENSMUSG00000074674	14.85648888	10.43425866	7.767661525	3.221830688	5.729556691
ENSMUSG00000074677	11.31922962	11.1298759	14.12302096	4.02728836	5.729556691
ENSMUSG00000074698	103.9954221	132.8628936	103.804204	211.0299101	164.7247549
ENSMUSG00000074736	9.904325918	6.260555194	4.943057334	5.638203705	5.013362104
ENSMUSG00000074739	7.781970364	6.956172438	4.943057334	5.638203705	3.580972932
ENSMUSG00000074749	10.61177777	23.65098629	16.94762515	13.69278043	13.60769714
ENSMUSG00000074764	9.904325918	7.651789682	4.236906287	5.638203705	2.148583759
ENSMUSG00000074766	11.31922962	4.173703463	6.35535943	4.02728836	6.445751277
ENSMUSG00000074771	12.02668147	8.347406925	8.473812573	5.638203705	5.013362104
ENSMUSG00000074793	4.244711108	4.173703463	2.824604191	10.47094974	10.02672421
ENSMUSG00000074794	13.44158517	15.30357936	16.2414741	40.2728836	20.769643
ENSMUSG00000074796	4.952162959	4.173703463	10.59226572	10.47094974	7.161945863
ENSMUSG00000074797	55.88869625	85.56092098	91.09348516	138.5387196	95.97007457
ENSMUSG00000074802	33.25023701	31.30277597	26.83373982	28.9964762	30.79636721
ENSMUSG00000074807	16.97884443	29.21592424	26.12758877	35.44013757	34.37734014

ENSMUSG00000074812	11.31922962	4.869320706	4.236906287	5.638203705	7.87814045
ENSMUSG00000074818	4.952162959	11.82549314	11.29841676	9.665492065	12.89150255
ENSMUSG00000074826	32.54278516	55.6493795	57.90438592	95.04400531	86.65954495
ENSMUSG00000074829	46.69182218	61.9099347	60.02283906	37.85651059	41.53928601
ENSMUSG00000074832	8.489422215	4.869320706	9.886114669	3.221830688	2.864778345
ENSMUSG00000074847	5.65961481	8.347406925	8.473812573	12.88732275	10.7429188
ENSMUSG00000074862	4.952162959	8.347406925	8.473812573	8.054576721	10.02672421
ENSMUSG00000074873	14.14903703	11.82549314	15.53532305	5.638203705	12.17530797
ENSMUSG00000074874	13.44158517	13.91234488	8.473812573	4.02728836	4.297167518
ENSMUSG00000074884	36.08004441	52.86691053	50.84287544	128.8732275	95.97007457
ENSMUSG00000074886	128.7562369	121.0374004	129.9317928	194.115299	147.5360848
ENSMUSG00000074895	7.781970364	5.56493795	4.943057334	10.47094974	9.310529622
ENSMUSG00000074919	9.196874066	5.56493795	7.061510478	7.249119049	6.445751277
ENSMUSG00000074923	6.367066661	11.1298759	7.061510478	6.443661377	12.89150255
ENSMUSG00000074968	5.65961481	6.956172438	7.061510478	4.02728836	4.297167518
ENSMUSG00000074999	12.02668147	7.651789682	10.59226572	6.443661377	4.297167518
ENSMUSG00000075000	114.6071999	150.2533247	142.6425116	131.2896006	123.1854689
ENSMUSG00000075010	18.39374813	31.99839321	24.00913562	43.49471429	35.09353473
ENSMUSG00000075023	7.074518513	4.869320706	4.943057334	5.638203705	4.297167518
ENSMUSG00000075024	12.02668147	6.956172438	5.649208382	7.249119049	7.87814045
ENSMUSG00000075028	29.0055259	46.60635533	48.01827125	24.96918783	35.09353473
ENSMUSG00000075044	9.904325918	7.651789682	5.649208382	3.221830688	7.87814045
ENSMUSG00000075053	10.61177777	6.260555194	6.35535943	4.832746033	8.594335036
ENSMUSG00000075064	2.829807405	4.869320706	2.824604191	5.638203705	5.729556691
ENSMUSG00000075101	14.85648888	6.956172438	7.767661525	5.638203705	5.013362104
ENSMUSG00000075111	17.68629628	7.651789682	6.35535943	2.416373016	3.580972932
ENSMUSG00000075180	7.074518513	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000075184	9.196874066	9.738641413	9.179963621	7.249119049	6.445751277
ENSMUSG00000075211	10.61177777	8.347406925	8.473812573	3.221830688	5.729556691
ENSMUSG00000075225	12.73413332	8.347406925	11.29841676	9.665492065	12.17530797
ENSMUSG00000075229	35.37259256	51.47567604	55.78593277	106.3204127	91.67290705
ENSMUSG00000075249	9.196874066	8.347406925	8.473812573	3.221830688	4.297167518
ENSMUSG00000075254	47.39927403	66.7792554	68.49665163	114.3749894	94.5376854
ENSMUSG00000075270	10.61177777	9.043024169	7.061510478	3.221830688	6.445751277
ENSMUSG00000075284	5.65961481	8.347406925	14.12302096	4.02728836	9.310529622
ENSMUSG00000075297	0	0	0	0	0
ENSMUSG00000075302	6.367066661	11.82549314	8.473812573	4.832746033	7.87814045
ENSMUSG00000075316	10.61177777	6.956172438	7.061510478	3.221830688	4.297167518
ENSMUSG00000075318	9.196874066	4.869320706	4.943057334	5.638203705	2.864778345
ENSMUSG00000075324	8.489422215	6.260555194	7.061510478	3.221830688	4.297167518
ENSMUSG00000075327	123.804074	173.9043109	153.2347774	235.1936403	192.6563437
ENSMUSG00000075330	0	0	0	0	0
ENSMUSG00000075370	19.80865184	17.39043109	16.2414741	9.665492065	10.7429188

ENSMUSG00000075376	76.40479994	106.4294383	103.804204	132.9005159	106.7129934
ENSMUSG00000075395	9.904325918	5.56493795	6.35535943	6.443661377	12.89150255
ENSMUSG00000075405	9.904325918	14.60796212	14.12302096	6.443661377	7.87814045
ENSMUSG00000075410	9.196874066	4.173703463	4.943057334	7.249119049	5.729556691
ENSMUSG00000075415	103.2879703	124.5154866	144.0548137	322.9885265	244.2223539
ENSMUSG00000075425	15.56394073	10.43425866	6.35535943	6.443661377	17.18867007
ENSMUSG00000075427	9.196874066	9.738641413	10.59226572	4.832746033	8.594335036
ENSMUSG00000075465	9.904325918	14.60796212	8.473812573	5.638203705	9.310529622
ENSMUSG00000075517	7.074518513	6.260555194	7.061510478	5.638203705	6.445751277
ENSMUSG00000075528	5.65961481	18.78166558	14.829172	33.82922223	36.5259239
ENSMUSG00000075549	12.73413332	11.1298759	11.29841676	6.443661377	4.297167518
ENSMUSG00000075569	5.65961481	11.1298759	6.35535943	8.860034393	10.7429188
ENSMUSG00000075591	7.074518513	13.21672763	9.179963621	6.443661377	8.594335036
ENSMUSG00000075593	4.952162959	11.1298759	5.649208382	9.665492065	5.013362104
ENSMUSG00000075602	70.03773327	90.43024169	71.32125582	330.2376456	187.6429816
ENSMUSG00000075703	40.32475552	77.21351406	61.43514116	125.6513968	116.7397176
ENSMUSG00000075704	20.51610369	20.86851731	22.59683353	42.68925662	59.44415067
ENSMUSG00000075705	16.97884443	27.82468975	25.42143772	28.9964762	25.06681052
ENSMUSG00000075706	26.88317035	41.04141738	39.54445867	43.49471429	50.84981563
ENSMUSG00000076432	70.03773327	82.77845201	76.97046421	166.7297381	134.6445822
ENSMUSG00000076437	21.22355554	36.86771392	36.71985448	77.32393652	64.45751277
ENSMUSG00000076439	3.537259256	6.956172438	7.061510478	6.443661377	11.45911338
ENSMUSG00000076758	8.489422215	6.956172438	4.236906287	4.832746033	7.87814045
ENSMUSG00000076770	11.31922962	4.869320706	4.236906287	8.054576721	7.87814045
ENSMUSG00000076776	12.73413332	4.173703463	7.767661525	6.443661377	6.445751277
ENSMUSG00000076778	7.781970364	8.347406925	4.943057334	1.610915344	4.297167518
ENSMUSG00000076826	12.02668147	9.043024169	4.236906287	4.832746033	7.161945863
ENSMUSG00000076846	13.44158517	6.260555194	10.59226572	2.416373016	5.013362104
ENSMUSG00000076848	12.73413332	6.260555194	10.59226572	5.638203705	7.161945863
ENSMUSG00000076855	7.781970364	5.56493795	12.71071886	6.443661377	3.580972932
ENSMUSG00000076858	9.904325918	2.782468975	7.061510478	4.832746033	7.87814045
ENSMUSG00000076862	13.44158517	2.782468975	3.530755239	7.249119049	10.7429188
ENSMUSG00000076863	7.074518513	6.956172438	6.35535943	5.638203705	6.445751277
ENSMUSG00000076864	7.781970364	3.478086219	7.061510478	6.443661377	3.580972932
ENSMUSG00000076937	183.9374813	239.2923319	183.5992724	277.0774392	191.9401491
ENSMUSG00000077450	84.1867703	118.2549314	94.6242404	99.87675134	82.36237743
ENSMUSG00000078091	8.489422215	7.651789682	6.35535943	5.638203705	7.161945863
ENSMUSG00000078117	9.196874066	6.956172438	7.061510478	7.249119049	8.594335036
ENSMUSG00000078134	9.904325918	15.99919661	9.179963621	16.10915344	20.05344842
ENSMUSG00000078139	0	0	0	0	0
ENSMUSG00000078154	10.61177777	11.1298759	8.473812573	16.10915344	17.90486466
ENSMUSG00000078160	29.71297775	17.39043109	14.12302096	8.860034393	15.7562809
ENSMUSG00000078161	7.781970364	5.56493795	7.767661525	7.249119049	10.02672421

ENSMUSG00000078184	7.074518513	4.869320706	5.649208382	5.638203705	5.013362104
ENSMUSG00000078186	7.074518513	3.478086219	7.061510478	9.665492065	9.310529622
ENSMUSG00000078193	13.44158517	11.1298759	9.886114669	15.30369577	15.7562809
ENSMUSG00000078240	13.44158517	9.738641413	10.59226572	6.443661377	9.310529622
ENSMUSG00000078308	13.44158517	9.043024169	12.00456781	4.832746033	6.445751277
ENSMUSG00000078349	19.80865184	38.95456565	34.60140134	37.85651059	40.10689684
ENSMUSG00000078350	4.952162959	6.956172438	9.886114669	7.249119049	5.013362104
ENSMUSG00000078384	7.074518513	4.869320706	3.530755239	4.832746033	6.445751277
ENSMUSG00000078440	9.904325918	11.82549314	16.2414741	11.27640741	9.310529622
ENSMUSG00000078444	21.22355554	31.99839321	33.18909925	37.05105292	27.93158887
ENSMUSG00000078452	6.367066661	6.260555194	5.649208382	3.221830688	8.594335036
ENSMUSG00000078485	1.414903703	1.391234488	2.118453143	2.416373016	3.580972932
ENSMUSG00000078495	0.707451851	2.086851731	2.824604191	3.221830688	2.148583759
ENSMUSG00000078497	25.46826665	26.43345526	34.60140134	24.16373016	21.48583759
ENSMUSG00000078498	33.95768886	18.08604834	18.35992724	17.72006879	14.32389173
ENSMUSG00000078500	24.05336294	15.99919661	23.30298458	12.08186508	12.89150255
ENSMUSG00000078502	39.61730367	61.21431745	45.8998181	76.51847885	52.99839939
ENSMUSG00000078510	8.489422215	6.956172438	5.649208382	7.249119049	7.87814045
ENSMUSG00000078517	0	0	0.706151048	2.416373016	0.716194586
ENSMUSG00000078570	65.79302217	99.47326586	90.38733411	253.7191667	207.69643
ENSMUSG00000078588	3.537259256	3.478086219	5.649208382	2.416373016	5.013362104
ENSMUSG00000078598	3.537259256	6.956172438	10.59226572	5.638203705	2.148583759
ENSMUSG00000078619	120.9742666	139.1234488	122.8702823	205.3917064	155.4142252
ENSMUSG00000078625	9.196874066	11.1298759	9.179963621	7.249119049	10.02672421
ENSMUSG00000078626	15.56394073	9.043024169	8.473812573	8.054576721	7.161945863
ENSMUSG00000078656	16.27139258	22.2597518	31.0706461	35.44013757	20.769643
ENSMUSG00000078671	180.4002221	223.9887525	191.3669339	311.7121191	244.2223539
ENSMUSG00000078673	17.68629628	13.21672763	7.767661525	6.443661377	8.594335036
ENSMUSG00000078681	5.65961481	9.738641413	6.35535943	8.860034393	5.013362104
ENSMUSG00000078686	14.85648888	15.30357936	16.2414741	5.638203705	8.594335036
ENSMUSG00000078688	7.781970364	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG00000078706	5.65961481	4.869320706	3.530755239	3.221830688	2.864778345
ENSMUSG00000078722	6.367066661	4.869320706	4.943057334	4.02728836	4.297167518
ENSMUSG00000078762	0	0	0	0	0
ENSMUSG00000078765	49.52162959	61.9099347	54.37363068	57.18749472	54.43078856
ENSMUSG00000078771	0	0	0	0	0
ENSMUSG00000078772	14.85648888	12.52111039	9.179963621	8.054576721	3.580972932
ENSMUSG00000078773	30.4204296	25.04222078	28.95219296	50.74383334	42.97167518
ENSMUSG00000078812	43.86201478	43.12826911	50.84287544	178.8116032	144.6713064
ENSMUSG00000078815	9.196874066	6.956172438	7.061510478	7.249119049	9.310529622
ENSMUSG00000078862	26.1757185	45.91073809	40.95676077	50.74383334	34.37734014
ENSMUSG00000078865	12.02668147	5.56493795	7.767661525	5.638203705	7.87814045
ENSMUSG00000078866	13.44158517	18.78166558	21.89068248	12.88732275	24.35061594

ENSMUSG00000078867	12.02668147	10.43425866	9.179963621	12.88732275	15.7562809
ENSMUSG00000078870	24.76081479	31.30277597	24.00913562	27.38556085	27.21539428
ENSMUSG00000078872	19.10119998	11.82549314	17.65377619	11.27640741	9.310529622
ENSMUSG00000078875	13.44158517	20.17290007	14.12302096	24.16373016	17.18867007
ENSMUSG00000078877	15.56394073	21.56413456	20.47838039	28.9964762	25.06681052
ENSMUSG00000078879	18.39374813	18.08604834	17.65377619	24.16373016	30.08017263
ENSMUSG00000078880	21.22355554	25.73783802	21.18453143	24.96918783	15.7562809
ENSMUSG00000078881	19.10119998	17.39043109	22.59683353	19.33098413	25.78300511
ENSMUSG00000078886	14.85648888	19.47728283	16.2414741	19.33098413	20.769643
ENSMUSG00000078887	12.02668147	22.95536904	26.83373982	26.58010318	22.91822676
ENSMUSG00000078889	12.02668147	11.82549314	20.47838039	18.52552646	5.729556691
ENSMUSG00000078896	15.56394073	20.86851731	19.06607829	24.96918783	21.48583759
ENSMUSG00000078897	12.73413332	25.73783802	24.71528667	24.16373016	18.62105924
ENSMUSG00000078902	7.074518513	8.347406925	11.29841676	5.638203705	5.013362104
ENSMUSG00000078903	16.97884443	29.91154148	28.24604191	30.60739154	27.21539428
ENSMUSG00000078906	6.367066661	5.56493795	10.59226572	7.249119049	8.594335036
ENSMUSG00000078908	38.90985182	50.7800588	45.8998181	73.29664816	50.84981563
ENSMUSG00000078919	2.122355554	4.869320706	4.943057334	6.443661377	8.594335036
ENSMUSG00000078923	159.1766665	194.077211	175.8316109	226.3336059	190.50776
ENSMUSG00000078932	7.074518513	10.43425866	6.35535943	5.638203705	7.87814045
ENSMUSG00000078942	9.904325918	19.47728283	14.829172	7.249119049	13.60769714
ENSMUSG00000078945	18.39374813	25.73783802	10.59226572	14.4982381	15.04008631
ENSMUSG00000078956	5.65961481	4.869320706	8.473812573	4.02728836	7.161945863
ENSMUSG00000078960	0	2.086851731	2.118453143	0.805457672	2.864778345
ENSMUSG00000078972	6.367066661	8.347406925	8.473812573	8.860034393	10.7429188
ENSMUSG00000078974	59.42595551	86.95215547	88.26888097	120.0131931	100.2672421
ENSMUSG00000078995	0.707451851	0	0	0	0.716194586
ENSMUSG00000079001	7.074518513	7.651789682	6.35535943	7.249119049	7.161945863
ENSMUSG00000079012	0	0	0	0	0
ENSMUSG00000079018	7.781970364	13.21672763	10.59226572	34.6346799	30.08017263
ENSMUSG00000079036	115.3146518	186.4254213	140.5240585	318.1557805	269.2891645
ENSMUSG00000079037	0	0	0	0	0
ENSMUSG00000079049	7.074518513	8.347406925	7.061510478	4.02728836	11.45911338
ENSMUSG00000079055	8.489422215	2.782468975	7.767661525	3.221830688	7.87814045
ENSMUSG00000079056	8.489422215	3.478086219	4.943057334	4.02728836	5.013362104
ENSMUSG00000079069	7.074518513	7.651789682	5.649208382	8.860034393	9.310529622
ENSMUSG00000079084	27.5906222	68.17048989	43.78136496	58.79841006	54.43078856
ENSMUSG00000079109	81.3569629	119.6461659	88.97503202	224.7226905	174.7514791
ENSMUSG00000079110	6.367066661	6.956172438	9.179963621	5.638203705	7.87814045
ENSMUSG00000079156	0	0	0	0	0
ENSMUSG00000079165	9.904325918	18.08604834	9.179963621	16.91461111	15.04008631
ENSMUSG00000079173	9.196874066	6.260555194	9.886114669	6.443661377	7.161945863
ENSMUSG00000079183	8.489422215	11.1298759	7.767661525	8.054576721	9.310529622

ENSMUSG00000079184	79.94205919	127.9935729	107.3349593	117.5968201	98.83485292
ENSMUSG00000079197	32.54278516	52.86691053	54.37363068	203.780791	146.8198902
ENSMUSG00000079227	9.196874066	10.43425866	7.061510478	12.08186508	10.7429188
ENSMUSG00000079235	6.367066661	6.956172438	6.35535943	3.221830688	5.013362104
ENSMUSG00000079242	11.31922962	20.86851731	21.89068248	38.66196826	32.22875639
ENSMUSG00000079265	11.31922962	9.738641413	10.59226572	8.054576721	12.17530797
ENSMUSG00000079267	14.14903703	5.56493795	6.35535943	4.02728836	10.02672421
ENSMUSG00000079269	12.73413332	12.52111039	19.77222934	8.860034393	10.7429188
ENSMUSG00000079271	8.489422215	8.347406925	7.767661525	4.832746033	8.594335036
ENSMUSG00000079293	1.414903703	0.695617244	0	1.610915344	0
ENSMUSG00000079316	37.49494812	48.69320706	40.25060972	55.57657937	51.56601022
ENSMUSG00000079317	36.78749627	56.34499675	46.60596915	24.16373016	42.97167518
ENSMUSG00000079324	11.31922962	10.43425866	9.179963621	6.443661377	6.445751277
ENSMUSG00000079387	7.074518513	3.478086219	10.59226572	2.416373016	5.013362104
ENSMUSG00000079389	3.537259256	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000079391	7.781970364	7.651789682	7.767661525	4.02728836	2.864778345
ENSMUSG00000079402	9.196874066	8.347406925	3.530755239	5.638203705	9.310529622
ENSMUSG00000079426	68.62282957	118.9505487	97.44884459	235.1936403	173.3190899
ENSMUSG00000079427	26.88317035	48.69320706	56.49208382	101.4876667	67.32229112
ENSMUSG00000079442	44.56946663	43.82388636	43.07521391	209.4189947	128.198831
ENSMUSG00000079444	0.707451851	0.695617244	2.824604191	0	1.432389173
ENSMUSG00000079450	8.489422215	11.1298759	6.35535943	4.02728836	5.729556691
ENSMUSG00000079460	4.952162959	3.478086219	3.530755239	1.610915344	4.297167518
ENSMUSG00000079462	4.952162959	6.956172438	9.886114669	4.02728836	4.297167518
ENSMUSG00000079469	36.78749627	56.34499675	57.19823487	69.2693598	59.44415067
ENSMUSG00000079481	6.367066661	2.782468975	5.649208382	6.443661377	3.580972932
ENSMUSG00000079484	9.196874066	7.651789682	14.12302096	7.249119049	9.310529622
ENSMUSG00000079487	16.97884443	30.60715873	26.83373982	20.1364418	38.67450766
ENSMUSG00000079507	9.196874066	6.260555194	7.767661525	13.69278043	6.445751277
ENSMUSG00000079509	7.074518513	15.99919661	17.65377619	63.6311561	45.12025894
ENSMUSG00000079553	43.86201478	47.30197258	57.19823487	110.3477011	64.45751277
ENSMUSG00000079557	16.27139258	34.08524495	40.95676077	30.60739154	30.79636721
ENSMUSG00000079560	0	0	0.706151048	0.805457672	0
ENSMUSG00000079564	7.074518513	6.260555194	4.943057334	6.443661377	7.161945863
ENSMUSG00000079608	8.489422215	11.1298759	9.886114669	23.35827249	29.36397804
ENSMUSG00000079610	22.63845924	29.21592424	34.60140134	27.38556085	28.64778345
ENSMUSG00000079620	8.489422215	3.478086219	4.943057334	10.47094974	10.02672421
ENSMUSG00000079626	4.952162959	2.086851731	6.35535943	2.416373016	4.297167518
ENSMUSG00000079636	7.781970364	4.173703463	3.530755239	0.805457672	1.432389173
ENSMUSG00000079637	1.414903703	3.478086219	4.236906287	4.02728836	4.297167518
ENSMUSG00000079642	6.367066661	2.782468975	4.236906287	3.221830688	2.148583759
ENSMUSG00000079657	4.952162959	9.043024169	16.2414741	9.665492065	10.02672421
ENSMUSG00000079662	7.074518513	2.086851731	9.886114669	11.27640741	2.864778345



ENSMUSG00000079685	40.32475552	42.43265187	26.83373982	122.4295662	87.37573953
ENSMUSG00000079694	2.122355554	1.391234488	2.118453143	1.610915344	2.864778345
ENSMUSG00000079703	3.537259256	4.869320706	5.649208382	3.221830688	3.580972932
ENSMUSG00000079716	7.074518513	4.173703463	6.35535943	4.02728836	10.02672421
ENSMUSG00000079806	1.414903703	6.956172438	2.824604191	3.221830688	2.148583759
ENSMUSG00000080316	2.829807405	2.782468975	0.706151048	0.805457672	1.432389173
ENSMUSG00000080717	108.2401332	148.1664729	129.9317928	134.5114312	108.1453825
ENSMUSG00000080727	75.69734809	126.6023384	101.6857509	162.7024498	145.387501
ENSMUSG00000081512	27.5906222	45.91073809	39.54445867	41.07834128	44.40406435
ENSMUSG00000081650	22.63845924	36.86771392	28.24604191	36.24559524	23.63442135
ENSMUSG00000081724	9.196874066	8.347406925	5.649208382	3.221830688	7.161945863
ENSMUSG00000082766	2.829807405	5.56493795	4.943057334	4.832746033	8.594335036
ENSMUSG00000082976	8.489422215	2.782468975	9.179963621	7.249119049	5.729556691
ENSMUSG00000083361	9.196874066	6.956172438	9.886114669	6.443661377	10.02672421
ENSMUSG00000083929	0	0	1.412302096	0.805457672	1.432389173
ENSMUSG00000084128	6.367066661	7.651789682	7.061510478	6.443661377	7.87814045
ENSMUSG00000084945	10.61177777	8.347406925	9.179963621	1.610915344	4.297167518
ENSMUSG00000085858	11.31922962	6.260555194	6.35535943	7.249119049	7.87814045
ENSMUSG00000086112	5.65961481	5.56493795	6.35535943	8.054576721	6.445751277
ENSMUSG00000086147	29.0055259	26.43345526	21.18453143	10.47094974	20.769643
ENSMUSG00000086361	8.489422215	6.260555194	9.179963621	6.443661377	3.580972932
ENSMUSG00000086938	26.88317035	22.2597518	33.89525029	27.38556085	27.93158887
ENSMUSG00000086965	0	2.086851731	0	0.805457672	2.864778345
ENSMUSG00000087153	89.13893326	125.2111039	134.8748501	114.3749894	128.198831
ENSMUSG00000087182	4.244711108	14.60796212	3.530755239	4.832746033	7.161945863
ENSMUSG00000087230	5.65961481	6.956172438	5.649208382	6.443661377	8.594335036
ENSMUSG00000087279	6.367066661	8.347406925	9.179963621	6.443661377	8.594335036
ENSMUSG00000087385	33.25023701	38.25894841	46.60596915	73.29664816	64.45751277
ENSMUSG00000087408	8.489422215	6.956172438	9.886114669	6.443661377	7.87814045
ENSMUSG00000087610	11.31922962	15.99919661	21.89068248	14.4982381	17.18867007
ENSMUSG00000087666	6.367066661	6.956172438	6.35535943	7.249119049	5.729556691
ENSMUSG00000089675	6.367066661	3.478086219	7.767661525	8.054576721	5.729556691
ENSMUSG00000089696	7.781970364	4.173703463	7.767661525	11.27640741	6.445751277
ENSMUSG00000089715	1.414903703	0.695617244	2.118453143	3.221830688	1.432389173
ENSMUSG00000089783	8.489422215	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000089824	0	0	0	0	0
ENSMUSG00000089840	8.489422215	4.869320706	9.886114669	7.249119049	10.02672421
ENSMUSG00000089859	5.65961481	3.478086219	9.179963621	8.054576721	5.013362104
ENSMUSG00000089865	0	0	0	0	0
ENSMUSG00000089872	9.904325918	13.21672763	8.473812573	11.27640741	15.7562809
ENSMUSG00000089901	9.904325918	4.173703463	14.12302096	8.860034393	4.297167518
ENSMUSG00000089922	4.244711108	2.086851731	2.118453143	1.610915344	3.580972932
ENSMUSG00000089945	0	0	0	0	0

ENSMUSG00000089951	9.904325918	15.30357936	17.65377619	18.52552646	13.60769714
ENSMUSG00000090018	4.244711108	4.173703463	3.530755239	1.610915344	4.297167518
ENSMUSG00000090083	0	0	0	0	0
ENSMUSG00000090107	7.074518513	3.478086219	2.118453143	1.610915344	5.013362104
ENSMUSG00000090121	7.781970364	6.260555194	12.71071886	7.249119049	6.445751277
ENSMUSG00000090137	67.20792587	111.298759	103.098053	348.763172	239.2089918
ENSMUSG00000090150	36.78749627	75.82227957	58.61053696	83.7675979	60.16034525
ENSMUSG00000090231	14.14903703	7.651789682	7.061510478	2.416373016	7.87814045
ENSMUSG00000090254	9.904325918	4.173703463	7.061510478	4.832746033	10.7429188
ENSMUSG00000090266	60.84085921	94.60394515	74.14586002	263.3846588	189.0753708
ENSMUSG00000090268	8.489422215	6.956172438	7.767661525	1.610915344	4.297167518
ENSMUSG00000090286	11.31922962	5.56493795	4.236906287	4.02728836	7.87814045
ENSMUSG00000090317	20.51610369	42.43265187	41.66291182	51.54929101	47.2688427
ENSMUSG00000090363	10.61177777	7.651789682	4.943057334	4.02728836	4.297167518
ENSMUSG00000090404	11.31922962	8.347406925	13.41686991	4.832746033	7.87814045
ENSMUSG00000090451	11.31922962	6.956172438	12.00456781	2.416373016	7.161945863
ENSMUSG00000090457	4.952162959	6.260555194	3.530755239	9.665492065	6.445751277
ENSMUSG00000090472	12.02668147	9.043024169	9.179963621	9.665492065	9.310529622
ENSMUSG00000090486	12.02668147	2.782468975	9.179963621	6.443661377	5.729556691
ENSMUSG00000090551	44.56946663	59.12746572	60.02283906	111.9586164	123.1854689
ENSMUSG00000090625	36.08004441	57.73623123	54.37363068	38.66196826	35.09353473
ENSMUSG00000090634	21.22355554	16.69481385	25.42143772	12.88732275	14.32389173
ENSMUSG00000090639	0	0	0	0	0.716194586
ENSMUSG00000090643	9.196874066	9.738641413	7.767661525	4.02728836	6.445751277
ENSMUSG00000090665	4.952162959	8.347406925	5.649208382	3.221830688	3.580972932
ENSMUSG00000090691	10.61177777	11.1298759	7.767661525	4.832746033	6.445751277
ENSMUSG00000090707	12.02668147	8.347406925	8.473812573	5.638203705	7.161945863
ENSMUSG00000090713	19.80865184	15.30357936	16.2414741	11.27640741	9.310529622
ENSMUSG00000090714	11.31922962	10.43425866	9.886114669	4.02728836	7.161945863
ENSMUSG00000090827	8.489422215	6.260555194	4.236906287	5.638203705	7.161945863
ENSMUSG00000090843	7.781970364	6.260555194	7.061510478	1.610915344	2.864778345
ENSMUSG00000090861	87.72402956	107.8206728	93.91808935	218.2790291	159.7113928
ENSMUSG00000090863	7.074518513	6.956172438	6.35535943	7.249119049	5.013362104
ENSMUSG00000090864	10.61177777	11.82549314	9.179963621	9.665492065	10.7429188
ENSMUSG00000090872	7.781970364	6.260555194	11.29841676	4.02728836	7.161945863
ENSMUSG00000090935	0	0	0	0	0
ENSMUSG00000090996	23.34591109	53.56252777	32.4829482	62.82569842	54.43078856
ENSMUSG00000091007	4.952162959	9.043024169	6.35535943	8.054576721	5.013362104
ENSMUSG00000091089	5.65961481	6.260555194	7.061510478	8.054576721	7.161945863
ENSMUSG00000091102	8.489422215	11.1298759	10.59226572	16.91461111	8.594335036
ENSMUSG00000091114	11.31922962	7.651789682	7.061510478	3.221830688	5.013362104
ENSMUSG00000091191	92.67619252	152.3401764	120.0456781	484.8855186	305.8150884
ENSMUSG00000091228	4.244711108	9.738641413	9.179963621	14.4982381	18.62105924

ENSMUSG00000091272	4.244711108	6.260555194	2.824604191	58.79841006	25.06681052
ENSMUSG00000091275	6.367066661	5.56493795	7.767661525	2.416373016	3.580972932
ENSMUSG00000091277	12.73413332	11.82549314	9.886114669	7.249119049	7.87814045
ENSMUSG00000091296	7.781970364	9.738641413	8.473812573	4.02728836	6.445751277
ENSMUSG00000091393	11.31922962	6.956172438	9.179963621	4.832746033	11.45911338
ENSMUSG00000091400	11.31922962	4.869320706	2.824604191	7.249119049	5.729556691
ENSMUSG00000091415	23.34591109	43.12826911	31.77679715	41.07834128	37.95831308
ENSMUSG00000091418	7.074518513	4.869320706	9.179963621	2.416373016	4.297167518
ENSMUSG00000091422	14.14903703	10.43425866	4.943057334	4.02728836	3.580972932
ENSMUSG00000091423	7.074518513	9.738641413	7.767661525	15.30369577	21.48583759
ENSMUSG00000091472	7.781970364	4.869320706	9.886114669	5.638203705	5.013362104
ENSMUSG00000091494	11.31922962	11.82549314	7.767661525	7.249119049	5.729556691
ENSMUSG00000091514	9.196874066	24.34660353	21.89068248	52.35474869	38.67450766
ENSMUSG00000091558	105.4103258	137.7322143	132.756397	82.96214023	83.7947666
ENSMUSG00000091563	7.074518513	5.56493795	7.767661525	6.443661377	4.297167518
ENSMUSG00000091568	8.489422215	6.956172438	7.061510478	3.221830688	9.310529622
ENSMUSG00000091584	7.074518513	3.478086219	10.59226572	4.02728836	5.729556691
ENSMUSG00000091617	11.31922962	12.52111039	12.00456781	4.832746033	8.594335036
ENSMUSG00000091698	4.952162959	11.1298759	10.59226572	4.832746033	6.445751277
ENSMUSG00000091705	9.904325918	15.30357936	12.71071886	17.72006879	20.769643
ENSMUSG00000091733	14.85648888	14.60796212	15.53532305	8.054576721	11.45911338
ENSMUSG00000091744	9.904325918	9.043024169	7.061510478	6.443661377	8.594335036
ENSMUSG00000091756	7.781970364	5.56493795	10.59226572	7.249119049	11.45911338
ENSMUSG00000091792	21.22355554	13.21672763	11.29841676	7.249119049	7.161945863
ENSMUSG00000091831	120.2668147	173.9043109	136.9933033	172.3679418	149.6846685
ENSMUSG00000091890	7.781970364	2.086851731	5.649208382	8.860034393	6.445751277
ENSMUSG00000091900	12.02668147	13.91234488	12.00456781	8.054576721	8.594335036
ENSMUSG00000091908	8.489422215	13.21672763	7.767661525	15.30369577	7.161945863
ENSMUSG00000091922	7.074518513	4.869320706	8.473812573	4.832746033	6.445751277
ENSMUSG00000091938	5.65961481	2.782468975	4.236906287	4.832746033	3.580972932
ENSMUSG00000091955	0	0	0	0.805457672	0
ENSMUSG00000091964	0	0	0	0	0
ENSMUSG00000092021	4.952162959	4.869320706	10.59226572	6.443661377	9.310529622
ENSMUSG00000092071	9.196874066	6.956172438	8.473812573	8.054576721	4.297167518
ENSMUSG00000092072	9.196874066	10.43425866	8.473812573	2.416373016	10.7429188
ENSMUSG00000092073	15.56394073	12.52111039	4.236906287	8.054576721	9.310529622
ENSMUSG00000092124	53.05888884	63.99678643	64.96589639	73.29664816	69.47087488
ENSMUSG00000092130	5.65961481	3.478086219	6.35535943	7.249119049	9.310529622
ENSMUSG00000092137	0	0	0.706151048	1.610915344	0
ENSMUSG00000092232	0	0	0	0.805457672	0
ENSMUSG00000092251	2.829807405	6.260555194	5.649208382	4.832746033	6.445751277
ENSMUSG00000092252	0	0.695617244	0	0	0
ENSMUSG00000092277	126.6338814	167.6437558	153.9409284	222.3063175	186.926787

ENSMUSG00000092310	3.537259256	1.391234488	0	0.805457672	2.148583759
ENSMUSG00000092329	28.29807405	27.82468975	30.36449505	42.68925662	34.37734014
ENSMUSG00000092335	10.61177777	7.651789682	10.59226572	8.054576721	6.445751277
ENSMUSG00000092345	43.15456293	71.64857611	67.79050059	69.2693598	70.18706946
ENSMUSG00000092356	5.65961481	10.43425866	5.649208382	8.054576721	3.580972932
ENSMUSG00000092413	2.829807405	4.173703463	2.824604191	2.416373016	2.864778345
ENSMUSG00000092443	7.781970364	10.43425866	6.35535943	8.860034393	7.161945863
ENSMUSG00000092470	2.829807405	2.086851731	2.824604191	1.610915344	1.432389173
ENSMUSG00000092511	1.414903703	4.173703463	7.061510478	8.860034393	2.148583759
ENSMUSG00000092544	82.7718666	133.5585108	86.15042783	149.0096693	119.6044959
ENSMUSG00000092592	9.196874066	17.39043109	14.829172	4.832746033	11.45911338
ENSMUSG00000092609	4.244711108	6.260555194	9.886114669	4.832746033	8.594335036
ENSMUSG00000093390	108.2401332	116.1680797	131.3440949	139.3441773	123.1854689
ENSMUSG00000093485	0	0	0	0	0
ENSMUSG00000093575	148.5648888	210.0764076	178.6562151	133.7059736	135.3607768
ENSMUSG00000093639	0	0	0	0	0
ENSMUSG00000093752	8.489422215	20.86851731	12.00456781	24.16373016	14.32389173
ENSMUSG00000093812	9.196874066	2.782468975	6.35535943	4.832746033	5.013362104
ENSMUSG00000093898	9.904325918	10.43425866	10.59226572	6.443661377	7.161945863
ENSMUSG00000093908	5.65961481	11.82549314	16.94762515	10.47094974	7.87814045
ENSMUSG00000093945	15.56394073	9.043024169	9.179963621	8.054576721	7.87814045
ENSMUSG00000093954	48.10672589	65.38802092	72.02740687	67.65844446	69.47087488
ENSMUSG00000094023	9.904325918	8.347406925	6.35535943	6.443661377	9.310529622
ENSMUSG00000094025	11.31922962	6.260555194	15.53532305	6.443661377	7.161945863
ENSMUSG00000094083	12.73413332	6.956172438	6.35535943	3.221830688	7.161945863
ENSMUSG00000094135	3.537259256	5.56493795	2.824604191	2.416373016	1.432389173
ENSMUSG00000094176	4.244711108	6.260555194	4.236906287	3.221830688	4.297167518
ENSMUSG00000094181	4.244711108	7.651789682	3.530755239	2.416373016	5.013362104
ENSMUSG00000094212	8.489422215	11.1298759	12.71071886	5.638203705	9.310529622
ENSMUSG00000094220	9.196874066	6.260555194	3.530755239	1.610915344	5.729556691
ENSMUSG00000094258	14.14903703	9.738641413	9.886114669	5.638203705	11.45911338
ENSMUSG00000094370	5.65961481	8.347406925	8.473812573	2.416373016	5.729556691
ENSMUSG00000094410	0	2.782468975	0	0.805457672	0.716194586
ENSMUSG00000094421	37.49494812	31.30277597	33.89525029	22.55281482	22.91822676
ENSMUSG00000094429	5.65961481	6.260555194	4.943057334	1.610915344	6.445751277
ENSMUSG00000094439	7.074518513	4.173703463	7.767661525	5.638203705	6.445751277
ENSMUSG00000094468	5.65961481	6.260555194	6.35535943	4.02728836	8.594335036
ENSMUSG00000094487	19.10119998	29.91154148	28.95219296	23.35827249	26.49919969
ENSMUSG00000094556	3.537259256	5.56493795	4.236906287	4.02728836	3.580972932
ENSMUSG00000094562	12.02668147	6.260555194	8.473812573	5.638203705	9.310529622
ENSMUSG00000094628	7.781970364	7.651789682	5.649208382	7.249119049	5.729556691
ENSMUSG00000094634	9.904325918	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG00000094679	4.952162959	8.347406925	9.179963621	3.221830688	6.445751277

ENSMUSG00000094685	6.367066661	6.956172438	10.59226572	7.249119049	7.161945863
ENSMUSG00000094706	6.367066661	9.738641413	7.061510478	10.47094974	10.02672421
ENSMUSG00000094715	13.44158517	8.347406925	11.29841676	7.249119049	5.013362104
ENSMUSG00000094763	7.074518513	18.78166558	9.179963621	13.69278043	10.7429188
ENSMUSG00000094766	10.61177777	8.347406925	5.649208382	5.638203705	9.310529622
ENSMUSG00000094773	6.367066661	5.56493795	4.943057334	1.610915344	2.148583759
ENSMUSG00000094782	9.904325918	4.869320706	4.236906287	2.416373016	2.148583759
ENSMUSG00000094789	7.781970364	4.869320706	4.943057334	2.416373016	2.148583759
ENSMUSG00000094792	9.196874066	5.56493795	12.00456781	4.832746033	6.445751277
ENSMUSG00000094828	9.196874066	5.56493795	7.767661525	2.416373016	6.445751277
ENSMUSG00000094841	7.074518513	6.260555194	10.59226572	3.221830688	6.445751277
ENSMUSG00000094913	6.367066661	6.260555194	10.59226572	4.832746033	7.87814045
ENSMUSG00000094929	8.489422215	6.260555194	5.649208382	3.221830688	5.729556691
ENSMUSG00000094935	30.4204296	36.17209668	34.60140134	28.19101852	22.20203218
ENSMUSG00000094958	9.904325918	6.956172438	9.179963621	9.665492065	8.594335036
ENSMUSG00000094992	7.074518513	2.782468975	7.767661525	6.443661377	8.594335036
ENSMUSG00000095011	5.65961481	4.173703463	7.767661525	3.221830688	3.580972932
ENSMUSG00000095024	11.31922962	7.651789682	13.41686991	7.249119049	3.580972932
ENSMUSG00000095088	3.537259256	4.869320706	6.35535943	2.416373016	2.148583759
ENSMUSG00000095110	7.074518513	2.086851731	4.943057334	6.443661377	3.580972932
ENSMUSG00000095126	5.65961481	9.738641413	5.649208382	2.416373016	5.013362104
ENSMUSG00000095135	7.074518513	4.869320706	7.767661525	3.221830688	0.716194586
ENSMUSG00000095141	4.244711108	6.260555194	2.118453143	2.416373016	2.148583759
ENSMUSG00000095195	9.196874066	8.347406925	7.061510478	4.02728836	0
ENSMUSG00000095224	9.904325918	4.173703463	4.943057334	4.02728836	1.432389173
ENSMUSG00000095263	12.73413332	4.869320706	7.061510478	3.221830688	4.297167518
ENSMUSG00000095293	4.952162959	4.869320706	6.35535943	0.805457672	4.297167518
ENSMUSG00000095318	9.196874066	4.869320706	10.59226572	10.47094974	7.87814045
ENSMUSG00000095332	166.251185	185.0341868	163.120892	95.84946298	108.1453825
ENSMUSG00000095385	9.196874066	5.56493795	9.179963621	6.443661377	13.60769714
ENSMUSG00000095387	13.44158517	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG00000095403	128.7562369	194.7728283	179.3623661	260.1628281	228.466073
ENSMUSG00000095412	7.074518513	6.260555194	6.35535943	4.02728836	4.297167518
ENSMUSG00000095415	8.489422215	4.869320706	9.886114669	6.443661377	3.580972932
ENSMUSG00000095426	11.31922962	4.173703463	9.886114669	1.610915344	4.297167518
ENSMUSG00000095439	5.65961481	7.651789682	6.35535943	4.832746033	2.148583759
ENSMUSG00000095464	0.707451851	0.695617244	0	3.221830688	0
ENSMUSG00000095538	0	0	0	0	0
ENSMUSG00000095578	5.65961481	3.478086219	2.118453143	3.221830688	5.013362104
ENSMUSG00000095640	3.537259256	6.956172438	2.824604191	5.638203705	3.580972932
ENSMUSG00000095642	7.074518513	3.478086219	0.706151048	4.832746033	1.432389173
ENSMUSG00000095673	4.952162959	5.56493795	2.118453143	0.805457672	4.297167518
ENSMUSG00000095681	7.781970364	5.56493795	7.767661525	4.02728836	7.161945863

ENSMUSG00000095686	16.27139258	9.738641413	7.061510478	4.832746033	5.013362104
ENSMUSG00000095689	14.85648888	4.173703463	6.35535943	5.638203705	5.013362104
ENSMUSG00000095711	12.02668147	7.651789682	6.35535943	6.443661377	7.87814045
ENSMUSG00000095832	2.122355554	0.695617244	2.118453143	0	0.716194586
ENSMUSG00000095854	10.61177777	8.347406925	6.35535943	9.665492065	7.87814045
ENSMUSG00000095936	4.244711108	5.56493795	7.767661525	6.443661377	2.148583759
ENSMUSG00000095958	4.952162959	5.56493795	2.824604191	4.832746033	15.7562809
ENSMUSG00000096023	10.61177777	11.1298759	8.473812573	7.249119049	12.17530797
ENSMUSG00000096024	6.367066661	6.956172438	9.179963621	7.249119049	8.594335036
ENSMUSG00000096096	5.65961481	5.56493795	6.35535943	4.02728836	9.310529622
ENSMUSG00000096138	7.074518513	6.260555194	4.943057334	5.638203705	5.013362104
ENSMUSG00000096149	7.074518513	5.56493795	3.530755239	4.832746033	2.148583759
ENSMUSG00000096153	2.122355554	3.478086219	2.824604191	2.416373016	2.864778345
ENSMUSG00000096178	5.65961481	4.173703463	2.824604191	0.805457672	3.580972932
ENSMUSG00000096218	9.904325918	9.043024169	13.41686991	3.221830688	2.864778345
ENSMUSG00000096221	17.68629628	12.52111039	16.94762515	11.27640741	13.60769714
ENSMUSG00000096223	4.952162959	4.869320706	3.530755239	4.02728836	4.297167518
ENSMUSG00000096294	7.074518513	6.956172438	9.886114669	2.416373016	3.580972932
ENSMUSG00000096397	10.61177777	9.043024169	6.35535943	2.416373016	7.161945863
ENSMUSG00000096403	12.73413332	7.651789682	9.179963621	12.08186508	14.32389173
ENSMUSG00000096417	9.196874066	3.478086219	9.179963621	4.832746033	7.161945863
ENSMUSG00000096426	6.367066661	5.56493795	3.530755239	3.221830688	3.580972932
ENSMUSG00000096457	3.537259256	2.782468975	1.412302096	0.805457672	3.580972932
ENSMUSG00000096470	11.31922962	5.56493795	10.59226572	4.02728836	10.02672421
ENSMUSG00000096478	4.244711108	5.56493795	7.061510478	5.638203705	5.013362104
ENSMUSG00000096528	9.196874066	7.651789682	8.473812573	7.249119049	7.87814045
ENSMUSG00000096553	9.196874066	9.043024169	9.179963621	4.02728836	5.729556691
ENSMUSG00000096573	4.244711108	6.260555194	9.179963621	7.249119049	7.161945863
ENSMUSG00000096574	4.244711108	6.260555194	9.886114669	8.860034393	10.02672421
ENSMUSG00000096600	9.196874066	10.43425866	8.473812573	6.443661377	6.445751277
ENSMUSG00000096611	10.61177777	4.869320706	4.943057334	7.249119049	5.729556691
ENSMUSG00000096626	7.781970364	4.869320706	7.767661525	3.221830688	8.594335036
ENSMUSG00000096653	10.61177777	7.651789682	8.473812573	7.249119049	7.161945863
ENSMUSG00000096656	9.904325918	11.1298759	9.886114669	10.47094974	2.864778345
ENSMUSG00000096678	17.68629628	9.043024169	7.767661525	1.610915344	7.161945863
ENSMUSG00000096687	6.367066661	4.173703463	5.649208382	8.860034393	7.161945863
ENSMUSG00000096706	3.537259256	4.173703463	1.412302096	1.610915344	1.432389173
ENSMUSG00000096746	12.73413332	7.651789682	8.473812573	5.638203705	8.594335036
ENSMUSG00000096793	6.367066661	5.56493795	5.649208382	4.832746033	2.864778345
ENSMUSG00000096796	4.952162959	5.56493795	7.061510478	5.638203705	6.445751277
ENSMUSG00000096839	9.904325918	7.651789682	9.886114669	6.443661377	12.17530797
ENSMUSG00000096846	9.196874066	8.347406925	7.061510478	9.665492065	7.161945863
ENSMUSG00000096900	11.31922962	3.478086219	4.943057334	5.638203705	2.148583759

ENSMUSG00000096901	10.61177777	6.956172438	11.29841676	9.665492065	3.580972932
ENSMUSG00000096908	8.489422215	10.43425866	6.35535943	6.443661377	3.580972932
ENSMUSG00000096930	6.367066661	4.869320706	4.236906287	4.832746033	7.161945863
ENSMUSG00000096968	40.32475552	59.82308296	54.37363068	125.6513968	107.429188
ENSMUSG00000097061	36.08004441	58.43184848	47.3121202	168.3406535	129.6312201
ENSMUSG00000097078	69.33028142	101.5601176	70.61510478	91.01671695	81.64618284
ENSMUSG00000097148	8.489422215	4.173703463	4.236906287	9.665492065	6.445751277
ENSMUSG00000097185	77.81970364	96.69079689	93.91808935	114.3749894	98.11865833
ENSMUSG00000097187	6.367066661	3.478086219	4.236906287	6.443661377	4.297167518
ENSMUSG00000097198	9.196874066	4.173703463	9.886114669	6.443661377	5.013362104
ENSMUSG00000097239	1.414903703	0	0.706151048	0	0
ENSMUSG00000097293	7.074518513	7.651789682	8.473812573	4.02728836	5.013362104
ENSMUSG00000097386	4.952162959	9.043024169	5.649208382	4.02728836	4.297167518
ENSMUSG00000097405	10.61177777	6.260555194	7.767661525	8.054576721	5.729556691
ENSMUSG00000097407	70.74518513	116.1680797	78.3827663	198.1425873	172.6028953
ENSMUSG00000097411	34.66514071	50.08444155	50.84287544	99.07129367	78.06520991
ENSMUSG00000097421	7.781970364	3.478086219	6.35535943	8.054576721	4.297167518
ENSMUSG00000097481	4.244711108	8.347406925	10.59226572	8.860034393	4.297167518
ENSMUSG00000097565	0	0	0	0	0
ENSMUSG00000097581	10.61177777	9.043024169	7.061510478	4.832746033	10.7429188
ENSMUSG00000097643	53.05888884	64.69240367	71.32125582	50.74383334	52.2822048
ENSMUSG00000097706	39.61730367	63.99678643	54.37363068	53.16020636	68.75468029
ENSMUSG00000097821	8.489422215	4.869320706	11.29841676	9.665492065	8.594335036
ENSMUSG00000097871	7.074518513	5.56493795	11.29841676	4.02728836	12.17530797
ENSMUSG00000098140	2.122355554	2.782468975	4.943057334	4.832746033	2.864778345
ENSMUSG00000098164	14.85648888	29.91154148	24.00913562	22.55281482	30.79636721
ENSMUSG00000098374	5.65961481	6.260555194	2.118453143	4.02728836	3.580972932
ENSMUSG00000098530	1.414903703	1.391234488	2.118453143	2.416373016	1.432389173
ENSMUSG00000098692	2.122355554	2.086851731	1.412302096	0	0
ENSMUSG00000098715	0	0.695617244	0	0	0
ENSMUSG00000098773	9.196874066	7.651789682	8.473812573	11.27640741	6.445751277
ENSMUSG00000098781	3.537259256	3.478086219	2.824604191	0	0
ENSMUSG00000098847	0	0	0	0	0
ENSMUSG00000098950	0.707451851	3.478086219	1.412302096	0.805457672	0.716194586
ENSMUSG00000099009	0	0.695617244	0	0	0
ENSMUSG00000099041	52.35143699	82.08283477	86.85657888	39.46742593	40.10689684
ENSMUSG00000099216	9.196874066	9.738641413	8.473812573	5.638203705	9.310529622
ENSMUSG00000099515	69.33028142	114.7768452	93.21193831	70.88027514	77.34901533
ENSMUSG00000099530	0.707451851	0.695617244	0	0	0
ENSMUSG00000099550	4.952162959	5.56493795	2.118453143	3.221830688	4.297167518
ENSMUSG00000099703	0	0	0	0	0
ENSMUSG00000099740	7.074518513	4.173703463	6.35535943	2.416373016	2.148583759
ENSMUSG00000099792	11.31922962	6.956172438	0.706151048	5.638203705	4.297167518

ENSMUSG0000099861	4.952162959	4.869320706	7.061510478	4.832746033	3.580972932
ENSMUSG0000099908	0	0	0	0	0
ENSMUSG0000099913	0	4.173703463	0.706151048	2.416373016	0.716194586
ENSMUSG0000099925	5.65961481	5.56493795	5.649208382	4.02728836	1.432389173
ENSMUSG00000100010	12.73413332	5.56493795	7.061510478	4.02728836	7.161945863
ENSMUSG00000100032	7.074518513	5.56493795	5.649208382	0.805457672	5.013362104
ENSMUSG00000100231	3.537259256	1.391234488	8.473812573	3.221830688	7.161945863
ENSMUSG00000100235	12.02668147	29.91154148	21.89068248	16.10915344	21.48583759
ENSMUSG00000100265	9.904325918	11.82549314	9.179963621	4.02728836	3.580972932
ENSMUSG00000100305	9.196874066	10.43425866	6.35535943	5.638203705	7.87814045
ENSMUSG00000100327	0.707451851	0	1.412302096	0.805457672	0
ENSMUSG00000100467	8.489422215	9.738641413	6.35535943	7.249119049	6.445751277
ENSMUSG00000100608	5.65961481	5.56493795	2.824604191	4.02728836	2.148583759
ENSMUSG00000100617	10.61177777	9.043024169	4.943057334	2.416373016	10.02672421
ENSMUSG00000100634	4.244711108	4.173703463	4.943057334	0	5.013362104
ENSMUSG00000100642	3.537259256	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000100667	5.65961481	6.260555194	7.061510478	2.416373016	5.013362104
ENSMUSG00000100679	0	1.391234488	0	0	0
ENSMUSG00000100704	0.707451851	0	0	0	0
ENSMUSG00000100708	6.367066661	8.347406925	8.473812573	3.221830688	3.580972932
ENSMUSG00000100725	2.122355554	2.086851731	4.943057334	8.860034393	6.445751277
ENSMUSG00000100726	6.367066661	1.391234488	7.061510478	3.221830688	2.864778345
ENSMUSG00000100963	0	0	0	0	0
ENSMUSG00000100967	24.05336294	31.30277597	25.42143772	44.30017197	45.83645353
ENSMUSG00000101243	4.244711108	3.478086219	4.236906287	2.416373016	5.013362104
ENSMUSG00000101298	0	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG00000101303	13.44158517	4.869320706	3.530755239	2.416373016	5.013362104
ENSMUSG00000101373	12.73413332	7.651789682	9.886114669	5.638203705	5.729556691
ENSMUSG00000101384	13.44158517	6.260555194	9.886114669	4.02728836	11.45911338
ENSMUSG00000101396	5.65961481	4.173703463	4.236906287	1.610915344	5.013362104
ENSMUSG00000101399	6.367066661	3.478086219	8.473812573	2.416373016	5.729556691
ENSMUSG00000101415	9.196874066	11.1298759	10.59226572	4.832746033	10.7429188
ENSMUSG00000101471	7.781970364	0.695617244	7.767661525	4.832746033	3.580972932
ENSMUSG00000101523	0	0	0	0	0
ENSMUSG00000101528	6.367066661	4.869320706	5.649208382	1.610915344	7.87814045
ENSMUSG00000101554	11.31922962	8.347406925	7.061510478	8.860034393	4.297167518
ENSMUSG00000101638	8.489422215	9.043024169	4.943057334	6.443661377	8.594335036
ENSMUSG00000101641	8.489422215	5.56493795	7.767661525	6.443661377	7.87814045
ENSMUSG00000101653	7.074518513	3.478086219	6.35535943	4.832746033	2.148583759
ENSMUSG00000101667	7.781970364	4.173703463	7.061510478	3.221830688	5.013362104
ENSMUSG00000101678	14.14903703	11.82549314	11.29841676	13.69278043	15.7562809
ENSMUSG00000101725	0	0	0	0	0
ENSMUSG00000101894	9.196874066	12.52111039	9.179963621	4.02728836	4.297167518



ENSMUSG00000101904	19.80865184	12.52111039	21.89068248	24.16373016	32.94495097
ENSMUSG00000101915	4.952162959	4.173703463	4.236906287	3.221830688	2.148583759
ENSMUSG00000102030	7.781970364	6.260555194	4.236906287	4.02728836	2.864778345
ENSMUSG00000102045	3.537259256	1.391234488	5.649208382	0.805457672	7.161945863
ENSMUSG00000000031	0.707451851	0.695617244	1.412302096	0.805457672	2.864778345
ENSMUSG00000000606	9.904325918	11.82549314	9.179963621	3.221830688	7.161945863
ENSMUSG00000001027	8.489422215	7.651789682	5.649208382	5.638203705	8.594335036
ENSMUSG00000001819	5.65961481	4.869320706	6.35535943	3.221830688	9.310529622
ENSMUSG00000002791	7.074518513	4.869320706	12.71071886	4.02728836	7.87814045
ENSMUSG00000005533	4.244711108	6.260555194	10.59226572	5.638203705	4.297167518
ENSMUSG00000006462	2.829807405	5.56493795	4.236906287	15.30369577	10.7429188
ENSMUSG00000006638	12.02668147	29.91154148	21.18453143	20.94189947	17.18867007
ENSMUSG00000007440	4.244711108	6.260555194	4.236906287	8.860034393	9.310529622
ENSMUSG00000008874	7.781970364	6.260555194	5.649208382	7.249119049	9.310529622
ENSMUSG00000009047	9.196874066	6.260555194	7.767661525	4.832746033	5.013362104
ENSMUSG00000010492	133.000948	172.5130765	148.29172	86.18397091	97.40246374
ENSMUSG00000011052	33.25023701	48.69320706	50.84287544	56.38203705	61.59273443
ENSMUSG00000011350	4.952162959	7.651789682	5.649208382	6.443661377	5.729556691
ENSMUSG00000013083	9.196874066	6.260555194	4.236906287	8.860034393	8.594335036
ENSMUSG00000013338	8.489422215	6.956172438	6.35535943	3.221830688	5.729556691
ENSMUSG00000014245	60.13340736	88.34338996	84.03197468	172.3679418	156.1304198
ENSMUSG00000015451	4.952162959	8.347406925	4.236906287	6.443661377	9.310529622
ENSMUSG00000016356	7.781970364	4.869320706	4.943057334	3.221830688	5.013362104
ENSMUSG00000018451	9.196874066	9.043024169	5.649208382	7.249119049	5.729556691
ENSMUSG00000019836	12.02668147	7.651789682	14.12302096	17.72006879	14.32389173
ENSMUSG00000019856	7.074518513	7.651789682	6.35535943	6.443661377	10.02672421
ENSMUSG00000019907	104.702874	127.9935729	132.0502459	178.8116032	156.1304198
ENSMUSG00000019933	8.489422215	6.260555194	7.061510478	6.443661377	8.594335036
ENSMUSG00000020033	7.781970364	8.347406925	7.061510478	4.832746033	9.310529622
ENSMUSG00000020090	6.367066661	11.1298759	8.473812573	4.02728836	4.297167518
ENSMUSG00000020164	12.02668147	4.173703463	7.061510478	6.443661377	5.729556691
ENSMUSG00000020168	12.02668147	6.260555194	4.943057334	6.443661377	6.445751277
ENSMUSG00000020181	9.904325918	6.260555194	8.473812573	4.832746033	10.7429188
ENSMUSG00000020308	25.46826665	39.6501829	35.30755239	33.82922223	30.08017263
ENSMUSG00000020327	8.489422215	11.1298759	12.71071886	17.72006879	8.594335036
ENSMUSG00000020420	52.35143699	67.47487265	54.37363068	53.96566403	54.43078856
ENSMUSG00000020624	13.44158517	3.478086219	6.35535943	5.638203705	5.013362104
ENSMUSG00000020992	6.367066661	13.91234488	17.65377619	9.665492065	8.594335036
ENSMUSG00000021010	8.489422215	8.347406925	4.236906287	5.638203705	5.013362104
ENSMUSG00000021101	9.196874066	4.173703463	4.943057334	8.054576721	7.161945863
ENSMUSG00000021268	0.707451851	1.391234488	0	0	0.716194586
ENSMUSG00000021448	10.61177777	4.869320706	11.29841676	7.249119049	6.445751277
ENSMUSG00000021466	16.97884443	20.17290007	26.12758877	291.5756773	214.1421813

ENSMUSG00000021566	2.122355554	14.60796212	8.473812573	4.832746033	9.310529622
ENSMUSG00000021631	11.31922962	4.869320706	8.473812573	8.054576721	5.013362104
ENSMUSG00000021679	9.196874066	4.869320706	5.649208382	8.054576721	8.594335036
ENSMUSG00000021704	5.65961481	10.43425866	14.12302096	15.30369577	20.769643
ENSMUSG00000021720	9.196874066	13.21672763	7.061510478	4.02728836	6.445751277
ENSMUSG00000021741	4.952162959	6.956172438	7.061510478	6.443661377	3.580972932
ENSMUSG00000021874	13.44158517	7.651789682	10.59226572	5.638203705	7.161945863
ENSMUSG00000021927	9.196874066	9.043024169	13.41686991	13.69278043	11.45911338
ENSMUSG00000021982	43.15456293	65.38802092	47.3121202	41.07834128	59.44415067
ENSMUSG00000022116	9.904325918	9.738641413	7.061510478	4.02728836	5.729556691
ENSMUSG00000022187	7.074518513	5.56493795	7.767661525	4.832746033	9.310529622
ENSMUSG00000022494	9.196874066	3.478086219	9.179963621	4.832746033	7.161945863
ENSMUSG00000022639	21.93100739	40.34580014	43.78136496	18.52552646	20.769643
ENSMUSG00000022672	38.20239997	58.43184848	40.95676077	77.32393652	83.7947666
ENSMUSG00000022915	53.05888884	65.38802092	67.79050059	23.35827249	33.66114556
ENSMUSG00000023093	7.781970364	12.52111039	7.767661525	4.832746033	5.013362104
ENSMUSG00000023387	13.44158517	6.260555194	9.886114669	5.638203705	5.729556691
ENSMUSG00000023473	8.489422215	5.56493795	6.35535943	5.638203705	4.297167518
ENSMUSG00000023737	14.14903703	17.39043109	16.2414741	53.96566403	35.80972932
ENSMUSG00000023795	29.71297775	28.52030699	21.18453143	30.60739154	30.08017263
ENSMUSG00000024205	12.02668147	6.260555194	11.29841676	13.69278043	9.310529622
ENSMUSG00000024295	5.65961481	4.869320706	4.236906287	7.249119049	4.297167518
ENSMUSG00000024437	9.196874066	9.043024169	16.94762515	7.249119049	12.17530797
ENSMUSG00000024459	8.489422215	6.260555194	6.35535943	6.443661377	9.310529622
ENSMUSG00000024546	10.61177777	8.347406925	8.473812573	4.02728836	2.864778345
ENSMUSG00000024658	15.56394073	18.08604834	17.65377619	31.41284921	28.64778345
ENSMUSG00000024761	11.31922962	5.56493795	8.473812573	4.832746033	5.013362104
ENSMUSG00000024790	14.85648888	22.2597518	24.71528667	61.21478308	47.98503729
ENSMUSG00000024845	116.7295555	141.2103005	147.585569	151.4260424	109.5777717
ENSMUSG00000024889	7.781970364	9.738641413	7.061510478	13.69278043	10.02672421
ENSMUSG00000025006	12.02668147	5.56493795	9.179963621	4.02728836	5.729556691
ENSMUSG00000025201	14.85648888	9.043024169	8.473812573	11.27640741	4.297167518
ENSMUSG00000025370	8.489422215	7.651789682	7.767661525	3.221830688	3.580972932
ENSMUSG00000025450	12.02668147	19.47728283	24.00913562	16.91461111	14.32389173
ENSMUSG00000025644	6.367066661	6.260555194	8.473812573	4.832746033	10.7429188
ENSMUSG00000025839	8.489422215	10.43425866	9.179963621	3.221830688	10.02672421
ENSMUSG00000025922	9.904325918	7.651789682	7.061510478	5.638203705	13.60769714
ENSMUSG00000025936	7.781970364	8.347406925	6.35535943	5.638203705	6.445751277
ENSMUSG00000026162	5.65961481	9.738641413	11.29841676	7.249119049	5.729556691
ENSMUSG00000026527	9.196874066	8.347406925	1.412302096	7.249119049	5.013362104
ENSMUSG00000026574	8.489422215	7.651789682	7.061510478	4.832746033	5.013362104
ENSMUSG00000026575	12.02668147	20.17290007	11.29841676	6.443661377	6.445751277
ENSMUSG00000026609	4.244711108	7.651789682	6.35535943	8.054576721	5.729556691

ENSMUSG00000026818	7.074518513	4.869320706	4.943057334	4.832746033	13.60769714
ENSMUSG00000027196	11.31922962	6.260555194	10.59226572	6.443661377	4.297167518
ENSMUSG00000027304	72.86754068	109.2119073	74.85201106	89.4058016	75.91662615
ENSMUSG00000027316	7.074518513	4.869320706	2.824604191	4.02728836	2.864778345
ENSMUSG00000027345	10.61177777	8.347406925	5.649208382	11.27640741	7.161945863
ENSMUSG00000027667	43.86201478	69.56172438	65.67204744	70.07481747	66.60609653
ENSMUSG00000027694	12.02668147	12.52111039	11.29841676	7.249119049	9.310529622
ENSMUSG00000027806	65.08557032	93.21271067	115.1026208	264.1901164	236.3442135
ENSMUSG00000027824	9.904325918	10.43425866	6.35535943	6.443661377	7.161945863
ENSMUSG00000028009	9.196874066	4.173703463	7.061510478	4.832746033	5.729556691
ENSMUSG00000028174	14.14903703	7.651789682	8.473812573	4.832746033	8.594335036
ENSMUSG00000028177	3.537259256	11.1298759	8.473812573	8.860034393	7.87814045
ENSMUSG00000028244	7.781970364	13.91234488	4.943057334	6.443661377	5.013362104
ENSMUSG00000028407	67.91537772	93.21271067	90.38733411	161.0915344	142.5227227
ENSMUSG00000028475	4.244711108	3.478086219	2.824604191	3.221830688	5.729556691
ENSMUSG00000028590	5.65961481	8.347406925	3.530755239	6.443661377	7.87814045
ENSMUSG00000028612	7.074518513	4.869320706	5.649208382	16.91461111	12.17530797
ENSMUSG00000028804	6.367066661	5.56493795	7.061510478	6.443661377	3.580972932
ENSMUSG00000029092	9.904325918	4.869320706	8.473812573	7.249119049	7.87814045
ENSMUSG00000029112	9.196874066	5.56493795	4.943057334	3.221830688	4.297167518
ENSMUSG00000029156	9.904325918	13.91234488	12.00456781	13.69278043	12.89150255
ENSMUSG00000029184	7.781970364	8.347406925	9.886114669	2.416373016	6.445751277
ENSMUSG00000029331	0	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG00000029386	12.02668147	4.869320706	5.649208382	5.638203705	7.161945863
ENSMUSG00000029410	8.489422215	13.91234488	6.35535943	7.249119049	1.432389173
ENSMUSG00000029447	7.781970364	16.69481385	15.53532305	26.58010318	22.20203218
ENSMUSG00000029633	13.44158517	4.173703463	10.59226572	4.832746033	6.445751277
ENSMUSG00000029675	12.73413332	2.086851731	6.35535943	3.221830688	9.310529622
ENSMUSG00000029797	9.904325918	6.956172438	4.236906287	6.443661377	8.594335036
ENSMUSG00000029837	9.196874066	7.651789682	8.473812573	8.860034393	2.864778345
ENSMUSG00000029885	12.02668147	7.651789682	12.00456781	4.02728836	8.594335036
ENSMUSG00000030178	7.074518513	5.56493795	5.649208382	4.02728836	6.445751277
ENSMUSG00000030194	12.73413332	13.21672763	7.061510478	4.02728836	2.864778345
ENSMUSG00000030196	4.952162959	9.043024169	9.886114669	3.221830688	5.729556691
ENSMUSG00000030363	10.61177777	9.043024169	9.886114669	12.88732275	8.594335036
ENSMUSG00000030397	60.84085921	84.1696865	84.03197468	45.10562964	52.2822048
ENSMUSG00000030424	9.196874066	27.12907251	24.00913562	16.91461111	20.769643
ENSMUSG00000030486	11.31922962	3.478086219	12.71071886	1.610915344	9.310529622
ENSMUSG00000030604	23.34591109	32.69401046	37.42600553	17.72006879	19.33725383
ENSMUSG00000030623	14.85648888	3.478086219	9.886114669	6.443661377	7.87814045
ENSMUSG00000030651	2.829807405	3.478086219	10.59226572	2.416373016	6.445751277
ENSMUSG00000030664	9.196874066	4.869320706	5.649208382	6.443661377	5.013362104
ENSMUSG00000030804	0.707451851	0.695617244	0	0.805457672	0

ENSMUSG00000031016	22.63845924	38.25894841	30.36449505	201.364418	150.4008631
ENSMUSG00000031085	6.367066661	6.260555194	9.179963621	4.832746033	7.161945863
ENSMUSG00000031138	5.65961481	6.956172438	2.824604191	1.610915344	4.297167518
ENSMUSG00000031290	2.829807405	4.173703463	4.943057334	0	2.864778345
ENSMUSG00000031294	9.904325918	3.478086219	7.767661525	6.443661377	11.45911338
ENSMUSG00000031303	3.537259256	4.869320706	5.649208382	2.416373016	1.432389173
ENSMUSG00000031325	4.952162959	4.869320706	7.061510478	4.832746033	7.87814045
ENSMUSG00000031497	9.904325918	5.56493795	7.767661525	8.054576721	10.7429188
ENSMUSG00000031510	8.489422215	5.56493795	6.35535943	3.221830688	6.445751277
ENSMUSG00000031736	5.65961481	6.956172438	7.767661525	7.249119049	2.148583759
ENSMUSG00000031884	12.02668147	6.956172438	4.943057334	7.249119049	6.445751277
ENSMUSG00000032048	10.61177777	5.56493795	9.886114669	10.47094974	8.594335036
ENSMUSG00000032087	9.196874066	4.869320706	3.530755239	8.860034393	6.445751277
ENSMUSG00000032192	7.781970364	6.260555194	8.473812573	4.832746033	8.594335036
ENSMUSG00000032212	42.447111108	72.34419335	61.43514116	99.87675134	80.92998826
ENSMUSG00000032338	5.65961481	4.173703463	6.35535943	7.249119049	3.580972932
ENSMUSG00000032443	21.22355554	32.69401046	30.36449505	41.88379895	41.53928601
ENSMUSG00000032937	13.44158517	4.869320706	7.061510478	4.832746033	5.013362104
ENSMUSG00000032987	7.781970364	9.043024169	6.35535943	7.249119049	3.580972932
ENSMUSG00000033015	8.489422215	12.52111039	4.943057334	6.443661377	6.445751277
ENSMUSG00000033036	11.31922962	12.52111039	19.06607829	13.69278043	9.310529622
ENSMUSG00000033327	9.904325918	8.347406925	6.35535943	7.249119049	10.02672421
ENSMUSG00000033343	4.952162959	6.260555194	2.824604191	3.221830688	7.161945863
ENSMUSG00000033508	9.904325918	8.347406925	4.943057334	8.860034393	5.013362104
ENSMUSG00000033618	6.367066661	7.651789682	6.35535943	5.638203705	6.445751277
ENSMUSG00000033730	26.88317035	52.86691053	45.8998181	70.07481747	65.88990194
ENSMUSG00000033731	84.1867703	125.9067211	117.2210739	74.10210583	77.34901533
ENSMUSG00000033850	7.781970364	6.260555194	9.179963621	3.221830688	2.148583759
ENSMUSG00000033872	6.367066661	4.869320706	8.473812573	2.416373016	5.013362104
ENSMUSG00000033883	9.904325918	13.91234488	15.53532305	20.1364418	19.33725383
ENSMUSG00000034063	6.367066661	7.651789682	5.649208382	6.443661377	8.594335036
ENSMUSG00000034122	9.196874066	11.1298759	12.00456781	7.249119049	7.87814045
ENSMUSG00000034185	10.61177777	4.869320706	6.35535943	12.08186508	6.445751277
ENSMUSG00000034339	10.61177777	5.56493795	6.35535943	4.02728836	7.87814045
ENSMUSG00000034391	11.31922962	3.478086219	7.061510478	9.665492065	7.87814045
ENSMUSG00000034416	7.074518513	9.043024169	5.649208382	6.443661377	10.7429188
ENSMUSG00000034437	21.93100739	13.91234488	19.06607829	23.35827249	17.18867007
ENSMUSG00000034587	73.57499253	95.2995624	84.73812573	94.23854763	78.7814045
ENSMUSG00000034677	4.952162959	6.956172438	6.35535943	7.249119049	5.729556691
ENSMUSG00000034731	8.489422215	9.043024169	17.65377619	8.860034393	8.594335036
ENSMUSG00000034764	7.074518513	8.347406925	3.530755239	5.638203705	7.87814045
ENSMUSG00000035129	8.489422215	6.956172438	7.061510478	4.02728836	7.161945863
ENSMUSG00000035164	21.22355554	32.69401046	30.36449505	100.682209	86.65954495

ENSMUSG00000035226	3.537259256	9.043024169	7.767661525	4.832746033	8.594335036
ENSMUSG00000035262	9.196874066	12.52111039	22.59683353	19.33098413	15.7562809
ENSMUSG00000035283	7.074518513	6.260555194	9.886114669	5.638203705	4.297167518
ENSMUSG00000035364	4.952162959	17.39043109	3.530755239	6.443661377	10.02672421
ENSMUSG00000035868	14.14903703	14.60796212	26.83373982	17.72006879	18.62105924
ENSMUSG00000036045	9.904325918	3.478086219	7.061510478	3.221830688	8.594335036
ENSMUSG00000036123	7.781970364	5.56493795	10.59226572	9.665492065	7.87814045
ENSMUSG00000036131	4.952162959	4.173703463	2.824604191	1.610915344	1.432389173
ENSMUSG00000036162	9.196874066	5.56493795	3.530755239	3.221830688	4.297167518
ENSMUSG00000036305	13.44158517	10.43425866	9.179963621	6.443661377	12.17530797
ENSMUSG00000036322	31.83533331	70.25734162	49.43057334	27.38556085	20.769643
ENSMUSG00000036500	10.61177777	6.260555194	5.649208382	6.443661377	4.297167518
ENSMUSG00000036561	14.14903703	16.69481385	14.12302096	8.860034393	11.45911338
ENSMUSG00000036647	12.73413332	6.260555194	7.767661525	7.249119049	4.297167518
ENSMUSG00000036658	8.489422215	6.956172438	9.886114669	8.054576721	5.729556691
ENSMUSG00000036760	6.367066661	7.651789682	8.473812573	5.638203705	5.729556691
ENSMUSG00000036816	4.952162959	5.56493795	7.061510478	4.832746033	6.445751277
ENSMUSG00000036882	14.14903703	11.1298759	19.77222934	15.30369577	12.17530797
ENSMUSG00000036902	9.904325918	7.651789682	8.473812573	8.860034393	9.310529622
ENSMUSG00000036983	13.44158517	11.82549314	14.829172	18.52552646	12.17530797
ENSMUSG00000037028	12.73413332	4.869320706	10.59226572	8.054576721	7.161945863
ENSMUSG00000037064	7.781970364	5.56493795	9.886114669	4.02728836	8.594335036
ENSMUSG00000037096	15.56394073	11.1298759	10.59226572	19.33098413	20.05344842
ENSMUSG00000037140	4.244711108	2.086851731	5.649208382	4.02728836	2.148583759
ENSMUSG00000037246	8.489422215	4.173703463	7.061510478	3.221830688	3.580972932
ENSMUSG00000037247	3.537259256	3.478086219	5.649208382	4.832746033	7.87814045
ENSMUSG00000037253	20.51610369	44.5195036	33.18909925	132.9005159	87.37573953
ENSMUSG00000037390	9.196874066	8.347406925	10.59226572	8.054576721	7.87814045
ENSMUSG00000037424	9.904325918	6.260555194	9.886114669	4.832746033	11.45911338
ENSMUSG00000037432	8.489422215	6.260555194	5.649208382	9.665492065	8.594335036
ENSMUSG00000037438	7.074518513	7.651789682	7.061510478	7.249119049	10.7429188
ENSMUSG00000037535	5.65961481	4.869320706	4.943057334	11.27640741	7.161945863
ENSMUSG00000037537	10.61177777	5.56493795	11.29841676	3.221830688	8.594335036
ENSMUSG00000037579	11.31922962	9.043024169	9.179963621	6.443661377	6.445751277
ENSMUSG00000037603	9.904325918	4.173703463	11.29841676	10.47094974	5.729556691
ENSMUSG00000037735	9.196874066	8.347406925	4.943057334	6.443661377	7.161945863
ENSMUSG00000037884	7.781970364	4.869320706	5.649208382	5.638203705	4.297167518
ENSMUSG00000037982	162.0064739	214.2501111	180.7746682	405.9506667	267.1405807
ENSMUSG00000038010	14.85648888	15.30357936	19.77222934	14.4982381	20.769643
ENSMUSG00000038048	7.074518513	6.956172438	8.473812573	7.249119049	8.594335036
ENSMUSG00000038152	9.904325918	22.95536904	19.77222934	71.68573282	59.44415067
ENSMUSG00000038165	7.074518513	9.738641413	9.179963621	6.443661377	6.445751277
ENSMUSG00000038194	4.952162959	4.173703463	2.824604191	4.832746033	4.297167518

ENSMUSG00000038218	5.65961481	4.173703463	6.35535943	7.249119049	7.161945863
ENSMUSG00000038311	7.074518513	8.347406925	7.767661525	16.10915344	12.89150255
ENSMUSG00000038408	9.904325918	6.956172438	6.35535943	4.832746033	3.580972932
ENSMUSG00000038491	60.84085921	82.77845201	69.90895373	75.71302118	70.90326405
ENSMUSG00000038498	7.781970364	9.043024169	7.061510478	8.054576721	6.445751277
ENSMUSG00000038725	7.074518513	8.347406925	8.473812573	8.054576721	5.729556691
ENSMUSG00000038765	3.537259256	4.869320706	5.649208382	5.638203705	3.580972932
ENSMUSG00000038792	8.489422215	2.782468975	6.35535943	9.665492065	3.580972932
ENSMUSG00000038917	7.781970364	8.347406925	7.767661525	4.832746033	7.87814045
ENSMUSG00000039057	8.489422215	4.869320706	6.35535943	2.416373016	7.161945863
ENSMUSG00000039117	42.447111108	50.08444155	64.25974535	70.07481747	59.44415067
ENSMUSG00000039138	13.44158517	7.651789682	7.061510478	3.221830688	4.297167518
ENSMUSG00000039146	8.489422215	6.260555194	4.236906287	7.249119049	12.17530797
ENSMUSG00000039217	9.904325918	6.956172438	8.473812573	4.832746033	2.148583759
ENSMUSG00000039264	77.11225179	97.38641413	77.67661525	136.1223466	136.793166
ENSMUSG00000039330	12.73413332	9.043024169	14.12302096	8.860034393	7.161945863
ENSMUSG00000039545	15.56394073	20.86851731	19.77222934	28.19101852	28.64778345
ENSMUSG00000039563	79.94205919	118.9505487	98.15499564	147.398754	111.7263555
ENSMUSG00000039617	12.02668147	13.91234488	14.829172	8.054576721	12.17530797
ENSMUSG00000039798	11.31922962	9.043024169	7.767661525	12.08186508	6.445751277
ENSMUSG00000039962	11.31922962	8.347406925	7.767661525	5.638203705	4.297167518
ENSMUSG00000040013	17.68629628	8.347406925	7.061510478	10.47094974	10.02672421
ENSMUSG00000040078	8.489422215	9.043024169	7.061510478	9.665492065	7.87814045
ENSMUSG00000040217	7.074518513	8.347406925	7.767661525	5.638203705	6.445751277
ENSMUSG00000040323	16.97884443	18.08604834	24.00913562	19.33098413	17.90486466
ENSMUSG00000040495	9.196874066	7.651789682	8.473812573	5.638203705	5.013362104
ENSMUSG00000040540	20.51610369	13.21672763	18.35992724	9.665492065	11.45911338
ENSMUSG00000040715	7.781970364	15.99919661	21.89068248	33.02376456	25.06681052
ENSMUSG00000040775	8.489422215	8.347406925	9.179963621	4.02728836	5.013362104
ENSMUSG00000040840	65.08557032	84.86530374	90.38733411	269.0228625	196.9535112
ENSMUSG00000041144	7.074518513	10.43425866	8.473812573	2.416373016	7.161945863
ENSMUSG00000041372	10.61177777	6.956172438	8.473812573	1.610915344	8.594335036
ENSMUSG00000041449	12.02668147	9.738641413	7.061510478	6.443661377	8.594335036
ENSMUSG00000041505	7.074518513	9.043024169	7.767661525	5.638203705	10.02672421
ENSMUSG00000041596	6.367066661	11.82549314	5.649208382	4.02728836	2.864778345
ENSMUSG00000041674	7.781970364	4.173703463	6.35535943	2.416373016	7.161945863
ENSMUSG00000041735	9.196874066	10.43425866	9.886114669	6.443661377	6.445751277
ENSMUSG00000041789	7.781970364	6.260555194	10.59226572	4.832746033	6.445751277
ENSMUSG00000041878	40.32475552	56.34499675	41.66291182	39.46742593	38.67450766
ENSMUSG00000041885	9.196874066	9.738641413	6.35535943	4.02728836	6.445751277
ENSMUSG00000041886	11.31922962	6.956172438	6.35535943	4.832746033	5.013362104
ENSMUSG00000042087	195.9641628	206.5983214	160.2962878	418.0325318	330.8818989
ENSMUSG00000042219	7.781970364	6.260555194	6.35535943	4.02728836	6.445751277

ENSMUSG00000042353	7.781970364	7.651789682	9.886114669	8.054576721	7.161945863
ENSMUSG00000042360	12.02668147	5.56493795	7.767661525	3.221830688	7.87814045
ENSMUSG00000042402	12.02668147	2.782468975	4.236906287	4.02728836	5.013362104
ENSMUSG00000042549	41.03220737	63.30116918	48.7244223	65.24207144	63.0251236
ENSMUSG00000042796	7.074518513	7.651789682	7.767661525	7.249119049	2.148583759
ENSMUSG00000042848	9.904325918	6.260555194	7.061510478	8.860034393	3.580972932
ENSMUSG00000042863	12.02668147	6.956172438	4.943057334	3.221830688	4.297167518
ENSMUSG00000042869	14.85648888	9.043024169	9.886114669	4.02728836	10.7429188
ENSMUSG00000042874	40.32475552	79.99598303	63.5535943	73.29664816	84.51096119
ENSMUSG00000042909	6.367066661	6.956172438	5.649208382	3.221830688	8.594335036
ENSMUSG00000042938	7.781970364	9.043024169	6.35535943	7.249119049	15.04008631
ENSMUSG00000042962	11.31922962	8.347406925	9.179963621	6.443661377	8.594335036
ENSMUSG00000042976	9.904325918	6.956172438	4.236906287	6.443661377	7.161945863
ENSMUSG00000043024	9.904325918	14.60796212	4.236906287	14.4982381	8.594335036
ENSMUSG00000043068	10.61177777	6.260555194	9.886114669	3.221830688	6.445751277
ENSMUSG00000043073	7.074518513	6.956172438	8.473812573	8.054576721	9.310529622
ENSMUSG00000043099	3.537259256	11.1298759	10.59226572	4.02728836	10.02672421
ENSMUSG00000043119	13.44158517	4.869320706	6.35535943	5.638203705	5.729556691
ENSMUSG00000043145	5.65961481	7.651789682	5.649208382	7.249119049	7.161945863
ENSMUSG00000043168	79.94205919	84.86530374	108.7472614	52.35474869	67.32229112
ENSMUSG00000043192	6.367066661	6.956172438	8.473812573	4.832746033	6.445751277
ENSMUSG00000043223	6.367066661	15.99919661	13.41686991	8.054576721	5.729556691
ENSMUSG00000043226	9.196874066	8.347406925	11.29841676	2.416373016	6.445751277
ENSMUSG00000043267	7.781970364	4.869320706	9.886114669	4.832746033	9.310529622
ENSMUSG00000043274	12.02668147	6.956172438	4.236906287	6.443661377	2.148583759
ENSMUSG00000043295	4.244711108	4.173703463	5.649208382	0.805457672	3.580972932
ENSMUSG00000043308	5.65961481	5.56493795	7.061510478	6.443661377	3.580972932
ENSMUSG00000043310	10.61177777	9.043024169	11.29841676	3.221830688	8.594335036
ENSMUSG00000043314	6.367066661	4.173703463	4.236906287	6.443661377	6.445751277
ENSMUSG00000043329	9.904325918	9.043024169	5.649208382	7.249119049	6.445751277
ENSMUSG00000043331	13.44158517	5.56493795	5.649208382	5.638203705	4.297167518
ENSMUSG00000043354	7.074518513	9.738641413	4.943057334	6.443661377	5.013362104
ENSMUSG00000043383	9.904325918	3.478086219	8.473812573	6.443661377	7.87814045
ENSMUSG00000043385	8.489422215	3.478086219	5.649208382	8.860034393	9.310529622
ENSMUSG00000043398	2.829807405	7.651789682	9.179963621	5.638203705	5.013362104
ENSMUSG00000043419	12.02668147	7.651789682	9.886114669	4.832746033	5.013362104
ENSMUSG00000043483	10.61177777	6.260555194	7.061510478	6.443661377	7.87814045
ENSMUSG00000043484	9.196874066	6.260555194	4.943057334	4.832746033	4.297167518
ENSMUSG00000043488	98.33580733	109.9075245	99.56729774	193.3098413	131.0636093
ENSMUSG00000043498	6.367066661	4.173703463	7.767661525	1.610915344	2.864778345
ENSMUSG00000043522	7.781970364	5.56493795	5.649208382	3.221830688	10.02672421
ENSMUSG00000043537	9.196874066	10.43425866	7.767661525	1.610915344	8.594335036
ENSMUSG00000043556	3.537259256	8.347406925	7.767661525	4.02728836	9.310529622

ENSMUSG00000043618	12.02668147	11.82549314	9.179963621	7.249119049	7.87814045
ENSMUSG00000043623	79.94205919	106.4294383	86.15042783	90.21125927	90.95671247
ENSMUSG00000043644	53.7663407	84.86530374	92.50578726	239.2209286	153.2656415
ENSMUSG00000043661	3.537259256	4.173703463	4.236906287	1.610915344	5.729556691
ENSMUSG00000043692	3.537259256	4.869320706	5.649208382	4.02728836	4.297167518
ENSMUSG00000043698	17.68629628	10.43425866	7.767661525	2.416373016	3.580972932
ENSMUSG00000043715	5.65961481	7.651789682	3.530755239	1.610915344	3.580972932
ENSMUSG00000043747	9.196874066	6.956172438	9.179963621	3.221830688	5.729556691
ENSMUSG00000043770	12.02668147	9.043024169	16.94762515	15.30369577	17.18867007
ENSMUSG00000043794	12.02668147	24.34660353	14.829172	12.08186508	5.729556691
ENSMUSG00000043800	0	1.391234488	2.824604191	0	0
ENSMUSG00000043801	24.76081479	25.73783802	28.95219296	28.9964762	28.64778345
ENSMUSG00000043833	10.61177777	11.1298759	5.649208382	4.02728836	4.297167518
ENSMUSG00000043859	7.781970364	6.260555194	5.649208382	4.832746033	8.594335036
ENSMUSG00000043865	9.904325918	8.347406925	11.29841676	1.610915344	4.297167518
ENSMUSG00000043870	11.31922962	9.043024169	9.886114669	12.08186508	9.310529622
ENSMUSG00000043880	5.65961481	5.56493795	5.649208382	6.443661377	5.729556691
ENSMUSG00000043889	2.122355554	1.391234488	2.118453143	0.805457672	2.148583759
ENSMUSG00000043892	9.904325918	4.173703463	8.473812573	6.443661377	2.148583759
ENSMUSG00000043903	3.537259256	5.56493795	4.943057334	5.638203705	7.87814045
ENSMUSG00000043948	8.489422215	4.173703463	2.824604191	7.249119049	6.445751277
ENSMUSG00000043993	2.122355554	8.347406925	12.00456781	5.638203705	4.297167518
ENSMUSG00000044029	12.02668147	9.043024169	3.530755239	2.416373016	7.161945863
ENSMUSG00000044039	6.367066661	3.478086219	4.236906287	4.02728836	2.148583759
ENSMUSG00000044040	5.65961481	4.173703463	5.649208382	2.416373016	5.013362104
ENSMUSG00000044058	5.65961481	6.956172438	9.886114669	4.02728836	5.013362104
ENSMUSG00000044061	7.781970364	9.043024169	8.473812573	5.638203705	7.87814045
ENSMUSG00000044062	8.489422215	4.869320706	6.35535943	4.832746033	7.161945863
ENSMUSG00000044065	13.44158517	6.956172438	10.59226572	9.665492065	5.729556691
ENSMUSG00000044081	16.27139258	21.56413456	32.4829482	17.72006879	15.04008631
ENSMUSG00000044107	7.781970364	6.956172438	8.473812573	2.416373016	6.445751277
ENSMUSG00000044120	11.31922962	4.869320706	10.59226572	8.054576721	7.161945863
ENSMUSG00000044125	14.85648888	30.60715873	16.2414741	25.77464551	17.18867007
ENSMUSG00000044141	9.196874066	10.43425866	7.767661525	5.638203705	4.297167518
ENSMUSG00000044170	7.074518513	6.956172438	4.943057334	8.054576721	7.87814045
ENSMUSG00000044186	2.122355554	4.869320706	6.35535943	7.249119049	7.161945863
ENSMUSG00000044211	12.02668147	15.99919661	13.41686991	20.94189947	20.05344842
ENSMUSG00000044213	12.02668147	6.956172438	7.061510478	4.832746033	7.87814045
ENSMUSG00000044268	6.367066661	6.260555194	8.473812573	4.832746033	7.161945863
ENSMUSG00000044276	14.85648888	24.34660353	19.77222934	40.2728836	49.41742646
ENSMUSG00000044285	39.61730367	47.30197258	38.13215658	75.71302118	40.82309142
ENSMUSG00000044292	12.73413332	7.651789682	9.179963621	9.665492065	3.580972932
ENSMUSG00000044293	4.244711108	6.956172438	11.29841676	5.638203705	4.297167518



ENSMUSG00000044306	61.54831106	105.0382038	91.79963621	197.3371297	152.5494469
ENSMUSG00000044330	9.904325918	12.52111039	10.59226572	9.665492065	5.729556691
ENSMUSG00000044341	0	0.695617244	0	0	0.716194586
ENSMUSG00000044377	12.02668147	11.82549314	7.061510478	8.054576721	10.7429188
ENSMUSG00000044387	4.952162959	9.738641413	9.179963621	8.054576721	7.161945863
ENSMUSG00000044407	4.244711108	6.260555194	4.943057334	4.02728836	9.310529622
ENSMUSG00000044424	8.489422215	9.738641413	9.179963621	10.47094974	12.17530797
ENSMUSG00000044434	12.02668147	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG00000044444	7.781970364	11.1298759	15.53532305	8.054576721	10.02672421
ENSMUSG00000044454	7.074518513	5.56493795	7.061510478	6.443661377	3.580972932
ENSMUSG00000044457	12.73413332	9.043024169	7.061510478	8.054576721	5.729556691
ENSMUSG00000044471	32.54278516	54.25814501	41.66291182	42.68925662	45.83645353
ENSMUSG00000044487	12.02668147	7.651789682	11.29841676	5.638203705	4.297167518
ENSMUSG00000044515	10.61177777	8.347406925	8.473812573	7.249119049	5.013362104
ENSMUSG00000044518	6.367066661	6.260555194	7.767661525	4.02728836	6.445751277
ENSMUSG00000044537	7.781970364	11.1298759	9.179963621	5.638203705	5.729556691
ENSMUSG00000044538	7.074518513	9.043024169	4.236906287	4.02728836	7.87814045
ENSMUSG00000044560	7.074518513	11.1298759	2.824604191	3.221830688	2.148583759
ENSMUSG00000044574	7.074518513	4.869320706	4.943057334	5.638203705	7.87814045
ENSMUSG00000044609	10.61177777	5.56493795	7.061510478	9.665492065	7.161945863
ENSMUSG00000044633	7.074518513	6.260555194	9.886114669	8.054576721	7.87814045
ENSMUSG00000044639	14.14903703	11.1298759	7.767661525	4.02728836	4.297167518
ENSMUSG00000044689	8.489422215	6.260555194	11.29841676	9.665492065	7.87814045
ENSMUSG00000044694	11.31922962	15.30357936	9.886114669	8.054576721	12.89150255
ENSMUSG00000044697	14.85648888	9.043024169	10.59226572	4.832746033	5.013362104
ENSMUSG00000044705	9.196874066	5.56493795	7.061510478	8.054576721	7.161945863
ENSMUSG00000044730	69.33028142	73.73542784	65.67204744	153.0369577	108.8615771
ENSMUSG00000044751	11.31922962	12.52111039	13.41686991	16.10915344	7.87814045
ENSMUSG00000044757	11.31922962	22.2597518	15.53532305	16.10915344	15.04008631
ENSMUSG00000044801	8.489422215	5.56493795	6.35535943	4.832746033	3.580972932
ENSMUSG00000044824	9.904325918	6.956172438	6.35535943	3.221830688	5.729556691
ENSMUSG00000044867	159.1766665	206.5983214	164.5331941	367.2886985	256.3976619
ENSMUSG00000044897	8.489422215	9.043024169	6.35535943	10.47094974	9.310529622
ENSMUSG00000044923	6.367066661	6.956172438	8.473812573	3.221830688	3.580972932
ENSMUSG00000044997	45.98437033	82.08283477	48.01827125	81.35122488	73.76804239
ENSMUSG00000045010	4.952162959	4.173703463	2.824604191	1.610915344	4.297167518
ENSMUSG00000045048	9.196874066	8.347406925	4.943057334	4.832746033	2.148583759
ENSMUSG00000045055	12.73413332	12.52111039	15.53532305	8.054576721	12.89150255
ENSMUSG00000045075	7.074518513	7.651789682	7.061510478	10.47094974	7.87814045
ENSMUSG00000045104	7.781970364	9.043024169	7.767661525	4.02728836	6.445751277
ENSMUSG00000045111	9.196874066	7.651789682	7.061510478	5.638203705	8.594335036
ENSMUSG00000045132	9.196874066	7.651789682	4.943057334	7.249119049	8.594335036
ENSMUSG00000045148	10.61177777	6.260555194	3.530755239	5.638203705	10.02672421

ENSMUSG00000045149	0.707451851	0.695617244	0	0	0.716194586
ENSMUSG00000045150	9.196874066	8.347406925	5.649208382	4.832746033	6.445751277
ENSMUSG00000045178	5.65961481	6.260555194	11.29841676	5.638203705	5.013362104
ENSMUSG00000045179	2.122355554	4.173703463	4.236906287	1.610915344	2.864778345
ENSMUSG00000045204	9.196874066	9.738641413	4.236906287	1.610915344	5.013362104
ENSMUSG00000045217	3.537259256	3.478086219	3.530755239	2.416373016	0
ENSMUSG00000045225	9.904325918	4.173703463	7.061510478	4.832746033	6.445751277
ENSMUSG00000045238	4.244711108	5.56493795	7.061510478	1.610915344	4.297167518
ENSMUSG00000045291	8.489422215	5.56493795	11.29841676	7.249119049	7.87814045
ENSMUSG00000045327	38.20239997	74.43104508	57.19823487	107.9313281	87.37573953
ENSMUSG00000045339	6.367066661	8.347406925	4.943057334	7.249119049	7.161945863
ENSMUSG00000045340	9.904325918	9.738641413	9.179963621	8.860034393	7.161945863
ENSMUSG00000045341	9.196874066	6.260555194	4.236906287	4.02728836	6.445751277
ENSMUSG00000045345	9.904325918	13.21672763	14.829172	8.860034393	13.60769714
ENSMUSG00000045391	106.1177777	155.8182626	153.2347774	146.5932963	114.5911338
ENSMUSG00000045392	5.65961481	6.260555194	4.943057334	2.416373016	5.729556691
ENSMUSG00000045417	8.489422215	6.260555194	6.35535943	7.249119049	5.013362104
ENSMUSG00000045421	9.904325918	9.043024169	10.59226572	4.832746033	8.594335036
ENSMUSG00000045464	60.84085921	89.0390072	89.68118307	85.37851324	83.07857202
ENSMUSG00000045506	7.781970364	6.260555194	5.649208382	4.02728836	4.297167518
ENSMUSG00000045508	7.074518513	4.869320706	10.59226572	10.47094974	5.729556691
ENSMUSG00000045528	7.781970364	11.1298759	9.179963621	4.02728836	7.161945863
ENSMUSG00000045540	12.02668147	8.347406925	7.767661525	6.443661377	10.02672421
ENSMUSG00000045566	10.61177777	10.43425866	9.179963621	9.665492065	7.87814045
ENSMUSG00000045575	9.196874066	6.260555194	9.179963621	9.665492065	7.161945863
ENSMUSG00000045584	7.074518513	7.651789682	7.767661525	4.832746033	6.445751277
ENSMUSG00000045609	10.61177777	8.347406925	12.00456781	6.443661377	5.013362104
ENSMUSG00000045678	9.196874066	1.391234488	10.59226572	5.638203705	7.87814045
ENSMUSG00000045694	2.829807405	2.086851731	2.118453143	0.805457672	4.297167518
ENSMUSG00000045708	7.781970364	5.56493795	6.35535943	7.249119049	3.580972932
ENSMUSG00000045709	4.952162959	4.869320706	4.943057334	5.638203705	5.729556691
ENSMUSG00000045713	7.781970364	8.347406925	4.943057334	4.02728836	4.297167518
ENSMUSG00000045746	28.29807405	41.04141738	48.7244223	136.9278043	108.8615771
ENSMUSG00000045780	9.196874066	6.260555194	7.061510478	6.443661377	5.729556691
ENSMUSG00000045792	11.31922962	9.043024169	7.061510478	7.249119049	6.445751277
ENSMUSG00000045799	19.10119998	24.34660353	10.59226572	35.44013757	24.35061594
ENSMUSG00000045812	6.367066661	6.260555194	7.767661525	7.249119049	5.013362104
ENSMUSG00000045813	7.781970364	7.651789682	8.473812573	2.416373016	5.729556691
ENSMUSG00000045815	4.952162959	6.260555194	9.179963621	5.638203705	6.445751277
ENSMUSG00000045824	12.73413332	7.651789682	7.767661525	4.832746033	7.161945863
ENSMUSG00000045842	7.074518513	14.60796212	12.00456781	15.30369577	12.89150255
ENSMUSG00000045876	9.904325918	9.738641413	4.943057334	6.443661377	5.729556691
ENSMUSG00000045883	12.73413332	9.043024169	10.59226572	4.02728836	7.161945863

ENSMUSG00000045946	9.196874066	6.260555194	3.530755239	5.638203705	7.161945863
ENSMUSG00000045952	7.781970364	5.56493795	7.061510478	7.249119049	6.445751277
ENSMUSG00000045999	320.4756886	343.6349184	243.6221115	288.3538466	297.2207533
ENSMUSG00000046005	9.196874066	4.869320706	8.473812573	12.88732275	5.013362104
ENSMUSG00000046016	9.196874066	3.478086219	7.767661525	9.665492065	3.580972932
ENSMUSG00000046041	7.074518513	9.738641413	8.473812573	3.221830688	9.310529622
ENSMUSG00000046057	13.44158517	9.738641413	12.71071886	7.249119049	13.60769714
ENSMUSG00000046088	11.31922962	9.043024169	4.943057334	5.638203705	5.013362104
ENSMUSG00000046095	9.904325918	4.173703463	7.767661525	8.860034393	6.445751277
ENSMUSG00000046119	9.196874066	9.043024169	7.767661525	10.47094974	2.864778345
ENSMUSG00000046130	4.952162959	5.56493795	7.767661525	6.443661377	7.161945863
ENSMUSG00000046145	101.1656147	138.4278315	120.0456781	215.0571984	164.7247549
ENSMUSG00000046150	7.781970364	6.260555194	4.943057334	6.443661377	5.013362104
ENSMUSG00000046210	7.781970364	6.260555194	7.767661525	2.416373016	10.7429188
ENSMUSG00000046219	11.31922962	9.043024169	4.943057334	2.416373016	8.594335036
ENSMUSG00000046242	8.489422215	9.738641413	9.886114669	7.249119049	10.02672421
ENSMUSG00000046334	165.5437332	217.7281973	204.0776528	275.4665239	196.9535112
ENSMUSG00000046341	6.367066661	7.651789682	9.886114669	4.02728836	4.297167518
ENSMUSG00000046354	7.781970364	4.869320706	5.649208382	4.832746033	8.594335036
ENSMUSG00000046372	15.56394073	22.2597518	21.18453143	15.30369577	17.90486466
ENSMUSG00000046388	72.16008883	107.8206728	112.9841676	90.21125927	90.24051788
ENSMUSG00000046396	7.074518513	4.869320706	6.35535943	1.610915344	5.013362104
ENSMUSG00000046411	5.65961481	3.478086219	9.886114669	7.249119049	5.013362104
ENSMUSG00000046413	6.367066661	5.56493795	7.061510478	3.221830688	8.594335036
ENSMUSG00000046415	6.367066661	2.782468975	8.473812573	3.221830688	5.013362104
ENSMUSG00000046431	7.781970364	6.260555194	7.767661525	5.638203705	7.161945863
ENSMUSG00000046440	12.02668147	17.39043109	26.83373982	12.08186508	22.20203218
ENSMUSG00000046463	23.34591109	36.86771392	34.60140134	85.37851324	65.17370736
ENSMUSG00000046486	10.61177777	8.347406925	5.649208382	4.02728836	8.594335036
ENSMUSG00000046487	9.904325918	11.1298759	4.236906287	4.02728836	8.594335036
ENSMUSG00000046574	36.08004441	50.7800588	53.66747963	62.82569842	53.71459398
ENSMUSG00000046580	8.489422215	4.869320706	8.473812573	3.221830688	7.161945863
ENSMUSG00000046590	9.196874066	5.56493795	7.061510478	4.832746033	7.161945863
ENSMUSG00000046620	5.65961481	8.347406925	9.886114669	8.054576721	7.87814045
ENSMUSG00000046634	14.85648888	5.56493795	7.767661525	6.443661377	5.013362104
ENSMUSG00000046636	13.44158517	13.21672763	13.41686991	14.4982381	16.47247549
ENSMUSG00000046643	10.61177777	8.347406925	8.473812573	4.832746033	9.310529622
ENSMUSG00000046650	7.781970364	7.651789682	6.35535943	4.832746033	9.310529622
ENSMUSG00000046652	4.952162959	5.56493795	4.943057334	8.054576721	3.580972932
ENSMUSG00000046683	12.02668147	4.173703463	6.35535943	4.02728836	6.445751277
ENSMUSG00000046717	7.781970364	8.347406925	12.00456781	3.221830688	5.729556691
ENSMUSG00000046721	9.904325918	7.651789682	11.29841676	16.91461111	10.02672421
ENSMUSG00000046747	34.66514071	49.38882431	35.30755239	63.6311561	57.29556691

ENSMUSG00000046790	8.489422215	6.956172438	4.943057334	6.443661377	11.45911338
ENSMUSG00000046808	103.9954221	130.0804246	110.8657145	84.57305557	83.07857202
ENSMUSG00000046840	12.02668147	4.869320706	9.179963621	3.221830688	7.161945863
ENSMUSG00000046913	12.73413332	6.260555194	3.530755239	3.221830688	3.580972932
ENSMUSG00000046924	8.489422215	10.43425866	7.061510478	4.832746033	8.594335036
ENSMUSG00000046932	7.781970364	7.651789682	4.236906287	12.08186508	5.729556691
ENSMUSG00000046952	9.904325918	11.82549314	9.886114669	3.221830688	7.161945863
ENSMUSG00000046958	5.65961481	7.651789682	9.179963621	8.054576721	2.864778345
ENSMUSG00000046975	10.61177777	7.651789682	9.179963621	1.610915344	5.013362104
ENSMUSG00000046991	7.074518513	6.260555194	9.886114669	8.860034393	7.87814045
ENSMUSG00000046993	4.244711108	4.173703463	2.824604191	4.02728836	5.013362104
ENSMUSG00000046995	14.14903703	6.260555194	4.943057334	4.02728836	8.594335036
ENSMUSG00000047002	7.074518513	7.651789682	8.473812573	5.638203705	6.445751277
ENSMUSG00000047031	9.904325918	5.56493795	7.061510478	7.249119049	5.729556691
ENSMUSG00000047036	74.28244438	114.081228	88.97503202	146.5932963	113.8749392
ENSMUSG00000047039	10.61177777	6.260555194	8.473812573	0	2.864778345
ENSMUSG00000047046	10.61177777	5.56493795	5.649208382	5.638203705	5.013362104
ENSMUSG00000047048	9.904325918	6.260555194	10.59226572	7.249119049	7.161945863
ENSMUSG00000047050	11.31922962	5.56493795	8.473812573	8.054576721	5.729556691
ENSMUSG00000047102	9.904325918	6.260555194	8.473812573	4.02728836	5.013362104
ENSMUSG00000047104	14.14903703	6.956172438	5.649208382	6.443661377	4.297167518
ENSMUSG00000047116	1.414903703	0	1.412302096	0	0.716194586
ENSMUSG00000047149	7.074518513	6.260555194	7.061510478	4.02728836	6.445751277
ENSMUSG00000047166	92.67619252	95.2995624	81.91352154	201.364418	131.7798039
ENSMUSG00000047168	4.952162959	4.869320706	4.943057334	3.221830688	5.729556691
ENSMUSG00000047189	15.56394073	9.738641413	9.886114669	10.47094974	7.161945863
ENSMUSG00000047197	3.537259256	8.347406925	10.59226572	8.860034393	5.729556691
ENSMUSG00000047203	15.56394073	6.956172438	5.649208382	8.860034393	6.445751277
ENSMUSG00000047225	7.074518513	7.651789682	4.943057334	3.221830688	6.445751277
ENSMUSG00000047293	6.367066661	3.478086219	11.29841676	151.4260424	99.5510475
ENSMUSG00000047324	12.73413332	2.086851731	10.59226572	4.832746033	1.432389173
ENSMUSG00000047347	10.61177777	8.347406925	4.236906287	6.443661377	7.161945863
ENSMUSG00000047383	3.537259256	13.91234488	12.71071886	6.443661377	11.45911338
ENSMUSG00000047444	9.904325918	6.956172438	7.767661525	3.221830688	5.013362104
ENSMUSG00000047485	0.707451851	3.478086219	3.530755239	0.805457672	5.013362104
ENSMUSG00000047509	10.61177777	7.651789682	5.649208382	10.47094974	7.161945863
ENSMUSG00000047535	8.489422215	6.260555194	3.530755239	6.443661377	6.445751277
ENSMUSG00000047544	6.367066661	5.56493795	14.12302096	6.443661377	5.013362104
ENSMUSG00000047545	6.367066661	7.651789682	2.824604191	3.221830688	8.594335036
ENSMUSG00000047591	8.489422215	4.869320706	7.061510478	3.221830688	4.297167518
ENSMUSG00000047594	12.02668147	9.738641413	8.473812573	3.221830688	5.013362104
ENSMUSG00000047626	8.489422215	11.1298759	7.767661525	5.638203705	2.864778345
ENSMUSG00000047643	12.73413332	6.260555194	7.061510478	3.221830688	4.297167518

ENSMUSG00000047652	8.489422215	4.869320706	4.943057334	4.02728836	5.013362104
ENSMUSG00000047655	12.73413332	9.738641413	4.943057334	7.249119049	5.729556691
ENSMUSG00000047657	14.14903703	3.478086219	12.00456781	8.860034393	5.729556691
ENSMUSG00000047702	9.196874066	5.56493795	9.179963621	3.221830688	4.297167518
ENSMUSG00000047716	8.489422215	5.56493795	8.473812573	4.02728836	8.594335036
ENSMUSG00000047773	7.074518513	6.260555194	7.767661525	7.249119049	8.594335036
ENSMUSG00000047807	58.0110518	79.30036579	91.09348516	40.2728836	43.68786977
ENSMUSG00000047868	9.904325918	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000047894	9.904325918	3.478086219	4.236906287	6.443661377	7.161945863
ENSMUSG00000047905	8.489422215	8.347406925	9.886114669	13.69278043	6.445751277
ENSMUSG00000047935	6.367066661	5.56493795	9.179963621	4.832746033	4.297167518
ENSMUSG00000047938	39.61730367	52.86691053	48.7244223	39.46742593	45.12025894
ENSMUSG00000047965	9.196874066	6.956172438	10.59226572	7.249119049	8.594335036
ENSMUSG00000047969	6.367066661	4.173703463	9.886114669	5.638203705	5.729556691
ENSMUSG00000048031	29.0055259	57.04061399	43.07521391	171.5624842	126.0502472
ENSMUSG00000048062	9.904325918	5.56493795	1.412302096	5.638203705	5.013362104
ENSMUSG00000048080	7.781970364	4.869320706	5.649208382	4.832746033	10.7429188
ENSMUSG00000048149	0	0.695617244	0	0	0
ENSMUSG00000048164	9.904325918	6.956172438	7.061510478	6.443661377	7.161945863
ENSMUSG00000048173	2.829807405	4.869320706	2.824604191	4.02728836	2.864778345
ENSMUSG00000048185	13.44158517	5.56493795	9.179963621	4.02728836	12.89150255
ENSMUSG00000048188	12.02668147	8.347406925	8.473812573	5.638203705	4.297167518
ENSMUSG00000048197	6.367066661	5.56493795	5.649208382	4.02728836	2.864778345
ENSMUSG00000048215	12.02668147	8.347406925	10.59226572	4.832746033	8.594335036
ENSMUSG00000048226	6.367066661	7.651789682	5.649208382	3.221830688	5.013362104
ENSMUSG00000048248	14.85648888	32.69401046	23.30298458	38.66196826	33.66114556
ENSMUSG00000048261	2.122355554	3.478086219	2.824604191	1.610915344	4.297167518
ENSMUSG00000048284	9.196874066	7.651789682	8.473812573	4.02728836	7.161945863
ENSMUSG00000048292	9.196874066	8.347406925	8.473812573	8.054576721	8.594335036
ENSMUSG00000048316	9.904325918	9.738641413	14.12302096	8.054576721	12.89150255
ENSMUSG00000048334	8.489422215	9.043024169	5.649208382	7.249119049	7.87814045
ENSMUSG00000048378	7.781970364	6.260555194	9.179963621	9.665492065	5.013362104
ENSMUSG00000048406	7.074518513	9.738641413	7.767661525	23.35827249	14.32389173
ENSMUSG00000048424	6.367066661	8.347406925	9.179963621	4.832746033	7.161945863
ENSMUSG00000048456	4.952162959	7.651789682	6.35535943	11.27640741	4.297167518
ENSMUSG00000048469	11.31922962	8.347406925	9.886114669	4.832746033	5.013362104
ENSMUSG00000048483	7.781970364	7.651789682	7.767661525	10.47094974	6.445751277
ENSMUSG00000048538	4.244711108	4.869320706	8.473812573	6.443661377	4.297167518
ENSMUSG00000048559	5.65961481	7.651789682	7.767661525	7.249119049	4.297167518
ENSMUSG00000048574	0	0	0	0	0
ENSMUSG00000048592	7.074518513	1.391234488	2.118453143	1.610915344	3.580972932
ENSMUSG00000048600	9.196874066	7.651789682	7.767661525	5.638203705	6.445751277
ENSMUSG00000048603	111.0699406	172.5130765	134.8748501	328.6267302	237.7766027

ENSMUSG00000048620	7.781970364	4.173703463	10.59226572	5.638203705	7.161945863
ENSMUSG00000048628	8.489422215	3.478086219	4.943057334	9.665492065	6.445751277
ENSMUSG00000048643	14.14903703	2.782468975	7.767661525	5.638203705	7.87814045
ENSMUSG00000048665	7.781970364	6.260555194	4.943057334	4.02728836	7.87814045
ENSMUSG00000048693	12.73413332	3.478086219	12.71071886	5.638203705	5.729556691
ENSMUSG00000048697	7.781970364	6.260555194	8.473812573	2.416373016	4.297167518
ENSMUSG00000048709	6.367066661	2.782468975	5.649208382	6.443661377	6.445751277
ENSMUSG00000048806	10.61177777	5.56493795	7.767661525	4.832746033	7.161945863
ENSMUSG00000048810	8.489422215	3.478086219	8.473812573	7.249119049	12.89150255
ENSMUSG00000048824	13.44158517	18.08604834	20.47838039	12.08186508	12.17530797
ENSMUSG00000048827	10.61177777	12.52111039	10.59226572	18.52552646	18.62105924
ENSMUSG00000048916	48.81417774	52.17129328	53.66747963	100.682209	89.52432329
ENSMUSG00000048919	11.31922962	11.1298759	9.179963621	6.443661377	3.580972932
ENSMUSG00000048949	16.27139258	14.60796212	11.29841676	14.4982381	20.05344842
ENSMUSG00000048967	0.707451851	1.391234488	0	0	0
ENSMUSG00000049010	12.73413332	3.478086219	5.649208382	0.805457672	2.864778345
ENSMUSG00000049011	9.196874066	6.956172438	9.886114669	4.832746033	8.594335036
ENSMUSG00000049013	9.904325918	6.956172438	7.767661525	7.249119049	7.161945863
ENSMUSG00000049015	5.65961481	5.56493795	6.35535943	5.638203705	5.729556691
ENSMUSG00000049018	12.02668147	6.956172438	7.767661525	8.054576721	10.7429188
ENSMUSG00000049062	11.31922962	9.043024169	6.35535943	4.832746033	10.7429188
ENSMUSG00000049091	48.10672589	73.73542784	67.79050059	142.566008	115.3073284
ENSMUSG00000049092	24.05336294	34.78086219	45.8998181	48.32746033	55.86317773
ENSMUSG00000049094	7.781970364	11.82549314	6.35535943	6.443661377	12.89150255
ENSMUSG00000049133	9.904325918	6.260555194	10.59226572	4.832746033	5.729556691
ENSMUSG00000049160	9.904325918	11.82549314	8.473812573	7.249119049	9.310529622
ENSMUSG00000049202	10.61177777	5.56493795	8.473812573	8.054576721	11.45911338
ENSMUSG00000049217	4.952162959	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000049229	4.244711108	5.56493795	8.473812573	7.249119049	7.161945863
ENSMUSG00000049230	13.44158517	15.30357936	17.65377619	12.88732275	12.89150255
ENSMUSG00000049231	8.489422215	5.56493795	5.649208382	4.832746033	5.729556691
ENSMUSG00000049235	1.414903703	0	0.706151048	0	0.716194586
ENSMUSG00000049246	9.196874066	5.56493795	11.29841676	8.054576721	8.594335036
ENSMUSG00000049249	9.904325918	11.1298759	4.943057334	1.610915344	9.310529622
ENSMUSG00000049372	8.489422215	10.43425866	3.530755239	3.221830688	5.013362104
ENSMUSG00000049414	74.28244438	97.38641413	87.56272992	66.85298678	78.06520991
ENSMUSG00000049460	10.61177777	7.651789682	11.29841676	5.638203705	10.7429188
ENSMUSG00000049476	23.34591109	43.12826911	27.53989086	51.54929101	50.84981563
ENSMUSG00000049477	9.904325918	10.43425866	9.886114669	8.860034393	10.02672421
ENSMUSG00000049494	0	0	0	0	0
ENSMUSG00000049539	9.904325918	11.1298759	12.00456781	6.443661377	8.594335036
ENSMUSG00000049576	11.31922962	6.260555194	10.59226572	5.638203705	12.17530797
ENSMUSG00000049583	8.489422215	11.1298759	8.473812573	4.832746033	7.161945863

ENSMUSG00000049661	0.707451851	3.478086219	0.706151048	0.805457672	0.716194586
ENSMUSG00000049674	8.489422215	10.43425866	10.59226572	2.416373016	5.729556691
ENSMUSG00000049685	13.44158517	6.956172438	9.179963621	2.416373016	5.013362104
ENSMUSG00000049737	10.61177777	4.869320706	9.179963621	3.221830688	7.161945863
ENSMUSG00000049741	6.367066661	10.43425866	11.29841676	8.054576721	10.7429188
ENSMUSG00000049758	9.904325918	4.869320706	7.767661525	6.443661377	7.161945863
ENSMUSG00000049761	5.65961481	6.956172438	6.35535943	6.443661377	7.161945863
ENSMUSG00000049797	9.196874066	4.173703463	12.00456781	5.638203705	6.445751277
ENSMUSG00000049806	9.904325918	11.1298759	9.179963621	3.221830688	7.87814045
ENSMUSG00000049832	7.781970364	9.738641413	7.767661525	11.27640741	12.89150255
ENSMUSG00000049843	6.367066661	6.260555194	7.767661525	0.805457672	5.013362104
ENSMUSG00000049864	11.31922962	5.56493795	5.649208382	8.054576721	8.594335036
ENSMUSG00000049881	7.074518513	7.651789682	7.061510478	3.221830688	6.445751277
ENSMUSG00000049891	7.781970364	11.1298759	8.473812573	5.638203705	13.60769714
ENSMUSG00000049894	7.781970364	6.956172438	9.886114669	2.416373016	6.445751277
ENSMUSG00000050015	7.074518513	6.260555194	9.886114669	4.02728836	6.445751277
ENSMUSG00000050023	8.489422215	6.260555194	7.061510478	4.02728836	7.161945863
ENSMUSG00000050030	9.904325918	6.260555194	5.649208382	4.02728836	5.013362104
ENSMUSG00000050066	3.537259256	3.478086219	1.412302096	0.805457672	2.148583759
ENSMUSG00000050085	14.85648888	5.56493795	4.943057334	4.832746033	5.013362104
ENSMUSG00000050128	10.61177777	9.738641413	5.649208382	4.02728836	4.297167518
ENSMUSG00000050134	9.196874066	11.82549314	4.943057334	8.860034393	7.161945863
ENSMUSG00000050157	24.05336294	27.82468975	38.13215658	21.74735715	14.32389173
ENSMUSG00000050179	3.537259256	10.43425866	9.886114669	8.860034393	2.864778345
ENSMUSG00000050189	2.122355554	6.956172438	9.886114669	12.88732275	6.445751277
ENSMUSG00000050198	9.904325918	4.869320706	7.767661525	7.249119049	10.7429188
ENSMUSG00000050243	15.56394073	26.43345526	19.06607829	35.44013757	25.06681052
ENSMUSG00000050334	4.952162959	3.478086219	4.236906287	6.443661377	4.297167518
ENSMUSG00000050343	14.14903703	2.782468975	9.886114669	4.832746033	11.45911338
ENSMUSG00000050347	0	0	0.706151048	0	0.716194586
ENSMUSG00000050431	9.196874066	9.043024169	7.767661525	5.638203705	7.161945863
ENSMUSG00000050504	6.367066661	2.782468975	7.061510478	4.832746033	4.297167518
ENSMUSG00000050538	15.56394073	9.738641413	12.71071886	6.443661377	9.310529622
ENSMUSG00000050550	10.61177777	11.1298759	11.29841676	9.665492065	3.580972932
ENSMUSG00000050577	10.61177777	4.869320706	9.179963621	6.443661377	7.87814045
ENSMUSG00000050600	34.66514071	71.64857611	73.43970897	25.77464551	28.64778345
ENSMUSG00000050603	9.196874066	9.043024169	7.061510478	3.221830688	9.310529622
ENSMUSG00000050633	0	0	0	0	0
ENSMUSG00000050671	9.196874066	8.347406925	9.179963621	7.249119049	9.310529622
ENSMUSG00000050763	14.85648888	5.56493795	7.767661525	6.443661377	4.297167518
ENSMUSG00000050766	11.31922962	4.869320706	9.179963621	1.610915344	10.7429188
ENSMUSG00000050772	10.61177777	9.043024169	7.061510478	3.221830688	5.729556691
ENSMUSG00000050776	7.781970364	9.043024169	4.943057334	3.221830688	6.445751277

ENSMUSG00000050781	2.829807405	5.56493795	7.767661525	4.02728836	5.013362104
ENSMUSG00000050799	7.074518513	5.56493795	10.59226572	10.47094974	7.161945863
ENSMUSG00000050818	4.244711108	5.56493795	5.649208382	1.610915344	5.013362104
ENSMUSG00000050853	9.196874066	11.1298759	7.061510478	5.638203705	3.580972932
ENSMUSG00000050865	10.61177777	2.782468975	8.473812573	3.221830688	6.445751277
ENSMUSG00000050896	6.367066661	4.173703463	10.59226572	5.638203705	5.013362104
ENSMUSG00000050900	7.781970364	6.260555194	4.943057334	4.02728836	8.594335036
ENSMUSG00000050933	11.31922962	4.869320706	9.179963621	3.221830688	4.297167518
ENSMUSG00000050961	9.904325918	9.043024169	4.236906287	7.249119049	7.161945863
ENSMUSG00000050974	9.904325918	8.347406925	8.473812573	11.27640741	7.161945863
ENSMUSG00000050978	9.904325918	6.956172438	10.59226572	2.416373016	7.87814045
ENSMUSG00000051002	8.489422215	4.173703463	6.35535943	4.832746033	7.161945863
ENSMUSG00000051003	7.781970364	4.173703463	4.943057334	8.860034393	9.310529622
ENSMUSG00000051008	63.67066661	79.99598303	72.73355792	99.07129367	94.5376854
ENSMUSG00000051052	8.489422215	6.260555194	7.767661525	8.054576721	6.445751277
ENSMUSG00000051074	77.11225179	112.6899935	108.0411103	126.4568545	99.5510475
ENSMUSG00000051116	9.904325918	9.043024169	9.886114669	6.443661377	5.013362104
ENSMUSG00000051133	14.85648888	21.56413456	31.77679715	8.054576721	10.02672421
ENSMUSG00000051156	7.781970364	8.347406925	4.236906287	4.832746033	4.297167518
ENSMUSG00000051160	8.489422215	10.43425866	8.473812573	4.832746033	6.445751277
ENSMUSG00000051172	8.489422215	5.56493795	4.236906287	4.832746033	7.161945863
ENSMUSG00000051182	9.904325918	9.043024169	2.118453143	7.249119049	7.161945863
ENSMUSG00000051190	12.02668147	9.738641413	6.35535943	1.610915344	11.45911338
ENSMUSG00000051198	7.074518513	11.82549314	11.29841676	3.221830688	3.580972932
ENSMUSG00000051200	10.61177777	6.956172438	7.061510478	3.221830688	4.297167518
ENSMUSG00000051258	10.61177777	6.956172438	7.061510478	4.02728836	5.013362104
ENSMUSG00000051295	13.44158517	2.782468975	7.767661525	9.665492065	6.445751277
ENSMUSG00000051340	6.367066661	6.260555194	6.35535943	4.02728836	9.310529622
ENSMUSG00000051341	21.22355554	58.43184848	51.54902649	39.46742593	44.40406435
ENSMUSG00000051362	11.31922962	4.869320706	11.29841676	2.416373016	6.445751277
ENSMUSG00000051392	12.73413332	7.651789682	5.649208382	8.860034393	6.445751277
ENSMUSG00000051401	5.65961481	2.782468975	3.530755239	0.805457672	2.864778345
ENSMUSG00000051414	9.196874066	6.956172438	7.061510478	4.832746033	7.161945863
ENSMUSG00000051424	8.489422215	2.782468975	7.767661525	7.249119049	3.580972932
ENSMUSG00000051431	8.489422215	7.651789682	7.061510478	4.832746033	5.729556691
ENSMUSG00000051509	8.489422215	6.260555194	7.061510478	5.638203705	5.729556691
ENSMUSG00000051515	9.196874066	2.086851731	7.767661525	6.443661377	8.594335036
ENSMUSG00000051527	10.61177777	7.651789682	9.179963621	4.02728836	7.161945863
ENSMUSG00000051528	7.781970364	10.43425866	8.473812573	7.249119049	6.445751277
ENSMUSG00000051537	7.074518513	4.173703463	7.767661525	2.416373016	0.716194586
ENSMUSG00000051548	9.904325918	6.956172438	5.649208382	10.47094974	8.594335036
ENSMUSG00000051582	7.074518513	8.347406925	3.530755239	4.832746033	3.580972932
ENSMUSG00000051606	4.952162959	4.869320706	9.179963621	2.416373016	5.013362104



ENSMUSG00000051616	11.31922962	8.347406925	8.473812573	3.221830688	7.87814045
ENSMUSG00000051638	5.65961481	5.56493795	4.236906287	4.02728836	2.864778345
ENSMUSG00000051639	23.34591109	29.91154148	42.36906287	23.35827249	31.5125618
ENSMUSG00000051663	8.489422215	6.956172438	8.473812573	4.832746033	5.013362104
ENSMUSG00000051687	7.074518513	7.651789682	7.767661525	7.249119049	5.729556691
ENSMUSG00000051706	4.244711108	2.782468975	2.118453143	2.416373016	5.013362104
ENSMUSG00000051723	12.73413332	8.347406925	7.061510478	9.665492065	12.17530797
ENSMUSG00000051758	9.196874066	5.56493795	8.473812573	5.638203705	3.580972932
ENSMUSG00000051793	6.367066661	9.043024169	6.35535943	6.443661377	7.161945863
ENSMUSG00000051805	4.952162959	7.651789682	4.943057334	8.860034393	7.87814045
ENSMUSG00000051832	7.074518513	6.956172438	7.061510478	6.443661377	7.161945863
ENSMUSG00000051844	79.94205919	97.38641413	91.09348516	78.93485187	73.76804239
ENSMUSG00000051877	9.196874066	8.347406925	4.943057334	4.02728836	7.161945863
ENSMUSG00000051885	9.904325918	13.21672763	7.767661525	4.832746033	7.161945863
ENSMUSG00000051917	8.489422215	7.651789682	6.35535943	8.860034393	3.580972932
ENSMUSG00000051952	9.196874066	5.56493795	6.35535943	8.054576721	6.445751277
ENSMUSG00000051985	7.781970364	9.043024169	9.886114669	6.443661377	7.87814045
ENSMUSG00000051986	7.074518513	14.60796212	8.473812573	3.221830688	8.594335036
ENSMUSG00000052005	9.904325918	6.956172438	9.179963621	8.054576721	7.87814045
ENSMUSG00000052012	10.61177777	10.43425866	11.29841676	2.416373016	7.161945863
ENSMUSG00000052025	2.122355554	4.869320706	4.943057334	1.610915344	2.864778345
ENSMUSG00000052058	12.73413332	9.738641413	7.061510478	4.02728836	4.297167518
ENSMUSG00000052125	31.12788146	46.60635533	35.30755239	33.02376456	46.55264811
ENSMUSG00000052143	9.196874066	4.173703463	5.649208382	9.665492065	11.45911338
ENSMUSG00000052154	84.89422215	116.1680797	85.44427678	113.5695318	97.40246374
ENSMUSG00000052157	7.781970364	6.260555194	2.824604191	1.610915344	2.864778345
ENSMUSG00000052182	10.61177777	7.651789682	1.412302096	3.221830688	5.729556691
ENSMUSG00000052188	11.31922962	13.21672763	7.061510478	5.638203705	9.310529622
ENSMUSG00000052192	3.537259256	3.478086219	8.473812573	5.638203705	6.445751277
ENSMUSG00000052222	0	0	0	0	0
ENSMUSG00000052236	5.65961481	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000052241	41.03220737	48.69320706	47.3121202	158.6751614	99.5510475
ENSMUSG00000052248	0	0.695617244	0.706151048	1.610915344	1.432389173
ENSMUSG00000052273	9.196874066	6.956172438	4.236906287	5.638203705	6.445751277
ENSMUSG00000052281	70.03773327	100.1688831	103.098053	157.0642461	139.6579443
ENSMUSG00000052291	101.1656147	124.5154866	105.2165061	241.6373016	176.9000628
ENSMUSG00000052295	12.02668147	6.956172438	5.649208382	7.249119049	8.594335036
ENSMUSG00000052368	8.489422215	4.869320706	6.35535943	5.638203705	7.161945863
ENSMUSG00000052371	7.074518513	12.52111039	3.530755239	9.665492065	5.729556691
ENSMUSG00000052403	55.1812444	103.6469693	91.79963621	111.1531587	101.6996313
ENSMUSG00000052415	7.074518513	4.869320706	7.061510478	5.638203705	5.729556691
ENSMUSG00000052426	5.65961481	5.56493795	5.649208382	4.02728836	1.432389173
ENSMUSG00000052482	7.074518513	1.391234488	5.649208382	5.638203705	5.729556691

ENSMUSG00000052496	7.781970364	6.260555194	1.412302096	1.610915344	3.580972932
ENSMUSG00000052544	29.0055259	52.86691053	41.66291182	23.35827249	20.769643
ENSMUSG00000052554	15.56394073	8.347406925	9.886114669	8.860034393	7.87814045
ENSMUSG00000052557	53.05888884	95.2995624	95.33039145	67.65844446	83.07857202
ENSMUSG00000052625	4.952162959	9.043024169	6.35535943	3.221830688	2.148583759
ENSMUSG00000052629	6.367066661	5.56493795	4.236906287	4.832746033	4.297167518
ENSMUSG00000052673	130.1711406	147.4708557	137.6994543	341.514053	256.3976619
ENSMUSG00000052724	145.7350814	162.0788178	146.8794179	132.9005159	124.617858
ENSMUSG00000052759	8.489422215	3.478086219	4.943057334	7.249119049	7.161945863
ENSMUSG00000052767	7.074518513	10.43425866	4.943057334	33.82922223	28.64778345
ENSMUSG00000052769	46.69182218	56.34499675	62.1412922	47.52200265	44.40406435
ENSMUSG00000052779	6.367066661	9.043024169	7.061510478	3.221830688	5.729556691
ENSMUSG00000052785	6.367066661	9.043024169	9.886114669	7.249119049	4.297167518
ENSMUSG00000052790	14.85648888	9.738641413	9.179963621	4.832746033	3.580972932
ENSMUSG00000052818	7.074518513	6.956172438	7.767661525	7.249119049	3.580972932
ENSMUSG00000052825	5.65961481	9.043024169	11.29841676	14.4982381	16.47247549
ENSMUSG00000052850	7.074518513	2.782468975	5.649208382	5.638203705	4.297167518
ENSMUSG00000052865	8.489422215	6.956172438	8.473812573	8.054576721	6.445751277
ENSMUSG00000052909	9.196874066	6.956172438	11.29841676	4.832746033	5.013362104
ENSMUSG00000052912	22.63845924	9.043024169	14.829172	8.054576721	11.45911338
ENSMUSG00000052951	3.537259256	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG00000053038	13.44158517	14.60796212	15.53532305	16.91461111	15.04008631
ENSMUSG00000053049	12.02668147	6.260555194	4.236906287	5.638203705	5.013362104
ENSMUSG00000053081	18.39374813	36.86771392	26.12758877	54.7711217	50.84981563
ENSMUSG00000053117	7.074518513	8.347406925	6.35535943	7.249119049	2.148583759
ENSMUSG00000053121	152.8095999	166.9481385	168.7701004	190.8934683	176.9000628
ENSMUSG00000053146	8.489422215	8.347406925	4.943057334	7.249119049	5.729556691
ENSMUSG00000053168	5.65961481	3.478086219	4.943057334	1.610915344	6.445751277
ENSMUSG00000053173	9.196874066	6.956172438	10.59226572	10.47094974	6.445751277
ENSMUSG00000053185	6.367066661	7.651789682	8.473812573	2.416373016	6.445751277
ENSMUSG00000053205	29.0055259	59.82308296	53.66747963	73.29664816	55.14698315
ENSMUSG00000053208	10.61177777	6.260555194	5.649208382	9.665492065	6.445751277
ENSMUSG00000053214	5.65961481	6.260555194	7.061510478	4.02728836	4.297167518
ENSMUSG00000053217	12.73413332	9.738641413	8.473812573	8.054576721	7.161945863
ENSMUSG00000053263	13.44158517	22.2597518	17.65377619	12.88732275	17.18867007
ENSMUSG00000053287	8.489422215	6.956172438	7.767661525	8.054576721	5.729556691
ENSMUSG00000053297	8.489422215	6.260555194	5.649208382	6.443661377	7.87814045
ENSMUSG00000053332	3.537259256	6.956172438	3.530755239	5.638203705	10.02672421
ENSMUSG00000053338	10.61177777	12.52111039	7.767661525	4.832746033	5.013362104
ENSMUSG00000053353	17.68629628	18.78166558	19.77222934	38.66196826	22.91822676
ENSMUSG00000053360	6.367066661	5.56493795	9.886114669	6.443661377	3.580972932
ENSMUSG00000053391	14.85648888	9.043024169	9.179963621	5.638203705	7.87814045
ENSMUSG00000053465	9.904325918	4.173703463	4.943057334	4.832746033	9.310529622

ENSMUSG00000053472	14.14903703	11.82549314	13.41686991	9.665492065	11.45911338
ENSMUSG00000053528	7.074518513	8.347406925	10.59226572	7.249119049	6.445751277
ENSMUSG00000053541	23.34591109	45.21512085	52.96132858	27.38556085	37.95831308
ENSMUSG00000053545	7.074518513	2.782468975	6.35535943	5.638203705	2.864778345
ENSMUSG00000053574	11.31922962	13.91234488	18.35992724	24.16373016	19.33725383
ENSMUSG00000053588	53.7663407	65.38802092	63.5535943	64.43661377	53.71459398
ENSMUSG00000053613	7.781970364	5.56493795	5.649208382	8.860034393	5.013362104
ENSMUSG00000053640	4.244711108	5.56493795	6.35535943	4.832746033	9.310529622
ENSMUSG00000053654	7.781970364	6.260555194	5.649208382	8.054576721	6.445751277
ENSMUSG00000053656	2.122355554	2.086851731	0	0	0.716194586
ENSMUSG00000053664	7.074518513	7.651789682	12.71071886	8.860034393	6.445751277
ENSMUSG00000053714	14.85648888	20.86851731	18.35992724	16.10915344	15.7562809
ENSMUSG00000053740	10.61177777	5.56493795	9.886114669	8.054576721	10.7429188
ENSMUSG00000053754	103.9954221	156.5138799	151.1163242	149.0096693	131.0636093
ENSMUSG00000053773	11.31922962	4.173703463	9.179963621	6.443661377	9.310529622
ENSMUSG00000053821	7.781970364	9.043024169	4.943057334	8.054576721	12.17530797
ENSMUSG00000053861	7.074518513	3.478086219	7.061510478	2.416373016	5.013362104
ENSMUSG00000053889	12.02668147	6.260555194	7.767661525	7.249119049	8.594335036
ENSMUSG00000053925	45.98437033	73.0398106	71.32125582	105.514955	85.22715578
ENSMUSG00000053930	4.952162959	4.869320706	7.767661525	3.221830688	2.148583759
ENSMUSG00000053957	7.074518513	4.173703463	10.59226572	66.04752911	45.12025894
ENSMUSG00000053985	7.781970364	14.60796212	9.179963621	12.08186508	8.594335036
ENSMUSG00000054006	14.85648888	21.56413456	30.36449505	11.27640741	17.18867007
ENSMUSG00000054031	10.61177777	6.956172438	9.886114669	6.443661377	3.580972932
ENSMUSG00000054036	9.904325918	4.869320706	10.59226572	6.443661377	10.7429188
ENSMUSG00000054061	7.781970364	6.956172438	4.943057334	7.249119049	5.729556691
ENSMUSG00000054069	4.244711108	6.956172438	2.118453143	8.054576721	5.729556691
ENSMUSG00000054116	42.44711108	59.82308296	60.02283906	57.18749472	42.97167518
ENSMUSG00000054135	13.44158517	18.78166558	12.00456781	20.94189947	17.18867007
ENSMUSG00000054156	12.73413332	8.347406925	4.236906287	2.416373016	4.297167518
ENSMUSG00000054181	33.95768886	65.38802092	50.84287544	46.71654498	41.53928601
ENSMUSG00000054236	8.489422215	9.043024169	4.943057334	7.249119049	7.87814045
ENSMUSG00000054247	48.81417774	90.43024169	66.37819849	88.60034393	98.11865833
ENSMUSG00000054304	6.367066661	2.782468975	6.35535943	2.416373016	7.87814045
ENSMUSG00000054351	2.122355554	5.56493795	7.767661525	6.443661377	5.013362104
ENSMUSG00000054379	9.196874066	4.173703463	10.59226572	10.47094974	8.594335036
ENSMUSG00000054391	18.39374813	15.99919661	16.94762515	15.30369577	21.48583759
ENSMUSG00000054406	7.781970364	5.56493795	4.236906287	3.221830688	10.7429188
ENSMUSG00000054412	7.781970364	5.56493795	4.943057334	5.638203705	7.87814045
ENSMUSG00000054418	6.367066661	5.56493795	4.236906287	6.443661377	2.864778345
ENSMUSG00000054426	61.54831106	107.8206728	96.74269354	99.87675134	88.80812871
ENSMUSG00000054431	1.414903703	9.043024169	6.35535943	3.221830688	4.297167518
ENSMUSG00000054457	7.781970364	6.260555194	4.943057334	3.221830688	4.297167518

ENSMUSG00000054488	8.489422215	5.56493795	7.767661525	4.832746033	8.594335036
ENSMUSG00000054493	7.781970364	9.738641413	6.35535943	1.610915344	8.594335036
ENSMUSG00000054510	8.489422215	4.869320706	14.12302096	5.638203705	6.445751277
ENSMUSG00000054514	48.81417774	88.34338996	70.61510478	166.7297381	141.0903335
ENSMUSG00000054556	8.489422215	4.173703463	7.061510478	8.054576721	9.310529622
ENSMUSG00000054618	5.65961481	9.043024169	9.179963621	6.443661377	7.161945863
ENSMUSG00000054622	9.196874066	2.782468975	4.236906287	8.054576721	9.310529622
ENSMUSG00000054640	7.074518513	4.173703463	7.061510478	4.02728836	9.310529622
ENSMUSG00000054648	38.20239997	49.38882431	49.43057334	91.82217462	71.61945863
ENSMUSG00000054714	7.074518513	9.043024169	11.29841676	8.054576721	6.445751277
ENSMUSG00000054745	7.074518513	7.651789682	6.35535943	4.02728836	4.297167518
ENSMUSG00000054779	7.074518513	5.56493795	9.886114669	11.27640741	11.45911338
ENSMUSG00000054822	15.56394073	27.82468975	28.24604191	19.33098413	14.32389173
ENSMUSG00000054890	7.781970364	5.56493795	7.061510478	8.860034393	5.013362104
ENSMUSG00000054909	7.074518513	7.651789682	11.29841676	9.665492065	4.297167518
ENSMUSG00000054910	93.38364437	146.0796212	103.098053	124.8459392	96.68626916
ENSMUSG00000054944	8.489422215	6.956172438	8.473812573	5.638203705	5.013362104
ENSMUSG00000054957	7.781970364	20.86851731	19.77222934	12.08186508	16.47247549
ENSMUSG00000054967	14.85648888	10.43425866	8.473812573	6.443661377	6.445751277
ENSMUSG00000054978	9.196874066	3.478086219	5.649208382	12.08186508	5.013362104
ENSMUSG00000055045	10.61177777	4.173703463	5.649208382	4.832746033	5.013362104
ENSMUSG00000055048	7.074518513	6.956172438	7.061510478	4.832746033	8.594335036
ENSMUSG00000055061	57.30359995	86.25653823	86.15042783	39.46742593	37.95831308
ENSMUSG00000055088	4.952162959	2.086851731	6.35535943	4.832746033	4.297167518
ENSMUSG00000055093	7.781970364	13.21672763	9.886114669	9.665492065	17.18867007
ENSMUSG00000055110	2.829807405	3.478086219	4.236906287	4.832746033	2.864778345
ENSMUSG00000055114	9.196874066	6.956172438	5.649208382	6.443661377	9.310529622
ENSMUSG00000055134	5.65961481	5.56493795	4.943057334	6.443661377	6.445751277
ENSMUSG00000055137	24.05336294	59.12746572	31.77679715	91.82217462	73.05184781
ENSMUSG00000055150	11.31922962	9.043024169	9.179963621	7.249119049	8.594335036
ENSMUSG00000055159	86.30912585	107.1250555	90.38733411	183.6443492	138.2255552
ENSMUSG00000055188	32.54278516	54.95376226	45.19366706	148.2042117	83.07857202
ENSMUSG00000055193	6.367066661	4.173703463	5.649208382	1.610915344	7.87814045
ENSMUSG00000055198	9.196874066	7.651789682	3.530755239	3.221830688	7.87814045
ENSMUSG00000055202	0	0	0	0	0
ENSMUSG00000055216	11.31922962	18.78166558	14.12302096	6.443661377	10.7429188
ENSMUSG00000055228	58.71850365	77.9091313	62.84744325	45.91108731	63.0251236
ENSMUSG00000055370	7.074518513	14.60796212	12.00456781	6.443661377	9.310529622
ENSMUSG00000055385	8.489422215	6.956172438	2.824604191	8.860034393	5.729556691
ENSMUSG00000055408	0	0	0	0	0
ENSMUSG00000055413	89.84638511	131.4716591	113.6903187	221.5008598	178.332452
ENSMUSG00000055416	9.196874066	9.738641413	7.767661525	5.638203705	7.87814045
ENSMUSG00000055421	11.31922962	6.260555194	7.767661525	4.02728836	2.864778345

ENSMUSG00000055424	95.50599992	140.5146832	111.5718655	108.7367857	93.10529622
ENSMUSG00000055452	19.10119998	13.91234488	14.12302096	18.52552646	23.63442135
ENSMUSG00000055471	9.196874066	6.260555194	4.943057334	3.221830688	7.87814045
ENSMUSG00000055494	14.85648888	6.260555194	9.179963621	8.054576721	5.729556691
ENSMUSG00000055497	8.489422215	4.173703463	5.649208382	6.443661377	8.594335036
ENSMUSG00000055523	9.904325918	10.43425866	8.473812573	12.08186508	7.161945863
ENSMUSG00000055571	4.952162959	9.043024169	7.767661525	2.416373016	9.310529622
ENSMUSG00000055621	4.244711108	3.478086219	7.061510478	8.054576721	2.864778345
ENSMUSG00000055629	7.781970364	9.738641413	5.649208382	5.638203705	5.013362104
ENSMUSG00000055632	6.367066661	4.173703463	7.767661525	3.221830688	10.02672421
ENSMUSG00000055700	8.489422215	2.086851731	4.236906287	4.02728836	2.864778345
ENSMUSG00000055763	9.904325918	7.651789682	9.179963621	4.02728836	7.161945863
ENSMUSG00000055771	7.074518513	8.347406925	2.824604191	6.443661377	5.729556691
ENSMUSG00000055795	4.952162959	4.869320706	7.061510478	3.221830688	5.729556691
ENSMUSG00000055820	4.952162959	6.260555194	7.061510478	2.416373016	10.7429188
ENSMUSG00000055833	30.4204296	52.17129328	44.48751601	45.10562964	50.13362104
ENSMUSG00000055838	6.367066661	6.956172438	9.886114669	5.638203705	6.445751277
ENSMUSG00000055872	14.85648888	18.78166558	19.77222934	12.08186508	17.18867007
ENSMUSG00000055897	58.0110518	79.99598303	93.91808935	86.18397091	88.09193412
ENSMUSG00000055944	4.244711108	2.782468975	7.061510478	4.832746033	7.161945863
ENSMUSG00000055958	7.074518513	6.956172438	4.943057334	6.443661377	4.297167518
ENSMUSG00000055968	16.27139258	26.43345526	24.00913562	92.62763229	63.0251236
ENSMUSG00000055972	9.196874066	6.956172438	8.473812573	7.249119049	7.161945863
ENSMUSG00000056031	9.904325918	4.173703463	4.943057334	4.832746033	5.729556691
ENSMUSG00000056032	9.904325918	7.651789682	5.649208382	7.249119049	4.297167518
ENSMUSG00000056050	33.95768886	60.51870021	55.07978173	57.18749472	55.14698315
ENSMUSG00000056061	9.196874066	6.260555194	8.473812573	2.416373016	5.729556691
ENSMUSG00000056115	12.02668147	11.82549314	13.41686991	7.249119049	14.32389173
ENSMUSG00000056128	9.904325918	5.56493795	6.35535943	7.249119049	12.17530797
ENSMUSG00000056145	100.4581629	134.9497453	107.3349593	102.2931244	88.09193412
ENSMUSG00000056219	11.31922962	12.52111039	9.886114669	10.47094974	7.161945863
ENSMUSG00000056258	9.904325918	6.260555194	5.649208382	8.860034393	5.729556691
ENSMUSG00000056281	2.829807405	4.869320706	6.35535943	4.832746033	3.580972932
ENSMUSG00000056288	9.904325918	12.52111039	13.41686991	5.638203705	7.161945863
ENSMUSG00000056329	12.02668147	4.173703463	10.59226572	4.02728836	5.013362104
ENSMUSG00000056332	9.904325918	11.1298759	10.59226572	4.832746033	5.013362104
ENSMUSG00000056359	9.904325918	6.260555194	6.35535943	4.832746033	10.7429188
ENSMUSG00000056411	28.29807405	45.91073809	38.13215658	121.6241085	85.94335036
ENSMUSG00000056412	16.27139258	16.69481385	13.41686991	20.1364418	19.33725383
ENSMUSG00000056418	14.85648888	14.60796212	15.53532305	8.860034393	10.7429188
ENSMUSG00000056445	5.65961481	3.478086219	7.767661525	4.832746033	8.594335036
ENSMUSG00000056509	12.02668147	8.347406925	9.886114669	10.47094974	5.729556691
ENSMUSG00000056564	7.781970364	3.478086219	8.473812573	5.638203705	7.161945863

ENSMUSG00000056579	19.10119998	27.82468975	16.2414741	32.21830688	32.22875639
ENSMUSG00000056590	0	0	0	0	0
ENSMUSG00000056605	6.367066661	3.478086219	8.473812573	8.054576721	5.013362104
ENSMUSG00000056682	91.96874066	122.4286349	103.804204	130.4841429	89.52432329
ENSMUSG00000056687	101.8730666	116.863697	110.8657145	212.6408254	161.8599765
ENSMUSG00000056696	10.61177777	6.260555194	7.061510478	6.443661377	2.864778345
ENSMUSG00000056699	20.51610369	15.30357936	19.77222934	9.665492065	14.32389173
ENSMUSG00000056716	6.367066661	4.869320706	9.179963621	9.665492065	9.310529622
ENSMUSG00000056735	13.44158517	30.60715873	28.24604191	22.55281482	23.63442135
ENSMUSG00000056738	8.489422215	6.956172438	7.061510478	4.832746033	10.02672421
ENSMUSG00000056771	3.537259256	4.173703463	5.649208382	3.221830688	7.161945863
ENSMUSG00000056772	11.31922962	9.738641413	7.767661525	5.638203705	5.013362104
ENSMUSG00000056777	16.97884443	6.260555194	9.179963621	3.221830688	8.594335036
ENSMUSG00000056782	7.074518513	5.56493795	4.943057334	1.610915344	11.45911338
ENSMUSG00000056797	7.781970364	6.260555194	7.061510478	7.249119049	4.297167518
ENSMUSG00000056821	4.244711108	9.738641413	7.061510478	5.638203705	7.161945863
ENSMUSG00000056836	15.56394073	8.347406925	6.35535943	8.860034393	5.729556691
ENSMUSG00000056849	9.904325918	6.956172438	11.29841676	8.054576721	12.89150255
ENSMUSG00000056853	7.781970364	7.651789682	9.179963621	6.443661377	7.161945863
ENSMUSG00000056858	13.44158517	9.043024169	8.473812573	5.638203705	2.864778345
ENSMUSG00000056872	10.61177777	16.69481385	14.12302096	11.27640741	18.62105924
ENSMUSG00000056877	10.61177777	6.956172438	14.12302096	5.638203705	12.89150255
ENSMUSG00000056885	11.31922962	2.086851731	7.767661525	8.860034393	6.445751277
ENSMUSG00000056901	7.074518513	5.56493795	12.00456781	3.221830688	5.013362104
ENSMUSG00000056904	9.904325918	6.260555194	13.41686991	15.30369577	13.60769714
ENSMUSG00000056910	7.781970364	10.43425866	4.236906287	9.665492065	6.445751277
ENSMUSG00000056921	6.367066661	3.478086219	5.649208382	5.638203705	10.02672421
ENSMUSG00000056926	7.074518513	5.56493795	9.886114669	7.249119049	5.729556691
ENSMUSG00000056943	6.367066661	8.347406925	9.886114669	5.638203705	7.161945863
ENSMUSG00000056959	9.904325918	4.173703463	4.236906287	5.638203705	8.594335036
ENSMUSG00000056961	7.074518513	6.956172438	5.649208382	4.832746033	5.013362104
ENSMUSG00000056995	6.367066661	10.43425866	7.061510478	4.832746033	7.161945863
ENSMUSG00000056999	77.11225179	95.99517964	72.02740687	107.9313281	95.97007457
ENSMUSG00000057021	15.56394073	13.91234488	12.71071886	8.054576721	12.17530797
ENSMUSG00000057050	9.904325918	6.956172438	8.473812573	3.221830688	5.013362104
ENSMUSG00000057067	5.65961481	6.260555194	7.061510478	2.416373016	6.445751277
ENSMUSG00000057116	12.02668147	6.260555194	12.00456781	7.249119049	7.161945863
ENSMUSG00000057149	7.074518513	7.651789682	4.943057334	4.832746033	5.729556691
ENSMUSG00000057157	5.65961481	10.43425866	8.473812573	7.249119049	7.87814045
ENSMUSG00000057160	7.074518513	5.56493795	7.767661525	10.47094974	12.89150255
ENSMUSG00000057161	6.367066661	9.043024169	9.179963621	3.221830688	5.729556691
ENSMUSG00000057203	11.31922962	8.347406925	8.473812573	8.860034393	2.864778345
ENSMUSG00000057207	12.02668147	9.043024169	8.473812573	7.249119049	4.297167518

ENSMUSG00000057215	11.31922962	7.651789682	7.767661525	5.638203705	4.297167518
ENSMUSG00000057216	54.47379255	42.43265187	58.61053696	44.30017197	42.97167518
ENSMUSG00000057244	10.61177777	11.1298759	7.767661525	12.88732275	15.7562809
ENSMUSG00000057262	12.02668147	13.91234488	12.71071886	16.10915344	15.04008631
ENSMUSG00000057270	9.904325918	10.43425866	8.473812573	7.249119049	8.594335036
ENSMUSG00000057278	84.89422215	132.8628936	97.44884459	249.6918783	197.6697058
ENSMUSG00000057290	9.904325918	11.1298759	7.061510478	8.054576721	10.02672421
ENSMUSG00000057321	5.65961481	6.956172438	7.061510478	5.638203705	5.729556691
ENSMUSG00000057349	8.489422215	6.260555194	9.886114669	5.638203705	10.02672421
ENSMUSG00000057351	10.61177777	8.347406925	2.118453143	4.02728836	6.445751277
ENSMUSG00000057359	0	0	0	0.805457672	0
ENSMUSG00000057370	8.489422215	9.738641413	4.943057334	6.443661377	5.013362104
ENSMUSG00000057381	12.73413332	9.738641413	6.35535943	4.832746033	2.148583759
ENSMUSG00000057409	63.67066661	89.0390072	81.20737049	89.4058016	103.1320204
ENSMUSG00000057424	10.61177777	7.651789682	7.061510478	5.638203705	5.013362104
ENSMUSG00000057447	10.61177777	6.956172438	5.649208382	4.02728836	6.445751277
ENSMUSG00000057461	8.489422215	7.651789682	6.35535943	3.221830688	9.310529622
ENSMUSG00000057464	7.074518513	6.956172438	5.649208382	5.638203705	3.580972932
ENSMUSG00000057499	9.904325918	11.1298759	9.179963621	7.249119049	7.161945863
ENSMUSG00000057513	7.074518513	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG00000057551	12.02668147	28.52030699	21.89068248	19.33098413	14.32389173
ENSMUSG00000057577	10.61177777	9.738641413	6.35535943	6.443661377	7.161945863
ENSMUSG00000057580	50.93653329	82.08283477	73.43970897	57.18749472	73.76804239
ENSMUSG00000057592	13.44158517	7.651789682	9.886114669	6.443661377	8.594335036
ENSMUSG00000057605	21.93100739	36.17209668	15.53532305	16.91461111	34.37734014
ENSMUSG00000057610	7.781970364	5.56493795	7.767661525	5.638203705	7.161945863
ENSMUSG00000057612	7.781970364	4.869320706	4.236906287	7.249119049	6.445751277
ENSMUSG00000057626	13.44158517	6.260555194	7.061510478	8.054576721	6.445751277
ENSMUSG00000057657	6.367066661	5.56493795	10.59226572	7.249119049	12.89150255
ENSMUSG00000057685	5.65961481	8.347406925	7.767661525	4.02728836	5.729556691
ENSMUSG00000057696	7.074518513	11.82549314	9.179963621	11.27640741	7.87814045
ENSMUSG00000057735	11.31922962	8.347406925	8.473812573	2.416373016	4.297167518
ENSMUSG00000057754	13.44158517	5.56493795	4.236906287	2.416373016	7.161945863
ENSMUSG00000057761	9.196874066	6.260555194	5.649208382	6.443661377	4.297167518
ENSMUSG00000057770	12.73413332	6.260555194	4.943057334	4.02728836	5.013362104
ENSMUSG00000057799	2.829807405	4.869320706	4.943057334	7.249119049	3.580972932
ENSMUSG00000057802	6.367066661	6.260555194	9.886114669	5.638203705	6.445751277
ENSMUSG00000057816	8.489422215	6.260555194	8.473812573	8.860034393	5.013362104
ENSMUSG00000057818	9.904325918	6.260555194	10.59226572	7.249119049	4.297167518
ENSMUSG00000057829	0	0.695617244	0	0.805457672	1.432389173
ENSMUSG00000057886	9.196874066	6.956172438	8.473812573	9.665492065	11.45911338
ENSMUSG00000057890	7.781970364	7.651789682	9.179963621	1.610915344	5.729556691
ENSMUSG00000057903	10.61177777	9.738641413	5.649208382	7.249119049	5.729556691

ENSMUSG00000057924	0.707451851	1.391234488	2.118453143	0	0
ENSMUSG00000057945	147.1499851	187.8166558	177.243913	252.913709	214.8583759
ENSMUSG00000057981	7.074518513	4.173703463	9.886114669	7.249119049	5.729556691
ENSMUSG00000057990	36.78749627	53.56252777	51.54902649	33.82922223	39.39070225
ENSMUSG00000058005	10.61177777	8.347406925	12.71071886	9.665492065	8.594335036
ENSMUSG00000058050	12.02668147	7.651789682	2.824604191	11.27640741	12.17530797
ENSMUSG00000058052	8.489422215	7.651789682	10.59226572	10.47094974	10.02672421
ENSMUSG00000058064	12.73413332	10.43425866	9.886114669	19.33098413	14.32389173
ENSMUSG00000058071	5.65961481	8.347406925	14.829172	1.610915344	8.594335036
ENSMUSG00000058073	8.489422215	11.1298759	5.649208382	9.665492065	7.161945863
ENSMUSG00000058078	8.489422215	2.782468975	4.236906287	6.443661377	9.310529622
ENSMUSG00000058084	7.074518513	7.651789682	6.35535943	5.638203705	7.87814045
ENSMUSG00000058101	9.904325918	5.56493795	7.061510478	7.249119049	7.87814045
ENSMUSG00000058132	7.074518513	5.56493795	5.649208382	4.02728836	6.445751277
ENSMUSG00000058159	10.61177777	4.869320706	5.649208382	4.832746033	3.580972932
ENSMUSG00000058176	9.196874066	8.347406925	11.29841676	5.638203705	7.161945863
ENSMUSG00000058188	10.61177777	7.651789682	2.118453143	2.416373016	9.310529622
ENSMUSG00000058194	12.02668147	9.043024169	2.824604191	2.416373016	5.013362104
ENSMUSG00000058200	4.952162959	1.391234488	2.824604191	2.416373016	2.148583759
ENSMUSG00000058246	7.781970364	4.869320706	8.473812573	5.638203705	5.013362104
ENSMUSG00000058250	4.952162959	9.043024169	7.767661525	8.860034393	5.013362104
ENSMUSG00000058254	7.074518513	4.173703463	5.649208382	1.610915344	2.864778345
ENSMUSG00000058275	9.904325918	9.043024169	5.649208382	7.249119049	7.87814045
ENSMUSG00000058281	4.244711108	5.56493795	9.179963621	4.02728836	6.445751277
ENSMUSG00000058298	27.5906222	39.6501829	45.8998181	51.54929101	53.71459398
ENSMUSG00000058357	51.64398514	95.2995624	84.03197468	200.5589604	150.4008631
ENSMUSG00000058360	12.02668147	6.956172438	12.00456781	9.665492065	8.594335036
ENSMUSG00000058399	9.904325918	6.260555194	7.061510478	6.443661377	7.161945863
ENSMUSG00000058430	10.61177777	11.1298759	7.061510478	8.860034393	8.594335036
ENSMUSG00000058435	2.122355554	8.347406925	3.530755239	8.860034393	8.594335036
ENSMUSG00000058463	7.781970364	9.738641413	4.236906287	6.443661377	1.432389173
ENSMUSG00000058492	7.074518513	5.56493795	8.473812573	7.249119049	7.87814045
ENSMUSG00000058508	8.489422215	10.43425866	6.35535943	2.416373016	7.87814045
ENSMUSG00000058513	6.367066661	11.1298759	7.061510478	8.054576721	4.297167518
ENSMUSG00000058521	11.31922962	6.260555194	8.473812573	10.47094974	4.297167518
ENSMUSG00000058542	1.414903703	2.782468975	1.412302096	0.805457672	2.148583759
ENSMUSG00000058567	44.56946663	79.99598303	71.32125582	53.16020636	50.84981563
ENSMUSG00000058581	11.31922962	8.347406925	12.00456781	7.249119049	8.594335036
ENSMUSG00000058590	9.904325918	8.347406925	5.649208382	2.416373016	6.445751277
ENSMUSG00000058603	11.31922962	12.52111039	8.473812573	13.69278043	12.89150255
ENSMUSG00000058607	6.367066661	8.347406925	5.649208382	9.665492065	3.580972932
ENSMUSG00000058613	0	0	0	0	0
ENSMUSG00000058622	9.904325918	8.347406925	7.061510478	8.860034393	5.013362104



ENSMUSG00000058625	9.904325918	9.043024169	8.473812573	11.27640741	19.33725383
ENSMUSG00000058661	9.196874066	11.1298759	7.767661525	8.054576721	10.7429188
ENSMUSG00000058662	7.074518513	4.173703463	5.649208382	3.221830688	8.594335036
ENSMUSG00000058685	8.489422215	6.260555194	8.473812573	4.02728836	7.161945863
ENSMUSG00000058700	7.781970364	7.651789682	12.71071886	9.665492065	9.310529622
ENSMUSG00000058717	9.904325918	5.56493795	7.767661525	4.832746033	8.594335036
ENSMUSG00000058725	7.781970364	7.651789682	5.649208382	4.832746033	7.87814045
ENSMUSG00000058728	12.02668147	7.651789682	5.649208382	5.638203705	10.02672421
ENSMUSG00000058731	9.196874066	6.956172438	9.886114669	1.610915344	5.013362104
ENSMUSG00000058745	14.85648888	12.52111039	9.179963621	10.47094974	14.32389173
ENSMUSG00000058748	36.78749627	57.04061399	57.19823487	57.99295239	65.88990194
ENSMUSG00000058807	12.02668147	4.869320706	7.767661525	3.221830688	8.594335036
ENSMUSG00000058809	15.56394073	9.738641413	10.59226572	20.1364418	12.89150255
ENSMUSG00000058812	89.13893326	135.6453625	98.86114669	202.1698757	139.6579443
ENSMUSG00000058816	9.196874066	11.1298759	8.473812573	4.02728836	4.297167518
ENSMUSG00000058838	14.14903703	15.30357936	12.71071886	11.27640741	13.60769714
ENSMUSG00000058869	13.44158517	9.043024169	4.943057334	8.054576721	14.32389173
ENSMUSG00000058873	15.56394073	11.82549314	12.00456781	7.249119049	6.445751277
ENSMUSG00000058884	9.196874066	2.782468975	6.35535943	4.832746033	6.445751277
ENSMUSG00000058905	6.367066661	9.043024169	9.886114669	11.27640741	9.310529622
ENSMUSG00000058922	0	0	0	0	0
ENSMUSG00000058932	4.244711108	4.173703463	5.649208382	8.054576721	6.445751277
ENSMUSG00000058933	11.31922962	4.869320706	9.886114669	4.832746033	10.7429188
ENSMUSG00000058934	6.367066661	8.347406925	7.767661525	7.249119049	9.310529622
ENSMUSG00000058953	8.489422215	6.956172438	9.179963621	5.638203705	5.013362104
ENSMUSG00000059014	10.61177777	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000059023	7.781970364	11.82549314	7.767661525	1.610915344	5.013362104
ENSMUSG00000059027	16.27139258	17.39043109	18.35992724	15.30369577	11.45911338
ENSMUSG00000059031	10.61177777	11.1298759	9.886114669	5.638203705	6.445751277
ENSMUSG00000059033	11.31922962	12.52111039	14.829172	20.94189947	14.32389173
ENSMUSG00000059041	5.65961481	9.043024169	7.061510478	8.054576721	4.297167518
ENSMUSG00000059043	8.489422215	5.56493795	9.179963621	3.221830688	9.310529622
ENSMUSG00000059058	7.781970364	13.21672763	16.94762515	7.249119049	9.310529622
ENSMUSG00000059064	7.781970364	12.52111039	8.473812573	13.69278043	15.7562809
ENSMUSG00000059087	9.904325918	6.956172438	5.649208382	10.47094974	8.594335036
ENSMUSG00000059101	9.196874066	6.260555194	7.767661525	8.054576721	12.17530797
ENSMUSG00000059112	7.781970364	3.478086219	7.061510478	3.221830688	5.729556691
ENSMUSG00000059134	9.904325918	5.56493795	4.943057334	1.610915344	5.013362104
ENSMUSG00000059136	6.367066661	5.56493795	7.061510478	7.249119049	10.7429188
ENSMUSG00000059150	189.5970961	241.3791836	253.5082261	215.8626561	192.6563437
ENSMUSG00000059159	5.65961481	7.651789682	10.59226572	5.638203705	9.310529622
ENSMUSG00000059169	9.904325918	6.260555194	7.061510478	8.860034393	5.013362104
ENSMUSG00000059179	24.76081479	21.56413456	17.65377619	23.35827249	16.47247549

ENSMUSG00000059195	23.34591109	27.12907251	23.30298458	68.46390213	44.40406435
ENSMUSG00000059205	5.65961481	3.478086219	4.943057334	4.02728836	6.445751277
ENSMUSG00000059229	7.074518513	6.260555194	7.767661525	8.054576721	10.7429188
ENSMUSG00000059237	1.414903703	3.478086219	2.118453143	1.610915344	2.864778345
ENSMUSG00000059244	10.61177777	7.651789682	9.886114669	4.02728836	8.594335036
ENSMUSG00000059251	9.196874066	7.651789682	3.530755239	2.416373016	3.580972932
ENSMUSG00000059252	12.73413332	6.956172438	8.473812573	4.832746033	6.445751277
ENSMUSG00000059277	145.7350814	163.4700523	179.3623661	178.8116032	142.5227227
ENSMUSG00000059280	9.196874066	6.260555194	8.473812573	5.638203705	5.729556691
ENSMUSG00000059303	9.196874066	8.347406925	9.179963621	4.02728836	7.161945863
ENSMUSG00000059352	7.781970364	8.347406925	7.061510478	4.832746033	7.87814045
ENSMUSG00000059371	7.074518513	6.260555194	7.767661525	8.054576721	6.445751277
ENSMUSG00000059379	6.367066661	11.82549314	7.061510478	5.638203705	5.013362104
ENSMUSG00000059382	9.196874066	8.347406925	5.649208382	4.02728836	4.297167518
ENSMUSG00000059397	8.489422215	6.260555194	4.943057334	4.02728836	10.7429188
ENSMUSG00000059410	7.074518513	8.347406925	9.179963621	2.416373016	6.445751277
ENSMUSG00000059422	12.02668147	12.52111039	15.53532305	9.665492065	13.60769714
ENSMUSG00000059429	12.02668147	6.260555194	11.29841676	7.249119049	4.297167518
ENSMUSG00000059448	10.61177777	8.347406925	6.35535943	11.27640741	9.310529622
ENSMUSG00000059459	9.904325918	9.043024169	9.179963621	7.249119049	4.297167518
ENSMUSG00000059460	10.61177777	6.260555194	12.00456781	6.443661377	4.297167518
ENSMUSG00000059461	2.122355554	3.478086219	4.236906287	10.47094974	10.02672421
ENSMUSG00000059483	7.781970364	9.738641413	8.473812573	1.610915344	7.87814045
ENSMUSG00000059504	9.196874066	7.651789682	7.767661525	6.443661377	10.02672421
ENSMUSG00000059511	11.31922962	6.260555194	9.179963621	4.832746033	7.161945863
ENSMUSG00000059565	10.61177777	14.60796212	14.829172	6.443661377	9.310529622
ENSMUSG00000059571	80.64951104	132.8628936	113.6903187	82.15668255	95.97007457
ENSMUSG00000059585	9.196874066	11.1298759	8.473812573	6.443661377	5.729556691
ENSMUSG00000059595	4.952162959	9.043024169	10.59226572	7.249119049	7.161945863
ENSMUSG00000059610	7.781970364	6.260555194	5.649208382	2.416373016	5.013362104
ENSMUSG00000059639	6.367066661	9.738641413	10.59226572	5.638203705	5.013362104
ENSMUSG00000059647	9.196874066	9.043024169	4.943057334	7.249119049	13.60769714
ENSMUSG00000059658	9.904325918	4.173703463	10.59226572	4.832746033	10.02672421
ENSMUSG00000059659	38.90985182	57.04061399	57.19823487	111.1531587	98.11865833
ENSMUSG00000059695	4.244711108	4.173703463	8.473812573	3.221830688	5.729556691
ENSMUSG00000059706	80.64951104	95.2995624	101.6857509	84.57305557	70.18706946
ENSMUSG00000059729	9.904325918	8.347406925	9.179963621	4.02728836	9.310529622
ENSMUSG00000059731	9.904325918	3.478086219	8.473812573	3.221830688	3.580972932
ENSMUSG00000059751	9.904325918	9.738641413	5.649208382	8.054576721	8.594335036
ENSMUSG00000059763	8.489422215	9.043024169	6.35535943	4.832746033	9.310529622
ENSMUSG00000059768	12.02668147	7.651789682	7.061510478	7.249119049	2.148583759
ENSMUSG00000059776	20.51610369	19.47728283	16.2414741	19.33098413	17.90486466
ENSMUSG00000059821	9.196874066	6.260555194	7.767661525	3.221830688	10.7429188

ENSMUSG00000059827	6.367066661	4.173703463	6.35535943	7.249119049	2.864778345
ENSMUSG00000059830	15.56394073	6.260555194	8.473812573	8.860034393	7.161945863
ENSMUSG00000059835	12.73413332	11.1298759	12.00456781	14.4982381	11.45911338
ENSMUSG00000059862	7.781970364	4.869320706	7.767661525	8.860034393	5.729556691
ENSMUSG00000059864	7.074518513	9.738641413	7.767661525	3.221830688	8.594335036
ENSMUSG00000059873	10.61177777	4.173703463	6.35535943	4.832746033	5.013362104
ENSMUSG00000059874	9.196874066	8.347406925	2.824604191	5.638203705	5.013362104
ENSMUSG00000059877	10.61177777	11.1298759	8.473812573	6.443661377	3.580972932
ENSMUSG00000059897	26.88317035	35.47647943	31.0706461	31.41284921	35.09353473
ENSMUSG00000059910	10.61177777	14.60796212	6.35535943	4.02728836	8.594335036
ENSMUSG00000059912	9.196874066	9.043024169	7.767661525	12.88732275	5.729556691
ENSMUSG00000059972	7.074518513	6.956172438	7.767661525	2.416373016	5.729556691
ENSMUSG00000060024	5.65961481	5.56493795	9.179963621	6.443661377	5.013362104
ENSMUSG00000060029	42.44711108	50.7800588	49.43057334	70.88027514	73.76804239
ENSMUSG00000060030	9.196874066	4.173703463	3.530755239	10.47094974	6.445751277
ENSMUSG00000060068	7.781970364	10.43425866	7.061510478	4.02728836	4.297167518
ENSMUSG00000060070	8.489422215	7.651789682	9.886114669	6.443661377	6.445751277
ENSMUSG00000060081	7.074518513	11.1298759	5.649208382	8.860034393	7.87814045
ENSMUSG00000060084	12.02668147	5.56493795	4.943057334	6.443661377	4.297167518
ENSMUSG00000060096	19.10119998	12.52111039	17.65377619	13.69278043	14.32389173
ENSMUSG00000060105	9.196874066	5.56493795	7.767661525	4.832746033	5.013362104
ENSMUSG00000060112	9.196874066	2.782468975	9.179963621	10.47094974	6.445751277
ENSMUSG00000060128	0	0	0	0	0
ENSMUSG00000060149	72.16008883	104.3425866	79.08891735	105.514955	83.7947666
ENSMUSG00000060161	12.73413332	2.782468975	9.886114669	9.665492065	5.729556691
ENSMUSG00000060170	8.489422215	4.869320706	7.767661525	6.443661377	7.87814045
ENSMUSG00000060176	6.367066661	8.347406925	10.59226572	5.638203705	7.161945863
ENSMUSG00000060198	11.31922962	11.82549314	10.59226572	12.88732275	14.32389173
ENSMUSG00000060201	7.781970364	9.738641413	11.29841676	2.416373016	5.013362104
ENSMUSG00000060209	18.39374813	18.08604834	22.59683353	18.52552646	17.18867007
ENSMUSG00000060214	4.244711108	1.391234488	1.412302096	0	1.432389173
ENSMUSG00000060254	9.196874066	5.56493795	7.061510478	4.832746033	5.729556691
ENSMUSG00000060256	11.31922962	7.651789682	12.00456781	6.443661377	4.297167518
ENSMUSG00000060311	7.074518513	10.43425866	4.943057334	4.832746033	7.161945863
ENSMUSG00000060335	7.781970364	7.651789682	2.824604191	2.416373016	6.445751277
ENSMUSG00000060377	6.367066661	4.869320706	5.649208382	13.69278043	9.310529622
ENSMUSG00000060380	14.14903703	18.08604834	16.2414741	10.47094974	10.7429188
ENSMUSG00000060393	12.73413332	9.738641413	5.649208382	4.832746033	5.013362104
ENSMUSG00000060404	9.904325918	6.260555194	4.236906287	8.860034393	8.594335036
ENSMUSG00000060411	9.196874066	7.651789682	3.530755239	5.638203705	8.594335036
ENSMUSG00000060412	13.44158517	8.347406925	9.179963621	4.02728836	5.729556691
ENSMUSG00000060417	10.61177777	9.738641413	12.00456781	8.054576721	10.7429188
ENSMUSG00000060419	12.02668147	11.1298759	7.061510478	15.30369577	16.47247549

ENSMUSG00000060424	7.074518513	5.56493795	4.943057334	3.221830688	2.864778345
ENSMUSG00000060438	9.196874066	10.43425866	8.473812573	12.08186508	10.7429188
ENSMUSG00000060467	11.31922962	11.1298759	17.65377619	13.69278043	10.02672421
ENSMUSG00000060480	6.367066661	9.043024169	4.943057334	5.638203705	9.310529622
ENSMUSG00000060490	12.02668147	10.43425866	12.71071886	4.832746033	7.161945863
ENSMUSG00000060523	7.074518513	5.56493795	9.179963621	5.638203705	4.297167518
ENSMUSG00000060530	6.367066661	7.651789682	7.061510478	4.02728836	7.161945863
ENSMUSG00000060559	9.196874066	6.956172438	5.649208382	6.443661377	5.729556691
ENSMUSG00000060566	8.489422215	8.347406925	7.767661525	4.02728836	12.17530797
ENSMUSG00000060621	12.02668147	5.56493795	12.00456781	7.249119049	2.864778345
ENSMUSG00000060647	12.02668147	9.043024169	14.829172	6.443661377	5.013362104
ENSMUSG00000060680	11.31922962	7.651789682	6.35535943	11.27640741	11.45911338
ENSMUSG00000060699	7.781970364	11.1298759	4.943057334	3.221830688	5.729556691
ENSMUSG00000060701	8.489422215	6.956172438	8.473812573	4.832746033	3.580972932
ENSMUSG00000060724	7.074518513	7.651789682	5.649208382	8.860034393	5.729556691
ENSMUSG00000060727	14.14903703	26.43345526	23.30298458	16.91461111	15.7562809
ENSMUSG00000060730	8.489422215	4.869320706	10.59226572	9.665492065	11.45911338
ENSMUSG00000060742	9.904325918	5.56493795	4.943057334	2.416373016	1.432389173
ENSMUSG00000060747	4.244711108	7.651789682	5.649208382	5.638203705	7.87814045
ENSMUSG00000060759	11.31922962	9.738641413	6.35535943	7.249119049	3.580972932
ENSMUSG00000060765	10.61177777	9.738641413	7.061510478	6.443661377	6.445751277
ENSMUSG00000060777	9.904325918	13.91234488	15.53532305	10.47094974	8.594335036
ENSMUSG00000060787	9.196874066	2.086851731	8.473812573	8.054576721	7.87814045
ENSMUSG00000060795	11.31922962	10.43425866	13.41686991	16.10915344	7.161945863
ENSMUSG00000060808	7.074518513	9.043024169	5.649208382	5.638203705	10.02672421
ENSMUSG00000060811	14.85648888	12.52111039	11.29841676	35.44013757	22.91822676
ENSMUSG00000060816	6.367066661	9.043024169	9.179963621	6.443661377	5.729556691
ENSMUSG00000060827	6.367066661	6.956172438	6.35535943	3.221830688	4.297167518
ENSMUSG00000060879	8.489422215	8.347406925	9.886114669	7.249119049	5.013362104
ENSMUSG00000060888	8.489422215	9.043024169	6.35535943	4.832746033	6.445751277
ENSMUSG00000060899	11.31922962	11.1298759	9.179963621	8.860034393	5.729556691
ENSMUSG00000060918	10.61177777	8.347406925	9.179963621	7.249119049	7.87814045
ENSMUSG00000060956	7.781970364	7.651789682	3.530755239	6.443661377	6.445751277
ENSMUSG00000060989	19.80865184	19.47728283	30.36449505	34.6346799	27.93158887
ENSMUSG00000061000	9.196874066	2.086851731	7.767661525	1.610915344	3.580972932
ENSMUSG00000061022	7.781970364	9.043024169	7.061510478	6.443661377	5.729556691
ENSMUSG00000061075	10.61177777	5.56493795	5.649208382	0	10.02672421
ENSMUSG00000061115	9.196874066	6.956172438	9.886114669	11.27640741	9.310529622
ENSMUSG00000061126	8.489422215	8.347406925	7.767661525	8.860034393	5.729556691
ENSMUSG00000061150	7.074518513	6.260555194	5.649208382	5.638203705	2.864778345
ENSMUSG00000061165	12.02668147	6.260555194	8.473812573	4.02728836	6.445751277
ENSMUSG00000061167	12.73413332	12.52111039	10.59226572	16.10915344	16.47247549
ENSMUSG00000061195	7.781970364	8.347406925	8.473812573	3.221830688	7.87814045

ENSMUSG00000061242	10.61177777	6.956172438	7.767661525	8.860034393	6.445751277
ENSMUSG00000061246	14.85648888	6.260555194	5.649208382	5.638203705	6.445751277
ENSMUSG00000061272	0.707451851	0.695617244	0	0	0
ENSMUSG00000061296	10.61177777	6.956172438	7.767661525	4.832746033	2.864778345
ENSMUSG00000061305	11.31922962	11.82549314	4.236906287	4.832746033	7.161945863
ENSMUSG00000061330	5.65961481	7.651789682	3.530755239	8.054576721	9.310529622
ENSMUSG00000061331	6.367066661	4.173703463	4.943057334	2.416373016	2.864778345
ENSMUSG00000061336	9.904325918	1.391234488	2.824604191	1.610915344	3.580972932
ENSMUSG00000061342	5.65961481	4.869320706	5.649208382	2.416373016	4.297167518
ENSMUSG00000061361	7.781970364	9.043024169	7.767661525	5.638203705	7.161945863
ENSMUSG00000061367	9.196874066	4.173703463	12.00456781	7.249119049	9.310529622
ENSMUSG00000061371	21.93100739	32.69401046	38.13215658	16.91461111	32.94495097
ENSMUSG00000061376	9.196874066	9.738641413	10.59226572	5.638203705	7.161945863
ENSMUSG00000061387	12.73413332	5.56493795	5.649208382	8.054576721	4.297167518
ENSMUSG00000061390	7.781970364	4.869320706	7.061510478	8.054576721	10.02672421
ENSMUSG00000061469	8.489422215	4.869320706	8.473812573	4.02728836	7.87814045
ENSMUSG00000061486	10.61177777	5.56493795	7.767661525	8.054576721	9.310529622
ENSMUSG00000061488	12.02668147	4.173703463	6.35535943	8.860034393	7.161945863
ENSMUSG00000061490	7.074518513	6.260555194	2.824604191	5.638203705	4.297167518
ENSMUSG00000061501	12.73413332	5.56493795	4.236906287	6.443661377	6.445751277
ENSMUSG00000061510	33.25023701	50.08444155	48.7244223	41.88379895	47.2688427
ENSMUSG00000061520	7.074518513	6.260555194	4.236906287	5.638203705	5.013362104
ENSMUSG00000061561	13.44158517	9.738641413	7.767661525	4.832746033	9.310529622
ENSMUSG00000061602	7.074518513	6.260555194	8.473812573	7.249119049	7.161945863
ENSMUSG00000061619	8.489422215	10.43425866	9.179963621	7.249119049	7.161945863
ENSMUSG00000061626	7.781970364	5.56493795	7.767661525	6.443661377	8.594335036
ENSMUSG00000061637	4.952162959	8.347406925	9.179963621	7.249119049	5.013362104
ENSMUSG00000061653	12.02668147	8.347406925	6.35535943	1.610915344	6.445751277
ENSMUSG00000061669	12.02668147	9.043024169	4.236906287	5.638203705	5.729556691
ENSMUSG00000061684	9.904325918	22.2597518	14.12302096	19.33098413	17.90486466
ENSMUSG00000061724	12.02668147	11.1298759	9.179963621	16.91461111	19.33725383
ENSMUSG00000061728	12.02668147	7.651789682	12.00456781	7.249119049	8.594335036
ENSMUSG00000061755	41.73965922	78.60474855	73.43970897	78.12939419	70.90326405
ENSMUSG00000061777	9.196874066	2.086851731	4.236906287	4.02728836	7.161945863
ENSMUSG00000061798	9.196874066	8.347406925	6.35535943	11.27640741	4.297167518
ENSMUSG00000061829	9.904325918	9.738641413	11.29841676	7.249119049	7.87814045
ENSMUSG00000061833	8.489422215	9.043024169	8.473812573	8.054576721	7.161945863
ENSMUSG00000061843	5.65961481	9.043024169	11.29841676	3.221830688	7.87814045
ENSMUSG00000061847	7.781970364	8.347406925	7.767661525	4.02728836	8.594335036
ENSMUSG00000061848	7.781970364	9.043024169	8.473812573	14.4982381	7.87814045
ENSMUSG00000061852	36.08004441	29.21592424	31.77679715	40.2728836	23.63442135
ENSMUSG00000061863	10.61177777	9.738641413	9.179963621	6.443661377	10.02672421
ENSMUSG00000061875	6.367066661	6.260555194	9.179963621	5.638203705	4.297167518

ENSMUSG00000061897	12.02668147	24.34660353	21.89068248	14.4982381	14.32389173
ENSMUSG00000061952	11.31922962	6.260555194	9.179963621	6.443661377	7.87814045
ENSMUSG00000061958	0	0.695617244	0.706151048	0.805457672	0
ENSMUSG00000061961	7.781970364	6.260555194	7.061510478	2.416373016	2.864778345
ENSMUSG00000061972	10.61177777	13.21672763	10.59226572	7.249119049	8.594335036
ENSMUSG00000061974	4.244711108	4.173703463	4.943057334	4.02728836	4.297167518
ENSMUSG00000061975	9.196874066	9.738641413	5.649208382	4.02728836	7.161945863
ENSMUSG00000061977	4.244711108	1.391234488	2.824604191	4.02728836	5.729556691
ENSMUSG00000061988	14.14903703	3.478086219	8.473812573	6.443661377	15.7562809
ENSMUSG00000061992	8.489422215	6.260555194	4.943057334	9.665492065	5.729556691
ENSMUSG00000062036	10.61177777	10.43425866	6.35535943	2.416373016	7.161945863
ENSMUSG00000062037	8.489422215	4.869320706	4.943057334	8.860034393	6.445751277
ENSMUSG00000062038	7.074518513	7.651789682	10.59226572	12.08186508	20.05344842
ENSMUSG00000062042	12.73413332	4.869320706	4.943057334	5.638203705	9.310529622
ENSMUSG00000062064	9.196874066	6.260555194	7.767661525	4.832746033	10.02672421
ENSMUSG00000062081	8.489422215	9.043024169	11.29841676	9.665492065	12.17530797
ENSMUSG00000062083	7.074518513	6.956172438	2.118453143	4.02728836	4.297167518
ENSMUSG00000062093	18.39374813	15.30357936	18.35992724	50.74383334	32.94495097
ENSMUSG00000062103	8.489422215	8.347406925	3.530755239	6.443661377	2.864778345
ENSMUSG00000062132	6.367066661	7.651789682	4.236906287	4.832746033	8.594335036
ENSMUSG00000062142	7.074518513	10.43425866	6.35535943	4.02728836	4.297167518
ENSMUSG00000062152	7.781970364	9.043024169	9.886114669	2.416373016	9.310529622
ENSMUSG00000062162	2.829807405	7.651789682	3.530755239	2.416373016	2.864778345
ENSMUSG00000062186	9.904325918	6.260555194	9.886114669	5.638203705	5.013362104
ENSMUSG00000062199	5.65961481	9.043024169	7.061510478	6.443661377	6.445751277
ENSMUSG00000062204	10.61177777	6.956172438	14.12302096	6.443661377	5.729556691
ENSMUSG00000062226	6.367066661	4.173703463	5.649208382	3.221830688	4.297167518
ENSMUSG00000062235	7.074518513	8.347406925	6.35535943	4.832746033	8.594335036
ENSMUSG00000062272	10.61177777	7.651789682	3.530755239	6.443661377	5.013362104
ENSMUSG00000062279	6.367066661	6.956172438	7.767661525	12.88732275	8.594335036
ENSMUSG00000062280	7.074518513	9.738641413	4.943057334	5.638203705	7.87814045
ENSMUSG00000062284	9.196874066	13.21672763	10.59226572	5.638203705	6.445751277
ENSMUSG00000062319	9.904325918	8.347406925	11.29841676	11.27640741	8.594335036
ENSMUSG00000062353	7.781970364	14.60796212	13.41686991	9.665492065	14.32389173
ENSMUSG00000062365	10.61177777	9.738641413	10.59226572	11.27640741	13.60769714
ENSMUSG00000062391	7.781970364	8.347406925	9.179963621	8.054576721	3.580972932
ENSMUSG00000062426	8.489422215	8.347406925	6.35535943	2.416373016	7.87814045
ENSMUSG00000062434	9.904325918	11.82549314	4.943057334	8.054576721	10.02672421
ENSMUSG00000062458	9.196874066	8.347406925	3.530755239	12.88732275	12.89150255
ENSMUSG00000062461	212.2355554	246.2485043	217.4945227	169.1461111	158.9951982
ENSMUSG00000062470	14.14903703	20.86851731	17.65377619	15.30369577	20.769643
ENSMUSG00000062472	13.44158517	8.347406925	5.649208382	4.832746033	12.17530797
ENSMUSG00000062477	5.65961481	6.956172438	8.473812573	5.638203705	12.17530797

ENSMUSG00000062496	12.02668147	5.56493795	6.35535943	11.27640741	7.87814045
ENSMUSG00000062528	14.85648888	7.651789682	7.061510478	5.638203705	7.87814045
ENSMUSG00000062543	7.074518513	5.56493795	8.473812573	5.638203705	10.7429188
ENSMUSG00000062553	8.489422215	6.260555194	6.35535943	9.665492065	5.729556691
ENSMUSG00000062554	12.02668147	10.43425866	9.179963621	8.860034393	12.89150255
ENSMUSG00000062582	12.73413332	8.347406925	14.12302096	12.88732275	13.60769714
ENSMUSG00000062598	10.61177777	2.782468975	7.061510478	4.832746033	7.87814045
ENSMUSG00000062611	10.61177777	9.738641413	9.179963621	14.4982381	5.729556691
ENSMUSG00000062704	10.61177777	7.651789682	6.35535943	5.638203705	5.013362104
ENSMUSG00000062712	14.14903703	11.1298759	4.943057334	4.832746033	5.013362104
ENSMUSG00000062742	9.196874066	8.347406925	7.061510478	6.443661377	9.310529622
ENSMUSG00000062757	8.489422215	5.56493795	8.473812573	2.416373016	5.013362104
ENSMUSG00000062758	12.02668147	9.043024169	9.179963621	8.054576721	13.60769714
ENSMUSG00000062793	7.074518513	8.347406925	12.71071886	4.832746033	7.161945863
ENSMUSG00000062833	13.44158517	8.347406925	7.061510478	10.47094974	7.87814045
ENSMUSG00000062844	12.73413332	6.260555194	8.473812573	4.02728836	7.161945863
ENSMUSG00000062846	9.904325918	5.56493795	8.473812573	11.27640741	8.594335036
ENSMUSG00000062867	39.61730367	53.56252777	58.61053696	163.5079074	135.3607768
ENSMUSG00000062868	10.61177777	5.56493795	7.061510478	1.610915344	2.148583759
ENSMUSG00000062874	5.65961481	13.21672763	5.649208382	8.054576721	4.297167518
ENSMUSG00000062878	9.196874066	5.56493795	4.943057334	2.416373016	3.580972932
ENSMUSG00000062892	8.489422215	4.869320706	8.473812573	6.443661377	3.580972932
ENSMUSG00000062896	14.14903703	4.173703463	4.943057334	10.47094974	8.594335036
ENSMUSG00000062914	11.31922962	7.651789682	4.236906287	4.832746033	5.729556691
ENSMUSG00000062933	10.61177777	13.91234488	12.71071886	12.08186508	10.02672421
ENSMUSG00000062952	4.244711108	4.869320706	3.530755239	2.416373016	1.432389173
ENSMUSG00000062962	9.904325918	11.82549314	7.061510478	4.02728836	7.87814045
ENSMUSG00000062987	6.367066661	4.869320706	10.59226572	6.443661377	7.161945863
ENSMUSG00000062991	10.61177777	9.738641413	6.35535943	4.832746033	5.013362104
ENSMUSG00000063001	0	0	0	0	0
ENSMUSG00000063018	2.829807405	2.086851731	4.236906287	1.610915344	8.594335036
ENSMUSG00000063020	7.074518513	7.651789682	11.29841676	7.249119049	6.445751277
ENSMUSG00000063021	5.65961481	14.60796212	7.061510478	7.249119049	5.729556691
ENSMUSG00000063087	87.72402956	134.9497453	122.1641313	173.1733995	146.8198902
ENSMUSG00000063109	6.367066661	6.956172438	9.179963621	5.638203705	8.594335036
ENSMUSG00000063116	11.31922962	9.043024169	5.649208382	8.054576721	10.7429188
ENSMUSG00000063120	7.074518513	8.347406925	14.12302096	4.02728836	5.729556691
ENSMUSG00000063137	4.952162959	8.347406925	9.179963621	6.443661377	3.580972932
ENSMUSG00000063166	10.61177777	11.82549314	7.061510478	7.249119049	10.02672421
ENSMUSG00000063173	14.14903703	4.173703463	3.530755239	2.416373016	7.87814045
ENSMUSG00000063176	11.31922962	9.738641413	6.35535943	5.638203705	5.729556691
ENSMUSG00000063180	9.196874066	6.260555194	4.943057334	5.638203705	7.161945863
ENSMUSG00000063206	10.61177777	7.651789682	7.767661525	2.416373016	6.445751277

ENSMUSG00000063216	11.31922962	11.1298759	5.649208382	5.638203705	2.864778345
ENSMUSG00000063221	12.02668147	9.043024169	4.236906287	10.47094974	4.297167518
ENSMUSG00000063225	9.196874066	9.043024169	9.886114669	7.249119049	9.310529622
ENSMUSG00000063235	21.22355554	38.25894841	34.60140134	62.02024075	52.2822048
ENSMUSG00000063236	12.73413332	21.56413456	20.47838039	41.07834128	40.82309142
ENSMUSG00000063277	13.44158517	6.260555194	11.29841676	6.443661377	7.87814045
ENSMUSG00000063286	0	0	0	0	0
ENSMUSG00000063297	9.196874066	5.56493795	8.473812573	4.832746033	2.864778345
ENSMUSG00000063314	128.7562369	199.642149	168.0639494	234.3881826	174.7514791
ENSMUSG00000063317	21.22355554	34.08524495	31.77679715	58.79841006	47.2688427
ENSMUSG00000063350	10.61177777	7.651789682	6.35535943	5.638203705	7.161945863
ENSMUSG00000063386	7.074518513	8.347406925	12.00456781	4.02728836	5.729556691
ENSMUSG00000063388	12.73413332	7.651789682	7.767661525	8.860034393	7.161945863
ENSMUSG00000063394	12.73413332	9.043024169	4.943057334	6.443661377	8.594335036
ENSMUSG00000063412	2.829807405	6.260555194	6.35535943	6.443661377	5.729556691
ENSMUSG00000063442	2.829807405	6.956172438	4.236906287	1.610915344	5.013362104
ENSMUSG00000063478	6.367066661	2.782468975	7.061510478	4.02728836	0.716194586
ENSMUSG00000063507	6.367066661	9.043024169	9.179963621	4.832746033	10.7429188
ENSMUSG00000063514	12.02668147	6.260555194	4.236906287	4.832746033	6.445751277
ENSMUSG00000063543	9.196874066	7.651789682	19.06607829	8.054576721	13.60769714
ENSMUSG00000063548	7.781970364	5.56493795	12.00456781	6.443661377	5.729556691
ENSMUSG00000063549	9.904325918	10.43425866	7.061510478	4.02728836	10.7429188
ENSMUSG00000063556	7.781970364	9.043024169	5.649208382	11.27640741	7.161945863
ENSMUSG00000063582	7.781970364	7.651789682	5.649208382	4.02728836	2.864778345
ENSMUSG00000063583	10.61177777	8.347406925	6.35535943	5.638203705	10.02672421
ENSMUSG00000063586	6.367066661	9.738641413	10.59226572	11.27640741	6.445751277
ENSMUSG00000063611	12.02668147	5.56493795	4.236906287	9.665492065	5.729556691
ENSMUSG00000063615	7.074518513	9.738641413	4.943057334	8.054576721	6.445751277
ENSMUSG00000063626	7.781970364	6.956172438	6.35535943	4.832746033	7.87814045
ENSMUSG00000063628	8.489422215	6.956172438	6.35535943	2.416373016	5.729556691
ENSMUSG00000063656	4.952162959	7.651789682	10.59226572	8.054576721	11.45911338
ENSMUSG00000063684	7.074518513	12.52111039	12.71071886	4.832746033	9.310529622
ENSMUSG00000063714	51.64398514	63.99678643	70.61510478	165.9242805	131.0636093
ENSMUSG00000063715	8.489422215	7.651789682	5.649208382	4.832746033	7.161945863
ENSMUSG00000063732	4.952162959	6.260555194	7.061510478	3.221830688	8.594335036
ENSMUSG00000063739	9.904325918	5.56493795	9.886114669	7.249119049	5.013362104
ENSMUSG00000063751	9.904325918	2.782468975	8.473812573	3.221830688	5.729556691
ENSMUSG00000063754	44.56946663	81.38721752	69.20280268	74.10210583	56.57937232
ENSMUSG00000063760	9.196874066	9.043024169	9.179963621	6.443661377	4.297167518
ENSMUSG00000063762	8.489422215	7.651789682	9.886114669	5.638203705	7.161945863
ENSMUSG00000063764	6.367066661	6.260555194	6.35535943	4.832746033	4.297167518
ENSMUSG00000063777	7.074518513	8.347406925	10.59226572	3.221830688	5.729556691
ENSMUSG00000063816	7.074518513	5.56493795	4.943057334	3.221830688	4.297167518



ENSMUSG00000063820	5.65961481	9.043024169	7.767661525	8.054576721	7.87814045
ENSMUSG00000063823	7.781970364	6.260555194	12.00456781	5.638203705	4.297167518
ENSMUSG00000063827	9.196874066	9.043024169	9.179963621	4.832746033	9.310529622
ENSMUSG00000063830	12.73413332	12.52111039	6.35535943	4.02728836	7.161945863
ENSMUSG00000063844	6.367066661	2.782468975	7.767661525	4.02728836	4.297167518
ENSMUSG00000063846	4.244711108	7.651789682	4.236906287	8.054576721	5.013362104
ENSMUSG00000063867	4.952162959	4.173703463	9.886114669	5.638203705	7.161945863
ENSMUSG00000063875	12.73413332	12.52111039	9.179963621	12.88732275	15.7562809
ENSMUSG00000063885	9.196874066	8.347406925	6.35535943	3.221830688	4.297167518
ENSMUSG00000063886	2.122355554	7.651789682	4.236906287	4.02728836	5.729556691
ENSMUSG00000063887	7.781970364	5.56493795	11.29841676	7.249119049	9.310529622
ENSMUSG00000063902	8.489422215	11.82549314	12.00456781	18.52552646	14.32389173
ENSMUSG00000063905	8.489422215	3.478086219	7.061510478	4.02728836	3.580972932
ENSMUSG00000063911	13.44158517	14.60796212	13.41686991	18.52552646	15.7562809
ENSMUSG00000063929	10.61177777	7.651789682	2.824604191	8.054576721	5.729556691
ENSMUSG00000063994	9.196874066	4.173703463	4.236906287	5.638203705	8.594335036
ENSMUSG00000064006	5.65961481	8.347406925	7.767661525	5.638203705	3.580972932
ENSMUSG00000064032	14.85648888	15.30357936	21.89068248	47.52200265	30.08017263
ENSMUSG00000064039	7.074518513	9.738641413	8.473812573	3.221830688	7.87814045
ENSMUSG00000064043	7.781970364	4.869320706	3.530755239	5.638203705	3.580972932
ENSMUSG00000064044	6.367066661	5.56493795	9.886114669	8.054576721	12.17530797
ENSMUSG00000064081	7.074518513	13.91234488	7.767661525	5.638203705	7.161945863
ENSMUSG00000064084	11.31922962	5.56493795	7.767661525	4.02728836	3.580972932
ENSMUSG00000064110	7.781970364	4.869320706	9.179963621	4.832746033	7.161945863
ENSMUSG00000064140	7.781970364	9.043024169	7.061510478	5.638203705	5.013362104
ENSMUSG00000064193	10.61177777	6.260555194	6.35535943	6.443661377	3.580972932
ENSMUSG00000064194	16.97884443	13.91234488	12.71071886	5.638203705	15.7562809
ENSMUSG00000064208	12.73413332	9.738641413	4.236906287	10.47094974	10.7429188
ENSMUSG00000064223	11.31922962	9.043024169	9.179963621	4.832746033	8.594335036
ENSMUSG00000064231	7.074518513	7.651789682	5.649208382	5.638203705	9.310529622
ENSMUSG00000064232	14.85648888	8.347406925	3.530755239	5.638203705	7.161945863
ENSMUSG00000064252	7.074518513	8.347406925	4.943057334	8.054576721	9.310529622
ENSMUSG00000064259	10.61177777	7.651789682	6.35535943	3.221830688	5.729556691
ENSMUSG00000064263	8.489422215	7.651789682	6.35535943	4.832746033	7.87814045
ENSMUSG00000064281	6.367066661	2.086851731	0.706151048	1.610915344	0.716194586
ENSMUSG00000064288	12.73413332	15.30357936	16.2414741	11.27640741	5.013362104
ENSMUSG00000064315	7.074518513	4.869320706	4.943057334	4.02728836	8.594335036
ENSMUSG00000064336	0	0	0	0	0
ENSMUSG00000064337	0	0	0	0	0
ENSMUSG00000064338	0	0	0	0	0
ENSMUSG00000064339	0	0	0	0	0
ENSMUSG00000064340	0	0	0	0	0
ENSMUSG00000064341	0	0	0	0	0

ENSMUSG00000064342	0	0	0	0	0
ENSMUSG00000064343	12.02668147	18.78166558	22.59683353	57.99295239	28.64778345
ENSMUSG00000064344	0	0	0	0	0
ENSMUSG00000064345	0	0	0	0	0
ENSMUSG00000064346	0	0	0	0	0
ENSMUSG00000064347	0	0	0	0	0
ENSMUSG00000064348	0	0	0	0	0
ENSMUSG00000064349	0	0	0	0	0
ENSMUSG00000064350	0	0	0	0	0
ENSMUSG00000064351	0	0	0	0	0
ENSMUSG00000064352	3.537259256	6.956172438	12.71071886	34.6346799	6.445751277
ENSMUSG00000064353	0	0	0	0	0
ENSMUSG00000064354	0	0	0	0	0
ENSMUSG00000064355	0	0	0	0	0
ENSMUSG00000064356	0	0	0	0	0
ENSMUSG00000064357	0	0	0	0	0
ENSMUSG00000064358	0	0	0	0	0
ENSMUSG00000064359	0	0	0	0	0
ENSMUSG00000064360	0	0	0	0	0
ENSMUSG00000064361	0	0	0	0	0
ENSMUSG00000064363	0	0	0	0	0
ENSMUSG00000064364	0	0	0	0	0
ENSMUSG00000064365	0	0	0	0	0
ENSMUSG00000064366	0	0	0	0	0
ENSMUSG00000064367	0	0	0	0	0
ENSMUSG00000064368	0	0.695617244	0.706151048	2.416373016	0
ENSMUSG00000064369	0	0	0	0	0
ENSMUSG00000064370	0	0	0	0	0
ENSMUSG00000064371	0	0	0.706151048	3.221830688	2.148583759
ENSMUSG00000064372	0	0	1.412302096	4.832746033	2.864778345
ENSMUSG00000064377	5.65961481	2.086851731	2.824604191	0	0.716194586
ENSMUSG00000064380	0	0	0	0	0
ENSMUSG00000064382	0	0	0	0	0
ENSMUSG00000064386	5.65961481	9.043024169	6.35535943	3.221830688	7.161945863
ENSMUSG00000064387	0	0	0	0	0
ENSMUSG00000064389	14.14903703	6.956172438	9.886114669	9.665492065	12.17530797
ENSMUSG00000064390	0	0	0	0	0
ENSMUSG00000064391	13.44158517	3.478086219	10.59226572	4.832746033	4.297167518
ENSMUSG00000064392	9.904325918	6.956172438	6.35535943	5.638203705	7.87814045
ENSMUSG00000064393	9.196874066	4.173703463	8.473812573	6.443661377	5.729556691
ENSMUSG00000064394	5.65961481	9.043024169	7.061510478	5.638203705	8.594335036
ENSMUSG00000064395	7.074518513	9.738641413	6.35535943	6.443661377	5.729556691
ENSMUSG00000064397	12.02668147	5.56493795	4.236906287	8.054576721	7.87814045

ENSMUSG00000064398	7.074518513	9.043024169	8.473812573	12.08186508	11.45911338
ENSMUSG00000064399	12.02668147	4.869320706	12.00456781	10.47094974	11.45911338
ENSMUSG00000064400	9.904325918	8.347406925	4.943057334	8.054576721	7.87814045
ENSMUSG00000064403	7.781970364	7.651789682	6.35535943	6.443661377	6.445751277
ENSMUSG00000064405	0	0	0	0	0
ENSMUSG00000064407	7.074518513	4.869320706	6.35535943	2.416373016	10.7429188
ENSMUSG00000064408	9.196874066	5.56493795	6.35535943	2.416373016	4.297167518
ENSMUSG00000064409	34.66514071	50.7800588	50.84287544	56.38203705	52.2822048
ENSMUSG00000064410	21.93100739	30.60715873	28.95219296	36.24559524	27.93158887
ENSMUSG00000064412	6.367066661	5.56493795	6.35535943	3.221830688	7.87814045
ENSMUSG00000064413	9.196874066	18.08604834	13.41686991	13.69278043	15.7562809
ENSMUSG00000064414	30.4204296	48.69320706	36.01370344	31.41284921	26.49919969
ENSMUSG00000064416	5.65961481	3.478086219	4.943057334	4.832746033	7.161945863
ENSMUSG00000064417	0	0	0	0	0
ENSMUSG00000064419	58.71850365	91.12585893	89.68118307	70.88027514	52.99839939
ENSMUSG00000064422	351.6035701	346.4173874	301.5264974	534.0184366	382.4479091
ENSMUSG00000064424	10.61177777	6.260555194	6.35535943	8.054576721	6.445751277
ENSMUSG00000064427	2.829807405	5.56493795	4.943057334	28.9964762	15.7562809
ENSMUSG00000064428	2.122355554	4.173703463	3.530755239	6.443661377	2.864778345
ENSMUSG00000064429	8.489422215	9.738641413	13.41686991	8.054576721	7.87814045
ENSMUSG00000064432	5.65961481	6.956172438	14.12302096	6.443661377	5.013362104
ENSMUSG00000064433	11.31922962	6.956172438	9.886114669	6.443661377	7.87814045
ENSMUSG00000064435	16.97884443	7.651789682	9.179963621	7.249119049	12.17530797
ENSMUSG00000064436	11.31922962	6.260555194	7.767661525	4.02728836	10.02672421
ENSMUSG00000064437	0	0	0	0	0
ENSMUSG00000064440	0	0	0	0	0
ENSMUSG00000064441	46.69182218	76.51789682	72.73355792	178.8116032	132.4959985
ENSMUSG00000064442	6.367066661	6.260555194	7.767661525	8.054576721	7.161945863
ENSMUSG00000064443	10.61177777	9.043024169	7.767661525	7.249119049	7.161945863
ENSMUSG00000064444	9.196874066	6.260555194	9.886114669	4.832746033	5.729556691
ENSMUSG00000064446	8.489422215	4.869320706	9.179963621	4.02728836	6.445751277
ENSMUSG00000064450	0	0	0	0	0
ENSMUSG00000064451	12.73413332	22.2597518	14.829172	48.32746033	31.5125618
ENSMUSG00000064452	7.781970364	4.869320706	4.236906287	4.02728836	3.580972932
ENSMUSG00000064453	11.31922962	16.69481385	14.829172	70.07481747	43.68786977
ENSMUSG00000064455	2.829807405	1.391234488	0.706151048	1.610915344	0.716194586
ENSMUSG00000064460	15.56394073	6.260555194	4.236906287	5.638203705	5.729556691
ENSMUSG00000064463	7.074518513	5.56493795	5.649208382	4.832746033	5.729556691
ENSMUSG00000064464	2.829807405	6.956172438	2.824604191	4.832746033	2.864778345
ENSMUSG00000064467	11.31922962	5.56493795	6.35535943	8.860034393	7.87814045
ENSMUSG00000064468	12.02668147	5.56493795	7.061510478	3.221830688	10.7429188
ENSMUSG00000064471	7.074518513	6.956172438	12.00456781	2.416373016	6.445751277
ENSMUSG00000064472	12.73413332	8.347406925	12.00456781	8.860034393	5.729556691

ENSMUSG00000064476	6.367066661	9.738641413	7.061510478	4.832746033	11.45911338
ENSMUSG00000064477	2.829807405	5.56493795	1.412302096	3.221830688	4.297167518
ENSMUSG00000064481	12.73413332	9.043024169	5.649208382	9.665492065	8.594335036
ENSMUSG00000064485	8.489422215	9.738641413	8.473812573	8.054576721	4.297167518
ENSMUSG00000064486	5.65961481	4.173703463	7.767661525	5.638203705	11.45911338
ENSMUSG00000064487	0	0	0	0	0
ENSMUSG00000064489	2.122355554	2.086851731	3.530755239	4.832746033	4.297167518
ENSMUSG00000064490	7.781970364	6.956172438	9.179963621	6.443661377	2.864778345
ENSMUSG00000064491	133.7083999	167.6437558	148.9978711	335.8758493	228.466073
ENSMUSG00000064492	36.08004441	49.38882431	52.96132858	53.16020636	38.67450766
ENSMUSG00000064493	31.83533331	47.99758982	47.3121202	92.62763229	94.5376854
ENSMUSG00000064494	105.4103258	130.7760418	103.804204	153.8424154	119.6044959
ENSMUSG00000064495	3.537259256	3.478086219	4.943057334	6.443661377	2.148583759
ENSMUSG00000064496	0	0	0	0	0
ENSMUSG00000064497	7.074518513	1.391234488	5.649208382	4.02728836	4.297167518
ENSMUSG00000064500	0	0	0	0	0
ENSMUSG00000064507	5.65961481	8.347406925	4.236906287	4.02728836	5.729556691
ENSMUSG00000064508	12.73413332	10.43425866	11.29841676	3.221830688	7.161945863
ENSMUSG00000064510	7.781970364	9.738641413	7.767661525	5.638203705	7.161945863
ENSMUSG00000064511	6.367066661	11.1298759	11.29841676	4.02728836	7.87814045
ENSMUSG00000064512	7.781970364	5.56493795	7.061510478	8.054576721	7.161945863
ENSMUSG00000064513	2.122355554	7.651789682	15.53532305	73.29664816	42.97167518
ENSMUSG00000064514	0	0	0	0	0
ENSMUSG00000064515	3.537259256	9.043024169	4.943057334	8.054576721	6.445751277
ENSMUSG00000064517	11.31922962	6.956172438	5.649208382	8.054576721	7.161945863
ENSMUSG00000064519	9.196874066	10.43425866	7.767661525	3.221830688	8.594335036
ENSMUSG00000064522	9.904325918	9.738641413	7.061510478	5.638203705	9.310529622
ENSMUSG00000064524	4.244711108	6.260555194	3.530755239	3.221830688	3.580972932
ENSMUSG00000064525	0.707451851	2.782468975	2.118453143	0	0.716194586
ENSMUSG00000064526	10.61177777	22.2597518	20.47838039	8.860034393	11.45911338
ENSMUSG00000064527	8.489422215	11.1298759	11.29841676	7.249119049	11.45911338
ENSMUSG00000064529	2.829807405	4.869320706	2.824604191	2.416373016	5.013362104
ENSMUSG00000064530	7.074518513	3.478086219	4.943057334	0.805457672	7.161945863
ENSMUSG00000064532	7.074518513	7.651789682	5.649208382	7.249119049	7.87814045
ENSMUSG00000064536	4.244711108	2.782468975	2.118453143	5.638203705	6.445751277
ENSMUSG00000064540	0	0	0	5.638203705	4.297167518
ENSMUSG00000064541	9.904325918	7.651789682	8.473812573	3.221830688	5.013362104
ENSMUSG00000064542	2.122355554	2.782468975	2.824604191	15.30369577	7.161945863
ENSMUSG00000064543	9.904325918	6.260555194	9.886114669	8.054576721	10.02672421
ENSMUSG00000064545	0	0	0	0	0
ENSMUSG00000064547	7.781970364	7.651789682	10.59226572	8.054576721	10.7429188
ENSMUSG00000064548	8.489422215	7.651789682	11.29841676	5.638203705	7.87814045
ENSMUSG00000064549	12.73413332	8.347406925	8.473812573	6.443661377	7.87814045

ENSMUSG00000064550	13.44158517	13.91234488	19.77222934	4.832746033	13.60769714
ENSMUSG00000064551	4.952162959	4.173703463	3.530755239	3.221830688	1.432389173
ENSMUSG00000064553	4.244711108	4.173703463	5.649208382	2.416373016	2.864778345
ENSMUSG00000064554	1.414903703	4.173703463	4.236906287	3.221830688	2.864778345
ENSMUSG00000064555	10.61177777	9.043024169	6.35535943	4.832746033	10.02672421
ENSMUSG00000064556	7.781970364	4.869320706	5.649208382	6.443661377	2.148583759
ENSMUSG00000064558	4.952162959	2.086851731	7.061510478	7.249119049	7.87814045
ENSMUSG00000064563	6.367066661	11.1298759	7.767661525	90.21125927	51.56601022
ENSMUSG00000064565	215.7728146	273.3775768	254.9205282	310.1012038	259.9786348
ENSMUSG00000064566	7.781970364	9.043024169	7.767661525	7.249119049	5.013362104
ENSMUSG00000064567	176.8629628	215.6413456	230.2052416	222.3063175	223.4527109
ENSMUSG00000064569	6.367066661	7.651789682	7.061510478	5.638203705	5.729556691
ENSMUSG00000064570	7.074518513	6.260555194	9.886114669	3.221830688	7.87814045
ENSMUSG00000064572	7.074518513	11.1298759	4.236906287	7.249119049	9.310529622
ENSMUSG00000064573	11.31922962	9.738641413	7.061510478	8.054576721	7.161945863
ENSMUSG00000064574	4.244711108	4.173703463	4.943057334	2.416373016	4.297167518
ENSMUSG00000064575	6.367066661	7.651789682	9.179963621	3.221830688	8.594335036
ENSMUSG00000064577	9.904325918	4.869320706	7.767661525	6.443661377	6.445751277
ENSMUSG00000064579	7.781970364	11.1298759	7.061510478	5.638203705	5.729556691
ENSMUSG00000064580	56.5961481	93.90832791	81.20737049	104.7094974	90.24051788
ENSMUSG00000064581	10.61177777	7.651789682	5.649208382	4.832746033	6.445751277
ENSMUSG00000064582	9.904325918	5.56493795	4.943057334	3.221830688	7.87814045
ENSMUSG00000064584	17.68629628	9.043024169	8.473812573	6.443661377	5.729556691
ENSMUSG00000064585	2.829807405	0	3.530755239	0.805457672	2.864778345
ENSMUSG00000064586	7.781970364	6.956172438	9.886114669	10.47094974	7.161945863
ENSMUSG00000064587	236.2889183	253.900294	213.9637675	157.0642461	157.562809
ENSMUSG00000064588	9.196874066	6.956172438	5.649208382	8.860034393	7.161945863
ENSMUSG00000064590	102.5805184	153.7314109	144.7609648	132.0950582	123.9016634
ENSMUSG00000064591	6.367066661	7.651789682	7.767661525	6.443661377	9.310529622
ENSMUSG00000064595	17.68629628	34.08524495	27.53989086	15.30369577	20.05344842
ENSMUSG00000064596	9.904325918	7.651789682	6.35535943	6.443661377	7.87814045
ENSMUSG00000064597	12.73413332	18.78166558	9.179963621	7.249119049	17.18867007
ENSMUSG00000064600	268.1242516	312.3321425	271.1620023	583.9568123	445.4730327
ENSMUSG00000064601	16.97884443	5.56493795	10.59226572	8.054576721	10.02672421
ENSMUSG00000064602	0.707451851	0.695617244	0.706151048	2.416373016	1.432389173
ENSMUSG00000064604	0	0	0	0	0
ENSMUSG00000064605	7.074518513	4.869320706	7.767661525	4.02728836	7.161945863
ENSMUSG00000064606	18.39374813	27.82468975	26.12758877	16.10915344	23.63442135
ENSMUSG00000064609	16.97884443	13.21672763	14.829172	12.88732275	10.02672421
ENSMUSG00000064612	0	0	0	0	0
ENSMUSG00000064613	8.489422215	11.1298759	7.767661525	9.665492065	9.310529622
ENSMUSG00000064616	9.196874066	8.347406925	7.767661525	7.249119049	5.013362104
ENSMUSG00000064617	7.074518513	6.956172438	7.061510478	10.47094974	4.297167518

ENSMUSG00000064618	11.31922962	10.43425866	9.179963621	4.02728836	9.310529622
ENSMUSG00000064619	14.85648888	6.956172438	11.29841676	6.443661377	3.580972932
ENSMUSG00000064620	38.20239997	54.95376226	40.95676077	49.93837567	55.14698315
ENSMUSG00000064621	0	0	0	0	0
ENSMUSG00000064622	14.85648888	18.08604834	11.29841676	13.69278043	20.05344842
ENSMUSG00000064624	10.61177777	18.78166558	8.473812573	10.47094974	16.47247549
ENSMUSG00000064626	9.196874066	9.043024169	5.649208382	6.443661377	9.310529622
ENSMUSG00000064630	8.489422215	7.651789682	9.886114669	6.443661377	7.87814045
ENSMUSG00000064631	12.02668147	11.82549314	7.061510478	2.416373016	9.310529622
ENSMUSG00000064632	35.37259256	48.69320706	50.84287544	28.19101852	33.66114556
ENSMUSG00000064634	0	0	0	0	0
ENSMUSG00000064637	16.27139258	22.95536904	25.42143772	39.46742593	38.67450766
ENSMUSG00000064642	12.02668147	4.173703463	9.179963621	7.249119049	7.161945863
ENSMUSG00000064644	5.65961481	9.043024169	7.767661525	6.443661377	5.729556691
ENSMUSG00000064646	9.196874066	6.956172438	11.29841676	8.054576721	10.02672421
ENSMUSG00000064647	0	0	0	0	0
ENSMUSG00000064648	9.904325918	17.39043109	16.94762515	26.58010318	20.769643
ENSMUSG00000064652	14.14903703	13.21672763	10.59226572	9.665492065	12.89150255
ENSMUSG00000064653	191.7194517	280.3337492	213.9637675	178.0061455	156.1304198
ENSMUSG00000064655	9.904325918	14.60796212	14.12302096	50.74383334	31.5125618
ENSMUSG00000064658	4.244711108	4.869320706	4.943057334	5.638203705	2.864778345
ENSMUSG00000064659	4.244711108	4.173703463	2.118453143	3.221830688	2.148583759
ENSMUSG00000064663	4.244711108	6.956172438	6.35535943	2.416373016	3.580972932
ENSMUSG00000064664	7.074518513	4.173703463	8.473812573	5.638203705	5.729556691
ENSMUSG00000064665	32.54278516	36.17209668	45.8998181	28.9964762	32.22875639
ENSMUSG00000064666	7.074518513	15.99919661	13.41686991	62.02024075	43.68786977
ENSMUSG00000064669	11.31922962	11.82549314	9.179963621	4.02728836	5.013362104
ENSMUSG00000064670	9.196874066	11.1298759	7.767661525	4.832746033	6.445751277
ENSMUSG00000064671	1.414903703	0	1.412302096	0	0.716194586
ENSMUSG00000064672	99.75071103	102.2557348	110.1595635	294.797508	199.102095
ENSMUSG00000064673	9.904325918	4.869320706	7.767661525	1.610915344	10.02672421
ENSMUSG00000064675	14.14903703	6.956172438	8.473812573	5.638203705	3.580972932
ENSMUSG00000064677	5.65961481	7.651789682	9.886114669	6.443661377	7.161945863
ENSMUSG00000064679	0	0	0	0	0
ENSMUSG00000064682	8.489422215	7.651789682	7.767661525	3.221830688	4.297167518
ENSMUSG00000064685	6.367066661	2.782468975	3.530755239	4.02728836	0.716194586
ENSMUSG00000064686	14.85648888	9.738641413	6.35535943	5.638203705	13.60769714
ENSMUSG00000064687	12.02668147	4.173703463	5.649208382	8.054576721	6.445751277
ENSMUSG00000064688	12.73413332	6.260555194	8.473812573	1.610915344	7.87814045
ENSMUSG00000064689	9.904325918	8.347406925	5.649208382	8.054576721	7.161945863
ENSMUSG00000064691	7.781970364	6.260555194	9.179963621	5.638203705	10.7429188
ENSMUSG00000064692	13.44158517	9.738641413	9.179963621	8.860034393	7.87814045
ENSMUSG00000064693	15.56394073	27.12907251	16.94762515	17.72006879	17.18867007

ENSMUSG00000064694	9.196874066	7.651789682	4.943057334	6.443661377	9.310529622
ENSMUSG00000064696	5.65961481	5.56493795	9.179963621	19.33098413	21.48583759
ENSMUSG00000064697	2.122355554	2.086851731	1.412302096	0.805457672	1.432389173
ENSMUSG00000064698	9.196874066	9.738641413	9.886114669	5.638203705	8.594335036
ENSMUSG00000064702	2.829807405	12.52111039	5.649208382	7.249119049	4.297167518
ENSMUSG00000064704	10.61177777	9.043024169	12.00456781	8.860034393	7.87814045
ENSMUSG00000064706	12.02668147	6.260555194	7.767661525	8.860034393	7.87814045
ENSMUSG00000064707	3.537259256	5.56493795	2.824604191	2.416373016	5.013362104
ENSMUSG00000064709	5.65961481	7.651789682	8.473812573	8.860034393	6.445751277
ENSMUSG00000064714	8.489422215	9.043024169	7.767661525	8.860034393	15.04008631
ENSMUSG00000064715	74.28244438	109.9075245	93.21193831	86.98942859	67.32229112
ENSMUSG00000064717	7.781970364	8.347406925	6.35535943	3.221830688	10.7429188
ENSMUSG00000064718	11.31922962	6.956172438	4.943057334	3.221830688	7.87814045
ENSMUSG00000064719	41.73965922	68.86610713	64.25974535	43.49471429	41.53928601
ENSMUSG00000064720	0	0	0	0	0
ENSMUSG00000064721	0	0	0	0	0
ENSMUSG00000064722	7.074518513	10.43425866	7.767661525	7.249119049	7.87814045
ENSMUSG00000064724	12.73413332	8.347406925	6.35535943	12.08186508	7.161945863
ENSMUSG00000064725	0	0	0	0	0
ENSMUSG00000064726	0	0	0	0	0
ENSMUSG00000064727	9.904325918	6.260555194	7.767661525	3.221830688	2.864778345
ENSMUSG00000064728	6.367066661	4.869320706	4.943057334	4.02728836	4.297167518
ENSMUSG00000064731	9.196874066	12.52111039	10.59226572	66.85298678	64.45751277
ENSMUSG00000064732	5.65961481	8.347406925	7.767661525	3.221830688	5.013362104
ENSMUSG00000064734	9.196874066	6.956172438	10.59226572	6.443661377	7.161945863
ENSMUSG00000064735	8.489422215	13.91234488	9.179963621	4.02728836	5.729556691
ENSMUSG00000064737	12.02668147	7.651789682	7.767661525	4.832746033	9.310529622
ENSMUSG00000064738	14.14903703	15.99919661	18.35992724	14.4982381	17.18867007
ENSMUSG00000064739	5.65961481	6.260555194	8.473812573	10.47094974	6.445751277
ENSMUSG00000064740	0	0	0	0	0
ENSMUSG00000064741	4.952162959	6.956172438	6.35535943	32.21830688	23.63442135
ENSMUSG00000064742	5.65961481	6.260555194	6.35535943	7.249119049	10.7429188
ENSMUSG00000064743	9.196874066	9.043024169	12.71071886	4.832746033	4.297167518
ENSMUSG00000064745	7.074518513	5.56493795	2.824604191	7.249119049	7.161945863
ENSMUSG00000064746	9.196874066	10.43425866	4.943057334	1.610915344	6.445751277
ENSMUSG00000064748	11.31922962	6.956172438	4.236906287	5.638203705	3.580972932
ENSMUSG00000064751	0	0	0	0	0
ENSMUSG00000064755	4.952162959	10.43425866	6.35535943	8.054576721	5.013362104
ENSMUSG00000064758	8.489422215	6.260555194	4.943057334	8.054576721	10.7429188
ENSMUSG00000064759	9.196874066	5.56493795	6.35535943	6.443661377	7.161945863
ENSMUSG00000064761	9.196874066	5.56493795	8.473812573	5.638203705	9.310529622
ENSMUSG00000064762	4.952162959	7.651789682	7.061510478	3.221830688	2.148583759
ENSMUSG00000064763	7.781970364	6.956172438	6.35535943	4.832746033	7.87814045

ENSMUSG00000064764	56.5961481	88.34338996	62.84744325	75.71302118	75.91662615
ENSMUSG00000064765	5.65961481	0	3.530755239	0	0.716194586
ENSMUSG00000064766	8.489422215	12.52111039	7.767661525	8.054576721	7.87814045
ENSMUSG00000064767	7.781970364	13.91234488	13.41686991	37.85651059	26.49919969
ENSMUSG00000064768	2.122355554	1.391234488	4.943057334	7.249119049	6.445751277
ENSMUSG00000064769	6.367066661	4.173703463	4.943057334	1.610915344	5.013362104
ENSMUSG00000064770	12.02668147	9.043024169	11.29841676	12.08186508	16.47247549
ENSMUSG00000064772	4.244711108	4.173703463	4.236906287	1.610915344	5.013362104
ENSMUSG00000064775	7.074518513	9.738641413	8.473812573	4.02728836	4.297167518
ENSMUSG00000064776	6.367066661	4.173703463	8.473812573	7.249119049	5.013362104
ENSMUSG00000064777	11.31922962	6.260555194	7.061510478	3.221830688	5.729556691
ENSMUSG00000064778	0	0	0	0	0
ENSMUSG00000064779	7.781970364	5.56493795	7.767661525	8.860034393	8.594335036
ENSMUSG00000064780	6.367066661	13.91234488	10.59226572	29.80193387	28.64778345
ENSMUSG00000064781	2.829807405	4.869320706	4.236906287	1.610915344	2.148583759
ENSMUSG00000064782	4.952162959	9.043024169	8.473812573	8.860034393	8.594335036
ENSMUSG00000064783	9.196874066	2.782468975	7.767661525	4.832746033	5.013362104
ENSMUSG00000064788	5.65961481	6.260555194	7.767661525	4.832746033	10.02672421
ENSMUSG00000064791	2.122355554	2.782468975	2.824604191	4.832746033	3.580972932
ENSMUSG00000064792	24.05336294	46.60635533	35.30755239	22.55281482	27.21539428
ENSMUSG00000064793	11.31922962	2.782468975	4.236906287	5.638203705	7.161945863
ENSMUSG00000064795	5.65961481	9.738641413	9.179963621	5.638203705	12.89150255
ENSMUSG00000064796	2.829807405	3.478086219	2.118453143	1.610915344	2.864778345
ENSMUSG00000064797	0	0	0	0	0
ENSMUSG00000064798	12.02668147	4.869320706	8.473812573	4.832746033	10.7429188
ENSMUSG00000064800	12.73413332	6.260555194	8.473812573	5.638203705	2.148583759
ENSMUSG00000064801	8.489422215	5.56493795	12.00456781	1.610915344	4.297167518
ENSMUSG00000064802	7.781970364	4.869320706	8.473812573	5.638203705	5.729556691
ENSMUSG00000064805	9.196874066	8.347406925	4.236906287	3.221830688	9.310529622
ENSMUSG00000064806	7.074518513	9.738641413	8.473812573	4.02728836	5.729556691
ENSMUSG00000064811	27.5906222	45.91073809	40.95676077	57.99295239	51.56601022
ENSMUSG00000064814	9.196874066	13.91234488	13.41686991	9.665492065	11.45911338
ENSMUSG00000064816	0	0	0	0	0
ENSMUSG00000064818	7.781970364	2.782468975	2.824604191	3.221830688	0.716194586
ENSMUSG00000064822	4.244711108	6.956172438	7.767661525	8.054576721	5.013362104
ENSMUSG00000064823	23.34591109	51.47567604	47.3121202	216.6681138	154.6980307
ENSMUSG00000064824	10.61177777	10.43425866	6.35535943	6.443661377	7.161945863
ENSMUSG00000064829	0	0	0	0	0
ENSMUSG00000064830	3.537259256	6.260555194	5.649208382	4.02728836	5.013362104
ENSMUSG00000064831	5.65961481	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG00000064833	11.31922962	9.043024169	11.29841676	8.054576721	9.310529622
ENSMUSG00000064834	9.196874066	6.260555194	4.943057334	4.832746033	6.445751277
ENSMUSG00000064836	13.44158517	18.08604834	14.829172	8.860034393	13.60769714



ENSMUSG00000064837	4.244711108	2.086851731	2.118453143	11.27640741	4.297167518
ENSMUSG00000064840	11.31922962	6.956172438	6.35535943	8.054576721	6.445751277
ENSMUSG00000064841	0.707451851	6.260555194	9.886114669	58.79841006	38.67450766
ENSMUSG00000064842	7.074518513	6.956172438	9.886114669	4.832746033	2.148583759
ENSMUSG00000064843	4.952162959	6.260555194	4.236906287	4.832746033	7.161945863
ENSMUSG00000064844	1.414903703	2.782468975	0.706151048	9.665492065	5.729556691
ENSMUSG00000064845	24.05336294	38.95456565	31.0706461	29.80193387	30.79636721
ENSMUSG00000064850	10.61177777	9.043024169	4.943057334	5.638203705	6.445751277
ENSMUSG00000064851	10.61177777	16.69481385	11.29841676	14.4982381	9.310529622
ENSMUSG00000064853	97.62835547	105.0382038	122.8702823	252.913709	177.6162574
ENSMUSG00000064854	9.196874066	6.260555194	7.061510478	4.832746033	5.729556691
ENSMUSG00000064855	9.196874066	7.651789682	9.179963621	4.832746033	6.445751277
ENSMUSG00000064856	4.244711108	12.52111039	5.649208382	4.832746033	3.580972932
ENSMUSG00000064857	78.52715549	98.08203137	117.2210739	145.7878386	112.4425501
ENSMUSG00000064858	3.537259256	4.869320706	4.943057334	4.832746033	12.17530797
ENSMUSG00000064859	102.5805184	146.0796212	123.5764334	89.4058016	73.05184781
ENSMUSG00000064860	9.904325918	4.869320706	9.179963621	3.221830688	10.02672421
ENSMUSG00000064862	6.367066661	2.086851731	5.649208382	5.638203705	10.7429188
ENSMUSG00000064867	8.489422215	9.043024169	5.649208382	8.054576721	9.310529622
ENSMUSG00000064871	0	0	0	0	0
ENSMUSG00000064872	11.31922962	9.043024169	9.179963621	4.02728836	7.87814045
ENSMUSG00000064876	0	0	0	0	0
ENSMUSG00000064877	22.63845924	24.34660353	19.06607829	23.35827249	15.04008631
ENSMUSG00000064880	0	0	0	0	0
ENSMUSG00000064882	11.31922962	10.43425866	7.061510478	6.443661377	7.87814045
ENSMUSG00000064883	9.904325918	2.782468975	7.061510478	7.249119049	10.7429188
ENSMUSG00000064884	7.781970364	6.260555194	8.473812573	7.249119049	7.161945863
ENSMUSG00000064887	3.537259256	9.738641413	4.943057334	3.221830688	7.87814045
ENSMUSG00000064889	4.952162959	6.260555194	11.29841676	4.832746033	4.297167518
ENSMUSG00000064890	11.31922962	10.43425866	8.473812573	4.02728836	9.310529622
ENSMUSG00000064897	16.97884443	21.56413456	22.59683353	17.72006879	17.90486466
ENSMUSG00000064899	0	0	0	0	0
ENSMUSG00000064900	4.952162959	2.782468975	2.824604191	1.610915344	5.013362104
ENSMUSG00000064901	0	0	0	0	0
ENSMUSG00000064904	13.44158517	4.869320706	12.71071886	9.665492065	5.013362104
ENSMUSG00000064905	7.074518513	5.56493795	4.943057334	6.443661377	5.013362104
ENSMUSG00000064906	16.97884443	13.91234488	16.94762515	12.08186508	20.05344842
ENSMUSG00000064907	19.80865184	29.91154148	23.30298458	33.82922223	22.91822676
ENSMUSG00000064909	7.781970364	5.56493795	11.29841676	3.221830688	9.310529622
ENSMUSG00000064915	7.074518513	9.043024169	5.649208382	5.638203705	4.297167518
ENSMUSG00000064916	24.05336294	29.91154148	21.18453143	25.77464551	29.36397804
ENSMUSG00000064917	4.244711108	6.956172438	6.35535943	21.74735715	10.7429188
ENSMUSG00000064918	0	0	0	0	0

ENSMUSG00000064919	141.4903703	148.8620902	176.5377619	158.6751614	158.9951982
ENSMUSG00000064921	5.65961481	8.347406925	13.41686991	10.47094974	6.445751277
ENSMUSG00000064923	4.244711108	9.738641413	9.179963621	9.665492065	2.148583759
ENSMUSG00000064925	0.707451851	3.478086219	0.706151048	14.4982381	5.013362104
ENSMUSG00000064926	12.02668147	4.869320706	12.71071886	8.860034393	7.87814045
ENSMUSG00000064927	5.65961481	6.260555194	8.473812573	4.02728836	3.580972932
ENSMUSG00000064928	11.31922962	5.56493795	4.943057334	9.665492065	5.729556691
ENSMUSG00000064930	12.73413332	10.43425866	7.061510478	8.054576721	12.89150255
ENSMUSG00000064932	7.074518513	10.43425866	10.59226572	6.443661377	5.013362104
ENSMUSG00000064936	44.56946663	88.34338996	71.32125582	92.62763229	94.5376854
ENSMUSG00000064938	0	0	0	0	0
ENSMUSG00000064939	4.952162959	4.869320706	6.35535943	4.02728836	9.310529622
ENSMUSG00000064940	7.074518513	4.869320706	4.943057334	5.638203705	8.594335036
ENSMUSG00000064941	6.367066661	6.260555194	4.943057334	9.665492065	8.594335036
ENSMUSG00000064943	13.44158517	9.738641413	5.649208382	5.638203705	7.161945863
ENSMUSG00000064945	7.074518513	13.21672763	9.886114669	12.88732275	10.02672421
ENSMUSG00000064948	1.414903703	2.782468975	0.706151048	1.610915344	2.864778345
ENSMUSG00000064949	0	0	0	0	0
ENSMUSG00000064952	39.61730367	73.73542784	65.67204744	74.9075635	52.2822048
ENSMUSG00000064954	9.196874066	4.869320706	6.35535943	4.832746033	9.310529622
ENSMUSG00000064956	10.61177777	13.21672763	12.00456781	6.443661377	12.17530797
ENSMUSG00000064958	9.196874066	5.56493795	6.35535943	5.638203705	9.310529622
ENSMUSG00000064959	1.414903703	2.086851731	2.824604191	3.221830688	1.432389173
ENSMUSG00000064960	39.61730367	74.43104508	72.02740687	89.4058016	82.36237743
ENSMUSG00000064961	7.781970364	3.478086219	7.767661525	5.638203705	4.297167518
ENSMUSG00000064964	31.83533331	47.99758982	43.78136496	34.6346799	35.09353473
ENSMUSG00000064966	29.71297775	56.34499675	39.54445867	193.3098413	123.9016634
ENSMUSG00000064967	10.61177777	9.043024169	4.943057334	4.02728836	9.310529622
ENSMUSG00000064968	0	0	0	0	0
ENSMUSG00000064970	9.196874066	6.956172438	12.71071886	10.47094974	9.310529622
ENSMUSG00000064971	5.65961481	9.043024169	9.886114669	8.054576721	7.161945863
ENSMUSG00000064972	5.65961481	4.173703463	7.061510478	3.221830688	1.432389173
ENSMUSG00000064977	2.122355554	2.086851731	0.706151048	0.805457672	1.432389173
ENSMUSG00000064981	6.367066661	4.173703463	5.649208382	8.860034393	8.594335036
ENSMUSG00000064982	7.074518513	2.782468975	0	4.832746033	10.02672421
ENSMUSG00000064983	11.31922962	4.869320706	10.59226572	5.638203705	4.297167518
ENSMUSG00000064984	6.367066661	6.956172438	4.943057334	15.30369577	20.05344842
ENSMUSG00000064987	9.904325918	9.738641413	6.35535943	3.221830688	10.02672421
ENSMUSG00000064992	7.074518513	8.347406925	7.767661525	6.443661377	8.594335036
ENSMUSG00000064994	29.0055259	46.60635533	36.01370344	116.7913625	90.95671247
ENSMUSG00000064995	0	0	0	0	0
ENSMUSG00000064999	4.244711108	6.956172438	7.767661525	1.610915344	3.580972932
ENSMUSG00000065004	8.489422215	11.82549314	8.473812573	3.221830688	5.729556691

ENSMUSG00000065005	7.074518513	2.782468975	5.649208382	3.221830688	5.729556691
ENSMUSG00000065006	7.074518513	4.869320706	5.649208382	6.443661377	7.87814045
ENSMUSG00000065007	1.414903703	2.086851731	2.118453143	0.805457672	3.580972932
ENSMUSG00000065011	7.074518513	9.738641413	7.061510478	4.02728836	11.45911338
ENSMUSG00000065012	1.414903703	0.695617244	1.412302096	1.610915344	2.864778345
ENSMUSG00000065013	0	0	0	0	0
ENSMUSG00000065014	4.952162959	6.956172438	4.943057334	3.221830688	6.445751277
ENSMUSG00000065016	0	0	0	0	0
ENSMUSG00000065017	4.244711108	6.956172438	15.53532305	2.416373016	8.594335036
ENSMUSG00000065018	8.489422215	7.651789682	7.767661525	7.249119049	5.013362104
ENSMUSG00000065022	0	0	0	0	0
ENSMUSG00000065027	7.074518513	4.869320706	7.061510478	8.860034393	5.013362104
ENSMUSG00000065028	11.31922962	5.56493795	4.943057334	7.249119049	8.594335036
ENSMUSG00000065029	7.781970364	5.56493795	5.649208382	8.054576721	2.148583759
ENSMUSG00000065030	4.244711108	7.651789682	7.061510478	6.443661377	5.729556691
ENSMUSG00000065031	3.537259256	3.478086219	4.236906287	4.02728836	4.297167518
ENSMUSG00000065034	4.244711108	9.043024169	7.767661525	4.832746033	11.45911338
ENSMUSG00000065036	38.20239997	31.99839321	41.66291182	127.2623122	83.07857202
ENSMUSG00000065037	5.65961481	7.651789682	9.179963621	5.638203705	7.87814045
ENSMUSG00000065040	8.489422215	6.260555194	10.59226572	4.02728836	5.013362104
ENSMUSG00000065041	0	0	0	0	0
ENSMUSG00000065042	14.14903703	8.347406925	7.061510478	0	2.864778345
ENSMUSG00000065044	20.51610369	15.99919661	19.06607829	15.30369577	27.21539428
ENSMUSG00000065045	9.904325918	14.60796212	9.179963621	8.860034393	11.45911338
ENSMUSG00000065047	14.14903703	16.69481385	20.47838039	28.9964762	23.63442135
ENSMUSG00000065048	6.367066661	5.56493795	7.767661525	4.02728836	1.432389173
ENSMUSG00000065049	39.61730367	69.56172438	56.49208382	39.46742593	43.68786977
ENSMUSG00000065050	10.61177777	9.738641413	6.35535943	8.054576721	8.594335036
ENSMUSG00000065053	8.489422215	6.260555194	4.943057334	4.02728836	5.013362104
ENSMUSG00000065055	7.781970364	4.869320706	10.59226572	6.443661377	12.17530797
ENSMUSG00000065057	9.904325918	7.651789682	7.767661525	5.638203705	4.297167518
ENSMUSG00000065061	0	0	0	0.805457672	0
ENSMUSG00000065068	5.65961481	7.651789682	3.530755239	3.221830688	2.148583759
ENSMUSG00000065070	5.65961481	10.43425866	7.061510478	2.416373016	9.310529622
ENSMUSG00000065072	9.196874066	6.956172438	4.943057334	7.249119049	10.02672421
ENSMUSG00000065074	4.952162959	2.782468975	4.943057334	3.221830688	5.729556691
ENSMUSG00000065078	0	0	0	0	0
ENSMUSG00000065079	7.781970364	6.260555194	7.767661525	6.443661377	7.161945863
ENSMUSG00000065080	103.2879703	125.9067211	113.6903187	94.23854763	92.38910164
ENSMUSG00000065083	10.61177777	8.347406925	10.59226572	15.30369577	5.729556691
ENSMUSG00000065084	7.074518513	12.52111039	11.29841676	4.02728836	5.729556691
ENSMUSG00000065086	9.196874066	5.56493795	11.29841676	7.249119049	3.580972932
ENSMUSG00000065087	0.707451851	0	1.412302096	0	0.716194586

ENSMUSG00000065088	6.367066661	2.086851731	7.061510478	0.805457672	5.729556691
ENSMUSG00000065089	23.34591109	31.99839321	22.59683353	27.38556085	27.93158887
ENSMUSG00000065090	9.196874066	4.869320706	5.649208382	2.416373016	11.45911338
ENSMUSG00000065091	1.414903703	0	1.412302096	2.416373016	0.716194586
ENSMUSG00000065094	0.707451851	3.478086219	2.118453143	9.665492065	2.148583759
ENSMUSG00000065095	4.244711108	4.869320706	2.824604191	2.416373016	3.580972932
ENSMUSG00000065096	6.367066661	5.56493795	8.473812573	6.443661377	5.729556691
ENSMUSG00000065097	0	0	0	0	0
ENSMUSG00000065100	33.25023701	50.7800588	48.7244223	42.68925662	46.55264811
ENSMUSG00000065102	9.904325918	9.738641413	8.473812573	4.02728836	6.445751277
ENSMUSG00000065104	9.904325918	4.869320706	4.236906287	2.416373016	5.013362104
ENSMUSG00000065105	26.1757185	43.12826911	37.42600553	115.1804471	98.83485292
ENSMUSG00000065107	5.65961481	7.651789682	6.35535943	3.221830688	8.594335036
ENSMUSG00000065110	14.14903703	26.43345526	24.00913562	25.77464551	22.91822676
ENSMUSG00000065111	6.367066661	5.56493795	11.29841676	5.638203705	7.87814045
ENSMUSG00000065115	10.61177777	11.1298759	8.473812573	7.249119049	6.445751277
ENSMUSG00000065118	31.83533331	52.86691053	46.60596915	53.96566403	45.83645353
ENSMUSG00000065122	9.904325918	6.956172438	9.886114669	8.860034393	5.013362104
ENSMUSG00000065124	7.074518513	21.56413456	21.18453143	99.07129367	49.41742646
ENSMUSG00000065126	1.414903703	0	0.706151048	0	0.716194586
ENSMUSG00000065127	16.27139258	22.2597518	19.06607829	9.665492065	19.33725383
ENSMUSG00000065130	91.26128881	141.9059177	139.1117564	109.5422434	91.67290705
ENSMUSG00000065132	13.44158517	9.043024169	2.824604191	6.443661377	10.7429188
ENSMUSG00000065138	14.14903703	5.56493795	8.473812573	9.665492065	5.013362104
ENSMUSG00000065141	7.074518513	4.869320706	11.29841676	1.610915344	8.594335036
ENSMUSG00000065143	9.904325918	8.347406925	10.59226572	7.249119049	5.013362104
ENSMUSG00000065145	4.244711108	5.56493795	5.649208382	8.054576721	3.580972932
ENSMUSG00000065147	11.31922962	20.17290007	11.29841676	56.38203705	36.5259239
ENSMUSG00000065151	7.074518513	11.1298759	7.061510478	4.02728836	7.87814045
ENSMUSG00000065155	2.829807405	5.56493795	3.530755239	5.638203705	6.445751277
ENSMUSG00000065158	25.46826665	48.69320706	36.01370344	22.55281482	25.78300511
ENSMUSG00000065159	46.69182218	77.9091313	72.73355792	63.6311561	65.88990194
ENSMUSG00000065160	0	0	0	0	0
ENSMUSG00000065162	49.52162959	57.73623123	57.90438592	120.0131931	108.8615771
ENSMUSG00000065164	10.61177777	9.738641413	10.59226572	4.02728836	5.013362104
ENSMUSG00000065165	9.196874066	13.21672763	5.649208382	4.832746033	9.310529622
ENSMUSG00000065173	7.781970364	7.651789682	6.35535943	2.416373016	5.013362104
ENSMUSG00000065176	100.4581629	119.6461659	99.56729774	190.8934683	128.198831
ENSMUSG00000065178	3.537259256	4.173703463	4.236906287	2.416373016	3.580972932
ENSMUSG00000065181	5.65961481	10.43425866	7.767661525	4.832746033	9.310529622
ENSMUSG00000065182	11.31922962	9.738641413	7.767661525	4.832746033	5.729556691
ENSMUSG00000065185	11.31922962	13.21672763	12.00456781	5.638203705	6.445751277
ENSMUSG00000065187	10.61177777	8.347406925	8.473812573	7.249119049	6.445751277

ENSMUSG00000065188	8.489422215	2.782468975	7.767661525	8.860034393	5.013362104
ENSMUSG00000065191	50.22908144	59.82308296	43.78136496	17.72006879	22.20203218
ENSMUSG00000065192	9.196874066	4.173703463	4.943057334	8.860034393	7.161945863
ENSMUSG00000065193	6.367066661	7.651789682	8.473812573	7.249119049	5.729556691
ENSMUSG00000065195	13.44158517	10.43425866	5.649208382	5.638203705	5.729556691
ENSMUSG00000065196	43.86201478	79.99598303	61.43514116	78.12939419	65.17370736
ENSMUSG00000065198	28.29807405	75.82227957	43.78136496	23.35827249	32.94495097
ENSMUSG00000065199	7.781970364	6.260555194	2.824604191	4.02728836	7.161945863
ENSMUSG00000065200	8.489422215	6.956172438	7.767661525	4.832746033	7.161945863
ENSMUSG00000065201	7.781970364	9.738641413	7.061510478	4.02728836	12.17530797
ENSMUSG00000065202	139.3680147	203.1202352	170.8885536	158.6751614	141.8065281
ENSMUSG00000065203	7.781970364	13.21672763	9.886114669	3.221830688	7.161945863
ENSMUSG00000065204	9.196874066	8.347406925	8.473812573	15.30369577	9.310529622
ENSMUSG00000065206	9.904325918	9.043024169	8.473812573	7.249119049	5.013362104
ENSMUSG00000065208	0.707451851	0	1.412302096	6.443661377	2.148583759
ENSMUSG00000065211	23.34591109	41.73703463	33.18909925	28.9964762	37.95831308
ENSMUSG00000065212	8.489422215	8.347406925	10.59226572	7.249119049	7.161945863
ENSMUSG00000065215	10.61177777	6.956172438	10.59226572	8.860034393	4.297167518
ENSMUSG00000065219	1.414903703	0	0	8.860034393	4.297167518
ENSMUSG00000065220	50.22908144	62.60555194	72.73355792	100.682209	76.63282074
ENSMUSG00000065221	6.367066661	6.260555194	5.649208382	1.610915344	1.432389173
ENSMUSG00000065223	12.02668147	6.956172438	5.649208382	4.832746033	5.013362104
ENSMUSG00000065226	0	0	0	0	0
ENSMUSG00000065227	9.904325918	4.173703463	6.35535943	6.443661377	6.445751277
ENSMUSG00000065228	0	0	0	0.805457672	0.716194586
ENSMUSG00000065231	9.904325918	11.1298759	9.179963621	9.665492065	12.17530797
ENSMUSG00000065232	9.904325918	14.60796212	14.829172	6.443661377	14.32389173
ENSMUSG00000065233	7.781970364	6.956172438	7.767661525	4.02728836	4.297167518
ENSMUSG00000065235	5.65961481	6.260555194	7.767661525	2.416373016	2.864778345
ENSMUSG00000065236	12.73413332	18.08604834	15.53532305	15.30369577	18.62105924
ENSMUSG00000065237	9.904325918	3.478086219	8.473812573	7.249119049	9.310529622
ENSMUSG00000065238	9.904325918	4.173703463	5.649208382	6.443661377	5.013362104
ENSMUSG00000065239	12.02668147	4.869320706	5.649208382	0.805457672	10.7429188
ENSMUSG00000065242	3.537259256	4.173703463	4.236906287	5.638203705	5.729556691
ENSMUSG00000065244	11.31922962	2.782468975	7.767661525	4.832746033	8.594335036
ENSMUSG00000065245	8.489422215	9.043024169	14.829172	6.443661377	10.02672421
ENSMUSG00000065246	13.44158517	16.69481385	14.12302096	15.30369577	20.769643
ENSMUSG00000065248	9.904325918	4.869320706	7.767661525	2.416373016	5.729556691
ENSMUSG00000065251	7.074518513	13.91234488	7.061510478	5.638203705	7.87814045
ENSMUSG00000065253	8.489422215	8.347406925	5.649208382	6.443661377	6.445751277
ENSMUSG00000065254	8.489422215	7.651789682	9.886114669	3.221830688	7.87814045
ENSMUSG00000065255	6.367066661	6.956172438	4.943057334	8.054576721	1.432389173
ENSMUSG00000065256	8.489422215	6.956172438	13.41686991	1.610915344	7.161945863

ENSMUSG00000065258	0	0	0	0	0
ENSMUSG00000065259	45.98437033	49.38882431	59.31668801	66.04752911	52.2822048
ENSMUSG00000065260	9.196874066	6.956172438	6.35535943	3.221830688	6.445751277
ENSMUSG00000065261	12.02668147	9.043024169	5.649208382	2.416373016	2.864778345
ENSMUSG00000065262	29.71297775	34.08524495	29.65834401	71.68573282	46.55264811
ENSMUSG00000065265	0	0	0	0	0
ENSMUSG00000065266	4.952162959	2.782468975	4.943057334	3.221830688	3.580972932
ENSMUSG00000065269	7.781970364	6.260555194	4.943057334	2.416373016	2.148583759
ENSMUSG00000065270	6.367066661	11.1298759	5.649208382	6.443661377	6.445751277
ENSMUSG00000065272	1.414903703	0.695617244	0.706151048	4.02728836	0.716194586
ENSMUSG00000065273	87.72402956	112.6899935	97.44884459	186.0607223	158.2790036
ENSMUSG00000065274	4.244711108	9.043024169	2.824604191	5.638203705	3.580972932
ENSMUSG00000065275	2.829807405	3.478086219	2.824604191	3.221830688	1.432389173
ENSMUSG00000065277	8.489422215	6.260555194	8.473812573	5.638203705	2.148583759
ENSMUSG00000065279	7.074518513	12.52111039	15.53532305	6.443661377	7.87814045
ENSMUSG00000065280	0	0	0	0	0
ENSMUSG00000065281	0	0	0	0	0
ENSMUSG00000065282	0	0	0	0	0
ENSMUSG00000065283	6.367066661	5.56493795	4.943057334	7.249119049	7.87814045
ENSMUSG00000065287	0	0	0	0	0
ENSMUSG00000065289	0	0	0	0	0
ENSMUSG00000065291	9.904325918	13.21672763	15.53532305	13.69278043	5.729556691
ENSMUSG00000065293	12.73413332	8.347406925	4.943057334	3.221830688	6.445751277
ENSMUSG00000065295	0.707451851	2.782468975	0	6.443661377	0.716194586
ENSMUSG00000065296	10.61177777	5.56493795	16.2414741	13.69278043	13.60769714
ENSMUSG00000065297	7.074518513	6.260555194	4.236906287	6.443661377	8.594335036
ENSMUSG00000065298	12.02668147	15.99919661	15.53532305	12.88732275	13.60769714
ENSMUSG00000065299	49.52162959	70.25734162	60.72899011	29.80193387	44.40406435
ENSMUSG00000065301	46.69182218	47.99758982	44.48751601	62.02024075	58.72795608
ENSMUSG00000065303	5.65961481	9.738641413	8.473812573	2.416373016	6.445751277
ENSMUSG00000065304	14.85648888	29.91154148	27.53989086	89.4058016	64.45751277
ENSMUSG00000065305	0	0	0	0	0
ENSMUSG00000065307	9.904325918	4.173703463	8.473812573	12.08186508	12.17530797
ENSMUSG00000065309	7.074518513	7.651789682	7.767661525	8.054576721	9.310529622
ENSMUSG00000065311	7.781970364	4.869320706	7.061510478	9.665492065	5.729556691
ENSMUSG00000065312	9.196874066	9.043024169	7.061510478	4.832746033	5.729556691
ENSMUSG00000065313	7.781970364	11.1298759	4.943057334	8.054576721	6.445751277
ENSMUSG00000065314	3.537259256	2.782468975	2.824604191	4.02728836	3.580972932
ENSMUSG00000065315	24.05336294	56.34499675	59.31668801	57.18749472	44.40406435
ENSMUSG00000065319	4.244711108	4.173703463	2.118453143	3.221830688	5.013362104
ENSMUSG00000065320	7.074518513	4.869320706	5.649208382	4.832746033	7.87814045
ENSMUSG00000065321	4.952162959	5.56493795	4.236906287	1.610915344	5.013362104
ENSMUSG00000065322	2.829807405	4.869320706	1.412302096	1.610915344	1.432389173

ENSMUSG00000065327	9.904325918	9.738641413	6.35535943	5.638203705	9.310529622
ENSMUSG00000065328	12.73413332	9.738641413	6.35535943	2.416373016	7.87814045
ENSMUSG00000065329	9.196874066	9.738641413	15.53532305	4.832746033	7.87814045
ENSMUSG00000065330	15.56394073	11.1298759	5.649208382	4.02728836	6.445751277
ENSMUSG00000065331	12.02668147	10.43425866	9.886114669	4.832746033	11.45911338
ENSMUSG00000065333	6.367066661	9.043024169	6.35535943	0.805457672	4.297167518
ENSMUSG00000065336	16.27139258	16.69481385	23.30298458	32.21830688	26.49919969
ENSMUSG00000065337	9.196874066	11.82549314	9.886114669	5.638203705	7.87814045
ENSMUSG00000065340	6.367066661	6.956172438	9.886114669	4.832746033	7.87814045
ENSMUSG00000065341	1.414903703	4.869320706	0	1.610915344	0.716194586
ENSMUSG00000065343	13.44158517	19.47728283	17.65377619	9.665492065	12.89150255
ENSMUSG00000065344	11.31922962	10.43425866	9.179963621	4.02728836	9.310529622
ENSMUSG00000065346	9.904325918	11.82549314	7.767661525	5.638203705	7.161945863
ENSMUSG00000065347	12.73413332	9.043024169	8.473812573	4.02728836	4.297167518
ENSMUSG00000065348	10.61177777	9.738641413	8.473812573	8.054576721	7.161945863
ENSMUSG00000065353	1.414903703	2.086851731	4.236906287	10.47094974	5.729556691
ENSMUSG00000065360	15.56394073	18.78166558	26.12758877	22.55281482	30.79636721
ENSMUSG00000065361	5.65961481	6.260555194	7.061510478	8.054576721	5.013362104
ENSMUSG00000065362	4.952162959	3.478086219	7.767661525	12.88732275	7.87814045
ENSMUSG00000065367	10.61177777	11.82549314	7.061510478	10.47094974	7.87814045
ENSMUSG00000065368	2.122355554	1.391234488	2.118453143	0.805457672	0.716194586
ENSMUSG00000065371	2.122355554	2.782468975	5.649208382	2.416373016	2.148583759
ENSMUSG00000065372	7.781970364	6.956172438	4.943057334	6.443661377	8.594335036
ENSMUSG00000065373	9.904325918	9.043024169	6.35535943	8.054576721	8.594335036
ENSMUSG00000065374	14.85648888	15.30357936	14.12302096	14.4982381	12.89150255
ENSMUSG00000065378	0	0	0	0	0
ENSMUSG00000065379	7.781970364	9.043024169	3.530755239	4.02728836	5.013362104
ENSMUSG00000065380	8.489422215	6.260555194	6.35535943	6.443661377	12.17530797
ENSMUSG00000065381	9.196874066	9.738641413	4.943057334	7.249119049	4.297167518
ENSMUSG00000065382	7.781970364	8.347406925	12.00456781	6.443661377	8.594335036
ENSMUSG00000065384	7.074518513	2.086851731	7.767661525	8.860034393	8.594335036
ENSMUSG00000065385	9.196874066	7.651789682	8.473812573	5.638203705	8.594335036
ENSMUSG00000065387	6.367066661	5.56493795	4.236906287	4.832746033	3.580972932
ENSMUSG00000065388	4.244711108	4.173703463	7.767661525	7.249119049	5.729556691
ENSMUSG00000065389	9.196874066	9.043024169	7.061510478	7.249119049	6.445751277
ENSMUSG00000065392	0	0	0	0	0
ENSMUSG00000065394	3.537259256	0.695617244	3.530755239	0	5.013362104
ENSMUSG00000065395	3.537259256	4.869320706	7.061510478	8.054576721	6.445751277
ENSMUSG00000065396	2.122355554	1.391234488	0.706151048	0	2.148583759
ENSMUSG00000065397	16.97884443	18.08604834	17.65377619	166.7297381	110.2939663
ENSMUSG00000065398	1.414903703	3.478086219	1.412302096	2.416373016	0
ENSMUSG00000065399	8.489422215	5.56493795	4.236906287	5.638203705	5.013362104
ENSMUSG00000065400	0	0	0	0	0

ENSMUSG00000065401	0	0.695617244	0	0	0
ENSMUSG00000065402	9.904325918	9.043024169	7.767661525	5.638203705	8.594335036
ENSMUSG00000065403	0	0	0	0	0
ENSMUSG00000065404	0	0	0.706151048	0	0
ENSMUSG00000065405	9.904325918	9.043024169	8.473812573	4.832746033	3.580972932
ENSMUSG00000065406	30.4204296	45.21512085	41.66291182	112.7640741	84.51096119
ENSMUSG00000065407	12.02668147	7.651789682	9.179963621	9.665492065	5.013362104
ENSMUSG00000065408	10.61177777	6.956172438	10.59226572	4.832746033	6.445751277
ENSMUSG00000065409	12.73413332	16.69481385	21.89068248	11.27640741	8.594335036
ENSMUSG00000065410	0.707451851	2.086851731	2.118453143	0.805457672	0.716194586
ENSMUSG00000065411	8.489422215	15.30357936	13.41686991	13.69278043	21.48583759
ENSMUSG00000065412	0	2.086851731	0.706151048	1.610915344	0
ENSMUSG00000065413	0	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000065414	9.196874066	4.869320706	9.886114669	4.832746033	5.013362104
ENSMUSG00000065415	9.904325918	6.956172438	5.649208382	2.416373016	2.864778345
ENSMUSG00000065416	0	0	0	0	0
ENSMUSG00000065417	47.39927403	64.69240367	60.02283906	29.80193387	39.39070225
ENSMUSG00000065418	0	0	0	0	0
ENSMUSG00000065420	113.8997481	150.9489419	134.8748501	306.8793731	203.3992625
ENSMUSG00000065421	19.80865184	29.21592424	26.83373982	50.74383334	26.49919969
ENSMUSG00000065422	0	0	0.706151048	0	0.716194586
ENSMUSG00000065423	2.829807405	2.782468975	5.649208382	0	3.580972932
ENSMUSG00000065424	4.952162959	6.260555194	2.824604191	9.665492065	9.310529622
ENSMUSG00000065425	4.952162959	1.391234488	3.530755239	3.221830688	3.580972932
ENSMUSG00000065426	0	0	0	0	0
ENSMUSG00000065427	0.707451851	0.695617244	0.706151048	0.805457672	0
ENSMUSG00000065428	0.707451851	0	1.412302096	0	0
ENSMUSG00000065429	14.85648888	22.95536904	21.18453143	23.35827249	25.06681052
ENSMUSG00000065430	0	2.086851731	0	0.805457672	0
ENSMUSG00000065431	12.02668147	13.21672763	6.35535943	28.19101852	22.20203218
ENSMUSG00000065432	12.73413332	9.043024169	10.59226572	8.054576721	5.013362104
ENSMUSG00000065433	0	0.695617244	0	1.610915344	0
ENSMUSG00000065434	14.85648888	29.21592424	24.00913562	57.99295239	52.2822048
ENSMUSG00000065435	7.781970364	5.56493795	7.061510478	4.02728836	3.580972932
ENSMUSG00000065436	106.8252295	152.3401764	141.9363606	99.87675134	93.10529622
ENSMUSG00000065437	24.76081479	38.95456565	35.30755239	26.58010318	22.91822676
ENSMUSG00000065438	0	0	0	0	0
ENSMUSG00000065439	9.196874066	10.43425866	16.2414741	6.443661377	8.594335036
ENSMUSG00000065440	118.851911	165.556904	143.3486627	220.6954022	164.0085603
ENSMUSG00000065441	13.44158517	6.260555194	4.943057334	4.02728836	5.013362104
ENSMUSG00000065442	0	0	0	0	0
ENSMUSG00000065443	2.829807405	2.086851731	4.236906287	4.02728836	3.580972932
ENSMUSG00000065444	0	0	0	0	0



ENSMUSG00000065445	0.707451851	1.391234488	2.118453143	3.221830688	1.432389173
ENSMUSG00000065446	19.10119998	27.12907251	31.0706461	12.08186508	20.05344842
ENSMUSG00000065447	0	0	0	0	0
ENSMUSG00000065448	0	0	0	0	0
ENSMUSG00000065449	7.781970364	7.651789682	6.35535943	4.832746033	6.445751277
ENSMUSG00000065450	4.244711108	1.391234488	0.706151048	4.02728836	5.729556691
ENSMUSG00000065451	30.4204296	68.86610713	48.7244223	22.55281482	30.08017263
ENSMUSG00000065452	19.80865184	24.34660353	17.65377619	37.05105292	40.82309142
ENSMUSG00000065453	9.196874066	17.39043109	14.12302096	19.33098413	25.78300511
ENSMUSG00000065454	0	0	0	0	0
ENSMUSG00000065455	46.69182218	66.08363816	54.37363068	306.0739154	224.8851001
ENSMUSG00000065456	0	0	0	0	0
ENSMUSG00000065457	8.489422215	5.56493795	6.35535943	1.610915344	9.310529622
ENSMUSG00000065458	0.707451851	0	0.706151048	0	0
ENSMUSG00000065460	8.489422215	6.260555194	7.767661525	4.832746033	8.594335036
ENSMUSG00000065462	0	0	0	0	0
ENSMUSG00000065463	0	0	0	0	0
ENSMUSG00000065464	15.56394073	27.12907251	24.71528667	10.47094974	17.18867007
ENSMUSG00000065465	24.76081479	35.47647943	31.77679715	29.80193387	35.80972932
ENSMUSG00000065466	7.781970364	6.956172438	9.886114669	5.638203705	8.594335036
ENSMUSG00000065468	19.10119998	26.43345526	26.83373982	28.19101852	27.21539428
ENSMUSG00000065469	7.074518513	6.260555194	8.473812573	4.02728836	3.580972932
ENSMUSG00000065470	5.65961481	2.782468975	3.530755239	6.443661377	9.310529622
ENSMUSG00000065471	0.707451851	0.695617244	0.706151048	2.416373016	4.297167518
ENSMUSG00000065472	9.904325918	6.260555194	4.943057334	0.805457672	7.161945863
ENSMUSG00000065473	0	0	0	0	0
ENSMUSG00000065474	0	0	0	0	0
ENSMUSG00000065475	0	0	0	0	0.716194586
ENSMUSG00000065476	0	0	0	0	0
ENSMUSG00000065477	0	0	0	0	0
ENSMUSG00000065479	0	0	0	0	0
ENSMUSG00000065480	9.196874066	8.347406925	7.767661525	6.443661377	4.297167518
ENSMUSG00000065481	5.65961481	3.478086219	7.061510478	3.221830688	10.02672421
ENSMUSG00000065482	0	0	0	0	0
ENSMUSG00000065483	0	0.695617244	0	0	0.716194586
ENSMUSG00000065484	7.074518513	2.782468975	6.35535943	3.221830688	4.297167518
ENSMUSG00000065485	11.31922962	9.738641413	10.59226572	16.91461111	8.594335036
ENSMUSG00000065486	0	0	0	0	0
ENSMUSG00000065488	10.61177777	6.260555194	7.767661525	7.249119049	6.445751277
ENSMUSG00000065489	7.074518513	5.56493795	7.767661525	9.665492065	5.013362104
ENSMUSG00000065490	8.489422215	11.82549314	13.41686991	12.08186508	14.32389173
ENSMUSG00000065491	9.196874066	8.347406925	13.41686991	8.860034393	5.013362104
ENSMUSG00000065492	0.707451851	1.391234488	0	0	0.716194586

ENSMUSG00000065493	7.074518513	7.651789682	5.649208382	28.19101852	16.47247549
ENSMUSG00000065494	6.367066661	9.738641413	9.886114669	11.27640741	13.60769714
ENSMUSG00000065495	54.47379255	77.9091313	89.68118307	230.3608942	170.4543116
ENSMUSG00000065497	0	1.391234488	0.706151048	0	0.716194586
ENSMUSG00000065498	0.707451851	0.695617244	1.412302096	0.805457672	1.432389173
ENSMUSG00000065499	8.489422215	5.56493795	4.943057334	1.610915344	5.729556691
ENSMUSG00000065500	1.414903703	2.086851731	1.412302096	0	0.716194586
ENSMUSG00000065501	6.367066661	10.43425866	7.767661525	8.860034393	7.161945863
ENSMUSG00000065502	1.414903703	1.391234488	2.118453143	2.416373016	1.432389173
ENSMUSG00000065503	0	0	0	0	0
ENSMUSG00000065505	7.781970364	3.478086219	12.71071886	24.96918783	15.7562809
ENSMUSG00000065507	9.904325918	5.56493795	4.943057334	7.249119049	5.013362104
ENSMUSG00000065508	0	0	0	0	0
ENSMUSG00000065509	1.414903703	2.086851731	1.412302096	0	0
ENSMUSG00000065510	4.952162959	4.869320706	4.943057334	6.443661377	12.17530797
ENSMUSG00000065511	4.952162959	9.043024169	9.179963621	2.416373016	5.729556691
ENSMUSG00000065512	7.781970364	5.56493795	7.061510478	10.47094974	8.594335036
ENSMUSG00000065513	7.074518513	3.478086219	9.179963621	9.665492065	6.445751277
ENSMUSG00000065514	1.414903703	2.086851731	1.412302096	2.416373016	1.432389173
ENSMUSG00000065515	2.122355554	0.695617244	0.706151048	0	4.297167518
ENSMUSG00000065516	8.489422215	9.043024169	10.59226572	7.249119049	8.594335036
ENSMUSG00000065518	0.707451851	7.651789682	6.35535943	4.832746033	7.161945863
ENSMUSG00000065519	1.414903703	4.173703463	1.412302096	2.416373016	5.013362104
ENSMUSG00000065520	16.97884443	11.1298759	8.473812573	11.27640741	13.60769714
ENSMUSG00000065521	1.414903703	0.695617244	0	2.416373016	1.432389173
ENSMUSG00000065523	0.707451851	0.695617244	0	0.805457672	1.432389173
ENSMUSG00000065524	0	0	0	0	0
ENSMUSG00000065526	1.414903703	0	0.706151048	0	0
ENSMUSG00000065527	0	0	0	0	0
ENSMUSG00000065528	8.489422215	13.21672763	9.886114669	41.88379895	21.48583759
ENSMUSG00000065529	9.196874066	11.1298759	12.71071886	9.665492065	17.90486466
ENSMUSG00000065530	1.414903703	0.695617244	1.412302096	0.805457672	0
ENSMUSG00000065532	8.489422215	5.56493795	7.767661525	2.416373016	5.013362104
ENSMUSG00000065533	3.537259256	5.56493795	2.824604191	2.416373016	5.013362104
ENSMUSG00000065534	19.10119998	22.2597518	14.12302096	19.33098413	20.769643
ENSMUSG00000065536	0	0.695617244	2.118453143	0	0.716194586
ENSMUSG00000065537	1.414903703	0	1.412302096	0	0
ENSMUSG00000065538	12.02668147	4.869320706	6.35535943	3.221830688	12.17530797
ENSMUSG00000065539	7.781970364	6.956172438	4.943057334	4.02728836	7.87814045
ENSMUSG00000065540	4.952162959	7.651789682	7.061510478	7.249119049	8.594335036
ENSMUSG00000065541	0	0	0	0	0
ENSMUSG00000065542	2.122355554	0.695617244	0	0.805457672	1.432389173
ENSMUSG00000065543	8.489422215	15.99919661	16.2414741	6.443661377	11.45911338

ENSMUSG00000065544	11.31922962	16.69481385	12.71071886	13.69278043	7.161945863
ENSMUSG00000065546	8.489422215	6.956172438	6.35535943	7.249119049	6.445751277
ENSMUSG00000065547	12.02668147	17.39043109	20.47838039	15.30369577	20.05344842
ENSMUSG00000065548	0.707451851	0	0.706151048	0.805457672	0
ENSMUSG00000065549	1.414903703	0	0	0.805457672	0.716194586
ENSMUSG00000065551	2.829807405	11.82549314	9.179963621	4.832746033	7.161945863
ENSMUSG00000065552	0	0	0	0	0
ENSMUSG00000065553	23.34591109	43.82388636	29.65834401	43.49471429	40.82309142
ENSMUSG00000065555	0	0	0	0	0
ENSMUSG00000065556	7.781970364	11.1298759	5.649208382	15.30369577	11.45911338
ENSMUSG00000065557	2.122355554	2.086851731	0.706151048	0.805457672	0.716194586
ENSMUSG00000065559	0	0	0	0	0
ENSMUSG00000065560	71.45263698	107.1250555	99.56729774	98.265836	92.38910164
ENSMUSG00000065561	0	0	0	0	0
ENSMUSG00000065562	3.537259256	1.391234488	0.706151048	4.832746033	2.864778345
ENSMUSG00000065563	24.05336294	32.69401046	42.36906287	27.38556085	30.08017263
ENSMUSG00000065564	0.707451851	1.391234488	0	0.805457672	0.716194586
ENSMUSG00000065565	0.707451851	0	0.706151048	0	0
ENSMUSG00000065567	0	0	0	0	0
ENSMUSG00000065568	9.196874066	6.260555194	10.59226572	5.638203705	11.45911338
ENSMUSG00000065569	0.707451851	0	1.412302096	0.805457672	0
ENSMUSG00000065570	0	0	0	0	0
ENSMUSG00000065571	16.27139258	25.04222078	35.30755239	8.860034393	14.32389173
ENSMUSG00000065572	0.707451851	0.695617244	3.530755239	2.416373016	0.716194586
ENSMUSG00000065573	16.27139258	26.43345526	26.12758877	12.08186508	15.7562809
ENSMUSG00000065574	5.65961481	7.651789682	7.767661525	5.638203705	6.445751277
ENSMUSG00000065575	0.707451851	0	0	0	0
ENSMUSG00000065577	0	0	0	0	0
ENSMUSG00000065578	3.537259256	6.260555194	1.412302096	2.416373016	1.432389173
ENSMUSG00000065579	8.489422215	6.260555194	9.886114669	24.16373016	17.18867007
ENSMUSG00000065580	3.537259256	4.173703463	4.236906287	16.10915344	7.161945863
ENSMUSG00000065581	2.122355554	2.086851731	1.412302096	0	1.432389173
ENSMUSG00000065582	1.414903703	0	0	1.610915344	0.716194586
ENSMUSG00000065583	6.367066661	4.173703463	4.943057334	9.665492065	4.297167518
ENSMUSG00000065585	4.952162959	9.043024169	4.943057334	6.443661377	7.87814045
ENSMUSG00000065586	0	0	0	0	0
ENSMUSG00000065587	0	0	0	0	0
ENSMUSG00000065589	74.28244438	79.99598303	76.97046421	117.5968201	93.82149081
ENSMUSG00000065590	0	0	0	0	0
ENSMUSG00000065591	12.73413332	11.1298759	12.71071886	13.69278043	10.02672421
ENSMUSG00000065592	2.829807405	0	5.649208382	2.416373016	2.148583759
ENSMUSG00000065593	55.88869625	84.86530374	67.79050059	42.68925662	47.2688427
ENSMUSG00000065594	8.489422215	6.956172438	9.886114669	8.860034393	8.594335036

ENSMUSG00000065596	6.367066661	5.56493795	8.473812573	7.249119049	4.297167518
ENSMUSG00000065597	0	0	0	0	0
ENSMUSG00000065599	0.707451851	0.695617244	0	0.805457672	0.716194586
ENSMUSG00000065600	5.65961481	2.782468975	2.824604191	4.02728836	6.445751277
ENSMUSG00000065601	14.14903703	21.56413456	17.65377619	99.07129367	66.60609653
ENSMUSG00000065602	3.537259256	1.391234488	2.118453143	8.054576721	2.864778345
ENSMUSG00000065603	10.61177777	6.956172438	9.179963621	0.805457672	5.013362104
ENSMUSG00000065604	0	0	0	0	0
ENSMUSG00000065606	5.65961481	10.43425866	3.530755239	8.860034393	5.729556691
ENSMUSG00000065607	9.196874066	7.651789682	8.473812573	7.249119049	5.013362104
ENSMUSG00000065608	3.537259256	0.695617244	1.412302096	0.805457672	2.148583759
ENSMUSG00000065609	7.781970364	10.43425866	5.649208382	3.221830688	3.580972932
ENSMUSG00000065610	0.707451851	2.086851731	1.412302096	1.610915344	1.432389173
ENSMUSG00000065611	0.707451851	0.695617244	0	1.610915344	2.148583759
ENSMUSG00000065612	5.65961481	6.956172438	7.767661525	7.249119049	8.594335036
ENSMUSG00000065613	0	0	0	0	0
ENSMUSG00000065616	7.074518513	5.56493795	5.649208382	6.443661377	4.297167518
ENSMUSG00000065617	0	0	0	0	0
ENSMUSG00000065619	0	1.391234488	0	0	0
ENSMUSG00000065620	13.44158517	6.260555194	6.35535943	6.443661377	9.310529622
ENSMUSG00000065622	4.244711108	3.478086219	2.824604191	3.221830688	3.580972932
ENSMUSG00000065623	22.63845924	39.6501829	33.18909925	40.2728836	38.67450766
ENSMUSG00000065625	3.537259256	3.478086219	6.35535943	4.02728836	7.87814045
ENSMUSG00000065627	7.074518513	4.173703463	11.29841676	6.443661377	6.445751277
ENSMUSG00000065628	0	0	0	0	0
ENSMUSG00000065629	7.781970364	9.043024169	9.179963621	8.860034393	7.87814045
ENSMUSG00000065630	9.904325918	9.043024169	7.061510478	4.832746033	2.864778345
ENSMUSG00000065634	12.73413332	27.12907251	16.94762515	16.10915344	17.90486466
ENSMUSG00000065635	0	0	0	0.805457672	0
ENSMUSG00000065636	12.73413332	7.651789682	11.29841676	7.249119049	6.445751277
ENSMUSG00000065637	40.32475552	60.51870021	51.54902649	115.9859048	92.38910164
ENSMUSG00000065640	0	0	0	0	0
ENSMUSG00000065642	4.952162959	9.043024169	14.829172	52.35474869	40.82309142
ENSMUSG00000065643	3.537259256	6.956172438	6.35535943	4.02728836	5.729556691
ENSMUSG00000065644	10.61177777	13.91234488	7.767661525	2.416373016	9.310529622
ENSMUSG00000065645	4.952162959	5.56493795	6.35535943	7.249119049	8.594335036
ENSMUSG00000065647	14.14903703	23.65098629	16.2414741	16.10915344	16.47247549
ENSMUSG00000065648	1.414903703	3.478086219	0.706151048	4.832746033	1.432389173
ENSMUSG00000065649	10.61177777	21.56413456	19.77222934	113.5695318	80.21379367
ENSMUSG00000065651	91.26128881	113.3856107	112.2780166	95.04400531	95.25387998
ENSMUSG00000065653	12.02668147	6.956172438	9.179963621	4.02728836	2.864778345
ENSMUSG00000065656	7.781970364	6.956172438	9.886114669	7.249119049	7.161945863
ENSMUSG00000065657	208.6982961	282.420601	246.4467157	187.6716376	184.0620087

ENSMUSG00000065658	24.05336294	46.60635533	33.18909925	39.46742593	42.97167518
ENSMUSG00000065659	10.61177777	11.82549314	10.59226572	6.443661377	10.02672421
ENSMUSG00000065660	9.904325918	10.43425866	9.179963621	4.832746033	7.161945863
ENSMUSG00000065661	6.367066661	3.478086219	7.061510478	2.416373016	7.161945863
ENSMUSG00000065662	9.196874066	19.47728283	16.2414741	18.52552646	25.78300511
ENSMUSG00000065663	0.707451851	2.782468975	0.706151048	1.610915344	0.716194586
ENSMUSG00000065664	29.0055259	84.86530374	62.1412922	33.02376456	38.67450766
ENSMUSG00000065665	8.489422215	6.260555194	12.71071886	4.02728836	7.161945863
ENSMUSG00000065667	5.65961481	6.260555194	7.061510478	3.221830688	5.013362104
ENSMUSG00000065669	19.80865184	33.3896277	23.30298458	39.46742593	45.83645353
ENSMUSG00000065673	9.196874066	8.347406925	7.767661525	6.443661377	2.864778345
ENSMUSG00000065674	8.489422215	9.738641413	6.35535943	6.443661377	9.310529622
ENSMUSG00000065675	3.537259256	8.347406925	9.179963621	4.832746033	11.45911338
ENSMUSG00000065676	0	0	0	0	0
ENSMUSG00000065678	11.31922962	12.52111039	12.71071886	11.27640741	14.32389173
ENSMUSG00000065680	0	0	0	0	0
ENSMUSG00000065683	120.2668147	155.8182626	138.4056054	438.1689736	310.1122559
ENSMUSG00000065684	13.44158517	11.1298759	9.179963621	8.054576721	8.594335036
ENSMUSG00000065685	14.14903703	6.260555194	6.35535943	6.443661377	5.729556691
ENSMUSG00000065686	6.367066661	9.043024169	16.2414741	31.41284921	14.32389173
ENSMUSG00000065687	11.31922962	6.956172438	7.767661525	10.47094974	9.310529622
ENSMUSG00000065689	9.196874066	4.869320706	1.412302096	0	2.864778345
ENSMUSG00000065691	16.97884443	22.95536904	18.35992724	24.96918783	20.769643
ENSMUSG00000065692	8.489422215	5.56493795	7.061510478	6.443661377	8.594335036
ENSMUSG00000065694	7.781970364	5.56493795	9.886114669	6.443661377	3.580972932
ENSMUSG00000065698	12.02668147	5.56493795	6.35535943	8.054576721	7.161945863
ENSMUSG00000065700	6.367066661	5.56493795	9.179963621	1.610915344	7.161945863
ENSMUSG00000065701	3.537259256	4.869320706	5.649208382	4.02728836	1.432389173
ENSMUSG00000065702	10.61177777	7.651789682	7.767661525	6.443661377	5.013362104
ENSMUSG00000065705	12.73413332	8.347406925	4.943057334	4.02728836	5.013362104
ENSMUSG00000065706	8.489422215	7.651789682	7.767661525	8.054576721	8.594335036
ENSMUSG00000065708	9.904325918	7.651789682	9.886114669	3.221830688	4.297167518
ENSMUSG00000065709	9.904325918	6.260555194	7.767661525	5.638203705	9.310529622
ENSMUSG00000065714	9.196874066	9.043024169	6.35535943	7.249119049	6.445751277
ENSMUSG00000065715	21.22355554	27.12907251	31.0706461	117.5968201	77.34901533
ENSMUSG00000065716	4.244711108	4.173703463	2.824604191	4.02728836	2.148583759
ENSMUSG00000065718	16.27139258	6.956172438	9.179963621	4.832746033	5.729556691
ENSMUSG00000065719	4.952162959	3.478086219	2.824604191	2.416373016	3.580972932
ENSMUSG00000065721	4.244711108	4.869320706	10.59226572	9.665492065	4.297167518
ENSMUSG00000065722	6.367066661	11.82549314	9.179963621	6.443661377	7.87814045
ENSMUSG00000065725	23.34591109	18.78166558	15.53532305	35.44013757	22.20203218
ENSMUSG00000065726	7.781970364	9.043024169	8.473812573	8.860034393	5.729556691
ENSMUSG00000065727	6.367066661	9.043024169	12.71071886	4.02728836	5.013362104

ENSMUSG00000065728	19.80865184	50.08444155	48.7244223	38.66196826	39.39070225
ENSMUSG00000065729	8.489422215	7.651789682	6.35535943	8.054576721	12.17530797
ENSMUSG00000065732	8.489422215	13.91234488	9.886114669	5.638203705	15.04008631
ENSMUSG00000065733	3.537259256	6.260555194	3.530755239	2.416373016	1.432389173
ENSMUSG00000065734	0	0	0	0	0
ENSMUSG00000065735	0	0	0	0	0
ENSMUSG00000065737	7.781970364	6.956172438	7.061510478	4.832746033	6.445751277
ENSMUSG00000065738	0	0	0	0	0
ENSMUSG00000065739	4.244711108	3.478086219	4.236906287	0.805457672	2.148583759
ENSMUSG00000065742	7.781970364	3.478086219	9.886114669	5.638203705	6.445751277
ENSMUSG00000065743	7.074518513	11.1298759	9.886114669	6.443661377	8.594335036
ENSMUSG00000065745	7.074518513	4.869320706	7.767661525	2.416373016	7.161945863
ENSMUSG00000065746	7.074518513	8.347406925	6.35535943	8.054576721	7.161945863
ENSMUSG00000065747	2.829807405	3.478086219	2.824604191	7.249119049	4.297167518
ENSMUSG00000065749	2.122355554	1.391234488	3.530755239	0.805457672	1.432389173
ENSMUSG00000065750	162.7139258	204.5114697	206.902257	161.0915344	146.8198902
ENSMUSG00000065751	8.489422215	9.043024169	10.59226572	3.221830688	7.87814045
ENSMUSG00000065752	0	0	0	0	0
ENSMUSG00000065757	12.02668147	6.956172438	9.179963621	3.221830688	6.445751277
ENSMUSG00000065758	4.244711108	4.173703463	3.530755239	3.221830688	2.148583759
ENSMUSG00000065760	10.61177777	3.478086219	5.649208382	4.02728836	5.729556691
ENSMUSG00000065763	5.65961481	6.260555194	2.824604191	5.638203705	7.161945863
ENSMUSG00000065764	12.02668147	13.21672763	19.77222934	16.10915344	8.594335036
ENSMUSG00000065765	21.22355554	42.43265187	35.30755239	93.43308996	75.20043157
ENSMUSG00000065767	2.122355554	2.086851731	2.824604191	0	0.716194586
ENSMUSG00000065768	7.781970364	9.043024169	10.59226572	8.054576721	7.161945863
ENSMUSG00000065769	8.489422215	6.260555194	6.35535943	3.221830688	6.445751277
ENSMUSG00000065770	12.02668147	6.260555194	7.767661525	8.860034393	4.297167518
ENSMUSG00000065771	6.367066661	6.956172438	7.061510478	58.79841006	47.98503729
ENSMUSG00000065773	6.367066661	6.956172438	6.35535943	6.443661377	2.864778345
ENSMUSG00000065778	10.61177777	6.260555194	12.00456781	22.55281482	16.47247549
ENSMUSG00000065782	0	0	0	0	0
ENSMUSG00000065787	7.781970364	4.173703463	8.473812573	1.610915344	2.864778345
ENSMUSG00000065788	9.904325918	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000065789	11.31922962	11.1298759	7.061510478	4.02728836	8.594335036
ENSMUSG00000065791	8.489422215	7.651789682	9.886114669	5.638203705	8.594335036
ENSMUSG00000065792	9.904325918	8.347406925	10.59226572	4.832746033	11.45911338
ENSMUSG00000065794	14.85648888	11.1298759	8.473812573	4.832746033	2.864778345
ENSMUSG00000065795	10.61177777	5.56493795	7.061510478	6.443661377	6.445751277
ENSMUSG00000065797	7.074518513	12.52111039	9.179963621	7.249119049	9.310529622
ENSMUSG00000065798	8.489422215	13.21672763	7.061510478	13.69278043	7.87814045
ENSMUSG00000065799	29.0055259	45.91073809	49.43057334	62.82569842	52.2822048
ENSMUSG00000065800	89.84638511	134.9497453	127.8133396	107.9313281	103.848215

ENSMUSG00000065802	7.781970364	8.347406925	7.767661525	3.221830688	8.594335036
ENSMUSG00000065803	5.65961481	4.173703463	4.236906287	1.610915344	9.310529622
ENSMUSG00000065804	7.781970364	13.21672763	11.29841676	6.443661377	7.161945863
ENSMUSG00000065806	7.781970364	11.82549314	10.59226572	2.416373016	10.02672421
ENSMUSG00000065807	11.31922962	6.956172438	7.767661525	0.805457672	5.729556691
ENSMUSG00000065808	29.0055259	52.86691053	35.30755239	20.1364418	42.25548059
ENSMUSG00000065811	2.829807405	11.82549314	2.824604191	7.249119049	5.013362104
ENSMUSG00000065812	6.367066661	5.56493795	5.649208382	4.832746033	1.432389173
ENSMUSG00000065813	4.244711108	5.56493795	3.530755239	4.02728836	6.445751277
ENSMUSG00000065815	5.65961481	8.347406925	6.35535943	4.832746033	9.310529622
ENSMUSG00000065817	44.56946663	74.43104508	79.7950684	116.7913625	108.8615771
ENSMUSG00000065818	0	0	0	0	0
ENSMUSG00000065819	3.537259256	7.651789682	12.71071886	4.02728836	7.87814045
ENSMUSG00000065820	5.65961481	7.651789682	10.59226572	8.054576721	8.594335036
ENSMUSG00000065822	0	0	0	0	0
ENSMUSG00000065823	13.44158517	3.478086219	7.767661525	4.02728836	5.013362104
ENSMUSG00000065824	14.14903703	12.52111039	3.530755239	6.443661377	7.161945863
ENSMUSG00000065825	4.244711108	2.782468975	5.649208382	6.443661377	1.432389173
ENSMUSG00000065828	9.196874066	5.56493795	9.179963621	3.221830688	3.580972932
ENSMUSG00000065836	10.61177777	5.56493795	14.829172	8.054576721	7.161945863
ENSMUSG00000065837	11.31922962	6.956172438	4.236906287	4.02728836	5.013362104
ENSMUSG00000065840	0	0	0	0	0
ENSMUSG00000065843	7.781970364	8.347406925	5.649208382	4.832746033	3.580972932
ENSMUSG00000065845	2.122355554	2.086851731	0	4.02728836	2.864778345
ENSMUSG00000065847	9.196874066	7.651789682	6.35535943	4.02728836	4.297167518
ENSMUSG00000065851	21.93100739	27.82468975	25.42143772	25.77464551	22.91822676
ENSMUSG00000065852	133.000948	189.9035076	177.950064	234.3881826	227.7498785
ENSMUSG00000065853	18.39374813	15.30357936	12.00456781	14.4982381	9.310529622
ENSMUSG00000065858	6.367066661	6.956172438	6.35535943	4.832746033	4.297167518
ENSMUSG00000065859	0	0	0	0.805457672	0
ENSMUSG00000065862	0	0	0	0	0
ENSMUSG00000065864	64.37811846	125.2111039	113.6903187	89.4058016	65.88990194
ENSMUSG00000065865	8.489422215	9.043024169	7.061510478	4.832746033	2.864778345
ENSMUSG00000065866	8.489422215	7.651789682	6.35535943	7.249119049	8.594335036
ENSMUSG00000065869	9.904325918	22.2597518	25.42143772	12.88732275	16.47247549
ENSMUSG00000065870	17.68629628	15.30357936	16.2414741	21.74735715	15.7562809
ENSMUSG00000065872	7.781970364	8.347406925	7.061510478	5.638203705	7.87814045
ENSMUSG00000065873	87.72402956	122.4286349	100.2734488	45.91108731	55.14698315
ENSMUSG00000065874	20.51610369	31.99839321	24.00913562	24.16373016	19.33725383
ENSMUSG00000065875	12.73413332	5.56493795	4.236906287	1.610915344	8.594335036
ENSMUSG00000065876	14.14903703	10.43425866	11.29841676	7.249119049	7.161945863
ENSMUSG00000065878	0	0	0	0	0
ENSMUSG00000065881	7.781970364	6.260555194	7.061510478	12.08186508	5.729556691

ENSMUSG00000065882	7.781970364	4.869320706	7.767661525	5.638203705	9.310529622
ENSMUSG00000065883	9.196874066	9.738641413	11.29841676	6.443661377	8.594335036
ENSMUSG00000065884	4.952162959	6.956172438	4.236906287	1.610915344	5.013362104
ENSMUSG00000065887	7.781970364	9.738641413	2.824604191	7.249119049	4.297167518
ENSMUSG00000065889	9.904325918	8.347406925	5.649208382	4.832746033	3.580972932
ENSMUSG00000065892	4.952162959	9.738641413	9.179963621	5.638203705	5.013362104
ENSMUSG00000065893	8.489422215	8.347406925	5.649208382	6.443661377	4.297167518
ENSMUSG00000065894	8.489422215	15.99919661	9.179963621	4.02728836	7.87814045
ENSMUSG00000065898	4.952162959	2.086851731	4.943057334	1.610915344	5.013362104
ENSMUSG00000065899	21.22355554	38.25894841	28.24604191	117.5968201	83.7947666
ENSMUSG00000065903	6.367066661	4.173703463	3.530755239	3.221830688	1.432389173
ENSMUSG00000065904	12.02668147	13.91234488	12.00456781	31.41284921	31.5125618
ENSMUSG00000065905	10.61177777	4.869320706	7.767661525	6.443661377	9.310529622
ENSMUSG00000065906	7.781970364	7.651789682	7.767661525	9.665492065	5.729556691
ENSMUSG00000065907	4.244711108	4.869320706	4.943057334	2.416373016	3.580972932
ENSMUSG00000065911	13.44158517	10.43425866	7.767661525	4.832746033	10.02672421
ENSMUSG00000065913	0	0	0	0	0
ENSMUSG00000065915	289.3478072	283.8118355	246.4467157	345.5413413	269.2891645
ENSMUSG00000065916	13.44158517	6.260555194	6.35535943	4.832746033	7.161945863
ENSMUSG00000065919	7.074518513	13.21672763	12.00456781	8.860034393	6.445751277
ENSMUSG00000065922	19.10119998	18.08604834	9.886114669	10.47094974	11.45911338
ENSMUSG00000065924	12.02668147	6.956172438	7.061510478	4.832746033	5.729556691
ENSMUSG00000065926	10.61177777	4.173703463	4.236906287	9.665492065	10.7429188
ENSMUSG00000065934	11.31922962	3.478086219	11.29841676	9.665492065	5.013362104
ENSMUSG00000065935	3.537259256	4.869320706	2.118453143	4.02728836	2.148583759
ENSMUSG00000065936	259.6348294	260.8564664	239.3852052	274.6610662	182.6296195
ENSMUSG00000065937	6.367066661	5.56493795	7.767661525	5.638203705	5.729556691
ENSMUSG00000065939	54.47379255	98.08203137	74.85201106	109.5422434	93.10529622
ENSMUSG00000065940	7.074518513	4.173703463	6.35535943	3.221830688	7.161945863
ENSMUSG00000065943	7.781970364	4.173703463	2.824604191	2.416373016	4.297167518
ENSMUSG00000065944	7.074518513	11.82549314	6.35535943	6.443661377	3.580972932
ENSMUSG00000065945	10.61177777	8.347406925	11.29841676	3.221830688	7.161945863
ENSMUSG00000065947	0	0	0	0	0
ENSMUSG00000065950	8.489422215	6.260555194	13.41686991	7.249119049	6.445751277
ENSMUSG00000066057	31.83533331	42.43265187	37.42600553	66.85298678	60.87653984
ENSMUSG00000066060	9.904325918	6.956172438	7.061510478	7.249119049	7.161945863
ENSMUSG00000066068	13.44158517	7.651789682	10.59226572	11.27640741	7.87814045
ENSMUSG00000066101	7.074518513	2.086851731	3.530755239	7.249119049	7.87814045
ENSMUSG00000066107	9.196874066	7.651789682	7.767661525	8.054576721	4.297167518
ENSMUSG00000066116	5.65961481	9.738641413	7.061510478	7.249119049	6.445751277
ENSMUSG00000066158	6.367066661	6.260555194	6.35535943	6.443661377	7.87814045
ENSMUSG00000066170	16.27139258	21.56413456	14.829172	8.860034393	15.04008631
ENSMUSG00000066175	34.66514071	47.99758982	41.66291182	70.07481747	52.2822048



ENSMUSG00000066176	6.367066661	7.651789682	8.473812573	8.054576721	7.161945863
ENSMUSG00000066180	19.10119998	15.99919661	19.06607829	9.665492065	16.47247549
ENSMUSG00000066197	9.196874066	6.956172438	9.886114669	5.638203705	11.45911338
ENSMUSG00000066232	133.000948	187.1210386	144.7609648	328.6267302	249.9519106
ENSMUSG00000066239	7.074518513	4.869320706	12.71071886	4.832746033	5.729556691
ENSMUSG00000066241	7.781970364	6.260555194	7.767661525	7.249119049	4.297167518
ENSMUSG00000066242	6.367066661	7.651789682	9.179963621	6.443661377	6.445751277
ENSMUSG00000066245	14.85648888	10.43425866	13.41686991	8.860034393	10.7429188
ENSMUSG00000066262	9.904325918	7.651789682	6.35535943	2.416373016	9.310529622
ENSMUSG00000066263	9.196874066	6.956172438	12.00456781	7.249119049	10.7429188
ENSMUSG00000066268	8.489422215	9.043024169	9.179963621	2.416373016	4.297167518
ENSMUSG00000066269	8.489422215	9.043024169	9.886114669	2.416373016	8.594335036
ENSMUSG00000066270	12.73413332	8.347406925	8.473812573	7.249119049	14.32389173
ENSMUSG00000066273	7.781970364	6.260555194	4.943057334	4.832746033	6.445751277
ENSMUSG00000066315	24.76081479	18.08604834	24.71528667	30.60739154	22.20203218
ENSMUSG00000066319	11.31922962	5.56493795	14.12302096	6.443661377	4.297167518
ENSMUSG00000066362	13.44158517	7.651789682	9.886114669	10.47094974	12.89150255
ENSMUSG00000066372	13.44158517	8.347406925	4.943057334	6.443661377	9.310529622
ENSMUSG00000066378	6.367066661	9.738641413	9.886114669	8.860034393	9.310529622
ENSMUSG00000066389	5.65961481	6.260555194	4.236906287	5.638203705	9.310529622
ENSMUSG00000066443	7.074518513	9.738641413	11.29841676	6.443661377	5.013362104
ENSMUSG00000066457	8.489422215	10.43425866	8.473812573	4.832746033	11.45911338
ENSMUSG00000066475	21.93100739	16.69481385	18.35992724	25.77464551	20.05344842
ENSMUSG00000066477	1.414903703	0.695617244	2.118453143	1.610915344	0.716194586
ENSMUSG00000066478	6.367066661	4.173703463	8.473812573	8.860034393	5.013362104
ENSMUSG00000066487	9.196874066	17.39043109	13.41686991	15.30369577	10.7429188
ENSMUSG00000066489	9.904325918	6.956172438	10.59226572	1.610915344	8.594335036
ENSMUSG00000066491	10.61177777	7.651789682	11.29841676	5.638203705	3.580972932
ENSMUSG00000066500	9.904325918	6.956172438	4.943057334	12.88732275	7.87814045
ENSMUSG00000066510	10.61177777	7.651789682	6.35535943	2.416373016	7.161945863
ENSMUSG00000066537	6.367066661	9.738641413	7.767661525	3.221830688	10.7429188
ENSMUSG00000066538	237.703822	243.4660353	217.4945227	310.9066614	211.9935976
ENSMUSG00000066543	10.61177777	4.869320706	4.943057334	7.249119049	9.310529622
ENSMUSG00000066553	9.196874066	9.738641413	9.179963621	12.88732275	12.17530797
ENSMUSG00000066554	12.02668147	6.260555194	7.767661525	11.27640741	9.310529622
ENSMUSG00000066592	8.489422215	6.260555194	9.179963621	13.69278043	10.02672421
ENSMUSG00000066620	2.122355554	7.651789682	4.236906287	2.416373016	2.148583759
ENSMUSG00000066626	7.781970364	6.260555194	7.061510478	14.4982381	12.89150255
ENSMUSG00000066671	7.781970364	4.869320706	4.943057334	7.249119049	7.161945863
ENSMUSG00000066672	6.367066661	9.043024169	4.236906287	2.416373016	9.310529622
ENSMUSG00000066680	8.489422215	6.956172438	9.886114669	4.02728836	6.445751277
ENSMUSG00000066688	4.244711108	6.260555194	5.649208382	2.416373016	8.594335036
ENSMUSG00000066693	7.074518513	9.043024169	6.35535943	12.08186508	8.594335036

ENSMUSG00000066697	8.489422215	5.56493795	6.35535943	4.02728836	5.013362104
ENSMUSG00000066714	6.367066661	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG00000066723	9.196874066	7.651789682	4.236906287	5.638203705	6.445751277
ENSMUSG00000066749	12.73413332	4.869320706	8.473812573	8.860034393	9.310529622
ENSMUSG00000066752	6.367066661	4.173703463	7.767661525	3.221830688	3.580972932
ENSMUSG00000066767	12.73413332	7.651789682	5.649208382	5.638203705	6.445751277
ENSMUSG00000066771	9.196874066	6.260555194	6.35535943	10.47094974	8.594335036
ENSMUSG00000066803	11.31922962	8.347406925	7.061510478	5.638203705	5.729556691
ENSMUSG00000066807	12.02668147	9.043024169	9.886114669	8.054576721	5.013362104
ENSMUSG00000066809	9.904325918	6.956172438	7.767661525	10.47094974	9.310529622
ENSMUSG00000066810	7.781970364	3.478086219	12.71071886	3.221830688	3.580972932
ENSMUSG00000066820	11.31922962	7.651789682	7.061510478	5.638203705	6.445751277
ENSMUSG00000066842	4.952162959	3.478086219	7.061510478	7.249119049	4.297167518
ENSMUSG00000066899	9.196874066	8.347406925	3.530755239	6.443661377	5.013362104
ENSMUSG00000066902	5.65961481	8.347406925	8.473812573	12.08186508	10.7429188
ENSMUSG00000066912	11.31922962	6.956172438	9.179963621	6.443661377	5.013362104
ENSMUSG00000066914	8.489422215	6.260555194	4.943057334	5.638203705	7.161945863
ENSMUSG00000066938	6.367066661	8.347406925	8.473812573	4.02728836	6.445751277
ENSMUSG00000066952	6.367066661	7.651789682	3.530755239	4.832746033	5.013362104
ENSMUSG00000066958	10.61177777	6.956172438	9.886114669	5.638203705	7.87814045
ENSMUSG00000066983	9.196874066	12.52111039	6.35535943	11.27640741	5.013362104
ENSMUSG00000066990	8.489422215	6.260555194	4.943057334	2.416373016	4.297167518
ENSMUSG00000067017	12.02668147	13.21672763	12.00456781	11.27640741	10.7429188
ENSMUSG00000067028	14.85648888	7.651789682	7.767661525	8.054576721	5.729556691
ENSMUSG00000067047	5.65961481	9.043024169	7.767661525	5.638203705	6.445751277
ENSMUSG00000067058	74.98989623	100.1688831	116.5149229	70.07481747	85.22715578
ENSMUSG00000067063	8.489422215	6.260555194	7.767661525	6.443661377	10.02672421
ENSMUSG00000067064	7.781970364	7.651789682	7.767661525	9.665492065	7.87814045
ENSMUSG00000067085	10.61177777	12.52111039	15.53532305	6.443661377	10.7429188
ENSMUSG00000067101	11.31922962	4.173703463	5.649208382	6.443661377	5.013362104
ENSMUSG00000067103	6.367066661	5.56493795	4.236906287	4.02728836	9.310529622
ENSMUSG00000067106	7.781970364	11.82549314	13.41686991	6.443661377	9.310529622
ENSMUSG00000067121	10.61177777	4.869320706	9.179963621	8.054576721	9.310529622
ENSMUSG00000067122	7.781970364	6.260555194	5.649208382	9.665492065	12.89150255
ENSMUSG00000067147	8.489422215	7.651789682	7.061510478	12.88732275	5.729556691
ENSMUSG00000067156	9.904325918	6.956172438	4.236906287	4.02728836	7.87814045
ENSMUSG00000067161	12.02668147	8.347406925	5.649208382	8.860034393	9.310529622
ENSMUSG00000067186	10.61177777	13.21672763	9.886114669	7.249119049	7.87814045
ENSMUSG00000067189	9.904325918	4.869320706	12.00456781	8.860034393	5.729556691
ENSMUSG00000067199	24.05336294	48.69320706	63.5535943	37.85651059	40.82309142
ENSMUSG00000067203	29.0055259	62.60555194	50.13672439	53.16020636	54.43078856
ENSMUSG00000067224	12.73413332	9.738641413	9.886114669	6.443661377	7.161945863
ENSMUSG00000067225	8.489422215	9.738641413	10.59226572	5.638203705	6.445751277

ENSMUSG00000067262	3.537259256	4.869320706	6.35535943	1.610915344	2.864778345
ENSMUSG00000067285	8.489422215	8.347406925	6.35535943	8.054576721	6.445751277
ENSMUSG00000067292	10.61177777	4.869320706	7.767661525	4.02728836	10.02672421
ENSMUSG00000067321	11.31922962	4.869320706	10.59226572	6.443661377	2.864778345
ENSMUSG00000067331	12.73413332	6.956172438	3.530755239	6.443661377	7.87814045
ENSMUSG00000067344	6.367066661	11.1298759	7.061510478	7.249119049	10.7429188
ENSMUSG00000067351	9.904325918	8.347406925	5.649208382	8.860034393	12.17530797
ENSMUSG00000067352	9.196874066	7.651789682	12.00456781	8.860034393	7.87814045
ENSMUSG00000067389	7.074518513	4.173703463	6.35535943	6.443661377	7.87814045
ENSMUSG00000067441	5.65961481	4.173703463	2.824604191	3.221830688	1.432389173
ENSMUSG00000067482	13.44158517	4.869320706	8.473812573	7.249119049	5.013362104
ENSMUSG00000067513	9.196874066	8.347406925	6.35535943	4.832746033	7.161945863
ENSMUSG00000067519	12.02668147	6.260555194	6.35535943	4.832746033	5.013362104
ENSMUSG00000067520	5.65961481	9.043024169	7.061510478	4.832746033	5.729556691
ENSMUSG00000067524	9.196874066	9.043024169	14.12302096	4.02728836	8.594335036
ENSMUSG00000067526	12.73413332	7.651789682	4.236906287	8.054576721	6.445751277
ENSMUSG00000067528	7.781970364	7.651789682	7.767661525	5.638203705	9.310529622
ENSMUSG00000067529	7.781970364	13.21672763	7.767661525	9.665492065	10.7429188
ENSMUSG00000067547	14.14903703	6.956172438	13.41686991	11.27640741	6.445751277
ENSMUSG00000067555	6.367066661	7.651789682	7.767661525	7.249119049	8.594335036
ENSMUSG00000067575	6.367066661	6.260555194	7.767661525	6.443661377	9.310529622
ENSMUSG00000067627	9.196874066	4.869320706	7.061510478	2.416373016	5.729556691
ENSMUSG00000067629	5.65961481	6.260555194	11.29841676	8.054576721	5.013362104
ENSMUSG00000067716	5.65961481	7.651789682	12.71071886	6.443661377	5.729556691
ENSMUSG00000067736	0	0	0	0	0
ENSMUSG00000067745	6.367066661	10.43425866	9.886114669	5.638203705	8.594335036
ENSMUSG00000067798	6.367066661	4.869320706	4.236906287	2.416373016	10.02672421
ENSMUSG00000067835	5.65961481	2.086851731	6.35535943	2.416373016	4.297167518
ENSMUSG00000067869	9.904325918	6.956172438	13.41686991	8.860034393	8.594335036
ENSMUSG00000067870	13.44158517	11.1298759	11.29841676	10.47094974	8.594335036
ENSMUSG00000067929	3.537259256	6.260555194	2.118453143	1.610915344	2.864778345
ENSMUSG00000067941	10.61177777	8.347406925	7.061510478	4.02728836	9.310529622
ENSMUSG00000067949	0	0	0	0	0
ENSMUSG00000067951	0	0	0	0	0
ENSMUSG00000067971	7.074518513	3.478086219	2.118453143	3.221830688	3.580972932
ENSMUSG00000068014	6.367066661	5.56493795	3.530755239	6.443661377	3.580972932
ENSMUSG00000068062	8.489422215	5.56493795	4.236906287	7.249119049	7.87814045
ENSMUSG00000068068	7.074518513	6.260555194	9.886114669	3.221830688	6.445751277
ENSMUSG00000068120	14.14903703	15.30357936	16.2414741	11.27640741	8.594335036
ENSMUSG00000068141	10.61177777	6.956172438	9.886114669	12.08186508	10.02672421
ENSMUSG00000068151	9.904325918	4.173703463	5.649208382	6.443661377	6.445751277
ENSMUSG00000068165	9.196874066	9.738641413	6.35535943	9.665492065	11.45911338
ENSMUSG00000068180	10.61177777	5.56493795	7.061510478	7.249119049	5.013362104

ENSMUSG00000068181	9.196874066	4.869320706	4.236906287	4.832746033	7.161945863
ENSMUSG00000068182	11.31922962	5.56493795	6.35535943	4.832746033	11.45911338
ENSMUSG00000068200	5.65961481	6.260555194	9.886114669	11.27640741	6.445751277
ENSMUSG00000068226	5.65961481	7.651789682	8.473812573	4.02728836	12.89150255
ENSMUSG00000068231	11.31922962	11.1298759	11.29841676	2.416373016	5.729556691
ENSMUSG00000068243	4.952162959	6.260555194	7.061510478	5.638203705	10.7429188
ENSMUSG00000068259	10.61177777	6.260555194	9.886114669	4.832746033	7.87814045
ENSMUSG00000068262	11.31922962	13.91234488	7.061510478	17.72006879	15.7562809
ENSMUSG00000068303	4.244711108	4.869320706	3.530755239	7.249119049	4.297167518
ENSMUSG00000068324	9.196874066	6.956172438	7.767661525	8.860034393	9.310529622
ENSMUSG00000068348	6.367066661	6.956172438	6.35535943	8.054576721	12.89150255
ENSMUSG00000068396	7.781970364	6.956172438	5.649208382	5.638203705	8.594335036
ENSMUSG00000068397	9.904325918	11.82549314	9.179963621	9.665492065	7.87814045
ENSMUSG00000068452	6.367066661	4.173703463	6.35535943	7.249119049	7.161945863
ENSMUSG00000068463	8.489422215	4.869320706	7.767661525	6.443661377	9.310529622
ENSMUSG00000068466	14.14903703	9.043024169	11.29841676	14.4982381	10.02672421
ENSMUSG00000068480	18.39374813	14.60796212	14.12302096	15.30369577	17.90486466
ENSMUSG00000068487	9.196874066	9.738641413	7.767661525	5.638203705	4.297167518
ENSMUSG00000068535	12.73413332	8.347406925	9.886114669	3.221830688	7.161945863
ENSMUSG00000068537	9.196874066	7.651789682	6.35535943	5.638203705	8.594335036
ENSMUSG00000068574	14.14903703	4.173703463	5.649208382	6.443661377	7.161945863
ENSMUSG00000068579	16.97884443	13.91234488	13.41686991	11.27640741	15.7562809
ENSMUSG00000068604	18.39374813	9.738641413	9.179963621	11.27640741	9.310529622
ENSMUSG00000068629	9.196874066	5.56493795	6.35535943	4.832746033	6.445751277
ENSMUSG00000068631	10.61177777	11.82549314	13.41686991	4.832746033	7.161945863
ENSMUSG00000068638	4.952162959	13.21672763	8.473812573	9.665492065	9.310529622
ENSMUSG00000068646	10.61177777	8.347406925	8.473812573	3.221830688	5.729556691
ENSMUSG00000068647	12.02668147	6.956172438	7.767661525	1.610915344	4.297167518
ENSMUSG00000068674	7.074518513	6.956172438	6.35535943	8.860034393	12.89150255
ENSMUSG00000068680	7.781970364	7.651789682	9.179963621	8.054576721	4.297167518
ENSMUSG00000068689	9.196874066	8.347406925	8.473812573	4.832746033	7.87814045
ENSMUSG00000068776	4.244711108	2.782468975	4.943057334	1.610915344	5.729556691
ENSMUSG00000068806	10.61177777	13.21672763	8.473812573	6.443661377	7.161945863
ENSMUSG00000068808	4.952162959	8.347406925	7.767661525	6.443661377	4.297167518
ENSMUSG00000068809	12.73413332	6.260555194	9.886114669	5.638203705	6.445751277
ENSMUSG00000068810	4.952162959	5.56493795	4.236906287	3.221830688	7.161945863
ENSMUSG00000068814	9.904325918	8.347406925	4.236906287	4.02728836	4.297167518
ENSMUSG00000068815	10.61177777	9.043024169	5.649208382	2.416373016	5.729556691
ENSMUSG00000068816	11.31922962	9.043024169	4.943057334	3.221830688	5.013362104
ENSMUSG00000068817	9.196874066	6.260555194	7.061510478	1.610915344	6.445751277
ENSMUSG00000068818	8.489422215	11.82549314	9.886114669	3.221830688	4.297167518
ENSMUSG00000068819	5.65961481	9.738641413	10.59226572	6.443661377	2.864778345
ENSMUSG00000068824	12.02668147	7.651789682	6.35535943	4.02728836	5.729556691

ENSMUSG00000068947	6.367066661	5.56493795	7.767661525	5.638203705	5.729556691
ENSMUSG00000068948	1.414903703	0.695617244	2.824604191	2.416373016	2.148583759
ENSMUSG00000068950	9.904325918	9.043024169	11.29841676	4.832746033	5.013362104
ENSMUSG00000068962	5.65961481	7.651789682	4.943057334	5.638203705	8.594335036
ENSMUSG00000068964	11.31922962	6.956172438	13.41686991	10.47094974	8.594335036
ENSMUSG00000068969	10.61177777	11.82549314	9.179963621	4.02728836	10.02672421
ENSMUSG00000069008	7.074518513	4.869320706	7.767661525	9.665492065	10.02672421
ENSMUSG00000069011	16.27139258	17.39043109	14.12302096	22.55281482	17.18867007
ENSMUSG00000069036	2.829807405	4.173703463	3.530755239	3.221830688	2.864778345
ENSMUSG00000069038	2.829807405	2.782468975	2.824604191	1.610915344	2.864778345
ENSMUSG00000069074	7.074518513	8.347406925	7.767661525	8.860034393	5.013362104
ENSMUSG00000069083	11.31922962	10.43425866	11.29841676	14.4982381	16.47247549
ENSMUSG00000069117	10.61177777	3.478086219	11.29841676	4.832746033	6.445751277
ENSMUSG00000069125	12.02668147	7.651789682	4.943057334	12.88732275	4.297167518
ENSMUSG00000069136	24.05336294	42.43265187	37.42600553	76.51847885	77.34901533
ENSMUSG00000069188	7.781970364	5.56493795	5.649208382	7.249119049	12.89150255
ENSMUSG00000069196	7.074518513	7.651789682	4.943057334	4.832746033	7.161945863
ENSMUSG00000069208	20.51610369	27.12907251	24.71528667	15.30369577	19.33725383
ENSMUSG00000069223	8.489422215	6.260555194	7.061510478	3.221830688	7.161945863
ENSMUSG00000069236	11.31922962	4.869320706	8.473812573	6.443661377	5.013362104
ENSMUSG00000069276	12.02668147	8.347406925	8.473812573	1.610915344	6.445751277
ENSMUSG00000069280	14.14903703	11.82549314	8.473812573	6.443661377	3.580972932
ENSMUSG00000069289	6.367066661	7.651789682	7.767661525	4.02728836	2.864778345
ENSMUSG00000069292	10.61177777	6.956172438	11.29841676	5.638203705	5.729556691
ENSMUSG00000069294	10.61177777	3.478086219	5.649208382	4.832746033	7.161945863
ENSMUSG00000069295	18.39374813	5.56493795	6.35535943	4.832746033	5.013362104
ENSMUSG00000069296	12.02668147	9.043024169	9.179963621	4.02728836	6.445751277
ENSMUSG00000069297	11.31922962	9.738641413	7.767661525	5.638203705	5.729556691
ENSMUSG00000069299	13.44158517	11.1298759	4.236906287	4.02728836	10.02672421
ENSMUSG00000069309	4.244711108	6.260555194	9.886114669	7.249119049	5.729556691
ENSMUSG00000069315	13.44158517	6.260555194	5.649208382	5.638203705	3.580972932
ENSMUSG00000069355	12.73413332	9.043024169	2.824604191	7.249119049	8.594335036
ENSMUSG00000069376	8.489422215	6.956172438	5.649208382	3.221830688	9.310529622
ENSMUSG00000069379	9.904325918	9.738641413	5.649208382	4.832746033	5.729556691
ENSMUSG00000069390	15.56394073	9.043024169	9.886114669	7.249119049	5.729556691
ENSMUSG00000069439	7.074518513	8.347406925	10.59226572	5.638203705	11.45911338
ENSMUSG00000069475	5.65961481	6.956172438	3.530755239	5.638203705	7.87814045
ENSMUSG00000069518	8.489422215	7.651789682	9.179963621	4.832746033	6.445751277
ENSMUSG00000069540	56.5961481	94.60394515	67.08434954	83.7675979	88.80812871
ENSMUSG00000069554	14.85648888	17.39043109	19.06607829	58.79841006	43.68786977
ENSMUSG00000069584	7.781970364	6.956172438	4.943057334	4.02728836	8.594335036
ENSMUSG00000069620	5.65961481	7.651789682	7.767661525	4.02728836	7.161945863
ENSMUSG00000069682	9.904325918	12.52111039	9.179963621	15.30369577	17.18867007

ENSMUSG00000069706	7.074518513	6.956172438	7.767661525	4.02728836	7.161945863
ENSMUSG00000069707	9.904325918	5.56493795	9.179963621	8.054576721	5.729556691
ENSMUSG00000069708	6.367066661	11.1298759	3.530755239	3.221830688	10.7429188
ENSMUSG00000069712	8.489422215	6.956172438	10.59226572	8.054576721	8.594335036
ENSMUSG00000069755	7.781970364	8.347406925	10.59226572	4.02728836	2.864778345
ENSMUSG00000069785	9.904325918	4.869320706	13.41686991	8.054576721	6.445751277
ENSMUSG00000069796	7.781970364	5.56493795	5.649208382	9.665492065	7.161945863
ENSMUSG00000069816	10.61177777	6.956172438	7.061510478	6.443661377	8.594335036
ENSMUSG00000069824	8.489422215	6.956172438	9.179963621	5.638203705	2.148583759
ENSMUSG00000069862	19.10119998	13.21672763	13.41686991	14.4982381	15.7562809
ENSMUSG00000069890	4.952162959	4.869320706	2.118453143	4.832746033	8.594335036
ENSMUSG00000069913	7.074518513	6.260555194	8.473812573	10.47094974	7.87814045
ENSMUSG00000069925	9.196874066	4.173703463	6.35535943	5.638203705	4.297167518
ENSMUSG00000069939	9.196874066	11.1298759	11.29841676	8.054576721	6.445751277
ENSMUSG00000069962	17.68629628	5.56493795	7.061510478	9.665492065	7.161945863
ENSMUSG00000069972	7.781970364	11.1298759	10.59226572	8.054576721	14.32389173
ENSMUSG00000069986	10.61177777	6.956172438	13.41686991	8.054576721	6.445751277
ENSMUSG00000069996	8.489422215	7.651789682	18.35992724	6.443661377	6.445751277
ENSMUSG00000070023	7.074518513	6.956172438	5.649208382	7.249119049	5.013362104
ENSMUSG00000070025	0	2.086851731	1.412302096	0.805457672	1.432389173
ENSMUSG00000070063	2.122355554	0.695617244	2.118453143	4.02728836	3.580972932
ENSMUSG00000070065	0	0	0	0.805457672	0.716194586
ENSMUSG00000070071	3.537259256	4.173703463	2.824604191	0.805457672	1.432389173
ENSMUSG00000070072	0	0	0	0	0
ENSMUSG00000070073	4.952162959	2.086851731	1.412302096	1.610915344	2.148583759
ENSMUSG00000070074	58.71850365	93.21271067	77.67661525	122.4295662	92.38910164
ENSMUSG00000070075	4.952162959	9.738641413	7.767661525	4.832746033	3.580972932
ENSMUSG00000070076	0	0	0	0	0
ENSMUSG00000070077	11.31922962	10.43425866	2.824604191	19.33098413	22.20203218
ENSMUSG00000070078	0	0	0	0	0
ENSMUSG00000070080	0	0	0	0	0
ENSMUSG00000070081	61.54831106	79.99598303	80.50121945	56.38203705	48.70123187
ENSMUSG00000070084	4.952162959	4.173703463	4.943057334	3.221830688	5.013362104
ENSMUSG00000070099	0	0	0	0	0
ENSMUSG00000070100	1.414903703	1.391234488	2.118453143	1.610915344	1.432389173
ENSMUSG00000070101	0.707451851	0	0	0	0.716194586
ENSMUSG00000070102	12.73413332	2.782468975	7.061510478	4.02728836	7.87814045
ENSMUSG00000070103	7.781970364	4.869320706	7.061510478	4.832746033	7.87814045
ENSMUSG00000070104	3.537259256	2.782468975	2.118453143	0.805457672	2.148583759
ENSMUSG00000070105	0	0	0	0	0
ENSMUSG00000070106	0	0	0	0	0
ENSMUSG00000070107	0.707451851	1.391234488	0.706151048	0.805457672	0.716194586
ENSMUSG00000070108	9.196874066	7.651789682	7.061510478	7.249119049	5.729556691

ENSMUSG00000070109	7.074518513	5.56493795	5.649208382	12.88732275	11.45911338
ENSMUSG00000070110	2.829807405	4.869320706	2.824604191	3.221830688	2.864778345
ENSMUSG00000070111	13.44158517	6.260555194	7.767661525	4.02728836	7.87814045
ENSMUSG00000070126	0	0	0.706151048	0.805457672	0
ENSMUSG00000070127	2.829807405	1.391234488	0.706151048	2.416373016	3.580972932
ENSMUSG00000070128	0	0	0	0	0
ENSMUSG00000070129	0.707451851	0	0.706151048	0.805457672	0.716194586
ENSMUSG00000070130	2.122355554	2.782468975	1.412302096	1.610915344	0.716194586
ENSMUSG00000070133	0	0	0	0	0
ENSMUSG00000070136	0	0	0	0	0
ENSMUSG00000070138	0.707451851	1.391234488	0.706151048	3.221830688	1.432389173
ENSMUSG00000070139	0.707451851	4.173703463	0.706151048	0.805457672	0.716194586
ENSMUSG00000070140	6.367066661	3.478086219	7.061510478	8.054576721	3.580972932
ENSMUSG00000070141	0	0	0	0	0
ENSMUSG00000070144	7.074518513	6.956172438	4.943057334	4.832746033	5.013362104
ENSMUSG00000070150	6.367066661	6.956172438	7.061510478	2.416373016	7.161945863
ENSMUSG00000070166	44.56946663	57.73623123	50.84287544	52.35474869	49.41742646
ENSMUSG00000070167	0	1.391234488	0	0	1.432389173
ENSMUSG00000070170	5.65961481	12.52111039	4.943057334	6.443661377	5.013362104
ENSMUSG00000070173	10.61177777	10.43425866	7.061510478	5.638203705	8.594335036
ENSMUSG00000070175	0	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000070178	4.952162959	4.173703463	3.530755239	3.221830688	5.013362104
ENSMUSG00000070182	9.196874066	6.956172438	4.943057334	5.638203705	7.87814045
ENSMUSG00000070192	12.02668147	9.043024169	7.061510478	1.610915344	7.161945863
ENSMUSG00000070203	5.65961481	4.173703463	3.530755239	5.638203705	9.310529622
ENSMUSG00000070209	2.829807405	4.869320706	7.767661525	8.860034393	3.580972932
ENSMUSG00000070214	36.78749627	60.51870021	49.43057334	54.7711217	52.99839939
ENSMUSG00000070219	7.074518513	2.782468975	3.530755239	5.638203705	2.864778345
ENSMUSG00000070225	7.074518513	9.738641413	13.41686991	5.638203705	14.32389173
ENSMUSG00000070227	10.61177777	13.91234488	6.35535943	1.610915344	4.297167518
ENSMUSG00000070235	8.489422215	6.956172438	9.179963621	6.443661377	8.594335036
ENSMUSG00000070236	9.904325918	4.869320706	7.061510478	7.249119049	5.013362104
ENSMUSG00000070240	7.074518513	6.260555194	1.412302096	3.221830688	3.580972932
ENSMUSG00000070249	9.196874066	10.43425866	7.767661525	3.221830688	4.297167518
ENSMUSG00000070258	4.952162959	2.782468975	7.767661525	4.02728836	1.432389173
ENSMUSG00000070263	23.34591109	43.82388636	31.0706461	22.55281482	22.91822676
ENSMUSG00000070271	10.61177777	9.043024169	8.473812573	4.02728836	7.161945863
ENSMUSG00000070282	2.829807405	19.47728283	14.829172	41.88379895	25.78300511
ENSMUSG00000070315	10.61177777	18.78166558	17.65377619	18.52552646	10.02672421
ENSMUSG00000070330	2.829807405	9.043024169	9.886114669	12.88732275	11.45911338
ENSMUSG00000070337	9.196874066	4.869320706	9.179963621	9.665492065	6.445751277
ENSMUSG00000070342	7.781970364	6.260555194	6.35535943	6.443661377	4.297167518
ENSMUSG00000070343	10.61177777	6.956172438	9.179963621	13.69278043	8.594335036

ENSMUSG00000070377	9.904325918	6.260555194	7.061510478	8.860034393	5.729556691
ENSMUSG00000070378	7.074518513	9.043024169	6.35535943	7.249119049	5.013362104
ENSMUSG00000070379	11.31922962	6.260555194	2.824604191	8.054576721	5.729556691
ENSMUSG00000070380	3.537259256	4.869320706	8.473812573	6.443661377	10.7429188
ENSMUSG00000070382	12.73413332	6.260555194	3.530755239	4.832746033	12.89150255
ENSMUSG00000070392	0	0	0	0	0
ENSMUSG00000070402	3.537259256	4.869320706	7.061510478	8.054576721	4.297167518
ENSMUSG00000070411	9.904325918	7.651789682	10.59226572	3.221830688	6.445751277
ENSMUSG00000070438	10.61177777	9.738641413	7.767661525	8.054576721	5.729556691
ENSMUSG00000070443	11.31922962	8.347406925	9.179963621	8.860034393	7.87814045
ENSMUSG00000070458	8.489422215	4.173703463	11.29841676	2.416373016	9.310529622
ENSMUSG00000070459	7.074518513	6.956172438	4.236906287	2.416373016	11.45911338
ENSMUSG00000070461	9.904325918	4.173703463	4.943057334	6.443661377	7.161945863
ENSMUSG00000070464	12.02668147	4.869320706	4.236906287	8.860034393	7.161945863
ENSMUSG00000070465	10.61177777	6.956172438	9.886114669	0.805457672	7.87814045
ENSMUSG00000070489	7.074518513	5.56493795	10.59226572	2.416373016	8.594335036
ENSMUSG00000070490	10.61177777	11.82549314	10.59226572	8.860034393	9.310529622
ENSMUSG00000070524	11.31922962	9.043024169	7.767661525	4.832746033	10.02672421
ENSMUSG00000070572	7.781970364	6.260555194	12.71071886	8.054576721	14.32389173
ENSMUSG00000070583	58.71850365	73.73542784	81.91352154	78.12939419	72.33565322
ENSMUSG00000070601	8.489422215	9.738641413	7.061510478	4.832746033	7.161945863
ENSMUSG00000070606	4.952162959	6.956172438	8.473812573	0.805457672	10.02672421
ENSMUSG00000070609	12.73413332	7.651789682	7.061510478	4.02728836	9.310529622
ENSMUSG00000070610	13.44158517	11.82549314	24.00913562	12.88732275	12.89150255
ENSMUSG00000070621	7.074518513	6.956172438	6.35535943	6.443661377	6.445751277
ENSMUSG00000070632	9.904325918	16.69481385	15.53532305	11.27640741	16.47247549
ENSMUSG00000070641	2.829807405	3.478086219	4.236906287	7.249119049	2.148583759
ENSMUSG00000070667	13.44158517	9.738641413	14.829172	13.69278043	12.17530797
ENSMUSG00000070692	7.074518513	6.260555194	4.943057334	4.02728836	10.02672421
ENSMUSG00000070717	22.63845924	36.86771392	31.0706461	26.58010318	32.94495097
ENSMUSG00000070720	10.61177777	9.043024169	7.767661525	7.249119049	7.161945863
ENSMUSG00000070729	16.27139258	10.43425866	20.47838039	16.10915344	20.05344842
ENSMUSG00000070778	8.489422215	4.869320706	7.767661525	7.249119049	5.729556691
ENSMUSG00000070794	5.65961481	6.956172438	7.061510478	4.832746033	12.17530797
ENSMUSG00000070815	7.781970364	4.869320706	7.767661525	5.638203705	10.02672421
ENSMUSG00000070816	11.31922962	13.21672763	4.943057334	5.638203705	8.594335036
ENSMUSG00000070817	8.489422215	9.043024169	4.943057334	5.638203705	3.580972932
ENSMUSG00000070820	9.904325918	6.956172438	9.179963621	6.443661377	4.297167518
ENSMUSG00000070821	7.781970364	8.347406925	8.473812573	8.054576721	6.445751277
ENSMUSG00000070834	12.73413332	11.82549314	9.179963621	12.88732275	15.7562809
ENSMUSG00000070837	9.904325918	7.651789682	7.061510478	5.638203705	10.02672421
ENSMUSG00000070852	7.781970364	4.869320706	4.943057334	4.832746033	4.297167518
ENSMUSG00000070853	6.367066661	9.043024169	6.35535943	5.638203705	6.445751277



ENSMUSG00000070855	7.781970364	5.56493795	9.179963621	5.638203705	4.297167518
ENSMUSG00000070856	13.44158517	12.52111039	7.767661525	3.221830688	7.87814045
ENSMUSG00000070857	10.61177777	14.60796212	9.179963621	4.02728836	2.148583759
ENSMUSG00000070875	13.44158517	10.43425866	4.236906287	3.221830688	2.148583759
ENSMUSG00000070890	7.781970364	4.869320706	9.886114669	8.860034393	7.87814045
ENSMUSG00000070896	9.196874066	6.956172438	4.236906287	3.221830688	5.729556691
ENSMUSG00000070900	55.88869625	80.69160028	69.20280268	65.24207144	56.57937232
ENSMUSG00000070904	15.56394073	11.82549314	7.767661525	4.832746033	7.87814045
ENSMUSG00000070943	10.61177777	5.56493795	7.767661525	5.638203705	7.161945863
ENSMUSG00000070960	11.31922962	13.91234488	12.00456781	10.47094974	4.297167518
ENSMUSG00000070977	11.31922962	9.043024169	13.41686991	4.02728836	7.87814045
ENSMUSG00000070983	9.904325918	4.173703463	7.767661525	4.832746033	5.729556691
ENSMUSG00000070984	9.904325918	8.347406925	6.35535943	9.665492065	4.297167518
ENSMUSG00000070995	10.61177777	10.43425866	10.59226572	5.638203705	10.02672421
ENSMUSG00000070997	78.52715549	114.7768452	98.86114669	173.1733995	158.9951982
ENSMUSG00000071035	7.074518513	4.173703463	8.473812573	8.860034393	14.32389173
ENSMUSG00000071037	41.73965922	64.69240367	60.02283906	21.74735715	40.10689684
ENSMUSG00000071040	7.074518513	6.956172438	8.473812573	8.054576721	4.297167518
ENSMUSG00000071041	8.489422215	8.347406925	13.41686991	16.91461111	15.04008631
ENSMUSG00000071052	12.02668147	10.43425866	9.886114669	12.88732275	13.60769714
ENSMUSG00000071065	10.61177777	8.347406925	7.061510478	4.832746033	9.310529622
ENSMUSG00000071083	1.414903703	1.391234488	0	0	1.432389173
ENSMUSG00000071084	8.489422215	7.651789682	10.59226572	4.832746033	5.013362104
ENSMUSG00000071102	7.781970364	2.782468975	7.061510478	5.638203705	17.18867007
ENSMUSG00000071141	9.196874066	14.60796212	14.12302096	13.69278043	16.47247549
ENSMUSG00000071150	11.31922962	7.651789682	2.118453143	4.832746033	7.161945863
ENSMUSG00000071151	7.074518513	5.56493795	11.29841676	9.665492065	9.310529622
ENSMUSG00000071169	12.73413332	11.1298759	8.473812573	6.443661377	3.580972932
ENSMUSG00000071193	8.489422215	10.43425866	5.649208382	4.02728836	7.87814045
ENSMUSG00000071195	16.97884443	2.782468975	5.649208382	8.860034393	5.013362104
ENSMUSG00000071204	7.781970364	5.56493795	7.061510478	3.221830688	2.864778345
ENSMUSG00000071207	9.904325918	8.347406925	7.767661525	5.638203705	7.161945863
ENSMUSG00000071217	14.14903703	15.99919661	8.473812573	5.638203705	7.161945863
ENSMUSG00000071237	8.489422215	5.56493795	4.943057334	3.221830688	5.729556691
ENSMUSG00000071265	9.196874066	10.43425866	5.649208382	4.832746033	8.594335036
ENSMUSG00000071273	7.781970364	6.260555194	4.236906287	7.249119049	5.013362104
ENSMUSG00000071275	6.367066661	9.043024169	5.649208382	12.08186508	6.445751277
ENSMUSG00000071276	6.367066661	9.738641413	6.35535943	2.416373016	2.864778345
ENSMUSG00000071280	33.25023701	62.60555194	48.01827125	50.74383334	46.55264811
ENSMUSG00000071294	9.196874066	8.347406925	5.649208382	5.638203705	10.7429188
ENSMUSG00000071295	6.367066661	3.478086219	2.824604191	5.638203705	2.864778345
ENSMUSG00000071303	12.73413332	9.738641413	3.530755239	7.249119049	7.87814045
ENSMUSG00000071311	13.44158517	11.1298759	16.94762515	8.860034393	12.17530797

ENSMUSG00000071332	16.97884443	14.60796212	21.89068248	21.74735715	20.05344842
ENSMUSG00000071343	11.31922962	6.260555194	5.649208382	7.249119049	10.7429188
ENSMUSG00000071414	9.904325918	7.651789682	7.061510478	7.249119049	10.02672421
ENSMUSG00000071419	15.56394073	8.347406925	7.061510478	8.054576721	10.7429188
ENSMUSG00000071428	6.367066661	9.738641413	6.35535943	2.416373016	4.297167518
ENSMUSG00000071466	9.904325918	6.260555194	7.061510478	7.249119049	7.161945863
ENSMUSG00000071475	12.73413332	8.347406925	13.41686991	5.638203705	9.310529622
ENSMUSG00000071490	8.489422215	7.651789682	7.061510478	4.832746033	5.729556691
ENSMUSG00000071491	10.61177777	6.956172438	6.35535943	2.416373016	2.864778345
ENSMUSG00000071493	9.196874066	4.173703463	13.41686991	5.638203705	7.87814045
ENSMUSG00000071494	9.904325918	7.651789682	7.767661525	2.416373016	7.161945863
ENSMUSG00000071516	0	5.56493795	0.706151048	0	2.148583759
ENSMUSG00000071532	10.61177777	8.347406925	8.473812573	11.27640741	16.47247549
ENSMUSG00000071567	13.44158517	9.043024169	9.886114669	6.443661377	5.729556691
ENSMUSG00000071568	9.196874066	9.043024169	8.473812573	4.832746033	3.580972932
ENSMUSG00000071586	13.44158517	13.91234488	11.29841676	16.91461111	9.310529622
ENSMUSG00000071637	2.829807405	6.260555194	7.767661525	4.832746033	8.594335036
ENSMUSG00000071671	8.489422215	11.1298759	6.35535943	11.27640741	5.729556691
ENSMUSG00000071680	4.952162959	2.782468975	5.649208382	3.221830688	2.148583759
ENSMUSG00000071724	12.02668147	8.347406925	5.649208382	4.832746033	8.594335036
ENSMUSG00000071735	3.537259256	4.173703463	4.943057334	4.02728836	6.445751277
ENSMUSG00000071750	9.196874066	4.869320706	7.767661525	7.249119049	10.02672421
ENSMUSG00000071753	4.952162959	4.869320706	5.649208382	2.416373016	2.148583759
ENSMUSG00000071763	8.489422215	2.086851731	3.530755239	1.610915344	4.297167518
ENSMUSG00000071764	6.367066661	6.260555194	4.943057334	3.221830688	4.297167518
ENSMUSG00000071793	164.8362813	209.3807904	222.43758	285.9374736	240.641381
ENSMUSG00000071796	4.952162959	11.82549314	7.061510478	8.054576721	5.729556691
ENSMUSG00000071818	9.196874066	9.738641413	11.29841676	3.221830688	3.580972932
ENSMUSG00000071867	14.14903703	20.17290007	16.94762515	16.10915344	20.05344842
ENSMUSG00000072066	14.14903703	11.1298759	12.00456781	10.47094974	10.02672421
ENSMUSG00000072068	9.904325918	6.260555194	7.767661525	8.860034393	8.594335036
ENSMUSG00000072109	76.40479994	122.4286349	92.50578726	232.7772672	175.4676737
ENSMUSG00000072255	7.781970364	11.1298759	4.943057334	6.443661377	7.161945863
ENSMUSG00000072294	8.489422215	5.56493795	7.061510478	8.054576721	15.7562809
ENSMUSG00000072324	7.074518513	3.478086219	5.649208382	5.638203705	3.580972932
ENSMUSG00000072381	9.904325918	5.56493795	9.886114669	3.221830688	5.013362104
ENSMUSG00000072387	12.73413332	5.56493795	9.179963621	5.638203705	11.45911338
ENSMUSG00000072407	11.31922962	9.043024169	11.29841676	4.832746033	5.013362104
ENSMUSG00000072421	10.61177777	9.043024169	7.061510478	12.88732275	7.87814045
ENSMUSG00000072432	12.02668147	7.651789682	6.35535943	9.665492065	6.445751277
ENSMUSG00000072460	6.367066661	8.347406925	7.061510478	2.416373016	7.87814045
ENSMUSG00000072476	13.44158517	16.69481385	16.2414741	28.19101852	20.05344842
ENSMUSG00000072477	12.73413332	5.56493795	9.886114669	5.638203705	6.445751277

ENSMUSG00000072492	10.61177777	9.043024169	8.473812573	4.832746033	11.45911338
ENSMUSG00000072541	7.074518513	5.56493795	4.943057334	3.221830688	2.864778345
ENSMUSG00000072574	9.196874066	6.956172438	9.886114669	6.443661377	10.02672421
ENSMUSG00000072576	9.904325918	9.738641413	10.59226572	7.249119049	10.7429188
ENSMUSG00000072589	13.44158517	3.478086219	6.35535943	8.054576721	5.729556691
ENSMUSG00000072591	4.952162959	5.56493795	7.061510478	4.02728836	7.161945863
ENSMUSG00000072592	41.03220737	73.73542784	58.61053696	42.68925662	49.41742646
ENSMUSG00000072594	8.489422215	9.738641413	12.00456781	3.221830688	7.161945863
ENSMUSG00000072599	5.65961481	4.869320706	10.59226572	4.832746033	8.594335036
ENSMUSG00000072600	9.904325918	4.173703463	8.473812573	5.638203705	9.310529622
ENSMUSG00000072612	145.0276295	182.2517179	158.8839857	438.9744313	332.3142881
ENSMUSG00000072613	5.65961481	9.043024169	9.886114669	6.443661377	10.7429188
ENSMUSG00000072616	10.61177777	4.869320706	6.35535943	6.443661377	11.45911338
ENSMUSG00000072621	7.074518513	10.43425866	10.59226572	9.665492065	12.89150255
ENSMUSG00000072653	12.73413332	13.21672763	10.59226572	16.91461111	10.7429188
ENSMUSG00000072660	9.196874066	21.56413456	12.71071886	10.47094974	12.89150255
ENSMUSG00000072677	9.904325918	11.1298759	7.061510478	2.416373016	5.013362104
ENSMUSG00000072679	14.14903703	6.956172438	9.886114669	6.443661377	7.161945863
ENSMUSG00000072683	7.074518513	6.956172438	1.412302096	4.832746033	7.87814045
ENSMUSG00000072686	12.73413332	11.1298759	3.530755239	6.443661377	6.445751277
ENSMUSG00000072688	7.074518513	5.56493795	5.649208382	4.832746033	7.87814045
ENSMUSG00000072692	9.196874066	13.21672763	9.179963621	6.443661377	12.17530797
ENSMUSG00000072707	4.244711108	10.43425866	4.236906287	5.638203705	6.445751277
ENSMUSG00000072714	12.73413332	9.738641413	5.649208382	5.638203705	9.310529622
ENSMUSG00000072717	9.196874066	12.52111039	7.061510478	4.832746033	3.580972932
ENSMUSG00000072721	5.65961481	6.260555194	11.29841676	7.249119049	4.297167518
ENSMUSG00000072723	5.65961481	6.956172438	6.35535943	3.221830688	8.594335036
ENSMUSG00000072731	13.44158517	12.52111039	8.473812573	5.638203705	7.161945863
ENSMUSG00000072753	8.489422215	5.56493795	8.473812573	6.443661377	12.89150255
ENSMUSG00000072761	60.84085921	100.1688831	86.15042783	86.18397091	90.95671247
ENSMUSG00000072768	7.074518513	4.173703463	7.061510478	9.665492065	6.445751277
ENSMUSG00000072778	9.196874066	4.869320706	8.473812573	6.443661377	7.87814045
ENSMUSG00000072780	12.73413332	4.869320706	6.35535943	3.221830688	6.445751277
ENSMUSG00000072789	13.44158517	9.738641413	6.35535943	10.47094974	10.02672421
ENSMUSG00000072809	43.86201478	60.51870021	53.66747963	34.6346799	42.97167518
ENSMUSG00000072834	10.61177777	8.347406925	7.767661525	6.443661377	7.161945863
ENSMUSG00000072837	3.537259256	4.869320706	4.236906287	2.416373016	3.580972932
ENSMUSG00000072844	5.65961481	0.695617244	56.49208382	2.416373016	2.148583759
ENSMUSG00000072847	8.489422215	13.91234488	9.179963621	12.88732275	13.60769714
ENSMUSG00000072852	48.81417774	51.47567604	61.43514116	127.2623122	103.1320204
ENSMUSG00000072874	11.31922962	7.651789682	7.767661525	4.02728836	5.729556691
ENSMUSG00000072875	7.074518513	6.956172438	4.943057334	4.832746033	6.445751277
ENSMUSG00000072884	14.14903703	18.08604834	27.53989086	18.52552646	11.45911338

ENSMUSG00000072893	13.44158517	17.39043109	19.06607829	15.30369577	20.05344842
ENSMUSG00000072894	0	0	0	0	0
ENSMUSG00000072898	29.0055259	63.99678643	48.01827125	75.71302118	63.74131818
ENSMUSG00000072900	0	0	0	0	0
ENSMUSG00000072902	9.196874066	6.260555194	5.649208382	5.638203705	7.87814045
ENSMUSG00000072918	29.0055259	41.73703463	35.30755239	28.9964762	28.64778345
ENSMUSG00000072919	10.61177777	18.08604834	9.179963621	10.47094974	10.02672421
ENSMUSG00000072929	5.65961481	5.56493795	4.236906287	2.416373016	1.432389173
ENSMUSG00000072934	1.414903703	5.56493795	5.649208382	0.805457672	4.297167518
ENSMUSG00000072940	7.074518513	6.260555194	7.061510478	15.30369577	8.594335036
ENSMUSG00000072950	10.61177777	7.651789682	8.473812573	7.249119049	8.594335036
ENSMUSG00000072968	5.65961481	8.347406925	6.35535943	3.221830688	8.594335036
ENSMUSG00000072978	12.73413332	4.869320706	8.473812573	5.638203705	10.02672421
ENSMUSG00000072982	6.367066661	3.478086219	4.236906287	5.638203705	10.7429188
ENSMUSG00000073001	1.414903703	4.173703463	3.530755239	2.416373016	1.432389173
ENSMUSG00000073028	4.952162959	11.1298759	4.236906287	4.02728836	2.864778345
ENSMUSG00000073045	9.904325918	5.56493795	7.767661525	4.02728836	9.310529622
ENSMUSG00000073051	1.414903703	2.782468975	2.118453143	0.805457672	4.297167518
ENSMUSG00000073060	16.97884443	29.21592424	24.71528667	47.52200265	51.56601022
ENSMUSG00000073067	10.61177777	4.869320706	8.473812573	3.221830688	7.87814045
ENSMUSG00000073069	4.952162959	4.173703463	6.35535943	6.443661377	2.148583759
ENSMUSG00000073073	8.489422215	11.1298759	9.179963621	5.638203705	4.297167518
ENSMUSG00000073077	4.952162959	3.478086219	3.530755239	3.221830688	2.148583759
ENSMUSG00000073079	36.78749627	89.0390072	61.43514116	85.37851324	86.65954495
ENSMUSG00000073090	12.02668147	8.347406925	4.943057334	7.249119049	7.87814045
ENSMUSG00000073103	12.73413332	5.56493795	5.649208382	5.638203705	2.864778345
ENSMUSG00000073111	9.196874066	5.56493795	8.473812573	4.832746033	6.445751277
ENSMUSG00000073144	7.074518513	4.869320706	5.649208382	7.249119049	8.594335036
ENSMUSG00000073145	369.2898664	359.634115	337.5402008	611.3423731	437.5948923
ENSMUSG00000073147	129.4636888	152.3401764	118.633376	309.2957461	216.2907651
ENSMUSG00000073152	11.31922962	11.1298759	4.943057334	4.02728836	11.45911338
ENSMUSG00000073154	7.074518513	8.347406925	7.061510478	4.832746033	5.729556691
ENSMUSG00000073155	35.37259256	55.6493795	45.19366706	51.54929101	50.13362104
ENSMUSG00000073158	9.904325918	3.478086219	9.886114669	4.832746033	8.594335036
ENSMUSG00000073164	13.44158517	6.260555194	10.59226572	11.27640741	12.17530797
ENSMUSG00000073173	6.367066661	2.782468975	4.236906287	4.02728836	2.864778345
ENSMUSG00000073174	7.781970364	5.56493795	9.179963621	5.638203705	10.02672421
ENSMUSG00000073179	19.10119998	10.43425866	4.943057334	7.249119049	12.89150255
ENSMUSG00000073184	9.196874066	6.260555194	7.767661525	6.443661377	9.310529622
ENSMUSG00000073197	16.97884443	11.1298759	10.59226572	7.249119049	7.161945863
ENSMUSG00000073198	6.367066661	5.56493795	8.473812573	9.665492065	6.445751277
ENSMUSG00000073226	14.14903703	6.956172438	9.179963621	8.860034393	6.445751277
ENSMUSG00000073233	9.904325918	6.956172438	7.061510478	8.054576721	7.87814045

ENSMUSG00000073236	48.10672589	64.69240367	50.84287544	169.1461111	141.0903335
ENSMUSG00000073242	15.56394073	24.34660353	24.71528667	24.96918783	25.06681052
ENSMUSG00000073274	2.829807405	9.738641413	14.12302096	25.77464551	28.64778345
ENSMUSG00000073290	5.65961481	6.260555194	9.179963621	9.665492065	3.580972932
ENSMUSG00000073291	11.31922962	11.82549314	8.473812573	8.860034393	13.60769714
ENSMUSG00000073367	9.196874066	12.52111039	9.886114669	5.638203705	9.310529622
ENSMUSG00000073371	7.781970364	15.99919661	8.473812573	4.02728836	7.87814045
ENSMUSG00000073374	22.63845924	49.38882431	44.48751601	62.82569842	52.2822048
ENSMUSG00000073394	5.65961481	6.956172438	8.473812573	6.443661377	6.445751277
ENSMUSG00000073403	6.367066661	9.738641413	11.29841676	4.832746033	11.45911338
ENSMUSG00000073405	24.76081479	35.47647943	29.65834401	33.02376456	24.35061594
ENSMUSG00000073415	47.39927403	63.99678643	64.96589639	165.9242805	121.0368851
ENSMUSG00000073420	7.781970364	9.043024169	11.29841676	9.665492065	10.02672421
ENSMUSG00000073427	9.904325918	6.260555194	4.236906287	8.860034393	7.161945863
ENSMUSG00000073430	12.02668147	14.60796212	19.77222934	19.33098413	19.33725383
ENSMUSG00000073437	94.09109622	129.3848073	123.5764334	273.8556085	219.871738
ENSMUSG00000073478	14.85648888	21.56413456	14.829172	41.07834128	41.53928601
ENSMUSG00000073482	47.39927403	78.60474855	76.97046421	33.02376456	52.99839939
ENSMUSG00000073485	115.3146518	148.1664729	120.7518292	169.1461111	143.2389173
ENSMUSG00000073510	13.44158517	5.56493795	12.00456781	8.054576721	8.594335036
ENSMUSG00000073529	7.074518513	12.52111039	6.35535943	6.443661377	7.87814045
ENSMUSG00000073535	9.196874066	4.869320706	7.061510478	7.249119049	7.87814045
ENSMUSG00000073538	50.22908144	93.90832791	74.14586002	185.2552646	138.2255552
ENSMUSG00000073554	7.781970364	7.651789682	12.71071886	5.638203705	4.297167518
ENSMUSG00000073559	4.244711108	4.869320706	5.649208382	4.02728836	4.297167518
ENSMUSG00000073569	7.781970364	10.43425866	9.886114669	4.02728836	8.594335036
ENSMUSG00000073572	8.489422215	5.56493795	8.473812573	8.054576721	7.161945863
ENSMUSG00000073573	15.56394073	8.347406925	7.767661525	6.443661377	2.864778345
ENSMUSG00000073586	9.904325918	6.260555194	10.59226572	3.221830688	11.45911338
ENSMUSG00000073607	72.86754068	114.7768452	90.38733411	135.3168889	112.4425501
ENSMUSG00000073610	11.31922962	9.738641413	6.35535943	6.443661377	4.297167518
ENSMUSG00000073627	50.93653329	85.56092098	70.61510478	329.4321879	257.8300511
ENSMUSG00000073628	50.93653329	57.04061399	53.66747963	123.2350238	107.429188
ENSMUSG00000073631	33.25023701	42.43265187	43.78136496	113.5695318	87.37573953
ENSMUSG00000073647	29.71297775	22.95536904	35.30755239	26.58010318	32.94495097
ENSMUSG00000073652	9.904325918	7.651789682	7.767661525	7.249119049	4.297167518
ENSMUSG00000073656	7.781970364	9.043024169	9.179963621	4.832746033	5.013362104
ENSMUSG00000073672	16.27139258	4.869320706	6.35535943	5.638203705	7.87814045
ENSMUSG00000073674	1.414903703	0	0	0	0
ENSMUSG00000073679	9.196874066	6.260555194	11.29841676	17.72006879	8.594335036
ENSMUSG00000073682	9.904325918	11.1298759	16.94762515	22.55281482	19.33725383
ENSMUSG00000073686	7.074518513	4.173703463	3.530755239	8.860034393	5.729556691
ENSMUSG00000073699	12.73413332	5.56493795	7.767661525	5.638203705	5.729556691

ENSMUSG00000073716	29.71297775	32.69401046	37.42600553	28.9964762	35.09353473
ENSMUSG00000073721	11.31922962	11.82549314	4.943057334	9.665492065	10.02672421
ENSMUSG00000073723	12.73413332	3.478086219	9.179963621	8.860034393	5.729556691
ENSMUSG00000073728	7.074518513	8.347406925	6.35535943	4.832746033	6.445751277
ENSMUSG00000073731	7.781970364	5.56493795	2.824604191	8.860034393	7.161945863
ENSMUSG00000073735	8.489422215	6.260555194	7.061510478	3.221830688	5.729556691
ENSMUSG00000073737	9.196874066	8.347406925	6.35535943	4.02728836	7.161945863
ENSMUSG00000073739	9.904325918	10.43425866	9.179963621	8.860034393	12.89150255
ENSMUSG00000073741	53.05888884	66.08363816	45.8998181	45.91108731	33.66114556
ENSMUSG00000073752	8.489422215	9.043024169	8.473812573	6.443661377	7.87814045
ENSMUSG00000073753	22.63845924	36.86771392	32.4829482	10.47094974	24.35061594
ENSMUSG00000073759	4.244711108	7.651789682	6.35535943	7.249119049	8.594335036
ENSMUSG00000073765	14.85648888	9.043024169	5.649208382	3.221830688	5.729556691
ENSMUSG00000073768	12.02668147	7.651789682	8.473812573	5.638203705	2.864778345
ENSMUSG00000073778	3.537259256	5.56493795	9.179963621	5.638203705	5.729556691
ENSMUSG00000073779	11.31922962	8.347406925	5.649208382	21.74735715	16.47247549
ENSMUSG00000073786	7.074518513	4.173703463	2.824604191	9.665492065	10.02672421
ENSMUSG00000073787	19.10119998	38.95456565	35.30755239	20.94189947	21.48583759
ENSMUSG00000073789	7.781970364	4.869320706	2.824604191	10.47094974	3.580972932
ENSMUSG00000073797	13.44158517	10.43425866	11.29841676	3.221830688	10.7429188
ENSMUSG00000073804	9.196874066	5.56493795	5.649208382	8.054576721	6.445751277
ENSMUSG00000073807	7.781970364	6.956172438	6.35535943	4.02728836	4.297167518
ENSMUSG00000073809	2.829807405	2.782468975	0.706151048	6.443661377	2.864778345
ENSMUSG00000073821	8.489422215	8.347406925	7.061510478	11.27640741	10.7429188
ENSMUSG00000073823	5.65961481	5.56493795	6.35535943	7.249119049	8.594335036
ENSMUSG00000073835	21.22355554	14.60796212	10.59226572	7.249119049	8.594335036
ENSMUSG00000073840	14.85648888	8.347406925	9.179963621	12.08186508	7.161945863
ENSMUSG00000073843	24.05336294	25.73783802	36.01370344	17.72006879	10.7429188
ENSMUSG00000073844	6.367066661	6.260555194	8.473812573	5.638203705	10.02672421
ENSMUSG00000073846	14.14903703	7.651789682	9.886114669	9.665492065	6.445751277
ENSMUSG00000073856	45.27691848	66.08363816	64.96589639	90.21125927	74.48423698
ENSMUSG00000073860	2.122355554	6.260555194	8.473812573	3.221830688	9.310529622
ENSMUSG00000073862	9.196874066	3.478086219	6.35535943	8.054576721	7.161945863
ENSMUSG00000073879	4.244711108	1.391234488	3.530755239	2.416373016	1.432389173
ENSMUSG00000073897	5.65961481	11.1298759	7.061510478	4.02728836	7.161945863
ENSMUSG00000073898	12.02668147	9.043024169	12.71071886	1.610915344	6.445751277
ENSMUSG00000073899	7.781970364	6.956172438	4.943057334	4.02728836	8.594335036
ENSMUSG00000073900	9.904325918	11.82549314	4.943057334	5.638203705	7.161945863
ENSMUSG00000073901	9.904325918	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000073902	24.76081479	38.95456565	28.95219296	26.58010318	33.66114556
ENSMUSG00000073908	5.65961481	5.56493795	8.473812573	3.221830688	9.310529622
ENSMUSG00000073909	9.904325918	4.869320706	9.179963621	8.054576721	7.87814045
ENSMUSG00000073913	8.489422215	7.651789682	5.649208382	4.832746033	6.445751277

ENSMUSG00000073914	5.65961481	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG00000073915	9.196874066	13.21672763	5.649208382	2.416373016	3.580972932
ENSMUSG00000073916	7.781970364	8.347406925	5.649208382	4.832746033	5.729556691
ENSMUSG00000073917	9.196874066	6.260555194	7.767661525	3.221830688	7.87814045
ENSMUSG00000073919	6.367066661	6.260555194	10.59226572	5.638203705	9.310529622
ENSMUSG00000073922	10.61177777	7.651789682	3.530755239	7.249119049	6.445751277
ENSMUSG00000073923	7.074518513	5.56493795	10.59226572	4.832746033	6.445751277
ENSMUSG00000073924	7.074518513	14.60796212	8.473812573	6.443661377	2.864778345
ENSMUSG00000073925	10.61177777	12.52111039	5.649208382	8.054576721	5.729556691
ENSMUSG00000073928	4.244711108	6.260555194	9.179963621	7.249119049	5.729556691
ENSMUSG00000073929	7.074518513	8.347406925	6.35535943	4.832746033	9.310529622
ENSMUSG00000073931	4.244711108	6.260555194	7.061510478	1.610915344	8.594335036
ENSMUSG00000073932	12.02668147	4.173703463	4.236906287	5.638203705	1.432389173
ENSMUSG00000073937	12.02668147	8.347406925	9.886114669	2.416373016	5.013362104
ENSMUSG00000073938	8.489422215	9.043024169	7.767661525	8.054576721	3.580972932
ENSMUSG00000073943	12.02668147	6.260555194	7.061510478	4.02728836	4.297167518
ENSMUSG00000073944	7.074518513	4.869320706	8.473812573	5.638203705	5.729556691
ENSMUSG00000073945	12.73413332	7.651789682	6.35535943	8.860034393	7.161945863
ENSMUSG00000073946	10.61177777	4.173703463	7.767661525	1.610915344	5.729556691
ENSMUSG00000073947	4.244711108	9.738641413	9.886114669	4.832746033	3.580972932
ENSMUSG00000073948	6.367066661	10.43425866	7.061510478	3.221830688	6.445751277
ENSMUSG00000073949	3.537259256	9.043024169	10.59226572	5.638203705	3.580972932
ENSMUSG00000073950	8.489422215	12.52111039	5.649208382	4.832746033	2.864778345
ENSMUSG00000073951	6.367066661	9.043024169	9.179963621	3.221830688	5.729556691
ENSMUSG00000073952	11.31922962	6.956172438	12.00456781	5.638203705	6.445751277
ENSMUSG00000073953	10.61177777	4.173703463	7.767661525	0.805457672	5.729556691
ENSMUSG00000073954	7.074518513	6.956172438	7.767661525	2.416373016	6.445751277
ENSMUSG00000073955	9.196874066	4.173703463	10.59226572	10.47094974	12.17530797
ENSMUSG00000073959	9.196874066	11.1298759	9.179963621	4.02728836	5.013362104
ENSMUSG00000073960	7.781970364	8.347406925	4.236906287	4.832746033	5.013362104
ENSMUSG00000073961	13.44158517	6.956172438	4.943057334	5.638203705	7.87814045
ENSMUSG00000073962	7.781970364	11.1298759	7.767661525	3.221830688	4.297167518
ENSMUSG00000073963	13.44158517	4.869320706	7.061510478	8.054576721	5.013362104
ENSMUSG00000073965	10.61177777	8.347406925	4.943057334	4.832746033	5.013362104
ENSMUSG00000073970	12.73413332	9.738641413	6.35535943	6.443661377	10.7429188
ENSMUSG00000073971	11.31922962	9.738641413	7.767661525	6.443661377	9.310529622
ENSMUSG00000073972	4.244711108	10.43425866	7.767661525	8.054576721	5.013362104
ENSMUSG00000073973	9.904325918	6.260555194	8.473812573	6.443661377	9.310529622
ENSMUSG00000073976	11.31922962	6.260555194	12.71071886	4.832746033	2.864778345
ENSMUSG00000073977	10.61177777	6.956172438	8.473812573	5.638203705	10.02672421
ENSMUSG00000073978	9.904325918	10.43425866	4.943057334	6.443661377	12.17530797
ENSMUSG00000073979	11.31922962	8.347406925	7.767661525	6.443661377	8.594335036
ENSMUSG00000073980	11.31922962	11.1298759	10.59226572	19.33098413	10.02672421

ENSMUSG00000073985	15.56394073	20.17290007	16.2414741	13.69278043	17.18867007
ENSMUSG00000073997	9.196874066	4.869320706	5.649208382	6.443661377	8.594335036
ENSMUSG00000073998	10.61177777	4.869320706	9.179963621	8.054576721	3.580972932
ENSMUSG00000074003	6.367066661	4.173703463	2.824604191	3.221830688	8.594335036
ENSMUSG00000074011	10.61177777	4.869320706	7.061510478	5.638203705	5.013362104
ENSMUSG00000074024	46.69182218	89.73462445	79.08891735	98.265836	93.82149081
ENSMUSG00000074026	2.829807405	1.391234488	2.118453143	2.416373016	2.148583759
ENSMUSG00000074034	7.781970364	11.82549314	8.473812573	12.88732275	8.594335036
ENSMUSG00000074039	8.489422215	6.260555194	6.35535943	3.221830688	5.729556691
ENSMUSG00000074052	19.80865184	30.60715873	20.47838039	204.5862487	165.4409494
ENSMUSG00000074065	28.29807405	41.04141738	44.48751601	102.2931244	74.48423698
ENSMUSG00000074067	10.61177777	2.086851731	6.35535943	4.02728836	5.013362104
ENSMUSG00000074071	70.03773327	105.0382038	84.73812573	47.52200265	52.2822048
ENSMUSG00000074072	7.781970364	5.56493795	4.943057334	4.832746033	9.310529622
ENSMUSG00000074092	9.904325918	6.956172438	7.061510478	3.221830688	8.594335036
ENSMUSG00000074108	12.02668147	9.738641413	12.71071886	7.249119049	8.594335036
ENSMUSG00000074113	9.904325918	11.1298759	4.236906287	9.665492065	9.310529622
ENSMUSG00000074128	11.31922962	6.260555194	5.649208382	5.638203705	7.161945863
ENSMUSG00000074136	192.4269035	201.0333835	194.8976892	352.7904604	252.816689
ENSMUSG00000074146	7.074518513	6.956172438	5.649208382	12.88732275	12.89150255
ENSMUSG00000074149	29.0055259	49.38882431	50.13672439	102.2931244	92.38910164
ENSMUSG00000074164	7.074518513	6.260555194	9.179963621	2.416373016	5.729556691
ENSMUSG00000074171	14.14903703	15.30357936	16.2414741	40.2728836	47.98503729
ENSMUSG00000074184	11.31922962	8.347406925	12.71071886	7.249119049	8.594335036
ENSMUSG00000074194	9.196874066	10.43425866	7.061510478	8.860034393	11.45911338
ENSMUSG00000074206	11.31922962	9.043024169	7.767661525	12.08186508	5.013362104
ENSMUSG00000074235	12.02668147	10.43425866	7.767661525	4.02728836	7.161945863
ENSMUSG00000074236	11.31922962	4.173703463	11.29841676	8.054576721	3.580972932
ENSMUSG00000074243	9.196874066	7.651789682	12.00456781	10.47094974	10.02672421
ENSMUSG00000074248	9.196874066	2.086851731	10.59226572	4.02728836	5.013362104
ENSMUSG00000074250	13.44158517	9.738641413	12.00456781	12.88732275	10.7429188
ENSMUSG00000074256	50.22908144	86.25653823	84.73812573	70.88027514	52.99839939
ENSMUSG00000074274	9.196874066	7.651789682	11.29841676	12.08186508	9.310529622
ENSMUSG00000074280	4.244711108	4.173703463	4.236906287	5.638203705	8.594335036
ENSMUSG00000074281	9.196874066	6.260555194	7.767661525	20.94189947	18.62105924
ENSMUSG00000074283	13.44158517	7.651789682	7.767661525	11.27640741	6.445751277
ENSMUSG00000074284	13.44158517	17.39043109	24.00913562	19.33098413	17.90486466
ENSMUSG00000074289	12.02668147	6.260555194	5.649208382	4.832746033	8.594335036
ENSMUSG00000074291	9.196874066	2.782468975	9.179963621	7.249119049	6.445751277
ENSMUSG00000074292	9.904325918	9.043024169	13.41686991	5.638203705	5.013362104
ENSMUSG00000074300	9.196874066	6.260555194	11.29841676	4.832746033	7.161945863
ENSMUSG00000074302	12.02668147	11.1298759	7.767661525	6.443661377	7.161945863
ENSMUSG00000074322	8.489422215	6.260555194	6.35535943	14.4982381	4.297167518



ENSMUSG00000074343	9.196874066	4.173703463	6.35535943	8.054576721	5.729556691
ENSMUSG00000074346	10.61177777	4.173703463	3.530755239	6.443661377	6.445751277
ENSMUSG00000074354	9.196874066	3.478086219	8.473812573	6.443661377	5.013362104
ENSMUSG00000074373	4.244711108	6.956172438	9.179963621	4.02728836	8.594335036
ENSMUSG00000074388	24.05336294	52.86691053	31.77679715	22.55281482	19.33725383
ENSMUSG00000074398	26.88317035	31.99839321	23.30298458	15.30369577	17.90486466
ENSMUSG00000074404	11.31922962	8.347406925	9.886114669	6.443661377	6.445751277
ENSMUSG00000074412	8.489422215	2.782468975	4.943057334	7.249119049	4.297167518
ENSMUSG00000074415	13.44158517	6.956172438	3.530755239	4.02728836	6.445751277
ENSMUSG00000074418	12.02668147	11.1298759	7.061510478	7.249119049	10.7429188
ENSMUSG00000074420	7.781970364	6.956172438	3.530755239	5.638203705	6.445751277
ENSMUSG00000074429	7.074518513	6.956172438	6.35535943	8.054576721	7.161945863
ENSMUSG00000074434	10.61177777	6.260555194	9.886114669	3.221830688	7.161945863
ENSMUSG00000074436	13.44158517	7.651789682	4.943057334	3.221830688	3.580972932
ENSMUSG00000074439	16.27139258	6.260555194	14.829172	4.02728836	7.161945863
ENSMUSG00000074442	9.904325918	5.56493795	2.824604191	1.610915344	7.87814045
ENSMUSG00000074465	7.074518513	5.56493795	9.179963621	3.221830688	10.02672421
ENSMUSG00000074466	30.4204296	43.12826911	46.60596915	34.6346799	29.36397804
ENSMUSG00000074467	6.367066661	6.260555194	4.943057334	9.665492065	10.02672421
ENSMUSG00000074469	9.196874066	5.56493795	6.35535943	8.860034393	5.729556691
ENSMUSG00000074480	8.489422215	16.69481385	13.41686991	8.860034393	10.02672421
ENSMUSG00000074482	11.31922962	9.738641413	9.886114669	5.638203705	9.310529622
ENSMUSG00000074485	4.952162959	8.347406925	9.179963621	4.02728836	10.7429188
ENSMUSG00000074501	8.489422215	5.56493795	9.179963621	4.02728836	7.87814045
ENSMUSG00000074506	18.39374813	10.43425866	7.061510478	8.860034393	4.297167518
ENSMUSG00000074507	16.27139258	7.651789682	4.943057334	8.860034393	7.87814045
ENSMUSG00000074508	6.367066661	6.956172438	7.061510478	4.832746033	5.013362104
ENSMUSG00000074517	6.367066661	2.782468975	6.35535943	7.249119049	5.729556691
ENSMUSG00000074547	7.074518513	7.651789682	9.886114669	11.27640741	12.17530797
ENSMUSG00000074553	9.196874066	4.869320706	8.473812573	11.27640741	7.161945863
ENSMUSG00000074555	7.781970364	3.478086219	5.649208382	7.249119049	8.594335036
ENSMUSG00000074564	87.01657771	95.99517964	90.38733411	77.32393652	87.37573953
ENSMUSG00000074589	11.31922962	6.260555194	9.886114669	4.832746033	6.445751277
ENSMUSG00000074592	9.904325918	4.173703463	7.767661525	2.416373016	7.87814045
ENSMUSG00000074620	6.367066661	11.1298759	14.12302096	8.860034393	9.310529622
ENSMUSG00000074649	30.4204296	46.60635533	58.61053696	96.65492065	85.94335036
ENSMUSG00000074680	13.44158517	4.173703463	7.061510478	9.665492065	9.310529622
ENSMUSG00000074704	7.074518513	9.738641413	7.767661525	3.221830688	9.310529622
ENSMUSG00000074733	61.54831106	89.73462445	79.7950684	80.54576721	63.0251236
ENSMUSG00000074735	9.904325918	7.651789682	5.649208382	6.443661377	3.580972932
ENSMUSG00000074737	7.781970364	4.869320706	7.767661525	2.416373016	7.161945863
ENSMUSG00000074753	8.489422215	4.869320706	8.473812573	3.221830688	7.161945863
ENSMUSG00000074758	10.61177777	9.043024169	8.473812573	14.4982381	10.02672421

ENSMUSG00000074763	14.85648888	9.738641413	8.473812573	3.221830688	6.445751277
ENSMUSG00000074776	12.73413332	9.738641413	9.179963621	6.443661377	5.013362104
ENSMUSG00000074780	12.02668147	4.173703463	7.061510478	4.832746033	7.87814045
ENSMUSG00000074782	3.537259256	5.56493795	4.236906287	3.221830688	5.013362104
ENSMUSG00000074783	7.074518513	17.39043109	21.89068248	15.30369577	10.7429188
ENSMUSG00000074785	10.61177777	26.43345526	16.94762515	68.46390213	45.12025894
ENSMUSG00000074800	0	0.695617244	0	0	0.716194586
ENSMUSG00000074804	9.196874066	6.956172438	8.473812573	8.860034393	7.161945863
ENSMUSG00000074805	8.489422215	9.738641413	4.236906287	7.249119049	7.161945863
ENSMUSG00000074813	8.489422215	10.43425866	7.061510478	23.35827249	17.18867007
ENSMUSG00000074830	9.196874066	4.869320706	6.35535943	1.610915344	3.580972932
ENSMUSG00000074837	12.02668147	6.956172438	8.473812573	7.249119049	2.148583759
ENSMUSG00000074841	9.196874066	9.043024169	12.00456781	7.249119049	3.580972932
ENSMUSG00000074846	89.13893326	130.0804246	108.0411103	133.7059736	120.3206905
ENSMUSG00000074852	10.61177777	5.56493795	5.649208382	5.638203705	7.87814045
ENSMUSG00000074863	11.31922962	11.82549314	11.29841676	10.47094974	5.729556691
ENSMUSG00000074865	11.31922962	8.347406925	13.41686991	8.860034393	11.45911338
ENSMUSG00000074868	14.85648888	13.91234488	14.12302096	18.52552646	21.48583759
ENSMUSG00000074876	31.12788146	47.30197258	55.78593277	86.18397091	90.95671247
ENSMUSG00000074877	8.489422215	4.173703463	2.824604191	7.249119049	3.580972932
ENSMUSG00000074885	7.781970364	11.82549314	4.943057334	4.02728836	12.17530797
ENSMUSG00000074887	12.73413332	7.651789682	10.59226572	7.249119049	3.580972932
ENSMUSG00000074899	7.781970364	6.956172438	9.179963621	4.832746033	7.87814045
ENSMUSG00000074903	12.02668147	9.043024169	10.59226572	8.860034393	11.45911338
ENSMUSG00000074912	7.074518513	8.347406925	6.35535943	7.249119049	7.161945863
ENSMUSG00000074918	24.05336294	21.56413456	36.71985448	17.72006879	23.63442135
ENSMUSG00000074922	29.0055259	57.04061399	50.84287544	87.79488626	71.61945863
ENSMUSG00000074930	9.904325918	7.651789682	8.473812573	4.832746033	11.45911338
ENSMUSG00000074939	4.952162959	11.82549314	5.649208382	8.860034393	5.729556691
ENSMUSG00000074943	9.196874066	4.869320706	5.649208382	3.221830688	11.45911338
ENSMUSG00000074945	9.904325918	6.260555194	9.179963621	10.47094974	8.594335036
ENSMUSG00000074946	5.65961481	7.651789682	3.530755239	4.832746033	5.729556691
ENSMUSG00000074947	9.904325918	11.1298759	6.35535943	4.832746033	6.445751277
ENSMUSG00000074951	7.074518513	11.82549314	8.473812573	3.221830688	10.02672421
ENSMUSG00000074952	11.31922962	4.869320706	12.71071886	4.02728836	5.013362104
ENSMUSG00000074955	11.31922962	10.43425866	11.29841676	1.610915344	8.594335036
ENSMUSG00000074957	6.367066661	9.738641413	6.35535943	1.610915344	9.310529622
ENSMUSG00000074965	9.196874066	9.738641413	7.767661525	5.638203705	7.87814045
ENSMUSG00000074966	2.122355554	1.391234488	1.412302096	0.805457672	1.432389173
ENSMUSG00000074970	4.952162959	8.347406925	8.473812573	3.221830688	5.013362104
ENSMUSG00000074973	9.196874066	8.347406925	10.59226572	6.443661377	5.013362104
ENSMUSG00000074978	0	0.695617244	0	0.805457672	0
ENSMUSG00000074981	16.27139258	25.04222078	24.00913562	24.16373016	30.08017263

ENSMUSG00000074985	13.44158517	8.347406925	10.59226572	2.416373016	9.310529622
ENSMUSG00000074987	2.829807405	2.086851731	1.412302096	0.805457672	1.432389173
ENSMUSG00000074995	11.31922962	10.43425866	6.35535943	4.02728836	5.729556691
ENSMUSG00000075006	9.196874066	13.91234488	7.061510478	4.02728836	5.729556691
ENSMUSG00000075014	688.3506513	686.5742196	694.852631	747.4647197	690.4115812
ENSMUSG00000075015	681.9835846	686.5742196	680.023459	707.9972938	681.8172462
ENSMUSG00000075020	4.952162959	4.173703463	8.473812573	3.221830688	6.445751277
ENSMUSG00000075025	193.8418072	238.5967146	225.9683353	244.0536746	200.5344842
ENSMUSG00000075027	55.88869625	59.82308296	69.90895373	39.46742593	37.24211849
ENSMUSG00000075029	5.65961481	5.56493795	7.061510478	3.221830688	9.310529622
ENSMUSG00000075036	9.904325918	3.478086219	11.29841676	8.054576721	9.310529622
ENSMUSG00000075042	9.904325918	11.1298759	8.473812573	8.054576721	7.161945863
ENSMUSG00000075046	92.67619252	61.21431745	66.37819849	62.82569842	73.05184781
ENSMUSG00000075061	10.61177777	6.260555194	7.061510478	4.832746033	8.594335036
ENSMUSG00000075062	12.02668147	7.651789682	9.886114669	4.832746033	4.297167518
ENSMUSG00000075063	7.781970364	12.52111039	8.473812573	8.860034393	5.729556691
ENSMUSG00000075065	12.73413332	6.260555194	6.35535943	2.416373016	7.161945863
ENSMUSG00000075066	6.367066661	7.651789682	9.886114669	1.610915344	7.161945863
ENSMUSG00000075067	9.196874066	6.956172438	9.886114669	8.054576721	5.013362104
ENSMUSG00000075069	13.44158517	8.347406925	5.649208382	8.054576721	5.013362104
ENSMUSG00000075070	9.904325918	13.91234488	14.829172	12.88732275	16.47247549
ENSMUSG00000075072	7.074518513	4.173703463	5.649208382	6.443661377	2.864778345
ENSMUSG00000075075	12.02668147	9.043024169	10.59226572	4.832746033	7.87814045
ENSMUSG00000075079	7.074518513	5.56493795	6.35535943	5.638203705	7.161945863
ENSMUSG00000075084	9.904325918	7.651789682	6.35535943	6.443661377	7.161945863
ENSMUSG00000075086	9.196874066	9.043024169	2.824604191	5.638203705	4.297167518
ENSMUSG00000075088	2.829807405	11.82549314	5.649208382	5.638203705	8.594335036
ENSMUSG00000075089	14.85648888	5.56493795	10.59226572	6.443661377	7.87814045
ENSMUSG00000075091	10.61177777	7.651789682	4.236906287	3.221830688	4.297167518
ENSMUSG00000075092	7.781970364	7.651789682	7.061510478	2.416373016	5.729556691
ENSMUSG00000075093	9.904325918	8.347406925	4.236906287	3.221830688	2.864778345
ENSMUSG00000075094	12.73413332	9.738641413	4.236906287	5.638203705	10.02672421
ENSMUSG00000075097	9.196874066	9.738641413	9.179963621	4.02728836	6.445751277
ENSMUSG00000075099	9.196874066	4.173703463	7.767661525	1.610915344	3.580972932
ENSMUSG00000075100	7.781970364	6.956172438	4.236906287	2.416373016	9.310529622
ENSMUSG00000075102	4.244711108	8.347406925	7.061510478	3.221830688	6.445751277
ENSMUSG00000075104	9.904325918	6.956172438	8.473812573	1.610915344	4.297167518
ENSMUSG00000075105	7.074518513	9.738641413	7.767661525	4.832746033	3.580972932
ENSMUSG00000075107	10.61177777	7.651789682	4.236906287	3.221830688	7.87814045
ENSMUSG00000075110	10.61177777	10.43425866	5.649208382	8.054576721	8.594335036
ENSMUSG00000075112	6.367066661	9.738641413	7.767661525	3.221830688	2.864778345
ENSMUSG00000075113	6.367066661	3.478086219	7.767661525	5.638203705	5.013362104
ENSMUSG00000075114	9.904325918	9.043024169	4.943057334	2.416373016	2.864778345

ENSMUSG00000075115	7.781970364	7.651789682	7.061510478	3.221830688	3.580972932
ENSMUSG00000075116	5.65961481	1.391234488	4.943057334	5.638203705	2.864778345
ENSMUSG00000075117	8.489422215	7.651789682	8.473812573	2.416373016	4.297167518
ENSMUSG00000075119	4.952162959	7.651789682	7.767661525	1.610915344	5.729556691
ENSMUSG00000075120	10.61177777	2.086851731	9.179963621	6.443661377	7.161945863
ENSMUSG00000075121	12.73413332	6.260555194	6.35535943	4.832746033	5.729556691
ENSMUSG00000075124	4.952162959	4.173703463	6.35535943	2.416373016	5.729556691
ENSMUSG00000075125	10.61177777	5.56493795	7.061510478	4.832746033	4.297167518
ENSMUSG00000075126	9.904325918	6.956172438	7.061510478	8.860034393	5.013362104
ENSMUSG00000075127	5.65961481	6.956172438	4.943057334	5.638203705	10.02672421
ENSMUSG00000075128	8.489422215	5.56493795	4.943057334	4.02728836	5.729556691
ENSMUSG00000075132	7.074518513	6.260555194	9.886114669	4.832746033	2.148583759
ENSMUSG00000075133	10.61177777	6.956172438	4.236906287	4.832746033	5.729556691
ENSMUSG00000075136	11.31922962	9.738641413	4.943057334	4.832746033	7.87814045
ENSMUSG00000075137	9.904325918	6.260555194	10.59226572	4.02728836	7.161945863
ENSMUSG00000075140	7.074518513	2.086851731	1.412302096	4.02728836	4.297167518
ENSMUSG00000075141	9.904325918	13.21672763	3.530755239	1.610915344	5.013362104
ENSMUSG00000075142	7.781970364	9.043024169	10.59226572	0.805457672	5.729556691
ENSMUSG00000075143	8.489422215	4.869320706	2.824604191	6.443661377	7.87814045
ENSMUSG00000075144	9.904325918	10.43425866	7.767661525	8.054576721	6.445751277
ENSMUSG00000075145	7.074518513	9.738641413	2.824604191	0.805457672	8.594335036
ENSMUSG00000075146	9.196874066	5.56493795	5.649208382	2.416373016	3.580972932
ENSMUSG00000075148	7.781970364	3.478086219	2.824604191	4.02728836	5.729556691
ENSMUSG00000075149	12.02668147	11.82549314	9.179963621	3.221830688	3.580972932
ENSMUSG00000075150	6.367066661	9.043024169	8.473812573	4.832746033	7.87814045
ENSMUSG00000075151	8.489422215	11.1298759	4.236906287	4.02728836	2.864778345
ENSMUSG00000075153	9.196874066	9.043024169	7.767661525	4.02728836	9.310529622
ENSMUSG00000075154	2.829807405	2.782468975	1.412302096	0.805457672	3.580972932
ENSMUSG00000075155	6.367066661	7.651789682	7.767661525	1.610915344	3.580972932
ENSMUSG00000075156	1.414903703	0.695617244	3.530755239	1.610915344	2.864778345
ENSMUSG00000075158	8.489422215	6.956172438	6.35535943	0.805457672	5.729556691
ENSMUSG00000075159	11.31922962	5.56493795	6.35535943	2.416373016	6.445751277
ENSMUSG00000075160	10.61177777	9.043024169	9.179963621	4.02728836	7.161945863
ENSMUSG00000075161	7.074518513	6.260555194	10.59226572	5.638203705	6.445751277
ENSMUSG00000075162	29.71297775	54.95376226	49.43057334	20.94189947	35.09353473
ENSMUSG00000075163	10.61177777	11.82549314	7.767661525	4.832746033	5.729556691
ENSMUSG00000075164	6.367066661	5.56493795	7.767661525	3.221830688	4.297167518
ENSMUSG00000075165	6.367066661	6.956172438	9.886114669	5.638203705	5.729556691
ENSMUSG00000075166	7.074518513	5.56493795	9.886114669	11.27640741	10.7429188
ENSMUSG00000075167	6.367066661	6.260555194	5.649208382	4.832746033	6.445751277
ENSMUSG00000075168	7.074518513	11.1298759	11.29841676	3.221830688	7.161945863
ENSMUSG00000075171	8.489422215	6.956172438	7.061510478	3.221830688	3.580972932
ENSMUSG00000075172	7.781970364	8.347406925	3.530755239	1.610915344	5.729556691

ENSMUSG00000075173	11.31922962	8.347406925	4.943057334	6.443661377	5.013362104
ENSMUSG00000075174	13.44158517	9.738641413	6.35535943	6.443661377	5.013362104
ENSMUSG00000075175	7.074518513	6.956172438	2.824604191	4.02728836	6.445751277
ENSMUSG00000075176	9.196874066	6.260555194	2.824604191	4.832746033	7.161945863
ENSMUSG00000075177	10.61177777	2.782468975	11.29841676	3.221830688	7.161945863
ENSMUSG00000075178	7.074518513	10.43425866	9.886114669	4.02728836	8.594335036
ENSMUSG00000075181	13.44158517	5.56493795	8.473812573	2.416373016	10.02672421
ENSMUSG00000075182	3.537259256	6.956172438	6.35535943	2.416373016	4.297167518
ENSMUSG00000075185	7.074518513	6.260555194	9.886114669	4.02728836	5.013362104
ENSMUSG00000075186	7.781970364	8.347406925	11.29841676	10.47094974	7.161945863
ENSMUSG00000075187	8.489422215	9.043024169	5.649208382	4.02728836	7.87814045
ENSMUSG00000075188	7.074518513	6.956172438	5.649208382	5.638203705	2.864778345
ENSMUSG00000075189	7.781970364	8.347406925	8.473812573	7.249119049	10.7429188
ENSMUSG00000075190	7.781970364	6.260555194	7.767661525	0	5.729556691
ENSMUSG00000075192	8.489422215	5.56493795	4.943057334	1.610915344	2.864778345
ENSMUSG00000075193	9.904325918	6.260555194	5.649208382	5.638203705	6.445751277
ENSMUSG00000075194	7.781970364	8.347406925	4.236906287	6.443661377	3.580972932
ENSMUSG00000075195	9.904325918	8.347406925	7.767661525	5.638203705	5.729556691
ENSMUSG00000075196	7.781970364	4.173703463	5.649208382	5.638203705	3.580972932
ENSMUSG00000075197	9.904325918	11.1298759	9.886114669	7.249119049	7.161945863
ENSMUSG00000075198	4.244711108	6.956172438	8.473812573	5.638203705	3.580972932
ENSMUSG00000075199	11.31922962	5.56493795	12.71071886	6.443661377	8.594335036
ENSMUSG00000075200	4.244711108	4.869320706	7.061510478	2.416373016	7.161945863
ENSMUSG00000075201	4.244711108	5.56493795	2.824604191	2.416373016	2.148583759
ENSMUSG00000075202	6.367066661	4.173703463	4.943057334	2.416373016	2.148583759
ENSMUSG00000075203	8.489422215	4.869320706	7.767661525	7.249119049	5.013362104
ENSMUSG00000075204	8.489422215	10.43425866	6.35535943	4.02728836	6.445751277
ENSMUSG00000075205	5.65961481	7.651789682	11.29841676	1.610915344	10.02672421
ENSMUSG00000075206	8.489422215	11.1298759	7.767661525	3.221830688	2.864778345
ENSMUSG00000075208	8.489422215	6.956172438	8.473812573	4.832746033	4.297167518
ENSMUSG00000075209	9.196874066	6.260555194	8.473812573	4.02728836	7.161945863
ENSMUSG00000075210	11.31922962	5.56493795	8.473812573	7.249119049	5.729556691
ENSMUSG00000075212	12.73413332	2.086851731	6.35535943	4.832746033	7.161945863
ENSMUSG00000075214	9.196874066	11.82549314	6.35535943	6.443661377	4.297167518
ENSMUSG00000075215	6.367066661	11.1298759	7.061510478	1.610915344	7.161945863
ENSMUSG00000075219	7.781970364	9.738641413	5.649208382	3.221830688	3.580972932
ENSMUSG00000075220	6.367066661	7.651789682	4.236906287	5.638203705	9.310529622
ENSMUSG00000075221	14.14903703	8.347406925	11.29841676	8.054576721	6.445751277
ENSMUSG00000075228	7.074518513	7.651789682	5.649208382	8.860034393	10.7429188
ENSMUSG00000075245	12.02668147	5.56493795	8.473812573	7.249119049	5.729556691
ENSMUSG00000075256	0	0.695617244	0	0	0
ENSMUSG00000075265	13.44158517	29.91154148	28.95219296	13.69278043	20.05344842
ENSMUSG00000075268	21.93100739	27.82468975	26.83373982	30.60739154	37.95831308

ENSMUSG00000075276	7.781970364	13.21672763	4.943057334	19.33098413	22.20203218
ENSMUSG00000075277	5.65961481	6.956172438	8.473812573	5.638203705	6.445751277
ENSMUSG00000075279	9.196874066	6.260555194	4.236906287	5.638203705	4.297167518
ENSMUSG00000075286	7.074518513	6.956172438	7.061510478	8.860034393	10.02672421
ENSMUSG00000075288	7.781970364	7.651789682	6.35535943	8.054576721	10.02672421
ENSMUSG00000075312	9.904325918	6.956172438	7.767661525	6.443661377	11.45911338
ENSMUSG00000075314	11.31922962	8.347406925	8.473812573	4.832746033	5.013362104
ENSMUSG00000075325	6.367066661	7.651789682	5.649208382	7.249119049	9.310529622
ENSMUSG00000075335	4.244711108	6.956172438	6.35535943	2.416373016	7.161945863
ENSMUSG00000075359	14.85648888	18.78166558	20.47838039	18.52552646	20.769643
ENSMUSG00000075377	2.122355554	3.478086219	3.530755239	2.416373016	0
ENSMUSG00000075378	6.367066661	5.56493795	4.236906287	4.02728836	7.87814045
ENSMUSG00000075379	12.73413332	11.1298759	10.59226572	5.638203705	12.17530797
ENSMUSG00000075380	8.489422215	4.869320706	4.236906287	4.02728836	10.7429188
ENSMUSG00000075382	8.489422215	9.738641413	8.473812573	4.832746033	4.297167518
ENSMUSG00000075383	7.074518513	6.260555194	8.473812573	4.02728836	6.445751277
ENSMUSG00000075384	5.65961481	7.651789682	5.649208382	4.02728836	8.594335036
ENSMUSG00000075387	8.489422215	10.43425866	14.829172	9.665492065	7.87814045
ENSMUSG00000075389	3.537259256	5.56493795	5.649208382	8.860034393	4.297167518
ENSMUSG00000075390	12.73413332	3.478086219	9.179963621	6.443661377	5.729556691
ENSMUSG00000075391	9.904325918	10.43425866	5.649208382	12.88732275	8.594335036
ENSMUSG00000075408	14.14903703	13.91234488	17.65377619	5.638203705	11.45911338
ENSMUSG00000075416	7.781970364	6.956172438	8.473812573	3.221830688	1.432389173
ENSMUSG00000075431	6.367066661	10.43425866	5.649208382	4.02728836	6.445751277
ENSMUSG00000075437	4.952162959	7.651789682	6.35535943	8.054576721	7.87814045
ENSMUSG00000075463	16.97884443	27.82468975	20.47838039	28.9964762	21.48583759
ENSMUSG00000075469	4.244711108	7.651789682	5.649208382	4.832746033	3.580972932
ENSMUSG00000075480	19.80865184	36.17209668	32.4829482	54.7711217	55.14698315
ENSMUSG00000075485	7.781970364	7.651789682	8.473812573	7.249119049	12.17530797
ENSMUSG00000075511	6.367066661	10.43425866	10.59226572	5.638203705	7.161945863
ENSMUSG00000075512	10.61177777	5.56493795	10.59226572	5.638203705	5.729556691
ENSMUSG00000075514	7.074518513	20.86851731	20.47838039	37.05105292	22.91822676
ENSMUSG00000075520	8.489422215	5.56493795	7.061510478	4.832746033	2.864778345
ENSMUSG00000075525	9.904325918	7.651789682	4.943057334	4.02728836	7.161945863
ENSMUSG00000075529	2.122355554	1.391234488	2.824604191	0	1.432389173
ENSMUSG00000075534	4.244711108	5.56493795	6.35535943	2.416373016	5.013362104
ENSMUSG00000075538	7.074518513	6.260555194	6.35535943	8.054576721	9.310529622
ENSMUSG00000075555	10.61177777	4.869320706	4.943057334	3.221830688	5.013362104
ENSMUSG00000075558	37.49494812	22.95536904	29.65834401	64.43661377	34.37734014
ENSMUSG00000075573	8.489422215	6.956172438	8.473812573	6.443661377	6.445751277
ENSMUSG00000075576	51.64398514	76.51789682	75.55816211	167.5351958	133.2121931
ENSMUSG00000075581	5.65961481	6.956172438	7.767661525	5.638203705	10.02672421
ENSMUSG00000075585	7.074518513	2.086851731	4.236906287	4.02728836	5.013362104

ENSMUSG00000075586	8.489422215	11.1298759	10.59226572	6.443661377	7.87814045
ENSMUSG00000075587	12.73413332	7.651789682	7.061510478	8.054576721	3.580972932
ENSMUSG00000075589	6.367066661	4.869320706	8.473812573	8.054576721	7.161945863
ENSMUSG00000075609	19.80865184	16.69481385	15.53532305	48.32746033	30.08017263
ENSMUSG00000075611	7.074518513	6.260555194	9.179963621	2.416373016	7.87814045
ENSMUSG00000075719	5.65961481	4.869320706	9.179963621	5.638203705	7.161945863
ENSMUSG00000075726	0	0	0	0	0
ENSMUSG00000075760	6.367066661	6.260555194	4.943057334	7.249119049	5.729556691
ENSMUSG00000075770	0	0	0	0	0
ENSMUSG00000075826	12.02668147	6.260555194	7.767661525	7.249119049	5.013362104
ENSMUSG00000075829	7.781970364	15.99919661	8.473812573	5.638203705	8.594335036
ENSMUSG00000075832	9.196874066	4.869320706	4.943057334	7.249119049	2.148583759
ENSMUSG00000075833	12.73413332	5.56493795	7.767661525	4.832746033	7.87814045
ENSMUSG00000075837	65.79302217	163.4700523	129.9317928	91.01671695	95.25387998
ENSMUSG00000075864	4.952162959	6.956172438	7.767661525	10.47094974	5.013362104
ENSMUSG00000075874	6.367066661	1.391234488	4.236906287	2.416373016	4.297167518
ENSMUSG00000075893	9.196874066	7.651789682	12.00456781	4.832746033	5.013362104
ENSMUSG00000075903	7.074518513	9.738641413	3.530755239	5.638203705	6.445751277
ENSMUSG00000075906	12.73413332	11.1298759	7.767661525	6.443661377	7.87814045
ENSMUSG00000075908	20.51610369	38.95456565	28.95219296	14.4982381	20.769643
ENSMUSG00000075918	4.244711108	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000075934	12.02668147	9.738641413	9.886114669	2.416373016	5.013362104
ENSMUSG00000075952	14.85648888	9.043024169	3.530755239	4.832746033	5.013362104
ENSMUSG00000075958	9.196874066	7.651789682	12.00456781	6.443661377	8.594335036
ENSMUSG00000075968	0	0	0	0	0
ENSMUSG00000075973	8.489422215	10.43425866	7.061510478	5.638203705	5.729556691
ENSMUSG00000075983	3.537259256	2.086851731	3.530755239	4.02728836	1.432389173
ENSMUSG00000076005	0	0	0.706151048	0	0
ENSMUSG00000076006	0	0	0	0	0
ENSMUSG00000076009	8.489422215	9.738641413	12.00456781	22.55281482	25.78300511
ENSMUSG00000076010	4.952162959	1.391234488	1.412302096	0.805457672	2.148583759
ENSMUSG00000076011	8.489422215	5.56493795	12.71071886	9.665492065	7.87814045
ENSMUSG00000076012	4.244711108	4.869320706	8.473812573	4.832746033	8.594335036
ENSMUSG00000076014	0	0	0	0	0
ENSMUSG00000076028	0	0	0	0	0
ENSMUSG00000076030	11.31922962	9.043024169	4.943057334	2.416373016	4.297167518
ENSMUSG00000076031	1.414903703	1.391234488	0.706151048	1.610915344	1.432389173
ENSMUSG00000076033	1.414903703	0	1.412302096	2.416373016	2.148583759
ENSMUSG00000076036	7.781970364	13.21672763	11.29841676	12.08186508	8.594335036
ENSMUSG00000076037	1.414903703	0	0	0	0.716194586
ENSMUSG00000076038	1.414903703	3.478086219	3.530755239	0.805457672	0
ENSMUSG00000076039	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000076041	0	0	0	0	0

ENSMUSG00000076042	11.31922962	7.651789682	6.35535943	6.443661377	11.45911338
ENSMUSG00000076049	7.074518513	5.56493795	4.943057334	3.221830688	2.864778345
ENSMUSG00000076050	0	0	0	0	0
ENSMUSG00000076051	10.61177777	15.99919661	16.2414741	28.9964762	28.64778345
ENSMUSG00000076052	0	0	0	0	0
ENSMUSG00000076060	55.88869625	92.51709342	83.32582364	224.7226905	191.9401491
ENSMUSG00000076062	0	0.695617244	0.706151048	0.805457672	1.432389173
ENSMUSG00000076063	0	0	0	0	0
ENSMUSG00000076064	9.196874066	4.173703463	7.061510478	4.832746033	8.594335036
ENSMUSG00000076065	12.73413332	13.21672763	10.59226572	7.249119049	10.7429188
ENSMUSG00000076066	0	4.173703463	7.767661525	4.02728836	5.013362104
ENSMUSG00000076067	7.781970364	4.869320706	9.886114669	2.416373016	5.729556691
ENSMUSG00000076068	6.367066661	8.347406925	4.943057334	8.054576721	7.161945863
ENSMUSG00000076117	8.489422215	2.782468975	6.35535943	7.249119049	7.87814045
ENSMUSG00000076118	0	0	0	0	0
ENSMUSG00000076119	4.952162959	5.56493795	7.767661525	6.443661377	3.580972932
ENSMUSG00000076120	14.14903703	5.56493795	5.649208382	4.832746033	3.580972932
ENSMUSG00000076121	7.781970364	20.17290007	17.65377619	13.69278043	17.18867007
ENSMUSG00000076122	0	0	0	0	0
ENSMUSG00000076123	13.44158517	8.347406925	4.236906287	7.249119049	7.87814045
ENSMUSG00000076126	0	0	0	0	0
ENSMUSG00000076127	0	0	0	0	0
ENSMUSG00000076128	4.244711108	9.738641413	6.35535943	26.58010318	22.20203218
ENSMUSG00000076129	0.707451851	0	0	0.805457672	0.716194586
ENSMUSG00000076135	12.73413332	9.043024169	8.473812573	8.860034393	4.297167518
ENSMUSG00000076136	7.074518513	7.651789682	5.649208382	9.665492065	8.594335036
ENSMUSG00000076137	12.73413332	10.43425866	9.886114669	13.69278043	10.02672421
ENSMUSG00000076138	15.56394073	33.3896277	28.24604191	214.2517408	150.4008631
ENSMUSG00000076140	1.414903703	2.086851731	0.706151048	0	0.716194586
ENSMUSG00000076141	16.97884443	18.78166558	21.89068248	32.21830688	26.49919969
ENSMUSG00000076142	7.781970364	3.478086219	5.649208382	11.27640741	3.580972932
ENSMUSG00000076143	7.781970364	6.956172438	4.943057334	4.832746033	8.594335036
ENSMUSG00000076144	12.02668147	11.82549314	12.71071886	10.47094974	10.02672421
ENSMUSG00000076145	0	0	0	0	0
ENSMUSG00000076146	0	0	0	0	0
ENSMUSG00000076147	14.85648888	6.260555194	6.35535943	6.443661377	7.87814045
ENSMUSG00000076163	19.80865184	40.34580014	22.59683353	11.27640741	17.18867007
ENSMUSG00000076180	10.61177777	4.173703463	4.943057334	5.638203705	4.297167518
ENSMUSG00000076190	9.904325918	8.347406925	4.943057334	4.832746033	6.445751277
ENSMUSG00000076199	7.781970364	4.869320706	7.767661525	5.638203705	4.297167518
ENSMUSG00000076212	5.65961481	9.738641413	9.886114669	8.054576721	6.445751277
ENSMUSG00000076214	2.122355554	2.086851731	2.118453143	4.02728836	2.864778345
ENSMUSG00000076216	65.08557032	100.8645003	80.50121945	110.3477011	88.80812871



ENSMUSG00000076217	113.1922962	137.036597	105.2165061	240.0263863	189.7915654
ENSMUSG00000076218	12.73413332	8.347406925	14.12302096	8.860034393	7.161945863
ENSMUSG00000076219	0	0	0	0	0
ENSMUSG00000076222	0	0	0	0	0
ENSMUSG00000076227	0.707451851	0.695617244	0.706151048	0	0
ENSMUSG00000076228	0	0.695617244	1.412302096	0	0.716194586
ENSMUSG00000076229	5.65961481	6.260555194	8.473812573	5.638203705	7.161945863
ENSMUSG00000076230	0	0	0	0	0
ENSMUSG00000076231	0.707451851	0.695617244	2.118453143	0	0
ENSMUSG00000076232	0	0	0.706151048	0	0
ENSMUSG00000076233	0	0	0	0	0
ENSMUSG00000076234	1.414903703	0	0	0	0.716194586
ENSMUSG00000076236	0	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000076237	1.414903703	0	0	0	0
ENSMUSG00000076238	7.074518513	5.56493795	7.767661525	5.638203705	2.864778345
ENSMUSG00000076240	5.65961481	3.478086219	7.061510478	7.249119049	10.02672421
ENSMUSG00000076241	0	0	0	0	0
ENSMUSG00000076246	41.03220737	64.69240367	66.37819849	49.132918	54.43078856
ENSMUSG00000076251	0	0.695617244	0	1.610915344	0.716194586
ENSMUSG00000076252	2.122355554	0	0	0	0
ENSMUSG00000076253	7.074518513	5.56493795	4.943057334	4.832746033	5.013362104
ENSMUSG00000076255	0	0	0.706151048	0	0
ENSMUSG00000076256	0	0	0	0	0
ENSMUSG00000076258	53.05888884	74.43104508	54.37363068	53.16020636	47.2688427
ENSMUSG00000076269	0	0.695617244	0.706151048	0	1.432389173
ENSMUSG00000076270	29.71297775	45.21512085	36.71985448	35.44013757	21.48583759
ENSMUSG00000076271	13.44158517	6.260555194	10.59226572	8.860034393	6.445751277
ENSMUSG00000076272	0	0	0	0	0
ENSMUSG00000076274	7.781970364	6.260555194	7.061510478	10.47094974	4.297167518
ENSMUSG00000076275	2.829807405	1.391234488	1.412302096	1.610915344	0.716194586
ENSMUSG00000076281	31.12788146	39.6501829	28.24604191	24.16373016	28.64778345
ENSMUSG00000076282	12.73413332	9.738641413	7.767661525	5.638203705	5.729556691
ENSMUSG00000076284	9.904325918	11.1298759	12.00456781	4.832746033	5.729556691
ENSMUSG00000076286	3.537259256	4.173703463	7.061510478	5.638203705	2.148583759
ENSMUSG00000076287	17.68629628	29.21592424	25.42143772	48.32746033	44.40406435
ENSMUSG00000076288	0	0	0	0	0
ENSMUSG00000076294	7.074518513	5.56493795	4.943057334	6.443661377	6.445751277
ENSMUSG00000076300	7.781970364	6.956172438	4.943057334	7.249119049	6.445751277
ENSMUSG00000076303	9.904325918	6.956172438	9.179963621	6.443661377	12.17530797
ENSMUSG00000076304	9.904325918	18.78166558	11.29841676	8.860034393	7.87814045
ENSMUSG00000076305	8.489422215	8.347406925	11.29841676	4.02728836	6.445751277
ENSMUSG00000076309	4.952162959	7.651789682	7.767661525	6.443661377	8.594335036
ENSMUSG00000076312	10.61177777	7.651789682	7.767661525	8.054576721	3.580972932

ENSMUSG00000076313	0	0	0	0	0
ENSMUSG00000076315	15.56394073	26.43345526	38.83830763	27.38556085	25.78300511
ENSMUSG00000076316	4.952162959	4.173703463	6.35535943	2.416373016	7.161945863
ENSMUSG00000076318	6.367066661	6.956172438	7.767661525	4.832746033	11.45911338
ENSMUSG00000076320	11.31922962	11.1298759	11.29841676	7.249119049	4.297167518
ENSMUSG00000076323	9.904325918	8.347406925	12.00456781	7.249119049	4.297167518
ENSMUSG00000076327	7.781970364	2.782468975	6.35535943	4.02728836	6.445751277
ENSMUSG00000076332	8.489422215	9.738641413	14.12302096	4.02728836	4.297167518
ENSMUSG00000076333	0.707451851	0	0	0	0.716194586
ENSMUSG00000076335	10.61177777	3.478086219	7.061510478	7.249119049	3.580972932
ENSMUSG00000076337	2.829807405	1.391234488	0.706151048	0.805457672	3.580972932
ENSMUSG00000076338	0	0	0	0	0
ENSMUSG00000076343	12.73413332	11.82549314	9.886114669	7.249119049	9.310529622
ENSMUSG00000076355	11.31922962	5.56493795	8.473812573	0.805457672	7.161945863
ENSMUSG00000076357	3.537259256	0.695617244	0	2.416373016	0.716194586
ENSMUSG00000076360	9.904325918	14.60796212	16.2414741	13.69278043	13.60769714
ENSMUSG00000076361	6.367066661	6.260555194	5.649208382	4.02728836	10.02672421
ENSMUSG00000076364	220.0175257	295.6373286	269.7497002	500.994672	360.9620715
ENSMUSG00000076366	12.02668147	6.260555194	9.886114669	6.443661377	6.445751277
ENSMUSG00000076370	7.781970364	4.869320706	3.530755239	11.27640741	8.594335036
ENSMUSG00000076371	0	0.695617244	0.706151048	0	0
ENSMUSG00000076372	12.02668147	7.651789682	11.29841676	9.665492065	8.594335036
ENSMUSG00000076376	11.31922962	9.738641413	11.29841676	7.249119049	10.02672421
ENSMUSG00000076377	12.73413332	9.043024169	7.061510478	9.665492065	5.729556691
ENSMUSG00000076379	10.61177777	9.043024169	7.767661525	4.02728836	6.445751277
ENSMUSG00000076382	13.44158517	18.08604834	24.71528667	16.91461111	13.60769714
ENSMUSG00000076385	7.074518513	6.956172438	6.35535943	8.054576721	5.729556691
ENSMUSG00000076387	15.56394073	13.21672763	24.00913562	16.10915344	20.05344842
ENSMUSG00000076389	0	0	0	0	0
ENSMUSG00000076392	145.7350814	192.6859765	204.7838039	94.23854763	105.2806042
ENSMUSG00000076394	12.02668147	5.56493795	4.236906287	4.02728836	6.445751277
ENSMUSG00000076395	6.367066661	6.956172438	12.00456781	5.638203705	9.310529622
ENSMUSG00000076396	0	1.391234488	0	0	0.716194586
ENSMUSG00000076398	5.65961481	2.782468975	6.35535943	0.805457672	4.297167518
ENSMUSG00000076399	0	0	0	0	0
ENSMUSG00000076407	9.196874066	6.260555194	8.473812573	2.416373016	5.013362104
ENSMUSG00000076424	7.074518513	13.91234488	8.473812573	8.860034393	6.445751277
ENSMUSG00000076444	29.0055259	48.69320706	34.60140134	26.58010318	45.12025894
ENSMUSG00000076445	0	1.391234488	1.412302096	0	0
ENSMUSG00000076448	4.952162959	6.956172438	7.061510478	7.249119049	5.013362104
ENSMUSG00000076450	11.31922962	9.738641413	8.473812573	10.47094974	7.87814045
ENSMUSG00000076451	7.781970364	6.956172438	6.35535943	6.443661377	7.161945863
ENSMUSG00000076453	10.61177777	6.260555194	7.061510478	4.02728836	9.310529622

ENSMUSG00000076454	9.904325918	9.738641413	15.53532305	15.30369577	22.20203218
ENSMUSG00000076455	5.65961481	5.56493795	3.530755239	7.249119049	3.580972932
ENSMUSG00000076456	0.707451851	0	1.412302096	0.805457672	0
ENSMUSG00000076457	8.489422215	5.56493795	7.061510478	6.443661377	5.013362104
ENSMUSG00000076458	5.65961481	2.782468975	2.118453143	0.805457672	1.432389173
ENSMUSG00000076459	0	0	0	0	0
ENSMUSG00000076460	21.22355554	28.52030699	26.12758877	18.52552646	26.49919969
ENSMUSG00000076461	9.904325918	4.173703463	10.59226572	6.443661377	5.013362104
ENSMUSG00000076462	1.414903703	0.695617244	0	2.416373016	0
ENSMUSG00000076463	1.414903703	0.695617244	2.118453143	0.805457672	1.432389173
ENSMUSG00000076464	6.367066661	7.651789682	7.061510478	1.610915344	7.161945863
ENSMUSG00000076465	7.074518513	6.956172438	5.649208382	3.221830688	2.864778345
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ENSMUSG00000076469	6.367066661	6.956172438	5.649208382	4.02728836	2.148583759
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ENSMUSG00000076471	6.367066661	6.956172438	6.35535943	8.054576721	3.580972932
ENSMUSG00000076472	9.196874066	8.347406925	4.943057334	6.443661377	7.87814045
ENSMUSG00000076473	9.196874066	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG00000076474	11.31922962	5.56493795	7.767661525	8.054576721	3.580972932
ENSMUSG00000076475	7.781970364	4.173703463	5.649208382	6.443661377	5.729556691
ENSMUSG00000076476	11.31922962	4.869320706	9.179963621	1.610915344	5.013362104
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ENSMUSG00000076478	8.489422215	10.43425866	6.35535943	5.638203705	3.580972932
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ENSMUSG00000076498	5.65961481	8.347406925	5.649208382	3.221830688	6.445751277
ENSMUSG00000076499	5.65961481	10.43425866	2.824604191	4.832746033	3.580972932
ENSMUSG00000076500	10.61177777	5.56493795	12.00456781	3.221830688	10.02672421

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ENSMUSG00000076512	12.73413332	8.347406925	8.473812573	4.832746033	7.161945863
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ENSMUSG00000076523	9.904325918	5.56493795	7.061510478	4.02728836	5.729556691
ENSMUSG00000076525	6.367066661	7.651789682	7.061510478	4.832746033	4.297167518
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ENSMUSG00000076531	8.489422215	5.56493795	4.236906287	4.02728836	10.02672421
ENSMUSG00000076532	8.489422215	4.173703463	7.767661525	3.221830688	5.013362104
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ENSMUSG00000076535	17.68629628	11.82549314	12.00456781	6.443661377	3.580972932
ENSMUSG00000076536	9.196874066	6.956172438	9.179963621	8.054576721	10.02672421
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ENSMUSG00000076539	17.68629628	23.65098629	22.59683353	8.860034393	7.87814045
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ENSMUSG00000076541	9.196874066	10.43425866	12.00456781	6.443661377	10.7429188
ENSMUSG00000076543	12.73413332	4.869320706	6.35535943	7.249119049	2.148583759
ENSMUSG00000076545	6.367066661	7.651789682	8.473812573	5.638203705	6.445751277
ENSMUSG00000076547	4.244711108	7.651789682	4.943057334	5.638203705	5.013362104
ENSMUSG00000076548	9.196874066	8.347406925	7.061510478	2.416373016	2.864778345
ENSMUSG00000076549	6.367066661	7.651789682	5.649208382	6.443661377	2.864778345
ENSMUSG00000076550	9.904325918	11.82549314	6.35535943	4.832746033	5.013362104
ENSMUSG00000076552	4.244711108	6.956172438	6.35535943	4.02728836	12.17530797
ENSMUSG00000076555	8.489422215	6.260555194	5.649208382	2.416373016	7.161945863
ENSMUSG00000076556	7.074518513	10.43425866	11.29841676	5.638203705	9.310529622
ENSMUSG00000076557	2.829807405	5.56493795	3.530755239	4.02728836	5.729556691
ENSMUSG00000076562	9.196874066	9.043024169	12.00456781	3.221830688	11.45911338
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ENSMUSG00000076564	11.31922962	9.738641413	16.94762515	9.665492065	8.594335036
ENSMUSG00000076569	11.31922962	7.651789682	10.59226572	3.221830688	3.580972932
ENSMUSG00000076570	7.781970364	9.043024169	7.767661525	3.221830688	7.161945863
ENSMUSG00000076571	7.074518513	6.956172438	6.35535943	4.832746033	2.864778345
ENSMUSG00000076572	7.781970364	10.43425866	8.473812573	4.832746033	7.87814045
ENSMUSG00000076573	7.781970364	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000076575	7.074518513	6.956172438	4.236906287	8.054576721	6.445751277
ENSMUSG00000076576	3.537259256	9.043024169	13.41686991	7.249119049	3.580972932
ENSMUSG00000076577	4.244711108	4.869320706	5.649208382	3.221830688	8.594335036
ENSMUSG00000076578	9.904325918	7.651789682	7.061510478	7.249119049	6.445751277

ENSMUSG00000076580	9.904325918	13.21672763	4.236906287	10.47094974	2.148583759
ENSMUSG00000076581	10.61177777	9.043024169	4.236906287	6.443661377	2.148583759
ENSMUSG00000076583	7.781970364	7.651789682	3.530755239	4.02728836	8.594335036
ENSMUSG00000076586	13.44158517	8.347406925	8.473812573	6.443661377	7.161945863
ENSMUSG00000076587	7.781970364	4.869320706	6.35535943	6.443661377	4.297167518
ENSMUSG00000076589	9.196874066	9.738641413	6.35535943	7.249119049	3.580972932
ENSMUSG00000076591	4.244711108	11.82549314	9.886114669	6.443661377	3.580972932
ENSMUSG00000076594	10.61177777	5.56493795	4.943057334	4.832746033	4.297167518
ENSMUSG00000076596	9.904325918	7.651789682	7.767661525	6.443661377	5.013362104
ENSMUSG00000076598	11.31922962	9.043024169	4.943057334	4.832746033	6.445751277
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ENSMUSG00000076614	7.074518513	7.651789682	9.179963621	134.5114312	83.07857202
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ENSMUSG00000076646	2.122355554	6.956172438	3.530755239	4.02728836	0
ENSMUSG00000076652	2.122355554	5.56493795	4.236906287	6.443661377	5.013362104
ENSMUSG00000076653	4.952162959	2.086851731	1.412302096	2.416373016	0.716194586
ENSMUSG00000076655	4.244711108	2.782468975	2.118453143	4.832746033	1.432389173
ENSMUSG00000076661	1.414903703	4.173703463	2.824604191	0.805457672	4.297167518
ENSMUSG00000076665	3.537259256	4.173703463	8.473812573	5.638203705	2.864778345
ENSMUSG00000076666	4.244711108	2.782468975	2.824604191	4.02728836	3.580972932
ENSMUSG00000076668	7.074518513	4.173703463	6.35535943	4.02728836	2.148583759
ENSMUSG00000076670	4.244711108	2.782468975	3.530755239	2.416373016	4.297167518
ENSMUSG00000076671	6.367066661	2.086851731	5.649208382	4.832746033	6.445751277
ENSMUSG00000076672	7.074518513	9.043024169	5.649208382	10.47094974	2.864778345
ENSMUSG00000076674	7.074518513	11.1298759	4.236906287	4.832746033	4.297167518
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ENSMUSG00000076677	2.122355554	6.956172438	3.530755239	6.443661377	7.87814045
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ENSMUSG00000076695	5.65961481	6.260555194	7.061510478	4.02728836	7.87814045
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ENSMUSG00000076710	6.367066661	4.869320706	4.943057334	2.416373016	6.445751277
ENSMUSG00000076731	8.489422215	4.173703463	4.943057334	7.249119049	2.148583759
ENSMUSG00000076733	7.781970364	4.869320706	4.943057334	6.443661377	6.445751277
ENSMUSG00000076744	11.31922962	5.56493795	6.35535943	4.02728836	6.445751277
ENSMUSG00000076745	6.367066661	6.956172438	6.35535943	3.221830688	5.729556691
ENSMUSG00000076746	3.537259256	4.869320706	5.649208382	4.832746033	2.864778345
ENSMUSG00000076747	2.829807405	4.173703463	2.824604191	3.221830688	5.013362104
ENSMUSG00000076749	7.074518513	4.869320706	7.061510478	2.416373016	5.729556691
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ENSMUSG00000076760	12.02668147	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000076761	8.489422215	5.56493795	5.649208382	8.860034393	3.580972932
ENSMUSG00000076762	12.02668147	6.260555194	6.35535943	7.249119049	8.594335036
ENSMUSG00000076764	8.489422215	7.651789682	7.061510478	1.610915344	7.87814045
ENSMUSG00000076795	6.367066661	10.43425866	9.886114669	4.02728836	10.02672421
ENSMUSG00000076796	9.196874066	4.869320706	8.473812573	3.221830688	6.445751277
ENSMUSG00000076800	8.489422215	4.869320706	6.35535943	5.638203705	5.013362104
ENSMUSG00000076802	12.73413332	11.82549314	11.29841676	8.860034393	7.161945863
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ENSMUSG00000076823	12.02668147	4.869320706	8.473812573	7.249119049	6.445751277
ENSMUSG00000076824	10.61177777	9.043024169	9.886114669	6.443661377	5.729556691
ENSMUSG00000076831	8.489422215	6.956172438	11.29841676	8.054576721	8.594335036
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ENSMUSG00000076840	11.31922962	11.82549314	4.236906287	5.638203705	6.445751277
ENSMUSG00000076861	10.61177777	4.869320706	9.886114669	7.249119049	6.445751277
ENSMUSG00000076865	8.489422215	6.260555194	10.59226572	6.443661377	5.729556691
ENSMUSG00000076866	9.904325918	6.260555194	7.767661525	5.638203705	8.594335036
ENSMUSG00000076867	11.31922962	4.869320706	4.236906287	3.221830688	3.580972932
ENSMUSG00000076870	2.122355554	4.173703463	2.824604191	1.610915344	0.716194586
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ENSMUSG00000076939	124.5115258	167.6437558	129.2256417	159.4806191	124.617858
ENSMUSG00000076940	38.90985182	70.25734162	59.31668801	34.6346799	41.53928601
ENSMUSG00000076941	11.31922962	11.82549314	5.649208382	3.221830688	3.580972932
ENSMUSG00000076944	17.68629628	16.69481385	24.71528667	12.88732275	14.32389173
ENSMUSG00000076946	7.781970364	8.347406925	7.767661525	3.221830688	5.729556691
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ENSMUSG00000076949	9.904325918	6.956172438	6.35535943	7.249119049	6.445751277
ENSMUSG00000076950	7.781970364	9.738641413	8.473812573	5.638203705	6.445751277
ENSMUSG00000076951	11.31922962	10.43425866	5.649208382	3.221830688	2.864778345
ENSMUSG00000076952	7.781970364	7.651789682	7.061510478	4.832746033	9.310529622
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ENSMUSG00000076958	9.196874066	7.651789682	9.179963621	6.443661377	6.445751277
ENSMUSG00000076959	0	0	0	0	0
ENSMUSG00000076961	8.489422215	12.52111039	17.65377619	11.27640741	13.60769714
ENSMUSG00000076964	9.904325918	11.1298759	9.179963621	8.860034393	5.013362104
ENSMUSG00000076966	0	0	0	0	0
ENSMUSG00000076972	4.952162959	8.347406925	6.35535943	2.416373016	6.445751277
ENSMUSG00000076976	0	0	0	0	0
ENSMUSG00000076977	4.244711108	8.347406925	8.473812573	3.221830688	6.445751277
ENSMUSG00000076983	0	0	0	0	0
ENSMUSG00000076987	11.31922962	6.956172438	5.649208382	4.832746033	7.87814045
ENSMUSG00000076994	0	0	0	0	0
ENSMUSG00000076999	0	0	0	0.805457672	0
ENSMUSG00000077001	0	0	0	0	0
ENSMUSG00000077004	12.02668147	12.52111039	14.829172	6.443661377	10.02672421
ENSMUSG00000077010	9.904325918	8.347406925	7.767661525	6.443661377	5.729556691
ENSMUSG00000077015	5.65961481	6.956172438	7.767661525	5.638203705	6.445751277
ENSMUSG00000077019	9.196874066	5.56493795	12.00456781	0.805457672	4.297167518
ENSMUSG00000077021	0	0	0	0	0
ENSMUSG00000077022	19.10119998	12.52111039	14.12302096	11.27640741	15.7562809
ENSMUSG00000077025	5.65961481	6.260555194	7.767661525	2.416373016	9.310529622
ENSMUSG00000077038	0	0	0	0	0
ENSMUSG00000077039	15.56394073	9.738641413	5.649208382	5.638203705	9.310529622



ENSMUSG00000077040	2.122355554	1.391234488	2.824604191	2.416373016	3.580972932
ENSMUSG00000077042	0	0	0	0.805457672	0
ENSMUSG00000077049	0	0	0	0	0
ENSMUSG00000077050	9.196874066	8.347406925	3.530755239	4.02728836	5.013362104
ENSMUSG00000077055	4.952162959	9.043024169	4.236906287	6.443661377	7.161945863
ENSMUSG00000077058	13.44158517	6.956172438	9.179963621	9.665492065	6.445751277
ENSMUSG00000077059	12.02668147	12.52111039	10.59226572	11.27640741	9.310529622
ENSMUSG00000077065	7.781970364	8.347406925	7.061510478	7.249119049	2.864778345
ENSMUSG00000077081	7.781970364	7.651789682	11.29841676	5.638203705	7.87814045
ENSMUSG00000077082	24.05336294	34.78086219	22.59683353	17.72006879	25.78300511
ENSMUSG00000077085	7.781970364	8.347406925	9.886114669	6.443661377	3.580972932
ENSMUSG00000077086	0	0	0	0	0
ENSMUSG00000077090	382.0239997	313.7233769	307.8818568	298.0193387	224.1689055
ENSMUSG00000077092	0	0	0	0	0
ENSMUSG00000077095	0	0	0	0	0
ENSMUSG00000077096	3.537259256	9.738641413	7.061510478	8.860034393	6.445751277
ENSMUSG00000077104	0	0	0	0	0
ENSMUSG00000077107	8.489422215	12.52111039	7.767661525	3.221830688	3.580972932
ENSMUSG00000077110	11.31922962	8.347406925	7.767661525	4.02728836	3.580972932
ENSMUSG00000077111	0	0	0	0	0
ENSMUSG00000077113	0	0	0	0	0
ENSMUSG00000077119	2.829807405	2.782468975	3.530755239	0.805457672	0.716194586
ENSMUSG00000077125	5.65961481	6.956172438	7.767661525	8.860034393	8.594335036
ENSMUSG00000077127	0.707451851	0	0	0	0
ENSMUSG00000077131	0	0	0	0	0
ENSMUSG00000077138	11.31922962	6.260555194	10.59226572	5.638203705	7.161945863
ENSMUSG00000077142	7.781970364	5.56493795	8.473812573	1.610915344	5.729556691
ENSMUSG00000077143	11.31922962	5.56493795	3.530755239	4.832746033	5.729556691
ENSMUSG00000077144	12.73413332	5.56493795	7.767661525	3.221830688	9.310529622
ENSMUSG00000077146	11.31922962	3.478086219	9.179963621	5.638203705	9.310529622
ENSMUSG00000077148	15.56394073	12.52111039	12.71071886	34.6346799	40.10689684
ENSMUSG00000077149	10.61177777	7.651789682	10.59226572	7.249119049	12.17530797
ENSMUSG00000077150	13.44158517	5.56493795	7.061510478	2.416373016	5.729556691
ENSMUSG00000077152	11.31922962	6.260555194	7.767661525	7.249119049	10.02672421
ENSMUSG00000077153	11.31922962	6.956172438	7.061510478	4.832746033	5.729556691
ENSMUSG00000077155	7.781970364	6.956172438	4.236906287	6.443661377	8.594335036
ENSMUSG00000077156	6.367066661	2.086851731	9.886114669	8.860034393	8.594335036
ENSMUSG00000077158	12.02668147	6.260555194	4.236906287	5.638203705	2.148583759
ENSMUSG00000077160	12.02668147	5.56493795	3.530755239	4.02728836	10.7429188
ENSMUSG00000077161	8.489422215	8.347406925	8.473812573	4.832746033	8.594335036
ENSMUSG00000077163	7.781970364	4.173703463	4.943057334	2.416373016	9.310529622
ENSMUSG00000077166	7.781970364	7.651789682	7.061510478	1.610915344	7.87814045
ENSMUSG00000077167	18.39374813	27.82468975	27.53989086	44.30017197	50.84981563

ENSMUSG00000077169	8.489422215	7.651789682	7.767661525	8.054576721	7.161945863
ENSMUSG00000077171	10.61177777	8.347406925	4.236906287	4.02728836	7.87814045
ENSMUSG00000077172	3.537259256	9.043024169	4.943057334	10.47094974	5.013362104
ENSMUSG00000077174	10.61177777	6.956172438	9.179963621	6.443661377	5.013362104
ENSMUSG00000077175	9.196874066	6.260555194	4.236906287	6.443661377	6.445751277
ENSMUSG00000077176	7.074518513	4.869320706	4.943057334	7.249119049	6.445751277
ENSMUSG00000077177	7.074518513	2.086851731	10.59226572	8.860034393	5.013362104
ENSMUSG00000077178	9.196874066	7.651789682	9.179963621	5.638203705	3.580972932
ENSMUSG00000077180	8.489422215	11.1298759	4.236906287	2.416373016	4.297167518
ENSMUSG00000077181	9.904325918	6.260555194	2.824604191	6.443661377	7.161945863
ENSMUSG00000077184	6.367066661	4.173703463	5.649208382	8.054576721	9.310529622
ENSMUSG00000077185	0	0	0	0	0
ENSMUSG00000077188	9.196874066	6.260555194	9.886114669	7.249119049	7.87814045
ENSMUSG00000077190	11.31922962	7.651789682	9.886114669	3.221830688	5.729556691
ENSMUSG00000077191	2.829807405	2.086851731	0	2.416373016	0.716194586
ENSMUSG00000077192	0	0	0	0	0
ENSMUSG00000077194	4.244711108	5.56493795	5.649208382	2.416373016	4.297167518
ENSMUSG00000077196	9.904325918	8.347406925	7.061510478	4.832746033	4.297167518
ENSMUSG00000077197	6.367066661	5.56493795	7.767661525	5.638203705	7.87814045
ENSMUSG00000077199	4.244711108	2.086851731	4.236906287	2.416373016	1.432389173
ENSMUSG00000077200	12.02668147	21.56413456	18.35992724	19.33098413	22.20203218
ENSMUSG00000077201	6.367066661	6.260555194	4.943057334	8.054576721	7.87814045
ENSMUSG00000077202	32.54278516	53.56252777	67.79050059	47.52200265	45.12025894
ENSMUSG00000077204	7.074518513	9.738641413	14.829172	4.02728836	8.594335036
ENSMUSG00000077205	8.489422215	9.043024169	11.29841676	7.249119049	8.594335036
ENSMUSG00000077207	14.14903703	5.56493795	9.179963621	7.249119049	6.445751277
ENSMUSG00000077208	9.904325918	4.173703463	12.00456781	4.02728836	5.729556691
ENSMUSG00000077209	8.489422215	10.43425866	10.59226572	4.02728836	8.594335036
ENSMUSG00000077212	3.537259256	2.782468975	1.412302096	5.638203705	8.594335036
ENSMUSG00000077214	9.196874066	9.043024169	9.886114669	8.054576721	8.594335036
ENSMUSG00000077215	7.074518513	4.173703463	7.767661525	5.638203705	6.445751277
ENSMUSG00000077217	14.14903703	22.95536904	19.77222934	10.47094974	12.17530797
ENSMUSG00000077218	7.781970364	9.738641413	5.649208382	4.832746033	7.161945863
ENSMUSG00000077220	0	0	0	0	0
ENSMUSG00000077221	4.952162959	13.21672763	8.473812573	10.47094974	12.89150255
ENSMUSG00000077222	0	0	0	0	0
ENSMUSG00000077223	8.489422215	3.478086219	4.236906287	9.665492065	5.013362104
ENSMUSG00000077224	4.952162959	9.043024169	4.236906287	5.638203705	6.445751277
ENSMUSG00000077227	16.97884443	19.47728283	24.00913562	16.91461111	15.7562809
ENSMUSG00000077228	14.85648888	3.478086219	9.886114669	4.832746033	5.729556691
ENSMUSG00000077230	3.537259256	6.956172438	3.530755239	3.221830688	4.297167518
ENSMUSG00000077231	10.61177777	12.52111039	6.35535943	8.860034393	8.594335036
ENSMUSG00000077235	13.44158517	4.173703463	7.061510478	7.249119049	5.013362104

ENSMUSG00000077236	11.31922962	7.651789682	10.59226572	7.249119049	6.445751277
ENSMUSG00000077237	14.14903703	6.260555194	1.412302096	5.638203705	5.013362104
ENSMUSG00000077239	14.85648888	18.08604834	14.829172	33.82922223	25.06681052
ENSMUSG00000077240	12.73413332	9.738641413	3.530755239	7.249119049	8.594335036
ENSMUSG00000077241	7.074518513	10.43425866	8.473812573	4.832746033	11.45911338
ENSMUSG00000077243	7.781970364	4.173703463	10.59226572	4.832746033	3.580972932
ENSMUSG00000077244	7.781970364	6.956172438	7.767661525	7.249119049	5.013362104
ENSMUSG00000077246	14.14903703	11.1298759	4.236906287	9.665492065	8.594335036
ENSMUSG00000077248	9.196874066	5.56493795	7.061510478	11.27640741	6.445751277
ENSMUSG00000077250	15.56394073	26.43345526	24.00913562	9.665492065	7.161945863
ENSMUSG00000077251	12.02668147	13.21672763	10.59226572	9.665492065	5.013362104
ENSMUSG00000077252	9.196874066	2.782468975	4.943057334	3.221830688	12.17530797
ENSMUSG00000077253	9.904325918	6.260555194	8.473812573	4.832746033	7.161945863
ENSMUSG00000077254	7.074518513	15.30357936	14.12302096	13.69278043	15.7562809
ENSMUSG00000077255	9.196874066	6.956172438	10.59226572	6.443661377	8.594335036
ENSMUSG00000077256	12.73413332	9.043024169	8.473812573	10.47094974	7.161945863
ENSMUSG00000077257	63.67066661	79.30036579	69.20280268	176.3952302	144.6713064
ENSMUSG00000077258	9.904325918	5.56493795	6.35535943	10.47094974	6.445751277
ENSMUSG00000077259	13.44158517	7.651789682	12.71071886	4.832746033	2.864778345
ENSMUSG00000077260	7.781970364	5.56493795	12.00456781	5.638203705	5.013362104
ENSMUSG00000077261	13.44158517	23.65098629	20.47838039	20.1364418	20.05344842
ENSMUSG00000077262	9.196874066	4.869320706	7.061510478	6.443661377	6.445751277
ENSMUSG00000077263	9.196874066	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000077264	7.074518513	11.1298759	7.767661525	4.02728836	2.864778345
ENSMUSG00000077265	17.68629628	34.08524495	28.24604191	10.47094974	18.62105924
ENSMUSG00000077268	9.904325918	4.173703463	5.649208382	6.443661377	9.310529622
ENSMUSG00000077269	4.952162959	13.21672763	3.530755239	3.221830688	10.02672421
ENSMUSG00000077270	9.196874066	9.043024169	12.00456781	4.02728836	3.580972932
ENSMUSG00000077271	24.76081479	22.2597518	31.0706461	12.88732275	20.05344842
ENSMUSG00000077272	11.31922962	11.1298759	9.179963621	9.665492065	11.45911338
ENSMUSG00000077273	12.02668147	4.173703463	7.767661525	8.054576721	8.594335036
ENSMUSG00000077274	8.489422215	8.347406925	11.29841676	20.94189947	13.60769714
ENSMUSG00000077275	6.367066661	4.173703463	4.236906287	6.443661377	0.716194586
ENSMUSG00000077276	5.65961481	6.260555194	8.473812573	8.054576721	5.729556691
ENSMUSG00000077277	2.829807405	6.260555194	5.649208382	4.02728836	7.161945863
ENSMUSG00000077278	5.65961481	7.651789682	4.236906287	5.638203705	3.580972932
ENSMUSG00000077279	7.074518513	5.56493795	9.886114669	6.443661377	9.310529622
ENSMUSG00000077280	10.61177777	10.43425866	6.35535943	11.27640741	5.013362104
ENSMUSG00000077281	8.489422215	8.347406925	7.061510478	7.249119049	6.445751277
ENSMUSG00000077282	7.781970364	8.347406925	7.061510478	6.443661377	6.445751277
ENSMUSG00000077283	10.61177777	9.738641413	12.71071886	10.47094974	9.310529622
ENSMUSG00000077285	25.46826665	20.17290007	14.829172	43.49471429	28.64778345
ENSMUSG00000077287	17.68629628	20.17290007	26.12758877	39.46742593	32.22875639

ENSMUSG00000077288	7.781970364	7.651789682	7.767661525	4.832746033	7.161945863
ENSMUSG00000077289	10.61177777	7.651789682	7.767661525	1.610915344	8.594335036
ENSMUSG00000077290	4.244711108	9.738641413	8.473812573	8.054576721	5.729556691
ENSMUSG00000077291	10.61177777	7.651789682	7.767661525	4.832746033	4.297167518
ENSMUSG00000077292	12.73413332	4.869320706	3.530755239	8.860034393	7.161945863
ENSMUSG00000077293	9.196874066	7.651789682	7.767661525	4.832746033	12.17530797
ENSMUSG00000077294	4.244711108	8.347406925	7.767661525	4.02728836	4.297167518
ENSMUSG00000077295	12.02668147	6.260555194	10.59226572	3.221830688	8.594335036
ENSMUSG00000077298	9.904325918	5.56493795	8.473812573	3.221830688	3.580972932
ENSMUSG00000077299	9.904325918	9.043024169	7.061510478	5.638203705	9.310529622
ENSMUSG00000077302	6.367066661	6.956172438	6.35535943	3.221830688	5.013362104
ENSMUSG00000077303	3.537259256	4.173703463	4.943057334	3.221830688	3.580972932
ENSMUSG00000077304	14.14903703	2.782468975	2.824604191	8.860034393	5.729556691
ENSMUSG00000077305	12.02668147	6.260555194	9.179963621	4.832746033	8.594335036
ENSMUSG00000077306	8.489422215	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000077309	8.489422215	4.869320706	7.061510478	2.416373016	5.013362104
ENSMUSG00000077312	14.85648888	9.043024169	4.943057334	5.638203705	5.729556691
ENSMUSG00000077314	13.44158517	9.043024169	9.886114669	6.443661377	7.87814045
ENSMUSG00000077315	8.489422215	8.347406925	11.29841676	4.02728836	6.445751277
ENSMUSG00000077316	6.367066661	9.043024169	3.530755239	6.443661377	7.87814045
ENSMUSG00000077317	12.73413332	8.347406925	7.767661525	5.638203705	4.297167518
ENSMUSG00000077318	7.074518513	9.043024169	8.473812573	5.638203705	15.04008631
ENSMUSG00000077320	4.952162959	9.043024169	4.236906287	8.054576721	7.161945863
ENSMUSG00000077323	12.73413332	16.69481385	8.473812573	5.638203705	10.02672421
ENSMUSG00000077325	9.904325918	6.956172438	4.943057334	5.638203705	10.02672421
ENSMUSG00000077327	8.489422215	6.260555194	4.943057334	8.054576721	6.445751277
ENSMUSG00000077328	9.196874066	9.043024169	12.71071886	7.249119049	5.729556691
ENSMUSG00000077332	8.489422215	9.738641413	9.886114669	5.638203705	10.7429188
ENSMUSG00000077333	13.44158517	3.478086219	4.943057334	2.416373016	5.729556691
ENSMUSG00000077334	8.489422215	5.56493795	4.236906287	3.221830688	5.729556691
ENSMUSG00000077336	7.781970364	8.347406925	5.649208382	8.054576721	6.445751277
ENSMUSG00000077337	8.489422215	6.260555194	10.59226572	8.860034393	5.729556691
ENSMUSG00000077338	0.707451851	0	0	0	0.716194586
ENSMUSG00000077339	9.904325918	4.869320706	9.886114669	5.638203705	9.310529622
ENSMUSG00000077342	10.61177777	9.043024169	4.236906287	6.443661377	11.45911338
ENSMUSG00000077344	7.074518513	7.651789682	7.061510478	3.221830688	7.161945863
ENSMUSG00000077345	8.489422215	18.08604834	12.71071886	60.40932541	42.25548059
ENSMUSG00000077347	12.02668147	8.347406925	7.061510478	8.860034393	8.594335036
ENSMUSG00000077348	11.31922962	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG00000077349	9.196874066	11.1298759	7.767661525	4.832746033	9.310529622
ENSMUSG00000077350	9.904325918	2.086851731	7.767661525	10.47094974	6.445751277
ENSMUSG00000077351	8.489422215	6.956172438	7.767661525	8.860034393	5.013362104
ENSMUSG00000077354	12.73413332	8.347406925	9.179963621	2.416373016	9.310529622

ENSMUSG00000077356	12.02668147	11.1298759	12.00456781	6.443661377	7.87814045
ENSMUSG00000077357	4.952162959	4.869320706	7.767661525	7.249119049	7.161945863
ENSMUSG00000077358	3.537259256	9.043024169	8.473812573	34.6346799	19.33725383
ENSMUSG00000077359	8.489422215	6.956172438	8.473812573	6.443661377	5.013362104
ENSMUSG00000077360	12.02668147	9.738641413	10.59226572	26.58010318	17.90486466
ENSMUSG00000077361	8.489422215	6.956172438	4.943057334	5.638203705	5.729556691
ENSMUSG00000077366	7.074518513	7.651789682	6.35535943	3.221830688	4.297167518
ENSMUSG00000077367	51.64398514	75.82227957	58.61053696	48.32746033	40.82309142
ENSMUSG00000077368	12.02668147	6.260555194	8.473812573	4.832746033	8.594335036
ENSMUSG00000077369	8.489422215	9.738641413	12.71071886	5.638203705	9.310529622
ENSMUSG00000077376	11.31922962	5.56493795	7.767661525	7.249119049	5.013362104
ENSMUSG00000077377	4.952162959	6.956172438	4.943057334	0.805457672	5.013362104
ENSMUSG00000077378	12.02668147	8.347406925	6.35535943	6.443661377	4.297167518
ENSMUSG00000077379	6.367066661	4.173703463	4.236906287	3.221830688	6.445751277
ENSMUSG00000077380	29.71297775	39.6501829	37.42600553	59.60386773	41.53928601
ENSMUSG00000077381	9.196874066	3.478086219	4.236906287	6.443661377	6.445751277
ENSMUSG00000077382	25.46826665	51.47567604	40.25060972	49.132918	37.24211849
ENSMUSG00000077383	5.65961481	5.56493795	1.412302096	12.88732275	7.161945863
ENSMUSG00000077384	10.61177777	6.956172438	10.59226572	4.02728836	6.445751277
ENSMUSG00000077385	23.34591109	40.34580014	40.95676077	22.55281482	25.06681052
ENSMUSG00000077387	8.489422215	11.82549314	7.767661525	5.638203705	5.013362104
ENSMUSG00000077391	16.27139258	20.17290007	12.71071886	12.88732275	17.90486466
ENSMUSG00000077392	7.074518513	3.478086219	7.767661525	4.832746033	5.729556691
ENSMUSG00000077393	9.904325918	6.260555194	9.886114669	6.443661377	4.297167518
ENSMUSG00000077394	0	2.086851731	0.706151048	0.805457672	0.716194586
ENSMUSG00000077396	10.61177777	7.651789682	8.473812573	8.860034393	9.310529622
ENSMUSG00000077397	9.904325918	8.347406925	6.35535943	7.249119049	9.310529622
ENSMUSG00000077398	12.73413332	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG00000077399	10.61177777	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG00000077400	12.73413332	6.956172438	10.59226572	8.054576721	7.161945863
ENSMUSG00000077401	7.074518513	6.260555194	4.943057334	7.249119049	5.013362104
ENSMUSG00000077402	16.27139258	23.65098629	14.12302096	11.27640741	8.594335036
ENSMUSG00000077403	12.73413332	6.260555194	8.473812573	3.221830688	10.02672421
ENSMUSG00000077404	10.61177777	4.869320706	5.649208382	6.443661377	5.013362104
ENSMUSG00000077406	0	1.391234488	2.118453143	0.805457672	0.716194586
ENSMUSG00000077407	9.196874066	5.56493795	6.35535943	3.221830688	7.161945863
ENSMUSG00000077408	6.367066661	10.43425866	7.767661525	3.221830688	8.594335036
ENSMUSG00000077409	10.61177777	4.869320706	6.35535943	3.221830688	5.729556691
ENSMUSG00000077410	10.61177777	10.43425866	8.473812573	8.860034393	5.013362104
ENSMUSG00000077411	15.56394073	13.21672763	10.59226572	5.638203705	10.7429188
ENSMUSG00000077413	5.65961481	6.956172438	9.886114669	3.221830688	4.297167518
ENSMUSG00000077415	6.367066661	5.56493795	2.824604191	8.054576721	3.580972932
ENSMUSG00000077416	7.074518513	7.651789682	12.00456781	7.249119049	12.17530797

ENSMUSG00000077417	4.952162959	3.478086219	4.943057334	1.610915344	2.148583759
ENSMUSG00000077418	7.074518513	8.347406925	9.886114669	10.47094974	12.17530797
ENSMUSG00000077419	19.10119998	28.52030699	27.53989086	24.96918783	29.36397804
ENSMUSG00000077420	45.98437033	41.73703463	49.43057334	28.9964762	30.08017263
ENSMUSG00000077421	67.91537772	89.0390072	94.6242404	122.4295662	104.5644096
ENSMUSG00000077422	2.122355554	1.391234488	1.412302096	1.610915344	0.716194586
ENSMUSG00000077424	7.074518513	6.260555194	6.35535943	5.638203705	4.297167518
ENSMUSG00000077425	8.489422215	9.043024169	6.35535943	5.638203705	9.310529622
ENSMUSG00000077426	7.074518513	17.39043109	13.41686991	16.91461111	14.32389173
ENSMUSG00000077427	11.31922962	4.869320706	12.00456781	8.054576721	4.297167518
ENSMUSG00000077428	16.97884443	6.260555194	9.179963621	8.860034393	9.310529622
ENSMUSG00000077430	4.244711108	2.782468975	11.29841676	3.221830688	3.580972932
ENSMUSG00000077431	38.20239997	66.08363816	48.7244223	62.82569842	52.2822048
ENSMUSG00000077433	10.61177777	7.651789682	7.061510478	8.860034393	7.87814045
ENSMUSG00000077435	5.65961481	2.782468975	0.706151048	2.416373016	4.297167518
ENSMUSG00000077437	12.73413332	5.56493795	6.35535943	8.054576721	12.17530797
ENSMUSG00000077438	12.02668147	3.478086219	7.767661525	5.638203705	5.013362104
ENSMUSG00000077439	6.367066661	5.56493795	9.179963621	4.832746033	8.594335036
ENSMUSG00000077440	0	0	0	0	0
ENSMUSG00000077441	11.31922962	3.478086219	5.649208382	5.638203705	4.297167518
ENSMUSG00000077442	7.781970364	6.260555194	7.061510478	8.054576721	6.445751277
ENSMUSG00000077443	12.73413332	6.260555194	9.179963621	10.47094974	5.729556691
ENSMUSG00000077445	6.367066661	5.56493795	9.179963621	8.860034393	6.445751277
ENSMUSG00000077447	8.489422215	7.651789682	4.236906287	4.832746033	7.161945863
ENSMUSG00000077448	42.44711108	66.7792554	51.54902649	57.18749472	62.30892901
ENSMUSG00000077449	8.489422215	6.956172438	9.179963621	15.30369577	15.7562809
ENSMUSG00000077451	7.074518513	7.651789682	12.00456781	9.665492065	7.161945863
ENSMUSG00000077453	2.122355554	0.695617244	2.824604191	5.638203705	3.580972932
ENSMUSG00000077454	42.44711108	57.04061399	51.54902649	78.12939419	75.91662615
ENSMUSG00000077455	9.196874066	9.738641413	11.29841676	9.665492065	5.013362104
ENSMUSG00000077456	9.904325918	8.347406925	9.179963621	1.610915344	7.161945863
ENSMUSG00000077457	0	0	0	0	0
ENSMUSG00000077459	4.244711108	5.56493795	5.649208382	7.249119049	5.013362104
ENSMUSG00000077460	338.8694368	332.5050425	336.1278987	460.7217884	294.355975
ENSMUSG00000077461	8.489422215	9.738641413	7.061510478	7.249119049	3.580972932
ENSMUSG00000077462	8.489422215	1.391234488	4.943057334	4.02728836	6.445751277
ENSMUSG00000077463	7.074518513	6.260555194	9.179963621	4.832746033	6.445751277
ENSMUSG00000077464	6.367066661	6.260555194	9.179963621	5.638203705	7.87814045
ENSMUSG00000077465	12.73413332	8.347406925	14.12302096	6.443661377	5.013362104
ENSMUSG00000077467	9.196874066	6.956172438	9.179963621	7.249119049	5.729556691
ENSMUSG00000077468	4.244711108	8.347406925	9.886114669	6.443661377	10.02672421
ENSMUSG00000077469	9.196874066	4.173703463	6.35535943	2.416373016	7.87814045
ENSMUSG00000077470	6.367066661	4.869320706	5.649208382	4.832746033	6.445751277

ENSMUSG00000077471	7.781970364	10.43425866	7.061510478	5.638203705	7.87814045
ENSMUSG00000077472	8.489422215	6.956172438	7.061510478	2.416373016	6.445751277
ENSMUSG00000077473	10.61177777	5.56493795	8.473812573	8.860034393	8.594335036
ENSMUSG00000077474	10.61177777	7.651789682	11.29841676	7.249119049	7.161945863
ENSMUSG00000077476	69.33028142	94.60394515	80.50121945	46.71654498	51.56601022
ENSMUSG00000077477	9.196874066	7.651789682	4.236906287	7.249119049	7.161945863
ENSMUSG00000077480	12.02668147	8.347406925	8.473812573	2.416373016	5.729556691
ENSMUSG00000077481	6.367066661	7.651789682	5.649208382	3.221830688	8.594335036
ENSMUSG00000077483	6.367066661	5.56493795	5.649208382	8.054576721	10.7429188
ENSMUSG00000077484	9.904325918	6.956172438	6.35535943	5.638203705	9.310529622
ENSMUSG00000077485	9.196874066	8.347406925	7.767661525	6.443661377	1.432389173
ENSMUSG00000077487	8.489422215	7.651789682	7.061510478	8.054576721	7.87814045
ENSMUSG00000077488	12.02668147	4.869320706	9.179963621	2.416373016	8.594335036
ENSMUSG00000077492	7.781970364	9.043024169	5.649208382	4.832746033	6.445751277
ENSMUSG00000077493	2.122355554	4.173703463	4.236906287	15.30369577	5.729556691
ENSMUSG00000077494	10.61177777	5.56493795	8.473812573	3.221830688	6.445751277
ENSMUSG00000077495	7.781970364	5.56493795	4.943057334	8.860034393	7.87814045
ENSMUSG00000077497	4.952162959	9.738641413	5.649208382	4.832746033	7.87814045
ENSMUSG00000077499	6.367066661	7.651789682	8.473812573	8.054576721	8.594335036
ENSMUSG00000077501	9.904325918	15.30357936	10.59226572	4.02728836	12.89150255
ENSMUSG00000077502	9.904325918	6.260555194	6.35535943	3.221830688	5.013362104
ENSMUSG00000077503	12.02668147	4.173703463	7.061510478	8.860034393	4.297167518
ENSMUSG00000077504	12.73413332	6.260555194	4.236906287	5.638203705	7.161945863
ENSMUSG00000077505	174.0331554	223.9887525	190.6607829	371.3159868	251.3842998
ENSMUSG00000077506	0	1.391234488	0	0.805457672	1.432389173
ENSMUSG00000077507	10.61177777	4.869320706	9.886114669	7.249119049	5.013362104
ENSMUSG00000077511	9.904325918	9.738641413	16.2414741	10.47094974	12.17530797
ENSMUSG00000077514	5.65961481	6.956172438	4.236906287	3.221830688	3.580972932
ENSMUSG00000077515	0	0	0	0	0
ENSMUSG00000077516	7.781970364	9.043024169	12.71071886	6.443661377	4.297167518
ENSMUSG00000077517	7.074518513	8.347406925	7.061510478	8.054576721	7.161945863
ENSMUSG00000077518	7.781970364	8.347406925	5.649208382	8.860034393	5.013362104
ENSMUSG00000077519	10.61177777	6.260555194	8.473812573	5.638203705	10.02672421
ENSMUSG00000077521	9.196874066	5.56493795	8.473812573	8.054576721	8.594335036
ENSMUSG00000077522	5.65961481	6.260555194	8.473812573	4.832746033	5.013362104
ENSMUSG00000077524	31.83533331	43.12826911	42.36906287	50.74383334	47.98503729
ENSMUSG00000077526	1.414903703	0.695617244	2.824604191	0	2.148583759
ENSMUSG00000077527	9.196874066	18.78166558	21.18453143	25.77464551	28.64778345
ENSMUSG00000077528	9.904325918	3.478086219	7.767661525	2.416373016	10.7429188
ENSMUSG00000077535	8.489422215	10.43425866	6.35535943	8.860034393	2.864778345
ENSMUSG00000077537	7.074518513	4.869320706	5.649208382	6.443661377	1.432389173
ENSMUSG00000077538	7.781970364	9.043024169	5.649208382	2.416373016	7.161945863
ENSMUSG00000077539	8.489422215	7.651789682	7.061510478	7.249119049	5.013362104

ENSMUSG00000077541	12.02668147	3.478086219	7.767661525	6.443661377	7.161945863
ENSMUSG00000077542	1.414903703	6.260555194	0.706151048	3.221830688	3.580972932
ENSMUSG00000077543	7.074518513	2.086851731	6.35535943	7.249119049	6.445751277
ENSMUSG00000077545	17.68629628	36.17209668	32.4829482	8.054576721	13.60769714
ENSMUSG00000077546	9.196874066	9.738641413	9.886114669	3.221830688	7.161945863
ENSMUSG00000077547	11.31922962	5.56493795	14.12302096	11.27640741	10.7429188
ENSMUSG00000077549	16.97884443	25.73783802	16.94762515	27.38556085	23.63442135
ENSMUSG00000077552	14.14903703	5.56493795	6.35535943	4.832746033	9.310529622
ENSMUSG00000077553	9.196874066	7.651789682	6.35535943	4.02728836	5.729556691
ENSMUSG00000077554	12.02668147	4.869320706	9.179963621	8.860034393	8.594335036
ENSMUSG00000077555	11.31922962	12.52111039	9.886114669	3.221830688	7.87814045
ENSMUSG00000077557	10.61177777	9.043024169	7.767661525	12.08186508	11.45911338
ENSMUSG00000077558	5.65961481	3.478086219	3.530755239	3.221830688	2.864778345
ENSMUSG00000077559	8.489422215	9.043024169	4.943057334	3.221830688	7.161945863
ENSMUSG00000077561	14.85648888	31.30277597	23.30298458	15.30369577	15.7562809
ENSMUSG00000077562	7.074518513	6.956172438	9.886114669	6.443661377	10.02672421
ENSMUSG00000077563	0	0	0	0	0
ENSMUSG00000077564	0.707451851	3.478086219	0.706151048	4.02728836	2.864778345
ENSMUSG00000077565	0	0	0	0	0
ENSMUSG00000077567	9.196874066	5.56493795	9.179963621	7.249119049	4.297167518
ENSMUSG00000077569	2.122355554	3.478086219	2.824604191	2.416373016	2.864778345
ENSMUSG00000077571	9.196874066	10.43425866	7.767661525	16.10915344	15.7562809
ENSMUSG00000077572	6.367066661	7.651789682	5.649208382	9.665492065	9.310529622
ENSMUSG00000077574	7.074518513	3.478086219	7.767661525	2.416373016	7.87814045
ENSMUSG00000077575	1.414903703	2.086851731	2.824604191	26.58010318	15.7562809
ENSMUSG00000077576	10.61177777	4.869320706	8.473812573	4.02728836	3.580972932
ENSMUSG00000077577	0	2.086851731	3.530755239	0	1.432389173
ENSMUSG00000077578	7.781970364	8.347406925	5.649208382	5.638203705	4.297167518
ENSMUSG00000077579	5.65961481	2.086851731	7.767661525	6.443661377	5.013362104
ENSMUSG00000077581	12.02668147	9.043024169	10.59226572	4.832746033	8.594335036
ENSMUSG00000077582	12.02668147	9.043024169	6.35535943	7.249119049	7.161945863
ENSMUSG00000077585	5.65961481	9.043024169	9.179963621	8.860034393	5.729556691
ENSMUSG00000077586	9.196874066	9.043024169	7.061510478	7.249119049	3.580972932
ENSMUSG00000077587	9.196874066	4.173703463	5.649208382	7.249119049	7.87814045
ENSMUSG00000077588	10.61177777	5.56493795	6.35535943	5.638203705	8.594335036
ENSMUSG00000077590	10.61177777	10.43425866	11.29841676	8.054576721	12.17530797
ENSMUSG00000077591	7.781970364	4.869320706	8.473812573	2.416373016	7.161945863
ENSMUSG00000077592	142.905274	195.4684455	197.7222934	141.7605503	121.0368851
ENSMUSG00000077593	128.0487851	166.9481385	145.4671158	150.6205847	118.8883013
ENSMUSG00000077594	16.27139258	5.56493795	9.179963621	6.443661377	5.013362104
ENSMUSG00000077595	4.952162959	6.260555194	2.824604191	4.832746033	5.729556691
ENSMUSG00000077597	9.196874066	5.56493795	4.236906287	3.221830688	9.310529622
ENSMUSG00000077598	9.196874066	4.869320706	10.59226572	7.249119049	10.02672421



ENSMUSG00000077599	14.85648888	4.869320706	12.00456781	6.443661377	5.729556691
ENSMUSG00000077601	5.65961481	9.043024169	6.35535943	6.443661377	5.729556691
ENSMUSG00000077602	7.781970364	11.82549314	10.59226572	15.30369577	10.7429188
ENSMUSG00000077603	8.489422215	6.260555194	9.179963621	5.638203705	3.580972932
ENSMUSG00000077604	0	0	0	0	0
ENSMUSG00000077607	4.952162959	12.52111039	8.473812573	8.054576721	7.161945863
ENSMUSG00000077608	7.074518513	10.43425866	9.886114669	0.805457672	6.445751277
ENSMUSG00000077609	4.952162959	4.869320706	2.824604191	0.805457672	1.432389173
ENSMUSG00000077611	21.22355554	50.7800588	48.01827125	94.23854763	70.90326405
ENSMUSG00000077612	16.97884443	20.17290007	15.53532305	11.27640741	19.33725383
ENSMUSG00000077613	11.31922962	10.43425866	9.886114669	10.47094974	10.7429188
ENSMUSG00000077614	7.074518513	9.738641413	12.71071886	53.96566403	37.95831308
ENSMUSG00000077615	2.122355554	1.391234488	2.824604191	5.638203705	2.864778345
ENSMUSG00000077616	7.074518513	7.651789682	7.061510478	8.860034393	5.013362104
ENSMUSG00000077617	11.31922962	3.478086219	4.236906287	7.249119049	11.45911338
ENSMUSG00000077618	9.196874066	9.043024169	6.35535943	4.02728836	4.297167518
ENSMUSG00000077619	10.61177777	5.56493795	9.886114669	3.221830688	5.013362104
ENSMUSG00000077620	2.829807405	2.782468975	3.530755239	2.416373016	2.148583759
ENSMUSG00000077621	285.1030961	283.1162182	255.6266793	320.5721535	227.0336839
ENSMUSG00000077622	9.904325918	8.347406925	9.886114669	6.443661377	7.161945863
ENSMUSG00000077624	41.73965922	52.17129328	55.07978173	45.91108731	57.29556691
ENSMUSG00000077625	0	0	0	0	0
ENSMUSG00000077627	11.31922962	9.738641413	7.061510478	8.054576721	7.87814045
ENSMUSG00000077628	5.65961481	2.782468975	3.530755239	3.221830688	2.148583759
ENSMUSG00000077629	10.61177777	4.869320706	4.943057334	6.443661377	5.729556691
ENSMUSG00000077630	7.781970364	5.56493795	5.649208382	5.638203705	3.580972932
ENSMUSG00000077633	13.44158517	13.91234488	21.89068248	8.054576721	12.17530797
ENSMUSG00000077635	4.244711108	2.782468975	6.35535943	6.443661377	5.013362104
ENSMUSG00000077637	1.414903703	2.782468975	4.236906287	3.221830688	2.864778345
ENSMUSG00000077639	26.1757185	42.43265187	33.89525029	35.44013757	32.94495097
ENSMUSG00000077640	7.074518513	8.347406925	2.118453143	6.443661377	5.729556691
ENSMUSG00000077641	11.31922962	11.1298759	7.061510478	7.249119049	5.729556691
ENSMUSG00000077642	9.196874066	9.043024169	10.59226572	7.249119049	8.594335036
ENSMUSG00000077643	7.781970364	8.347406925	7.061510478	7.249119049	6.445751277
ENSMUSG00000077644	6.367066661	6.956172438	2.118453143	4.02728836	4.297167518
ENSMUSG00000077645	2.122355554	4.173703463	5.649208382	2.416373016	7.161945863
ENSMUSG00000077647	7.074518513	8.347406925	13.41686991	5.638203705	10.02672421
ENSMUSG00000077648	10.61177777	7.651789682	9.179963621	5.638203705	7.161945863
ENSMUSG00000077649	31.83533331	61.9099347	46.60596915	67.65844446	74.48423698
ENSMUSG00000077650	4.244711108	4.869320706	7.061510478	0.805457672	3.580972932
ENSMUSG00000077652	11.31922962	10.43425866	7.061510478	8.054576721	10.02672421
ENSMUSG00000077653	10.61177777	5.56493795	7.767661525	8.054576721	5.729556691
ENSMUSG00000077655	7.074518513	6.956172438	8.473812573	7.249119049	12.17530797

ENSMUSG00000077659	4.244711108	1.391234488	4.943057334	4.832746033	8.594335036
ENSMUSG00000077660	9.904325918	6.956172438	8.473812573	5.638203705	7.87814045
ENSMUSG00000077661	10.61177777	4.173703463	7.061510478	3.221830688	6.445751277
ENSMUSG00000077663	6.367066661	4.869320706	6.35535943	7.249119049	5.729556691
ENSMUSG00000077664	7.074518513	4.173703463	9.179963621	8.054576721	7.161945863
ENSMUSG00000077666	12.73413332	4.173703463	8.473812573	3.221830688	8.594335036
ENSMUSG00000077667	7.074518513	3.478086219	7.767661525	12.08186508	6.445751277
ENSMUSG00000077668	11.31922962	4.869320706	6.35535943	7.249119049	7.87814045
ENSMUSG00000077669	7.074518513	6.260555194	14.829172	5.638203705	4.297167518
ENSMUSG00000077671	6.367066661	5.56493795	6.35535943	8.054576721	4.297167518
ENSMUSG00000077672	9.196874066	3.478086219	7.061510478	8.054576721	4.297167518
ENSMUSG00000077673	7.074518513	13.21672763	6.35535943	6.443661377	8.594335036
ENSMUSG00000077674	4.952162959	2.086851731	3.530755239	2.416373016	4.297167518
ENSMUSG00000077675	10.61177777	7.651789682	7.061510478	10.47094974	5.729556691
ENSMUSG00000077677	29.71297775	57.04061399	62.1412922	38.66196826	50.13362104
ENSMUSG00000077678	13.44158517	5.56493795	9.886114669	0.805457672	8.594335036
ENSMUSG00000077680	7.074518513	7.651789682	4.943057334	1.610915344	5.013362104
ENSMUSG00000077681	0	0	0	0	0
ENSMUSG00000077682	8.489422215	6.956172438	7.061510478	7.249119049	9.310529622
ENSMUSG00000077683	8.489422215	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000077685	9.196874066	6.956172438	7.767661525	11.27640741	7.161945863
ENSMUSG00000077687	9.196874066	9.738641413	8.473812573	12.08186508	7.87814045
ENSMUSG00000077689	12.73413332	4.173703463	11.29841676	3.221830688	7.87814045
ENSMUSG00000077691	12.02668147	9.738641413	7.767661525	2.416373016	6.445751277
ENSMUSG00000077693	6.367066661	9.738641413	8.473812573	4.832746033	7.87814045
ENSMUSG00000077696	8.489422215	4.869320706	7.061510478	4.832746033	8.594335036
ENSMUSG00000077697	7.781970364	4.173703463	10.59226572	5.638203705	11.45911338
ENSMUSG00000077698	0.707451851	1.391234488	0	1.610915344	0
ENSMUSG00000077700	12.73413332	6.260555194	10.59226572	5.638203705	4.297167518
ENSMUSG00000077701	7.781970364	5.56493795	9.886114669	2.416373016	12.89150255
ENSMUSG00000077702	0	0	0	0	0
ENSMUSG00000077703	9.196874066	8.347406925	8.473812573	6.443661377	8.594335036
ENSMUSG00000077704	3.537259256	4.173703463	4.943057334	7.249119049	4.297167518
ENSMUSG00000077705	4.952162959	8.347406925	11.29841676	10.47094974	12.89150255
ENSMUSG00000077706	6.367066661	5.56493795	9.886114669	5.638203705	7.161945863
ENSMUSG00000077707	10.61177777	2.782468975	4.236906287	7.249119049	6.445751277
ENSMUSG00000077708	8.489422215	3.478086219	7.061510478	8.860034393	5.013362104
ENSMUSG00000077709	22.63845924	29.91154148	39.54445867	245.66459	185.4943979
ENSMUSG00000077710	11.31922962	7.651789682	7.061510478	2.416373016	5.013362104
ENSMUSG00000077711	1.414903703	6.260555194	4.943057334	24.96918783	17.90486466
ENSMUSG00000077713	1.414903703	4.173703463	4.236906287	4.832746033	2.148583759
ENSMUSG00000077714	244.7783405	242.0748008	242.9159604	637.1170186	459.0807298
ENSMUSG00000077716	6.367066661	11.1298759	8.473812573	9.665492065	6.445751277

ENSMUSG00000077717	7.781970364	7.651789682	6.35535943	4.832746033	5.729556691
ENSMUSG00000077718	12.73413332	9.738641413	6.35535943	6.443661377	5.013362104
ENSMUSG00000077719	9.904325918	6.956172438	11.29841676	8.054576721	6.445751277
ENSMUSG00000077726	10.61177777	10.43425866	9.179963621	8.860034393	4.297167518
ENSMUSG00000077728	8.489422215	6.260555194	4.943057334	9.665492065	7.161945863
ENSMUSG00000077730	9.904325918	6.956172438	7.767661525	4.02728836	5.013362104
ENSMUSG00000077733	302.0819405	348.5042391	323.4171799	465.5545345	334.4628718
ENSMUSG00000077734	7.781970364	3.478086219	2.118453143	8.860034393	2.864778345
ENSMUSG00000077735	9.196874066	6.956172438	9.179963621	8.860034393	7.87814045
ENSMUSG00000077736	8.489422215	6.260555194	9.886114669	7.249119049	8.594335036
ENSMUSG00000077737	12.73413332	20.86851731	21.89068248	74.9075635	62.30892901
ENSMUSG00000077738	9.904325918	6.956172438	3.530755239	2.416373016	4.297167518
ENSMUSG00000077741	7.074518513	7.651789682	9.886114669	4.02728836	5.729556691
ENSMUSG00000077743	2.829807405	4.869320706	4.236906287	0.805457672	5.729556691
ENSMUSG00000077744	65.79302217	100.8645003	81.20737049	57.99295239	65.88990194
ENSMUSG00000077745	7.074518513	9.043024169	7.061510478	7.249119049	11.45911338
ENSMUSG00000077749	10.61177777	6.956172438	4.236906287	4.832746033	7.161945863
ENSMUSG00000077750	8.489422215	2.782468975	6.35535943	7.249119049	6.445751277
ENSMUSG00000077752	9.904325918	12.52111039	12.71071886	4.02728836	7.161945863
ENSMUSG00000077755	7.781970364	12.52111039	8.473812573	8.860034393	7.87814045
ENSMUSG00000077756	15.56394073	22.95536904	12.00456781	12.88732275	12.89150255
ENSMUSG00000077757	9.904325918	7.651789682	3.530755239	7.249119049	8.594335036
ENSMUSG00000077758	7.074518513	7.651789682	12.00456781	6.443661377	15.7562809
ENSMUSG00000077759	10.61177777	18.08604834	9.179963621	12.88732275	16.47247549
ENSMUSG00000077761	8.489422215	6.260555194	3.530755239	3.221830688	9.310529622
ENSMUSG00000077767	3.537259256	1.391234488	1.412302096	3.221830688	5.013362104
ENSMUSG00000077768	9.196874066	1.391234488	7.767661525	4.02728836	11.45911338
ENSMUSG00000077769	7.074518513	11.1298759	5.649208382	4.02728836	9.310529622
ENSMUSG00000077771	9.196874066	8.347406925	5.649208382	3.221830688	0.716194586
ENSMUSG00000077772	9.904325918	7.651789682	9.886114669	4.832746033	7.87814045
ENSMUSG00000077776	12.02668147	4.173703463	7.767661525	4.832746033	4.297167518
ENSMUSG00000077777	76.40479994	133.5585108	108.7472614	78.12939419	78.06520991
ENSMUSG00000077780	14.14903703	14.60796212	16.94762515	7.249119049	10.02672421
ENSMUSG00000077782	9.904325918	8.347406925	8.473812573	2.416373016	6.445751277
ENSMUSG00000077783	10.61177777	9.043024169	9.886114669	2.416373016	5.013362104
ENSMUSG00000077784	9.196874066	5.56493795	11.29841676	9.665492065	5.729556691
ENSMUSG00000077785	19.10119998	45.91073809	36.01370344	24.96918783	42.97167518
ENSMUSG00000077786	7.781970364	7.651789682	6.35535943	12.08186508	6.445751277
ENSMUSG00000077787	4.952162959	6.956172438	12.71071886	9.665492065	11.45911338
ENSMUSG00000077789	11.31922962	27.12907251	15.53532305	8.860034393	15.7562809
ENSMUSG00000077791	10.61177777	6.260555194	4.943057334	7.249119049	8.594335036
ENSMUSG00000077792	13.44158517	4.869320706	7.767661525	5.638203705	7.161945863
ENSMUSG00000077793	2.829807405	2.782468975	2.824604191	2.416373016	3.580972932

ENSMUSG00000077794	8.489422215	3.478086219	11.29841676	3.221830688	4.297167518
ENSMUSG00000077795	14.85648888	15.30357936	14.12302096	6.443661377	10.7429188
ENSMUSG00000077796	9.904325918	12.52111039	8.473812573	9.665492065	10.7429188
ENSMUSG00000077797	0	0	0	0	0
ENSMUSG00000077799	9.904325918	13.21672763	4.943057334	7.249119049	11.45911338
ENSMUSG00000077802	109.6550369	198.2509145	163.8270431	121.6241085	100.9834367
ENSMUSG00000077804	14.85648888	18.08604834	21.18453143	16.91461111	20.05344842
ENSMUSG00000077807	7.781970364	4.173703463	5.649208382	5.638203705	5.729556691
ENSMUSG00000077812	8.489422215	9.043024169	6.35535943	8.054576721	4.297167518
ENSMUSG00000077815	1.414903703	0.695617244	0.706151048	0	1.432389173
ENSMUSG00000077816	7.074518513	4.173703463	7.061510478	5.638203705	3.580972932
ENSMUSG00000077821	12.73413332	7.651789682	4.236906287	8.054576721	6.445751277
ENSMUSG00000077829	7.074518513	7.651789682	4.236906287	4.832746033	6.445751277
ENSMUSG00000077830	9.196874066	8.347406925	7.061510478	10.47094974	7.87814045
ENSMUSG00000077832	6.367066661	9.738641413	4.943057334	3.221830688	6.445751277
ENSMUSG00000077834	0	0	0	0	0
ENSMUSG00000077836	9.196874066	7.651789682	7.061510478	7.249119049	14.32389173
ENSMUSG00000077839	5.65961481	4.869320706	3.530755239	8.054576721	9.310529622
ENSMUSG00000077841	10.61177777	6.260555194	4.943057334	4.02728836	6.445751277
ENSMUSG00000077844	9.904325918	11.82549314	6.35535943	5.638203705	9.310529622
ENSMUSG00000077846	9.196874066	9.738641413	7.061510478	3.221830688	7.161945863
ENSMUSG00000077847	1.414903703	2.086851731	2.118453143	0	1.432389173
ENSMUSG00000077851	5.65961481	8.347406925	7.767661525	7.249119049	8.594335036
ENSMUSG00000077852	10.61177777	9.043024169	9.179963621	4.02728836	5.013362104
ENSMUSG00000077857	5.65961481	3.478086219	4.943057334	0.805457672	2.148583759
ENSMUSG00000077858	6.367066661	4.173703463	2.118453143	5.638203705	2.864778345
ENSMUSG00000077860	7.074518513	6.260555194	5.649208382	7.249119049	8.594335036
ENSMUSG00000077863	9.904325918	4.173703463	7.767661525	1.610915344	5.013362104
ENSMUSG00000077869	4.952162959	4.869320706	2.824604191	0	1.432389173
ENSMUSG00000077870	12.02668147	20.86851731	12.71071886	16.91461111	20.05344842
ENSMUSG00000077872	0	0	0	0	0
ENSMUSG00000077876	9.904325918	8.347406925	11.29841676	6.443661377	10.02672421
ENSMUSG00000077879	0	0	0	0	0
ENSMUSG00000077881	0	0	0	0	0
ENSMUSG00000077884	9.196874066	6.260555194	6.35535943	3.221830688	5.013362104
ENSMUSG00000077886	0	0.695617244	0.706151048	0	0
ENSMUSG00000077890	0	0	0.706151048	0	0.716194586
ENSMUSG00000077892	7.074518513	6.260555194	9.179963621	10.47094974	7.87814045
ENSMUSG00000077896	11.31922962	4.173703463	6.35535943	4.832746033	5.729556691
ENSMUSG00000077897	7.074518513	4.173703463	7.767661525	1.610915344	6.445751277
ENSMUSG00000077902	4.952162959	6.956172438	8.473812573	6.443661377	7.87814045
ENSMUSG00000077903	0	0	0	0	0
ENSMUSG00000077921	9.904325918	7.651789682	6.35535943	3.221830688	3.580972932

ENSMUSG00000077923	13.44158517	22.2597518	17.65377619	15.30369577	17.18867007
ENSMUSG00000077925	0	0	0	0	0
ENSMUSG00000077928	11.31922962	3.478086219	4.236906287	7.249119049	9.310529622
ENSMUSG00000077931	9.904325918	12.52111039	14.12302096	24.96918783	13.60769714
ENSMUSG00000077938	7.074518513	4.869320706	7.767661525	6.443661377	7.161945863
ENSMUSG00000077939	10.61177777	4.173703463	7.767661525	5.638203705	8.594335036
ENSMUSG00000077941	0	0	0	0	0
ENSMUSG00000077948	7.074518513	10.43425866	9.179963621	8.054576721	2.864778345
ENSMUSG00000077954	0	0	0	0	0
ENSMUSG00000077962	7.074518513	7.651789682	10.59226572	5.638203705	7.161945863
ENSMUSG00000077964	9.196874066	9.043024169	5.649208382	4.832746033	4.297167518
ENSMUSG00000077965	8.489422215	10.43425866	16.94762515	15.30369577	18.62105924
ENSMUSG00000077966	9.904325918	9.043024169	9.179963621	2.416373016	8.594335036
ENSMUSG00000077967	66.50047402	99.47326586	86.85657888	90.21125927	80.21379367
ENSMUSG00000077971	7.781970364	10.43425866	6.35535943	4.832746033	5.729556691
ENSMUSG00000077972	0	0	0	0	0
ENSMUSG00000077973	7.781970364	9.738641413	3.530755239	6.443661377	6.445751277
ENSMUSG00000077976	37.49494812	48.69320706	33.89525029	20.94189947	32.94495097
ENSMUSG00000077980	0	0	0	0	0
ENSMUSG00000077981	0	0	0	0	0
ENSMUSG00000077990	43.86201478	66.08363816	79.7950684	43.49471429	58.01176149
ENSMUSG00000077991	0	0	0	0	0
ENSMUSG00000077995	4.952162959	5.56493795	5.649208382	9.665492065	3.580972932
ENSMUSG00000077996	5.65961481	3.478086219	9.886114669	6.443661377	6.445751277
ENSMUSG00000077998	0	0	0	0	0
ENSMUSG00000077999	296.4223257	296.3329458	300.8203463	347.9577143	282.180667
ENSMUSG00000078002	0	0	0	0	0
ENSMUSG00000078006	10.61177777	12.52111039	9.886114669	3.221830688	5.013362104
ENSMUSG00000078008	0	0	0	0	0
ENSMUSG00000078010	13.44158517	20.86851731	24.71528667	11.27640741	12.17530797
ENSMUSG00000078012	10.61177777	3.478086219	10.59226572	8.860034393	7.161945863
ENSMUSG00000078017	0	0	0	0	0
ENSMUSG00000078020	2.122355554	6.260555194	3.530755239	4.02728836	5.013362104
ENSMUSG00000078024	2.122355554	1.391234488	4.236906287	0.805457672	1.432389173
ENSMUSG00000078025	0	0	0	0	0
ENSMUSG00000078026	0	0	0	0	0
ENSMUSG00000078027	0	0	0	0	0
ENSMUSG00000078031	0	0	0	0	0
ENSMUSG00000078032	0	0	0	0	0
ENSMUSG00000078034	4.952162959	4.869320706	3.530755239	1.610915344	2.148583759
ENSMUSG00000078035	0	0	0	0	0
ENSMUSG00000078036	12.73413332	6.956172438	12.00456781	9.665492065	15.7562809
ENSMUSG00000078038	0	0	0	0.805457672	0.716194586

ENSMUSG00000078041	0	0	0	0	0
ENSMUSG00000078042	7.074518513	3.478086219	7.767661525	4.832746033	7.161945863
ENSMUSG00000078057	3.537259256	6.956172438	2.824604191	5.638203705	6.445751277
ENSMUSG00000078060	0	0	0	0	0
ENSMUSG00000078061	9.196874066	12.52111039	5.649208382	7.249119049	8.594335036
ENSMUSG00000078062	292.8850664	284.5074527	268.3373982	284.3265582	237.0604081
ENSMUSG00000078080	10.61177777	6.260555194	10.59226572	8.054576721	6.445751277
ENSMUSG00000078087	9.904325918	7.651789682	12.71071886	10.47094974	7.87814045
ENSMUSG00000078097	3.537259256	0.695617244	2.118453143	2.416373016	3.580972932
ENSMUSG00000078116	11.31922962	6.260555194	7.061510478	5.638203705	5.013362104
ENSMUSG00000078122	1.414903703	5.56493795	5.649208382	3.221830688	4.297167518
ENSMUSG00000078123	7.074518513	6.260555194	2.824604191	1.610915344	6.445751277
ENSMUSG00000078125	11.31922962	21.56413456	26.12758877	13.69278043	17.90486466
ENSMUSG00000078126	9.196874066	6.956172438	13.41686991	9.665492065	10.7429188
ENSMUSG00000078128	103.2879703	140.5146832	128.5194907	143.3714656	116.7397176
ENSMUSG00000078132	1.414903703	3.478086219	1.412302096	6.443661377	5.013362104
ENSMUSG00000078141	16.97884443	11.1298759	12.71071886	7.249119049	12.17530797
ENSMUSG00000078143	40.32475552	75.12666233	75.55816211	48.32746033	55.86317773
ENSMUSG00000078151	14.85648888	17.39043109	16.94762515	14.4982381	10.7429188
ENSMUSG00000078162	7.781970364	7.651789682	8.473812573	4.02728836	7.161945863
ENSMUSG00000078169	7.781970364	5.56493795	2.824604191	5.638203705	9.310529622
ENSMUSG00000078177	4.244711108	6.260555194	8.473812573	3.221830688	7.161945863
ENSMUSG00000078180	23.34591109	36.17209668	22.59683353	22.55281482	20.769643
ENSMUSG00000078182	10.61177777	7.651789682	11.29841676	8.054576721	7.161945863
ENSMUSG00000078183	8.489422215	14.60796212	10.59226572	8.860034393	9.310529622
ENSMUSG00000078185	31.12788146	40.34580014	45.19366706	31.41284921	42.25548059
ENSMUSG00000078187	8.489422215	7.651789682	5.649208382	12.08186508	11.45911338
ENSMUSG00000078190	1.414903703	0.695617244	1.412302096	0	0
ENSMUSG00000078192	5.65961481	7.651789682	9.179963621	4.02728836	9.310529622
ENSMUSG00000078197	9.904325918	15.30357936	14.829172	16.10915344	19.33725383
ENSMUSG00000078198	8.489422215	6.956172438	9.886114669	11.27640741	5.729556691
ENSMUSG00000078210	6.367066661	6.260555194	3.530755239	3.221830688	6.445751277
ENSMUSG00000078212	9.904325918	6.260555194	4.943057334	1.610915344	0.716194586
ENSMUSG00000078213	4.952162959	1.391234488	2.824604191	1.610915344	2.148583759
ENSMUSG00000078214	6.367066661	1.391234488	2.118453143	3.221830688	3.580972932
ENSMUSG00000078238	13.44158517	18.08604834	18.35992724	20.94189947	27.21539428
ENSMUSG00000078247	11.31922962	10.43425866	13.41686991	7.249119049	8.594335036
ENSMUSG00000078251	9.196874066	4.173703463	8.473812573	8.860034393	8.594335036
ENSMUSG00000078254	7.074518513	8.347406925	6.35535943	5.638203705	7.87814045
ENSMUSG00000078255	7.074518513	8.347406925	9.179963621	4.832746033	9.310529622
ENSMUSG00000078263	12.02668147	4.869320706	4.236906287	6.443661377	5.013362104
ENSMUSG00000078269	10.61177777	8.347406925	14.12302096	8.860034393	10.02672421
ENSMUSG00000078270	7.074518513	6.260555194	7.061510478	3.221830688	7.161945863

ENSMUSG00000078276	10.61177777	6.956172438	9.179963621	4.02728836	10.02672421
ENSMUSG00000078280	9.196874066	9.043024169	5.649208382	4.832746033	4.297167518
ENSMUSG00000078289	6.367066661	6.260555194	9.886114669	4.02728836	10.02672421
ENSMUSG00000078291	8.489422215	7.651789682	11.29841676	5.638203705	9.310529622
ENSMUSG00000078300	17.68629628	13.91234488	16.94762515	8.860034393	13.60769714
ENSMUSG00000078314	2.829807405	3.478086219	3.530755239	0.805457672	2.148583759
ENSMUSG00000078370	4.952162959	9.738641413	12.71071886	6.443661377	10.7429188
ENSMUSG00000078377	15.56394073	11.1298759	14.12302096	15.30369577	20.05344842
ENSMUSG00000078380	9.904325918	11.82549314	15.53532305	6.443661377	15.7562809
ENSMUSG00000078420	7.074518513	6.956172438	4.236906287	5.638203705	5.013362104
ENSMUSG00000078430	7.781970364	6.260555194	9.886114669	6.443661377	5.013362104
ENSMUSG00000078435	41.03220737	78.60474855	62.1412922	49.132918	55.14698315
ENSMUSG00000078480	8.489422215	11.1298759	5.649208382	4.832746033	5.013362104
ENSMUSG00000078481	10.61177777	13.21672763	7.767661525	3.221830688	2.864778345
ENSMUSG00000078488	7.781970364	7.651789682	12.00456781	7.249119049	9.310529622
ENSMUSG00000078489	11.31922962	6.956172438	7.061510478	8.860034393	7.161945863
ENSMUSG00000078492	4.952162959	12.52111039	9.886114669	5.638203705	11.45911338
ENSMUSG00000078494	7.074518513	4.869320706	4.943057334	5.638203705	6.445751277
ENSMUSG00000078505	8.489422215	6.260555194	9.179963621	8.054576721	8.594335036
ENSMUSG00000078506	9.904325918	5.56493795	4.943057334	4.02728836	8.594335036
ENSMUSG00000078508	7.781970364	6.260555194	2.824604191	1.610915344	3.580972932
ENSMUSG00000078509	6.367066661	6.260555194	7.061510478	4.832746033	5.729556691
ENSMUSG00000078519	1.414903703	2.782468975	1.412302096	1.610915344	0.716194586
ENSMUSG00000078525	0	0	0	0	0
ENSMUSG00000078528	16.97884443	29.21592424	36.01370344	22.55281482	34.37734014
ENSMUSG00000078531	7.781970364	5.56493795	5.649208382	9.665492065	5.729556691
ENSMUSG00000078552	15.56394073	10.43425866	18.35992724	9.665492065	17.18867007
ENSMUSG00000078575	8.489422215	9.043024169	4.236906287	4.02728836	7.161945863
ENSMUSG00000078586	8.489422215	6.956172438	2.824604191	8.860034393	7.161945863
ENSMUSG00000078590	12.73413332	6.260555194	9.179963621	8.054576721	7.87814045
ENSMUSG00000078592	6.367066661	5.56493795	3.530755239	2.416373016	2.864778345
ENSMUSG00000078600	12.02668147	7.651789682	7.061510478	7.249119049	5.729556691
ENSMUSG00000078601	7.074518513	4.173703463	4.236906287	3.221830688	5.729556691
ENSMUSG00000078604	26.88317035	42.43265187	41.66291182	37.05105292	32.94495097
ENSMUSG00000078607	4.952162959	6.260555194	5.649208382	4.832746033	1.432389173
ENSMUSG00000078611	8.489422215	9.738641413	9.886114669	4.02728836	7.87814045
ENSMUSG00000078616	8.489422215	13.21672763	10.59226572	7.249119049	10.7429188
ENSMUSG00000078618	9.904325918	2.782468975	6.35535943	4.832746033	6.445751277
ENSMUSG00000078620	16.97884443	27.12907251	25.42143772	18.52552646	15.04008631
ENSMUSG00000078621	7.074518513	7.651789682	4.236906287	4.02728836	3.580972932
ENSMUSG00000078632	7.074518513	2.086851731	7.061510478	2.416373016	8.594335036
ENSMUSG00000078635	1.414903703	0.695617244	1.412302096	2.416373016	1.432389173
ENSMUSG00000078636	13.44158517	9.043024169	12.00456781	11.27640741	5.729556691

ENSMUSG00000078655	9.904325918	11.82549314	9.886114669	7.249119049	10.7429188
ENSMUSG00000078677	36.08004441	43.12826911	44.48751601	53.96566403	40.82309142
ENSMUSG00000078684	41.73965922	61.9099347	60.02283906	81.35122488	84.51096119
ENSMUSG00000078685	10.61177777	4.869320706	9.886114669	4.832746033	3.580972932
ENSMUSG00000078691	8.489422215	7.651789682	12.71071886	12.08186508	5.013362104
ENSMUSG00000078700	18.39374813	29.91154148	26.83373982	28.9964762	32.22875639
ENSMUSG00000078735	2.829807405	0.695617244	4.943057334	6.443661377	1.432389173
ENSMUSG00000078737	11.31922962	8.347406925	12.00456781	8.860034393	7.87814045
ENSMUSG00000078742	2.829807405	3.478086219	4.236906287	3.221830688	1.432389173
ENSMUSG00000078753	8.489422215	6.956172438	8.473812573	6.443661377	4.297167518
ENSMUSG00000078754	7.781970364	6.956172438	4.943057334	7.249119049	9.310529622
ENSMUSG00000078757	5.65961481	3.478086219	8.473812573	6.443661377	7.87814045
ENSMUSG00000078779	24.05336294	25.73783802	28.95219296	27.38556085	30.08017263
ENSMUSG00000078796	11.31922962	13.21672763	7.767661525	10.47094974	9.310529622
ENSMUSG00000078838	16.97884443	22.2597518	20.47838039	31.41284921	34.37734014
ENSMUSG00000078840	7.074518513	4.173703463	7.061510478	4.832746033	5.729556691
ENSMUSG00000078847	7.781970364	10.43425866	9.179963621	4.02728836	2.864778345
ENSMUSG00000078850	6.367066661	5.56493795	9.886114669	4.02728836	5.729556691
ENSMUSG00000078864	12.73413332	15.30357936	14.829172	19.33098413	14.32389173
ENSMUSG00000078868	14.14903703	8.347406925	12.71071886	10.47094974	11.45911338
ENSMUSG00000078869	12.73413332	7.651789682	9.886114669	8.860034393	8.594335036
ENSMUSG00000078876	5.65961481	5.56493795	9.886114669	4.02728836	9.310529622
ENSMUSG00000078891	10.61177777	7.651789682	8.473812573	5.638203705	7.87814045
ENSMUSG00000078895	4.244711108	2.782468975	2.118453143	3.221830688	3.580972932
ENSMUSG00000078912	8.489422215	5.56493795	5.649208382	8.860034393	5.729556691
ENSMUSG00000078915	7.781970364	7.651789682	2.824604191	5.638203705	8.594335036
ENSMUSG00000078917	7.074518513	6.956172438	7.767661525	6.443661377	15.7562809
ENSMUSG00000078925	7.781970364	7.651789682	9.179963621	3.221830688	5.013362104
ENSMUSG00000078926	2.829807405	2.086851731	0.706151048	0.805457672	1.432389173
ENSMUSG00000078934	11.31922962	8.347406925	5.649208382	3.221830688	3.580972932
ENSMUSG00000078952	10.61177777	4.869320706	4.236906287	1.610915344	5.013362104
ENSMUSG00000078953	3.537259256	0.695617244	1.412302096	0	0
ENSMUSG00000078955	6.367066661	9.738641413	4.943057334	5.638203705	3.580972932
ENSMUSG00000078957	10.61177777	4.869320706	5.649208382	8.860034393	7.87814045
ENSMUSG00000078962	9.904325918	8.347406925	9.179963621	4.832746033	5.729556691
ENSMUSG00000078965	11.31922962	8.347406925	4.943057334	8.054576721	5.013362104
ENSMUSG00000078967	5.65961481	6.956172438	11.29841676	6.443661377	8.594335036
ENSMUSG00000078982	11.31922962	15.30357936	16.94762515	14.4982381	9.310529622
ENSMUSG00000078984	13.44158517	9.738641413	10.59226572	8.054576721	5.729556691
ENSMUSG00000078991	7.074518513	4.869320706	7.767661525	2.416373016	8.594335036
ENSMUSG00000079000	7.074518513	16.69481385	16.2414741	8.054576721	17.18867007
ENSMUSG00000079003	7.781970364	5.56493795	8.473812573	29.80193387	16.47247549
ENSMUSG00000079010	7.781970364	13.21672763	11.29841676	7.249119049	9.310529622



ENSMUSG00000079011	5.65961481	5.56493795	7.061510478	9.665492065	7.161945863
ENSMUSG00000079016	3.537259256	4.173703463	4.943057334	0	2.864778345
ENSMUSG00000079024	7.074518513	4.869320706	10.59226572	4.02728836	5.013362104
ENSMUSG00000079030	9.196874066	11.1298759	7.767661525	5.638203705	9.310529622
ENSMUSG00000079038	14.14903703	6.956172438	14.829172	4.832746033	5.729556691
ENSMUSG00000079039	9.196874066	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG00000079045	4.244711108	2.086851731	3.530755239	2.416373016	2.864778345
ENSMUSG00000079048	7.074518513	11.1298759	6.35535943	5.638203705	2.864778345
ENSMUSG00000079051	3.537259256	10.43425866	8.473812573	5.638203705	8.594335036
ENSMUSG00000079053	6.367066661	4.869320706	4.236906287	44.30017197	38.67450766
ENSMUSG00000079061	9.904325918	3.478086219	4.943057334	4.832746033	5.013362104
ENSMUSG00000079064	8.489422215	5.56493795	4.236906287	4.832746033	6.445751277
ENSMUSG00000079067	8.489422215	13.21672763	7.767661525	5.638203705	6.445751277
ENSMUSG00000079070	7.781970364	9.043024169	2.824604191	8.860034393	7.87814045
ENSMUSG00000079093	12.02668147	8.347406925	4.236906287	4.832746033	5.729556691
ENSMUSG00000079101	14.85648888	9.043024169	9.179963621	1.610915344	5.729556691
ENSMUSG00000079137	12.02668147	6.956172438	14.829172	6.443661377	13.60769714
ENSMUSG00000079138	16.97884443	23.65098629	28.24604191	57.99295239	65.88990194
ENSMUSG00000079139	12.73413332	7.651789682	14.12302096	9.665492065	12.17530797
ENSMUSG00000079140	10.61177777	4.869320706	9.886114669	5.638203705	4.297167518
ENSMUSG00000079143	11.31922962	15.99919661	12.71071886	8.860034393	12.17530797
ENSMUSG00000079146	9.904325918	13.91234488	8.473812573	8.054576721	4.297167518
ENSMUSG00000079157	9.904325918	9.043024169	3.530755239	3.221830688	7.161945863
ENSMUSG00000079163	3.537259256	13.21672763	6.35535943	5.638203705	11.45911338
ENSMUSG00000079169	9.196874066	4.173703463	7.767661525	4.02728836	4.297167518
ENSMUSG00000079170	10.61177777	7.651789682	4.943057334	3.221830688	5.729556691
ENSMUSG00000079171	7.781970364	6.260555194	7.767661525	7.249119049	5.013362104
ENSMUSG00000079174	5.65961481	2.782468975	4.236906287	8.860034393	7.87814045
ENSMUSG00000079175	12.02668147	11.1298759	4.236906287	5.638203705	8.594335036
ENSMUSG00000079179	12.02668147	18.78166558	18.35992724	35.44013757	35.80972932
ENSMUSG00000079223	17.68629628	11.82549314	12.71071886	12.88732275	16.47247549
ENSMUSG00000079224	7.781970364	14.60796212	8.473812573	12.88732275	9.310529622
ENSMUSG00000079225	15.56394073	13.21672763	12.71071886	15.30369577	12.17530797
ENSMUSG00000079230	9.196874066	6.260555194	5.649208382	8.860034393	8.594335036
ENSMUSG00000079239	7.781970364	11.1298759	4.943057334	5.638203705	6.445751277
ENSMUSG00000079247	12.73413332	7.651789682	9.179963621	6.443661377	12.89150255
ENSMUSG00000079258	4.952162959	9.043024169	12.71071886	7.249119049	3.580972932
ENSMUSG00000079261	8.489422215	8.347406925	7.767661525	8.054576721	7.87814045
ENSMUSG00000079264	7.781970364	6.956172438	6.35535943	4.832746033	5.729556691
ENSMUSG00000079266	16.27139258	13.21672763	23.30298458	6.443661377	10.7429188
ENSMUSG00000079272	14.14903703	7.651789682	14.829172	10.47094974	12.17530797
ENSMUSG00000079273	10.61177777	6.260555194	9.886114669	8.054576721	4.297167518
ENSMUSG00000079276	10.61177777	8.347406925	2.824604191	4.832746033	4.297167518

ENSMUSG00000079286	14.14903703	34.78086219	28.24604191	17.72006879	10.02672421
ENSMUSG00000079295	8.489422215	4.173703463	7.767661525	9.665492065	11.45911338
ENSMUSG00000079297	11.31922962	6.260555194	6.35535943	8.054576721	7.161945863
ENSMUSG00000079299	6.367066661	9.738641413	5.649208382	4.02728836	5.729556691
ENSMUSG00000079311	9.196874066	6.956172438	7.061510478	6.443661377	4.297167518
ENSMUSG00000079323	14.14903703	25.04222078	18.35992724	76.51847885	49.41742646
ENSMUSG00000079326	3.537259256	3.478086219	3.530755239	4.832746033	3.580972932
ENSMUSG00000079333	7.074518513	9.738641413	6.35535943	8.860034393	10.02672421
ENSMUSG00000079342	8.489422215	10.43425866	6.35535943	5.638203705	5.013362104
ENSMUSG00000079344	10.61177777	8.347406925	5.649208382	10.47094974	5.729556691
ENSMUSG00000079353	7.074518513	5.56493795	5.649208382	5.638203705	2.148583759
ENSMUSG00000079356	65.08557032	75.12666233	50.84287544	84.57305557	63.74131818
ENSMUSG00000079357	11.31922962	6.956172438	9.179963621	8.860034393	10.02672421
ENSMUSG00000079359	6.367066661	7.651789682	8.473812573	6.443661377	5.013362104
ENSMUSG00000079360	11.31922962	9.043024169	7.061510478	6.443661377	4.297167518
ENSMUSG00000079374	6.367066661	4.173703463	2.118453143	4.02728836	2.148583759
ENSMUSG00000079379	7.074518513	4.173703463	7.767661525	7.249119049	5.013362104
ENSMUSG00000079380	9.904325918	5.56493795	14.12302096	4.02728836	7.161945863
ENSMUSG00000079382	7.781970364	9.043024169	10.59226572	6.443661377	5.013362104
ENSMUSG00000079383	9.196874066	11.82549314	12.71071886	9.665492065	7.161945863
ENSMUSG00000079386	12.73413332	9.043024169	9.179963621	8.054576721	7.161945863
ENSMUSG00000079392	8.489422215	9.043024169	7.767661525	8.054576721	7.87814045
ENSMUSG00000079407	9.196874066	5.56493795	9.179963621	3.221830688	3.580972932
ENSMUSG00000079416	7.781970364	6.956172438	6.35535943	1.610915344	8.594335036
ENSMUSG00000079433	6.367066661	8.347406925	9.179963621	8.054576721	10.7429188
ENSMUSG00000079438	9.904325918	9.043024169	7.767661525	6.443661377	9.310529622
ENSMUSG00000079439	7.074518513	9.738641413	9.886114669	7.249119049	6.445751277
ENSMUSG00000079455	36.78749627	34.08524495	31.77679715	52.35474869	32.22875639
ENSMUSG00000079457	49.52162959	60.51870021	50.84287544	67.65844446	66.60609653
ENSMUSG00000079467	91.26128881	118.2549314	100.9795998	244.8591323	171.1705061
ENSMUSG00000079489	57.30359995	82.08283477	65.67204744	81.35122488	59.44415067
ENSMUSG00000079497	9.904325918	6.956172438	6.35535943	6.443661377	6.445751277
ENSMUSG00000079499	0	0	0	0	0
ENSMUSG00000079501	12.02668147	7.651789682	10.59226572	16.10915344	10.02672421
ENSMUSG00000079505	51.64398514	87.64777272	59.31668801	203.780791	141.8065281
ENSMUSG00000079524	12.02668147	9.043024169	7.061510478	11.27640741	7.87814045
ENSMUSG00000079528	13.44158517	6.956172438	7.061510478	1.610915344	7.87814045
ENSMUSG00000079532	0	4.173703463	3.530755239	4.02728836	6.445751277
ENSMUSG00000079536	5.65961481	5.56493795	2.118453143	2.416373016	2.148583759
ENSMUSG00000079537	10.61177777	8.347406925	7.061510478	4.832746033	5.729556691
ENSMUSG00000079542	3.537259256	12.52111039	5.649208382	4.832746033	6.445751277
ENSMUSG00000079543	9.196874066	12.52111039	9.179963621	5.638203705	10.02672421
ENSMUSG00000079544	5.65961481	6.956172438	10.59226572	9.665492065	3.580972932

ENSMUSG00000079546	13.44158517	7.651789682	11.29841676	5.638203705	4.297167518
ENSMUSG00000079575	8.489422215	9.738641413	8.473812573	5.638203705	10.02672421
ENSMUSG00000079577	4.244711108	3.478086219	5.649208382	1.610915344	3.580972932
ENSMUSG00000079578	1.414903703	7.651789682	2.118453143	0.805457672	2.864778345
ENSMUSG00000079595	9.904325918	7.651789682	8.473812573	5.638203705	11.45911338
ENSMUSG00000079600	4.244711108	2.782468975	2.824604191	4.02728836	2.148583759
ENSMUSG00000079603	7.781970364	6.956172438	7.767661525	6.443661377	7.161945863
ENSMUSG00000079604	8.489422215	6.956172438	7.767661525	2.416373016	6.445751277
ENSMUSG00000079645	14.14903703	11.1298759	11.29841676	11.27640741	7.87814045
ENSMUSG00000079649	4.244711108	4.869320706	6.35535943	4.02728836	2.148583759
ENSMUSG00000079669	6.367066661	4.173703463	5.649208382	7.249119049	5.729556691
ENSMUSG00000079671	14.14903703	4.173703463	5.649208382	11.27640741	7.87814045
ENSMUSG00000079693	12.02668147	7.651789682	7.061510478	12.08186508	7.87814045
ENSMUSG00000079697	5.65961481	1.391234488	4.236906287	2.416373016	5.013362104
ENSMUSG00000079698	7.781970364	9.738641413	8.473812573	4.02728836	7.161945863
ENSMUSG00000079699	7.074518513	6.956172438	4.236906287	3.221830688	3.580972932
ENSMUSG00000079704	4.244711108	3.478086219	3.530755239	0.805457672	2.148583759
ENSMUSG00000079711	9.904325918	7.651789682	8.473812573	5.638203705	10.7429188
ENSMUSG00000079722	12.73413332	7.651789682	7.767661525	7.249119049	12.17530797
ENSMUSG00000079740	15.56394073	10.43425866	11.29841676	9.665492065	9.310529622
ENSMUSG00000079741	10.61177777	6.260555194	4.943057334	1.610915344	3.580972932
ENSMUSG00000079797	0	0	0	0	0
ENSMUSG00000079871	9.904325918	7.651789682	8.473812573	6.443661377	9.310529622
ENSMUSG00000079875	7.074518513	9.738641413	14.12302096	4.02728836	5.013362104
ENSMUSG00000079884	9.196874066	13.91234488	17.65377619	17.72006879	18.62105924
ENSMUSG00000079889	14.85648888	7.651789682	7.767661525	8.860034393	10.7429188
ENSMUSG00000079890	3.537259256	4.173703463	1.412302096	3.221830688	4.297167518
ENSMUSG00000079892	7.781970364	9.043024169	7.061510478	3.221830688	7.161945863
ENSMUSG00000079893	6.367066661	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000079906	14.14903703	21.56413456	13.41686991	11.27640741	17.90486466
ENSMUSG00000079915	6.367066661	4.173703463	5.649208382	5.638203705	6.445751277
ENSMUSG00000079941	7.781970364	5.56493795	7.767661525	7.249119049	7.161945863
ENSMUSG00000079942	14.14903703	7.651789682	7.767661525	13.69278043	6.445751277
ENSMUSG00000079962	7.074518513	7.651789682	7.767661525	4.832746033	10.02672421
ENSMUSG00000079963	4.244711108	1.391234488	2.118453143	1.610915344	2.864778345
ENSMUSG00000079965	12.73413332	11.82549314	15.53532305	10.47094974	10.7429188
ENSMUSG00000079966	12.73413332	11.82549314	10.59226572	7.249119049	9.310529622
ENSMUSG00000079988	12.73413332	14.60796212	22.59683353	15.30369577	7.87814045
ENSMUSG00000079993	7.781970364	6.956172438	9.179963621	6.443661377	4.297167518
ENSMUSG00000079998	9.904325918	8.347406925	7.061510478	4.02728836	3.580972932
ENSMUSG00000080002	4.244711108	4.869320706	4.236906287	1.610915344	6.445751277
ENSMUSG00000080006	10.61177777	4.173703463	9.179963621	4.02728836	5.013362104
ENSMUSG00000080021	148.5648888	201.7290007	177.950064	209.4189947	178.332452

ENSMUSG00000080046	4.952162959	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000080050	2.829807405	1.391234488	2.824604191	3.221830688	2.864778345
ENSMUSG00000080051	4.244711108	1.391234488	4.236906287	3.221830688	0
ENSMUSG00000080054	8.489422215	10.43425866	10.59226572	8.054576721	5.729556691
ENSMUSG00000080057	9.904325918	11.1298759	5.649208382	5.638203705	8.594335036
ENSMUSG00000080058	41.03220737	71.64857611	67.79050059	334.2649339	224.1689055
ENSMUSG00000080059	19.10119998	9.043024169	9.179963621	9.665492065	11.45911338
ENSMUSG00000080065	10.61177777	5.56493795	7.061510478	4.02728836	7.161945863
ENSMUSG00000080069	1.414903703	4.173703463	3.530755239	4.02728836	4.297167518
ENSMUSG00000080071	5.65961481	5.56493795	2.824604191	1.610915344	1.432389173
ENSMUSG00000080072	6.367066661	3.478086219	4.943057334	3.221830688	1.432389173
ENSMUSG00000080073	9.904325918	2.782468975	7.061510478	5.638203705	2.864778345
ENSMUSG00000080076	8.489422215	11.1298759	4.236906287	9.665492065	5.013362104
ENSMUSG00000080078	18.39374813	12.52111039	5.649208382	9.665492065	5.729556691
ENSMUSG00000080142	10.61177777	9.043024169	6.35535943	5.638203705	5.013362104
ENSMUSG00000080152	9.904325918	16.69481385	12.00456781	4.832746033	6.445751277
ENSMUSG00000080155	4.244711108	2.086851731	4.943057334	4.02728836	2.864778345
ENSMUSG00000080158	6.367066661	12.52111039	9.886114669	4.02728836	5.729556691
ENSMUSG00000080175	10.61177777	10.43425866	7.061510478	6.443661377	7.87814045
ENSMUSG00000080180	16.97884443	11.1298759	10.59226572	11.27640741	7.87814045
ENSMUSG00000080186	13.44158517	4.173703463	3.530755239	5.638203705	4.297167518
ENSMUSG00000080193	10.61177777	9.043024169	13.41686991	5.638203705	8.594335036
ENSMUSG00000080198	12.73413332	7.651789682	12.71071886	10.47094974	7.87814045
ENSMUSG00000080205	9.904325918	9.738641413	4.236906287	4.02728836	7.161945863
ENSMUSG00000080222	10.61177777	7.651789682	9.179963621	4.832746033	6.445751277
ENSMUSG00000080223	9.196874066	4.869320706	7.767661525	4.832746033	9.310529622
ENSMUSG00000080227	6.367066661	12.52111039	11.29841676	5.638203705	13.60769714
ENSMUSG00000080237	84.1867703	137.7322143	114.3964697	103.098582	83.7947666
ENSMUSG00000080241	2.122355554	2.782468975	2.824604191	3.221830688	2.148583759
ENSMUSG00000080242	7.781970364	11.1298759	11.29841676	8.860034393	15.04008631
ENSMUSG00000080250	4.952162959	6.260555194	5.649208382	1.610915344	2.864778345
ENSMUSG00000080254	0	0	0	0	0.716194586
ENSMUSG00000080266	4.244711108	3.478086219	4.943057334	4.02728836	3.580972932
ENSMUSG00000080283	7.781970364	5.56493795	5.649208382	7.249119049	2.148583759
ENSMUSG00000080298	5.65961481	4.869320706	3.530755239	0.805457672	5.729556691
ENSMUSG00000080299	2.829807405	3.478086219	2.118453143	0	3.580972932
ENSMUSG00000080300	2.829807405	5.56493795	4.943057334	3.221830688	0.716194586
ENSMUSG00000080303	14.14903703	11.82549314	6.35535943	6.443661377	12.17530797
ENSMUSG00000080317	2.122355554	9.043024169	7.061510478	5.638203705	5.013362104
ENSMUSG00000080321	4.952162959	2.782468975	3.530755239	4.02728836	0.716194586
ENSMUSG00000080326	14.14903703	8.347406925	9.179963621	3.221830688	7.87814045
ENSMUSG00000080330	1.414903703	3.478086219	3.530755239	4.02728836	2.864778345
ENSMUSG00000080331	6.367066661	3.478086219	4.236906287	2.416373016	0

ENSMUSG00000080334	11.31922962	6.260555194	15.53532305	7.249119049	10.02672421
ENSMUSG00000080336	8.489422215	11.1298759	7.767661525	4.02728836	7.87814045
ENSMUSG00000080342	3.537259256	6.956172438	7.767661525	12.08186508	7.87814045
ENSMUSG00000080345	9.904325918	10.43425866	10.59226572	6.443661377	4.297167518
ENSMUSG00000080346	8.489422215	9.043024169	7.767661525	4.02728836	4.297167518
ENSMUSG00000080347	9.196874066	7.651789682	7.061510478	7.249119049	8.594335036
ENSMUSG00000080348	9.196874066	6.260555194	7.767661525	4.832746033	7.87814045
ENSMUSG00000080349	9.196874066	6.956172438	9.179963621	5.638203705	4.297167518
ENSMUSG00000080350	4.952162959	5.56493795	10.59226572	4.832746033	7.161945863
ENSMUSG00000080352	0	0	0	0	0
ENSMUSG00000080356	0	0	0	0.805457672	0.716194586
ENSMUSG00000080358	15.56394073	11.1298759	11.29841676	9.665492065	9.310529622
ENSMUSG00000080359	7.074518513	6.956172438	7.061510478	3.221830688	5.013362104
ENSMUSG00000080360	12.73413332	9.738641413	10.59226572	4.02728836	11.45911338
ENSMUSG00000080363	7.074518513	7.651789682	9.179963621	5.638203705	5.013362104
ENSMUSG00000080364	12.73413332	15.30357936	9.886114669	49.93837567	34.37734014
ENSMUSG00000080365	34.66514071	43.82388636	36.71985448	27.38556085	36.5259239
ENSMUSG00000080366	8.489422215	5.56493795	4.943057334	4.02728836	7.87814045
ENSMUSG00000080367	4.244711108	2.086851731	3.530755239	0	0.716194586
ENSMUSG00000080368	4.952162959	6.956172438	9.886114669	5.638203705	4.297167518
ENSMUSG00000080370	9.904325918	11.1298759	7.061510478	11.27640741	11.45911338
ENSMUSG00000080374	55.88869625	70.25734162	84.03197468	149.815127	126.0502472
ENSMUSG00000080378	6.367066661	5.56493795	4.236906287	6.443661377	3.580972932
ENSMUSG00000080380	2.829807405	6.260555194	7.061510478	3.221830688	2.864778345
ENSMUSG00000080383	12.73413332	6.260555194	5.649208382	4.832746033	6.445751277
ENSMUSG00000080384	61.54831106	96.69079689	80.50121945	53.96566403	78.7814045
ENSMUSG00000080385	10.61177777	7.651789682	3.530755239	8.860034393	7.161945863
ENSMUSG00000080390	9.904325918	11.1298759	7.767661525	6.443661377	9.310529622
ENSMUSG00000080391	11.31922962	10.43425866	5.649208382	4.02728836	5.013362104
ENSMUSG00000080394	2.829807405	4.869320706	4.236906287	8.860034393	4.297167518
ENSMUSG00000080396	77.11225179	102.9513521	83.32582364	167.5351958	123.9016634
ENSMUSG00000080401	7.074518513	11.1298759	7.767661525	4.832746033	2.148583759
ENSMUSG00000080402	10.61177777	3.478086219	7.767661525	3.221830688	5.729556691
ENSMUSG00000080405	0	0	0	0	0
ENSMUSG00000080406	0	0	0.706151048	0	0.716194586
ENSMUSG00000080408	9.196874066	6.956172438	4.943057334	5.638203705	7.161945863
ENSMUSG00000080409	0.707451851	0	0.706151048	0	0
ENSMUSG00000080410	17.68629628	21.56413456	19.06607829	12.08186508	18.62105924
ENSMUSG00000080411	0	0	0	0	0
ENSMUSG00000080412	10.61177777	4.173703463	7.767661525	1.610915344	4.297167518
ENSMUSG00000080413	7.781970364	9.043024169	9.886114669	12.08186508	6.445751277
ENSMUSG00000080415	9.904325918	9.043024169	8.473812573	4.832746033	7.87814045
ENSMUSG00000080419	3.537259256	5.56493795	4.943057334	4.832746033	4.297167518

ENSMUSG00000080424	8.489422215	6.956172438	9.886114669	7.249119049	10.02672421
ENSMUSG00000080425	9.904325918	4.869320706	7.767661525	3.221830688	5.729556691
ENSMUSG00000080426	10.61177777	6.260555194	9.179963621	7.249119049	3.580972932
ENSMUSG00000080427	2.829807405	2.782468975	3.530755239	4.832746033	3.580972932
ENSMUSG00000080428	2.122355554	4.173703463	4.943057334	0.805457672	2.864778345
ENSMUSG00000080430	9.904325918	6.260555194	4.236906287	7.249119049	5.729556691
ENSMUSG00000080432	9.904325918	5.56493795	9.179963621	6.443661377	10.7429188
ENSMUSG00000080434	12.02668147	4.869320706	7.061510478	1.610915344	5.729556691
ENSMUSG00000080437	6.367066661	9.738641413	4.236906287	4.02728836	2.864778345
ENSMUSG00000080440	71.45263698	103.6469693	105.2165061	116.7913625	110.2939663
ENSMUSG00000080441	19.80865184	20.17290007	32.4829482	12.88732275	12.17530797
ENSMUSG00000080443	9.904325918	7.651789682	4.943057334	7.249119049	5.729556691
ENSMUSG00000080445	6.367066661	4.173703463	6.35535943	2.416373016	10.02672421
ENSMUSG00000080451	10.61177777	26.43345526	19.06607829	12.08186508	17.90486466
ENSMUSG00000080452	2.122355554	3.478086219	3.530755239	8.860034393	9.310529622
ENSMUSG00000080454	13.44158517	15.99919661	15.53532305	7.249119049	6.445751277
ENSMUSG00000080455	37.49494812	70.25734162	48.7244223	32.21830688	42.25548059
ENSMUSG00000080459	0	0	0	0	0
ENSMUSG00000080461	75.69734809	116.863697	107.3349593	98.265836	88.09193412
ENSMUSG00000080463	0	0	0	0	0
ENSMUSG00000080465	7.781970364	8.347406925	10.59226572	15.30369577	12.17530797
ENSMUSG00000080467	3.537259256	1.391234488	0.706151048	2.416373016	4.297167518
ENSMUSG00000080468	14.14903703	12.52111039	12.00456781	26.58010318	23.63442135
ENSMUSG00000080469	11.31922962	45.21512085	20.47838039	33.82922223	38.67450766
ENSMUSG00000080473	38.90985182	81.38721752	69.90895373	77.32393652	70.90326405
ENSMUSG00000080474	4.952162959	6.956172438	4.943057334	7.249119049	10.02672421
ENSMUSG00000080476	0	0	0	0	0
ENSMUSG00000080478	11.31922962	14.60796212	16.2414741	33.82922223	19.33725383
ENSMUSG00000080480	4.952162959	4.173703463	2.824604191	3.221830688	5.013362104
ENSMUSG00000080485	0	0	0	0	0
ENSMUSG00000080486	0	0	0	0	0
ENSMUSG00000080487	11.31922962	4.869320706	6.35535943	7.249119049	4.297167518
ENSMUSG00000080495	0	0	0	0	0
ENSMUSG00000080498	7.074518513	3.478086219	3.530755239	3.221830688	2.864778345
ENSMUSG00000080499	5.65961481	7.651789682	9.886114669	9.665492065	7.161945863
ENSMUSG00000080500	0.707451851	0.695617244	0	0	0
ENSMUSG00000080504	0	0	0	0	0
ENSMUSG00000080506	6.367066661	9.043024169	10.59226572	8.054576721	7.161945863
ENSMUSG00000080507	4.952162959	6.260555194	3.530755239	7.249119049	8.594335036
ENSMUSG00000080508	7.074518513	13.21672763	5.649208382	3.221830688	6.445751277
ENSMUSG00000080511	8.489422215	6.956172438	7.061510478	3.221830688	7.161945863
ENSMUSG00000080515	10.61177777	8.347406925	6.35535943	5.638203705	6.445751277
ENSMUSG00000080516	10.61177777	6.956172438	7.767661525	4.02728836	13.60769714

ENSMUSG00000080517	9.904325918	9.043024169	7.061510478	6.443661377	2.864778345
ENSMUSG00000080518	65.08557032	99.47326586	110.8657145	232.7772672	160.4275873
ENSMUSG00000080519	6.367066661	9.043024169	5.649208382	7.249119049	6.445751277
ENSMUSG00000080522	12.02668147	11.1298759	8.473812573	5.638203705	7.87814045
ENSMUSG00000080524	6.367066661	8.347406925	7.061510478	7.249119049	3.580972932
ENSMUSG00000080526	9.196874066	6.956172438	6.35535943	7.249119049	9.310529622
ENSMUSG00000080527	0.707451851	0	0.706151048	0	0.716194586
ENSMUSG00000080529	9.904325918	13.21672763	11.29841676	12.88732275	8.594335036
ENSMUSG00000080530	87.01657771	128.6891901	96.74269354	103.9040397	86.65954495
ENSMUSG00000080533	12.02668147	8.347406925	13.41686991	12.08186508	12.17530797
ENSMUSG00000080536	9.196874066	9.738641413	8.473812573	7.249119049	5.729556691
ENSMUSG00000080538	4.952162959	8.347406925	7.767661525	6.443661377	7.87814045
ENSMUSG00000080539	7.781970364	11.82549314	9.886114669	7.249119049	8.594335036
ENSMUSG00000080540	0	1.391234488	0	0	0.716194586
ENSMUSG00000080542	64.37811846	90.43024169	87.56272992	143.3714656	121.7530797
ENSMUSG00000080543	165.5437332	232.3361594	194.8976892	157.8697037	158.2790036
ENSMUSG00000080544	15.56394073	4.869320706	6.35535943	8.860034393	8.594335036
ENSMUSG00000080545	12.73413332	9.043024169	4.943057334	7.249119049	7.161945863
ENSMUSG00000080547	9.904325918	7.651789682	6.35535943	3.221830688	9.310529622
ENSMUSG00000080549	9.904325918	6.260555194	9.886114669	5.638203705	1.432389173
ENSMUSG00000080555	12.73413332	5.56493795	8.473812573	3.221830688	9.310529622
ENSMUSG00000080556	8.489422215	8.347406925	4.943057334	9.665492065	5.729556691
ENSMUSG00000080557	7.074518513	6.260555194	10.59226572	5.638203705	5.729556691
ENSMUSG00000080558	0	0	0	0	0
ENSMUSG00000080561	7.074518513	6.260555194	7.767661525	6.443661377	8.594335036
ENSMUSG00000080562	6.367066661	9.043024169	5.649208382	5.638203705	9.310529622
ENSMUSG00000080566	7.781970364	5.56493795	7.061510478	2.416373016	6.445751277
ENSMUSG00000080573	77.11225179	113.3856107	110.1595635	178.8116032	153.2656415
ENSMUSG00000080574	25.46826665	42.43265187	33.89525029	27.38556085	35.80972932
ENSMUSG00000080575	167.6660887	185.7298041	210.4330122	234.3881826	198.3859004
ENSMUSG00000080577	7.074518513	6.260555194	9.179963621	4.832746033	8.594335036
ENSMUSG00000080580	7.781970364	9.738641413	10.59226572	6.443661377	7.161945863
ENSMUSG00000080582	2.829807405	0.695617244	4.236906287	1.610915344	4.297167518
ENSMUSG00000080586	11.31922962	5.56493795	5.649208382	4.02728836	2.864778345
ENSMUSG00000080590	7.074518513	7.651789682	4.943057334	5.638203705	7.87814045
ENSMUSG00000080592	6.367066661	7.651789682	6.35535943	4.832746033	7.161945863
ENSMUSG00000080594	0.707451851	0	1.412302096	3.221830688	0.716194586
ENSMUSG00000080595	10.61177777	4.173703463	6.35535943	2.416373016	6.445751277
ENSMUSG00000080596	9.904325918	3.478086219	2.824604191	2.416373016	5.013362104
ENSMUSG00000080597	4.244711108	15.30357936	14.12302096	7.249119049	8.594335036
ENSMUSG00000080600	8.489422215	7.651789682	6.35535943	8.054576721	8.594335036
ENSMUSG00000080601	8.489422215	13.21672763	4.236906287	3.221830688	3.580972932
ENSMUSG00000080602	6.367066661	6.956172438	7.767661525	4.832746033	7.161945863

ENSMUSG00000080607	10.61177777	5.56493795	10.59226572	5.638203705	5.013362104
ENSMUSG00000080609	8.489422215	6.260555194	9.886114669	8.860034393	7.87814045
ENSMUSG00000080610	0	0	0	0	0
ENSMUSG00000080613	7.781970364	9.738641413	9.179963621	5.638203705	5.729556691
ENSMUSG00000080615	0.707451851	0.695617244	2.824604191	2.416373016	1.432389173
ENSMUSG00000080616	2.829807405	1.391234488	2.118453143	4.832746033	3.580972932
ENSMUSG00000080622	27.5906222	49.38882431	43.07521391	41.07834128	44.40406435
ENSMUSG00000080624	0	0	0	0	0
ENSMUSG00000080625	11.31922962	6.260555194	7.767661525	4.832746033	7.161945863
ENSMUSG00000080626	18.39374813	22.2597518	24.71528667	16.10915344	17.90486466
ENSMUSG00000080627	0	0	0	0	0
ENSMUSG00000080631	9.904325918	7.651789682	4.236906287	5.638203705	5.729556691
ENSMUSG00000080632	16.97884443	22.2597518	17.65377619	16.10915344	23.63442135
ENSMUSG00000080635	8.489422215	11.82549314	6.35535943	4.02728836	6.445751277
ENSMUSG00000080636	0	0	0.706151048	0	0
ENSMUSG00000080645	12.73413332	14.60796212	15.53532305	10.47094974	13.60769714
ENSMUSG00000080649	0	0	0	0	0
ENSMUSG00000080651	12.73413332	6.260555194	4.943057334	4.02728836	6.445751277
ENSMUSG00000080653	0	0	0	0	0
ENSMUSG00000080655	14.85648888	8.347406925	6.35535943	4.02728836	3.580972932
ENSMUSG00000080657	0	0	0	0	0
ENSMUSG00000080659	9.904325918	11.82549314	10.59226572	10.47094974	6.445751277
ENSMUSG00000080661	4.952162959	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000080662	10.61177777	8.347406925	8.473812573	4.832746033	8.594335036
ENSMUSG00000080663	7.074518513	6.956172438	6.35535943	4.832746033	5.729556691
ENSMUSG00000080665	0.707451851	1.391234488	0	0	1.432389173
ENSMUSG00000080666	10.61177777	4.869320706	3.530755239	6.443661377	10.02672421
ENSMUSG00000080668	12.73413332	3.478086219	5.649208382	5.638203705	9.310529622
ENSMUSG00000080669	13.44158517	8.347406925	9.179963621	7.249119049	13.60769714
ENSMUSG00000080671	7.781970364	13.91234488	4.236906287	4.832746033	10.02672421
ENSMUSG00000080673	10.61177777	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000080676	12.02668147	9.043024169	11.29841676	11.27640741	8.594335036
ENSMUSG00000080678	3.537259256	0.695617244	0.706151048	1.610915344	1.432389173
ENSMUSG00000080680	6.367066661	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000080681	8.489422215	11.1298759	5.649208382	12.08186508	22.20203218
ENSMUSG00000080683	1.414903703	0.695617244	0.706151048	0.805457672	2.864778345
ENSMUSG00000080684	0	0	0	0	0
ENSMUSG00000080686	0	0	0	0	0
ENSMUSG00000080687	0	0	0	0	0
ENSMUSG00000080689	6.367066661	6.956172438	9.886114669	6.443661377	7.87814045
ENSMUSG00000080694	4.952162959	11.1298759	6.35535943	7.249119049	5.729556691
ENSMUSG00000080695	3.537259256	2.086851731	4.943057334	1.610915344	1.432389173
ENSMUSG00000080696	7.781970364	4.173703463	5.649208382	2.416373016	7.161945863



ENSMUSG00000080697	7.781970364	7.651789682	7.061510478	2.416373016	7.161945863
ENSMUSG00000080698	9.196874066	9.043024169	6.35535943	2.416373016	5.013362104
ENSMUSG00000080700	8.489422215	5.56493795	7.061510478	9.665492065	4.297167518
ENSMUSG00000080701	19.10119998	32.69401046	31.77679715	27.38556085	32.94495097
ENSMUSG00000080703	7.781970364	7.651789682	14.829172	6.443661377	10.02672421
ENSMUSG00000080704	12.02668147	8.347406925	7.767661525	10.47094974	5.013362104
ENSMUSG00000080705	5.65961481	5.56493795	7.767661525	1.610915344	12.17530797
ENSMUSG00000080706	7.781970364	9.738641413	12.71071886	7.249119049	6.445751277
ENSMUSG00000080707	7.781970364	4.173703463	7.061510478	7.249119049	7.87814045
ENSMUSG00000080708	18.39374813	8.347406925	12.00456781	16.91461111	16.47247549
ENSMUSG00000080709	8.489422215	8.347406925	9.886114669	5.638203705	7.87814045
ENSMUSG00000080710	3.537259256	4.869320706	4.236906287	2.416373016	4.297167518
ENSMUSG00000080711	3.537259256	4.869320706	4.236906287	4.02728836	9.310529622
ENSMUSG00000080712	29.71297775	46.60635533	36.71985448	46.71654498	40.82309142
ENSMUSG00000080713	6.367066661	4.173703463	7.767661525	4.02728836	5.729556691
ENSMUSG00000080714	4.244711108	6.956172438	6.35535943	4.02728836	4.297167518
ENSMUSG00000080715	16.27139258	20.17290007	9.886114669	7.249119049	5.729556691
ENSMUSG00000080716	7.781970364	6.956172438	6.35535943	4.832746033	5.013362104
ENSMUSG00000080718	7.074518513	2.086851731	1.412302096	2.416373016	0.716194586
ENSMUSG00000080719	10.61177777	6.260555194	7.061510478	5.638203705	6.445751277
ENSMUSG00000080720	10.61177777	11.1298759	17.65377619	6.443661377	7.161945863
ENSMUSG00000080721	10.61177777	7.651789682	9.179963621	1.610915344	8.594335036
ENSMUSG00000080722	6.367066661	7.651789682	11.29841676	5.638203705	10.02672421
ENSMUSG00000080723	14.85648888	17.39043109	16.2414741	14.4982381	19.33725383
ENSMUSG00000080726	9.904325918	6.260555194	13.41686991	4.832746033	9.310529622
ENSMUSG00000080728	11.31922962	8.347406925	8.473812573	7.249119049	7.161945863
ENSMUSG00000080729	9.904325918	8.347406925	7.767661525	2.416373016	6.445751277
ENSMUSG00000080730	7.781970364	11.82549314	7.061510478	3.221830688	7.161945863
ENSMUSG00000080731	36.78749627	55.6493795	46.60596915	53.96566403	52.99839939
ENSMUSG00000080732	16.27139258	11.1298759	9.886114669	14.4982381	7.87814045
ENSMUSG00000080733	2.122355554	4.173703463	4.236906287	1.610915344	3.580972932
ENSMUSG00000080734	11.31922962	11.82549314	6.35535943	6.443661377	9.310529622
ENSMUSG00000080735	7.074518513	8.347406925	7.061510478	5.638203705	8.594335036
ENSMUSG00000080736	7.781970364	10.43425866	11.29841676	4.832746033	5.013362104
ENSMUSG00000080737	3.537259256	2.782468975	2.824604191	3.221830688	0
ENSMUSG00000080738	8.489422215	9.738641413	9.179963621	5.638203705	7.161945863
ENSMUSG00000080739	8.489422215	11.1298759	8.473812573	2.416373016	10.7429188
ENSMUSG00000080741	0	1.391234488	0	0	0.716194586
ENSMUSG00000080742	11.31922962	6.260555194	9.179963621	5.638203705	7.161945863
ENSMUSG00000080743	4.244711108	2.086851731	4.943057334	3.221830688	4.297167518
ENSMUSG00000080744	12.73413332	13.91234488	9.179963621	4.832746033	5.013362104
ENSMUSG00000080746	11.31922962	6.260555194	9.179963621	8.860034393	10.02672421
ENSMUSG00000080747	9.196874066	9.043024169	10.59226572	7.249119049	10.02672421

ENSMUSG00000080748	4.244711108	10.43425866	8.473812573	4.02728836	7.161945863
ENSMUSG00000080749	8.489422215	9.738641413	9.179963621	6.443661377	2.864778345
ENSMUSG00000080750	11.31922962	8.347406925	8.473812573	4.832746033	4.297167518
ENSMUSG00000080751	5.65961481	8.347406925	4.943057334	4.832746033	8.594335036
ENSMUSG00000080752	6.367066661	8.347406925	6.35535943	1.610915344	5.013362104
ENSMUSG00000080753	68.62282957	110.6031418	105.9226572	92.62763229	89.52432329
ENSMUSG00000080754	12.02668147	4.173703463	5.649208382	7.249119049	5.729556691
ENSMUSG00000080755	4.244711108	5.56493795	2.118453143	0	4.297167518
ENSMUSG00000080756	4.952162959	5.56493795	5.649208382	3.221830688	10.02672421
ENSMUSG00000080757	2.829807405	6.956172438	4.236906287	1.610915344	2.864778345
ENSMUSG00000080758	4.244711108	2.782468975	2.824604191	0.805457672	8.594335036
ENSMUSG00000080759	8.489422215	10.43425866	8.473812573	5.638203705	7.87814045
ENSMUSG00000080760	9.196874066	3.478086219	5.649208382	5.638203705	6.445751277
ENSMUSG00000080762	7.074518513	10.43425866	6.35535943	8.860034393	5.013362104
ENSMUSG00000080763	6.367066661	4.869320706	4.943057334	9.665492065	10.02672421
ENSMUSG00000080764	7.074518513	5.56493795	7.061510478	3.221830688	4.297167518
ENSMUSG00000080765	1.414903703	6.260555194	1.412302096	0.805457672	2.148583759
ENSMUSG00000080766	6.367066661	6.260555194	6.35535943	5.638203705	5.729556691
ENSMUSG00000080767	9.196874066	8.347406925	4.943057334	6.443661377	8.594335036
ENSMUSG00000080768	9.196874066	6.956172438	11.29841676	8.054576721	5.013362104
ENSMUSG00000080770	4.244711108	6.260555194	9.886114669	5.638203705	5.729556691
ENSMUSG00000080771	13.44158517	4.869320706	7.061510478	6.443661377	2.864778345
ENSMUSG00000080772	163.4213776	230.2493077	199.1345955	168.3406535	133.9283876
ENSMUSG00000080773	12.73413332	4.869320706	4.236906287	5.638203705	6.445751277
ENSMUSG00000080774	5.65961481	6.260555194	12.00456781	5.638203705	3.580972932
ENSMUSG00000080775	4.244711108	5.56493795	1.412302096	4.02728836	4.297167518
ENSMUSG00000080776	14.85648888	4.173703463	12.71071886	14.4982381	11.45911338
ENSMUSG00000080777	0	0	0	0	0
ENSMUSG00000080778	7.074518513	4.869320706	1.412302096	3.221830688	2.148583759
ENSMUSG00000080779	19.10119998	22.95536904	26.83373982	92.62763229	63.74131818
ENSMUSG00000080780	9.196874066	4.869320706	7.767661525	6.443661377	6.445751277
ENSMUSG00000080781	16.97884443	11.82549314	8.473812573	3.221830688	13.60769714
ENSMUSG00000080782	8.489422215	6.956172438	7.061510478	4.832746033	5.729556691
ENSMUSG00000080783	10.61177777	15.99919661	14.12302096	9.665492065	10.02672421
ENSMUSG00000080784	7.781970364	7.651789682	7.061510478	7.249119049	7.87814045
ENSMUSG00000080785	9.196874066	9.043024169	9.886114669	5.638203705	5.013362104
ENSMUSG00000080788	4.952162959	2.782468975	4.236906287	3.221830688	4.297167518
ENSMUSG00000080789	7.074518513	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000080790	11.31922962	11.82549314	7.767661525	7.249119049	9.310529622
ENSMUSG00000080791	68.62282957	118.2549314	100.2734488	118.4022778	109.5777717
ENSMUSG00000080792	5.65961481	5.56493795	7.767661525	6.443661377	1.432389173
ENSMUSG00000080793	10.61177777	9.043024169	9.886114669	8.054576721	5.729556691
ENSMUSG00000080794	8.489422215	10.43425866	4.943057334	5.638203705	2.148583759

ENSMUSG00000080795	9.196874066	2.086851731	7.061510478	1.610915344	5.729556691
ENSMUSG00000080796	36.78749627	38.25894841	47.3121202	23.35827249	18.62105924
ENSMUSG00000080797	8.489422215	13.91234488	15.53532305	15.30369577	14.32389173
ENSMUSG00000080798	5.65961481	4.173703463	6.35535943	0.805457672	2.148583759
ENSMUSG00000080799	5.65961481	1.391234488	7.061510478	2.416373016	4.297167518
ENSMUSG00000080800	2.829807405	5.56493795	9.179963621	4.02728836	9.310529622
ENSMUSG00000080801	5.65961481	4.173703463	4.236906287	8.054576721	8.594335036
ENSMUSG00000080802	7.781970364	6.956172438	5.649208382	4.832746033	3.580972932
ENSMUSG00000080803	7.074518513	4.869320706	8.473812573	7.249119049	5.729556691
ENSMUSG00000080805	6.367066661	7.651789682	10.59226572	4.02728836	7.161945863
ENSMUSG00000080806	4.952162959	3.478086219	5.649208382	4.832746033	2.864778345
ENSMUSG00000080807	4.952162959	0	1.412302096	0.805457672	2.148583759
ENSMUSG00000080808	7.781970364	6.260555194	4.236906287	4.832746033	9.310529622
ENSMUSG00000080809	9.904325918	5.56493795	4.236906287	8.860034393	7.87814045
ENSMUSG00000080810	335.3321775	342.2436839	295.171138	372.9269022	244.2223539
ENSMUSG00000080811	3.537259256	1.391234488	4.943057334	19.33098413	12.17530797
ENSMUSG00000080812	8.489422215	11.1298759	9.179963621	9.665492065	12.89150255
ENSMUSG00000080813	4.244711108	3.478086219	4.236906287	2.416373016	4.297167518
ENSMUSG00000080814	11.31922962	9.043024169	6.35535943	3.221830688	11.45911338
ENSMUSG00000080815	13.44158517	7.651789682	3.530755239	8.054576721	6.445751277
ENSMUSG00000080816	9.904325918	6.956172438	7.767661525	5.638203705	8.594335036
ENSMUSG00000080817	7.074518513	9.738641413	7.767661525	4.832746033	7.161945863
ENSMUSG00000080818	6.367066661	5.56493795	6.35535943	2.416373016	5.729556691
ENSMUSG00000080819	5.65961481	2.782468975	4.236906287	4.832746033	4.297167518
ENSMUSG00000080820	9.196874066	11.82549314	5.649208382	8.860034393	7.161945863
ENSMUSG00000080822	5.65961481	6.260555194	4.236906287	1.610915344	1.432389173
ENSMUSG00000080823	11.31922962	7.651789682	12.00456781	6.443661377	12.89150255
ENSMUSG00000080824	4.952162959	10.43425866	7.767661525	2.416373016	4.297167518
ENSMUSG00000080825	0	0	0	0	0
ENSMUSG00000080826	9.904325918	9.738641413	10.59226572	6.443661377	7.161945863
ENSMUSG00000080827	11.31922962	9.738641413	4.943057334	8.860034393	7.87814045
ENSMUSG00000080828	2.829807405	4.869320706	2.824604191	1.610915344	2.864778345
ENSMUSG00000080829	4.952162959	2.086851731	7.767661525	4.832746033	5.729556691
ENSMUSG00000080831	270.2466072	292.1592424	260.5697366	353.595918	248.5195215
ENSMUSG00000080832	9.904325918	11.1298759	9.886114669	8.054576721	6.445751277
ENSMUSG00000080833	0	0.695617244	0	2.416373016	0
ENSMUSG00000080834	6.367066661	6.956172438	4.943057334	7.249119049	4.297167518
ENSMUSG00000080835	11.31922962	11.1298759	8.473812573	4.02728836	7.87814045
ENSMUSG00000080836	11.31922962	13.21672763	14.12302096	8.860034393	7.87814045
ENSMUSG00000080839	14.14903703	6.260555194	7.061510478	5.638203705	8.594335036
ENSMUSG00000080840	9.196874066	9.738641413	4.236906287	6.443661377	4.297167518
ENSMUSG00000080841	7.074518513	2.086851731	7.061510478	2.416373016	2.864778345
ENSMUSG00000080842	10.61177777	9.738641413	7.061510478	5.638203705	8.594335036

ENSMUSG00000080843	4.952162959	2.086851731	7.767661525	2.416373016	3.580972932
ENSMUSG00000080844	13.44158517	7.651789682	10.59226572	0.805457672	5.729556691
ENSMUSG00000080845	9.196874066	6.260555194	9.886114669	5.638203705	10.7429188
ENSMUSG00000080846	12.02668147	7.651789682	6.35535943	4.02728836	8.594335036
ENSMUSG00000080847	5.65961481	0.695617244	6.35535943	4.02728836	1.432389173
ENSMUSG00000080848	11.31922962	9.043024169	5.649208382	16.10915344	13.60769714
ENSMUSG00000080849	8.489422215	8.347406925	4.236906287	4.832746033	6.445751277
ENSMUSG00000080850	9.196874066	10.43425866	7.767661525	5.638203705	6.445751277
ENSMUSG00000080851	9.904325918	6.260555194	7.767661525	7.249119049	7.87814045
ENSMUSG00000080852	7.074518513	1.391234488	4.236906287	0	2.148583759
ENSMUSG00000080855	9.904325918	7.651789682	10.59226572	4.02728836	7.87814045
ENSMUSG00000080857	13.44158517	7.651789682	10.59226572	8.054576721	10.7429188
ENSMUSG00000080859	12.73413332	12.52111039	5.649208382	15.30369577	10.7429188
ENSMUSG00000080860	7.074518513	5.56493795	10.59226572	6.443661377	7.87814045
ENSMUSG00000080861	1.414903703	2.086851731	1.412302096	0	2.864778345
ENSMUSG00000080862	0	0	0	0	0
ENSMUSG00000080863	4.952162959	3.478086219	2.824604191	1.610915344	1.432389173
ENSMUSG00000080865	15.56394073	5.56493795	5.649208382	4.832746033	7.161945863
ENSMUSG00000080866	7.074518513	6.956172438	9.886114669	10.47094974	11.45911338
ENSMUSG00000080867	10.61177777	9.738641413	9.886114669	8.054576721	9.310529622
ENSMUSG00000080868	4.952162959	6.260555194	4.236906287	5.638203705	7.161945863
ENSMUSG00000080869	6.367066661	5.56493795	9.886114669	11.27640741	8.594335036
ENSMUSG00000080870	12.73413332	6.260555194	4.943057334	8.860034393	9.310529622
ENSMUSG00000080871	12.02668147	6.956172438	7.061510478	0.805457672	5.729556691
ENSMUSG00000080872	11.31922962	5.56493795	5.649208382	6.443661377	12.17530797
ENSMUSG00000080873	165.5437332	233.7273939	199.1345955	535.6293519	381.0155199
ENSMUSG00000080874	2.829807405	3.478086219	4.943057334	4.832746033	5.013362104
ENSMUSG00000080875	7.781970364	6.260555194	10.59226572	16.91461111	13.60769714
ENSMUSG00000080876	4.952162959	8.347406925	4.236906287	2.416373016	5.729556691
ENSMUSG00000080877	8.489422215	5.56493795	6.35535943	5.638203705	7.161945863
ENSMUSG00000080878	12.73413332	9.043024169	6.35535943	2.416373016	7.161945863
ENSMUSG00000080880	9.196874066	7.651789682	5.649208382	5.638203705	3.580972932
ENSMUSG00000080884	16.27139258	9.043024169	9.179963621	4.832746033	5.729556691
ENSMUSG00000080885	17.68629628	19.47728283	12.00456781	16.91461111	20.769643
ENSMUSG00000080886	7.781970364	4.869320706	3.530755239	1.610915344	4.297167518
ENSMUSG00000080887	3.537259256	2.782468975	4.943057334	1.610915344	2.864778345
ENSMUSG00000080888	4.952162959	11.82549314	7.061510478	4.02728836	11.45911338
ENSMUSG00000080889	2.122355554	2.086851731	4.236906287	1.610915344	2.864778345
ENSMUSG00000080890	2.829807405	3.478086219	2.118453143	1.610915344	1.432389173
ENSMUSG00000080891	2.829807405	2.782468975	2.824604191	4.832746033	1.432389173
ENSMUSG00000080892	9.196874066	9.738641413	4.236906287	8.054576721	7.87814045
ENSMUSG00000080893	72.86754068	95.99517964	88.26888097	70.88027514	57.29556691
ENSMUSG00000080894	14.85648888	9.043024169	6.35535943	5.638203705	7.161945863

ENSMUSG00000080895	9.196874066	7.651789682	8.473812573	4.832746033	7.161945863
ENSMUSG00000080896	2.829807405	4.869320706	4.943057334	4.02728836	5.729556691
ENSMUSG00000080897	5.65961481	2.086851731	1.412302096	3.221830688	2.864778345
ENSMUSG00000080898	9.904325918	11.82549314	10.59226572	4.832746033	7.87814045
ENSMUSG00000080899	2.122355554	5.56493795	4.236906287	2.416373016	3.580972932
ENSMUSG00000080902	12.02668147	10.43425866	9.179963621	16.10915344	18.62105924
ENSMUSG00000080903	2.122355554	4.173703463	2.824604191	2.416373016	3.580972932
ENSMUSG00000080904	9.904325918	6.260555194	7.061510478	4.832746033	8.594335036
ENSMUSG00000080905	5.65961481	6.956172438	7.061510478	4.02728836	11.45911338
ENSMUSG00000080906	8.489422215	9.738641413	7.061510478	4.832746033	6.445751277
ENSMUSG00000080909	9.904325918	4.173703463	9.886114669	2.416373016	7.87814045
ENSMUSG00000080910	2.122355554	2.782468975	7.767661525	0	0.716194586
ENSMUSG00000080911	11.31922962	7.651789682	8.473812573	4.832746033	8.594335036
ENSMUSG00000080912	61.54831106	107.8206728	97.44884459	343.1249683	258.5462457
ENSMUSG00000080913	7.781970364	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000080914	3.537259256	4.869320706	3.530755239	8.054576721	3.580972932
ENSMUSG00000080915	0.707451851	4.173703463	0.706151048	2.416373016	2.148583759
ENSMUSG00000080916	21.22355554	25.04222078	25.42143772	13.69278043	20.05344842
ENSMUSG00000080917	7.781970364	2.782468975	2.118453143	4.832746033	6.445751277
ENSMUSG00000080918	7.074518513	4.869320706	9.886114669	3.221830688	9.310529622
ENSMUSG00000080919	4.952162959	4.869320706	9.886114669	5.638203705	5.013362104
ENSMUSG00000080921	6.367066661	8.347406925	7.767661525	4.832746033	10.02672421
ENSMUSG00000080922	8.489422215	9.043024169	5.649208382	2.416373016	12.17530797
ENSMUSG00000080923	4.244711108	1.391234488	4.943057334	3.221830688	3.580972932
ENSMUSG00000080924	11.31922962	6.260555194	6.35535943	3.221830688	5.729556691
ENSMUSG00000080925	7.074518513	4.869320706	4.943057334	4.832746033	5.013362104
ENSMUSG00000080927	5.65961481	6.956172438	6.35535943	7.249119049	9.310529622
ENSMUSG00000080928	36.08004441	48.69320706	52.96132858	57.99295239	47.2688427
ENSMUSG00000080929	9.904325918	15.30357936	12.71071886	12.08186508	16.47247549
ENSMUSG00000080930	10.61177777	8.347406925	9.179963621	6.443661377	2.148583759
ENSMUSG00000080932	16.97884443	11.1298759	12.00456781	9.665492065	12.17530797
ENSMUSG00000080934	5.65961481	6.956172438	5.649208382	3.221830688	5.729556691
ENSMUSG00000080935	8.489422215	4.869320706	8.473812573	6.443661377	12.17530797
ENSMUSG00000080936	9.904325918	6.260555194	8.473812573	4.832746033	2.864778345
ENSMUSG00000080937	9.904325918	15.99919661	16.2414741	12.08186508	14.32389173
ENSMUSG00000080938	3.537259256	3.478086219	2.824604191	5.638203705	2.864778345
ENSMUSG00000080939	38.20239997	84.86530374	79.7950684	78.12939419	82.36237743
ENSMUSG00000080940	4.244711108	6.260555194	7.061510478	4.02728836	9.310529622
ENSMUSG00000080941	7.781970364	9.043024169	4.943057334	4.832746033	9.310529622
ENSMUSG00000080942	9.904325918	12.52111039	8.473812573	12.08186508	10.7429188
ENSMUSG00000080943	7.074518513	9.738641413	7.061510478	6.443661377	10.7429188
ENSMUSG00000080944	2.122355554	2.086851731	0.706151048	2.416373016	2.864778345
ENSMUSG00000080946	1.414903703	0.695617244	2.118453143	1.610915344	1.432389173

ENSMUSG00000080947	13.44158517	7.651789682	12.71071886	6.443661377	12.17530797
ENSMUSG00000080948	3.537259256	4.173703463	4.943057334	7.249119049	2.864778345
ENSMUSG00000080949	2.829807405	6.260555194	12.00456781	2.416373016	5.013362104
ENSMUSG00000080950	14.14903703	13.21672763	11.29841676	11.27640741	12.89150255
ENSMUSG00000080951	24.76081479	39.6501829	32.4829482	24.96918783	30.79636721
ENSMUSG00000080952	2.829807405	0	1.412302096	4.02728836	2.148583759
ENSMUSG00000080953	7.074518513	3.478086219	4.943057334	4.02728836	6.445751277
ENSMUSG00000080954	4.952162959	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000080955	18.39374813	4.173703463	6.35535943	9.665492065	10.02672421
ENSMUSG00000080956	12.02668147	6.260555194	9.886114669	6.443661377	5.013362104
ENSMUSG00000080957	76.40479994	113.3856107	91.09348516	115.9859048	106.7129934
ENSMUSG00000080958	4.244711108	12.52111039	9.886114669	8.860034393	5.013362104
ENSMUSG00000080959	7.781970364	2.086851731	4.236906287	5.638203705	0.716194586
ENSMUSG00000080960	14.85648888	9.043024169	8.473812573	7.249119049	10.7429188
ENSMUSG00000080961	5.65961481	6.956172438	9.179963621	8.054576721	9.310529622
ENSMUSG00000080962	4.952162959	9.738641413	7.061510478	4.02728836	7.161945863
ENSMUSG00000080964	4.952162959	13.91234488	4.943057334	4.832746033	2.864778345
ENSMUSG00000080965	4.244711108	6.260555194	2.824604191	1.610915344	1.432389173
ENSMUSG00000080966	9.196874066	7.651789682	7.061510478	7.249119049	7.87814045
ENSMUSG00000080967	8.489422215	8.347406925	14.12302096	8.054576721	8.594335036
ENSMUSG00000080968	3.537259256	4.173703463	2.118453143	4.832746033	2.148583759
ENSMUSG00000080969	14.14903703	11.82549314	9.179963621	11.27640741	12.89150255
ENSMUSG00000080970	4.244711108	4.869320706	2.824604191	3.221830688	5.013362104
ENSMUSG00000080971	9.196874066	15.99919661	12.00456781	9.665492065	15.7562809
ENSMUSG00000080972	33.25023701	68.86610713	63.5535943	52.35474869	46.55264811
ENSMUSG00000080974	7.074518513	6.260555194	7.061510478	3.221830688	3.580972932
ENSMUSG00000080976	32.54278516	49.38882431	51.54902649	19.33098413	18.62105924
ENSMUSG00000080977	14.85648888	8.347406925	8.473812573	14.4982381	10.7429188
ENSMUSG00000080978	12.02668147	9.043024169	10.59226572	8.860034393	5.729556691
ENSMUSG00000080979	11.31922962	15.30357936	8.473812573	5.638203705	8.594335036
ENSMUSG00000080980	10.61177777	8.347406925	7.767661525	4.832746033	4.297167518
ENSMUSG00000080981	6.367066661	15.99919661	7.061510478	8.054576721	7.161945863
ENSMUSG00000080982	9.196874066	6.956172438	5.649208382	5.638203705	9.310529622
ENSMUSG00000080983	2.122355554	0.695617244	3.530755239	4.02728836	2.148583759
ENSMUSG00000080984	7.074518513	9.043024169	9.886114669	12.88732275	3.580972932
ENSMUSG00000080985	7.781970364	9.738641413	9.179963621	2.416373016	5.013362104
ENSMUSG00000080986	10.61177777	10.43425866	12.00456781	4.02728836	6.445751277
ENSMUSG00000080987	7.781970364	9.043024169	7.767661525	8.860034393	5.729556691
ENSMUSG00000080989	8.489422215	4.869320706	7.767661525	10.47094974	12.17530797
ENSMUSG00000080990	7.074518513	8.347406925	8.473812573	5.638203705	5.729556691
ENSMUSG00000080992	0.707451851	0	0	0.805457672	0
ENSMUSG00000080993	4.952162959	4.869320706	8.473812573	4.832746033	5.013362104
ENSMUSG00000080994	7.781970364	6.260555194	7.061510478	5.638203705	8.594335036

ENSMUSG00000080995	3.537259256	3.478086219	5.649208382	4.02728836	3.580972932
ENSMUSG00000080996	4.952162959	4.173703463	3.530755239	2.416373016	2.864778345
ENSMUSG00000080997	12.73413332	5.56493795	7.061510478	8.860034393	6.445751277
ENSMUSG00000080998	5.65961481	4.173703463	6.35535943	6.443661377	6.445751277
ENSMUSG00000080999	0.707451851	0.695617244	1.412302096	0	2.864778345
ENSMUSG00000081000	9.196874066	6.956172438	7.061510478	6.443661377	9.310529622
ENSMUSG00000081001	8.489422215	9.043024169	6.35535943	1.610915344	2.864778345
ENSMUSG00000081002	7.781970364	15.30357936	5.649208382	11.27640741	10.02672421
ENSMUSG00000081003	12.73413332	4.173703463	3.530755239	4.832746033	5.013362104
ENSMUSG00000081004	2.829807405	4.869320706	4.236906287	3.221830688	1.432389173
ENSMUSG00000081005	7.074518513	8.347406925	9.179963621	2.416373016	7.161945863
ENSMUSG00000081006	5.65961481	9.043024169	8.473812573	7.249119049	5.013362104
ENSMUSG00000081007	9.196874066	7.651789682	5.649208382	8.054576721	10.02672421
ENSMUSG00000081008	1.414903703	3.478086219	0.706151048	3.221830688	4.297167518
ENSMUSG00000081009	6.367066661	7.651789682	3.530755239	4.832746033	7.161945863
ENSMUSG00000081010	4.952162959	5.56493795	7.767661525	12.08186508	7.87814045
ENSMUSG00000081011	7.781970364	7.651789682	4.236906287	6.443661377	5.013362104
ENSMUSG00000081012	3.537259256	4.173703463	5.649208382	2.416373016	4.297167518
ENSMUSG00000081013	7.781970364	9.043024169	7.767661525	7.249119049	5.013362104
ENSMUSG00000081014	5.65961481	6.956172438	7.767661525	5.638203705	5.729556691
ENSMUSG00000081015	7.074518513	7.651789682	14.12302096	1.610915344	5.729556691
ENSMUSG00000081016	12.73413332	9.043024169	5.649208382	8.860034393	12.89150255
ENSMUSG00000081017	4.952162959	1.391234488	3.530755239	0.805457672	2.148583759
ENSMUSG00000081018	7.781970364	0.695617244	5.649208382	4.832746033	0
ENSMUSG00000081020	4.952162959	2.782468975	2.824604191	4.02728836	6.445751277
ENSMUSG00000081021	8.489422215	6.956172438	12.00456781	8.860034393	7.87814045
ENSMUSG00000081022	4.952162959	8.347406925	9.179963621	5.638203705	6.445751277
ENSMUSG00000081023	9.904325918	8.347406925	5.649208382	3.221830688	10.02672421
ENSMUSG00000081024	2.122355554	4.869320706	4.943057334	2.416373016	4.297167518
ENSMUSG00000081025	12.02668147	9.043024169	5.649208382	5.638203705	7.161945863
ENSMUSG00000081026	7.781970364	7.651789682	5.649208382	8.054576721	6.445751277
ENSMUSG00000081027	7.781970364	8.347406925	6.35535943	2.416373016	7.161945863
ENSMUSG00000081029	6.367066661	6.956172438	4.943057334	1.610915344	2.148583759
ENSMUSG00000081030	9.904325918	5.56493795	3.530755239	2.416373016	10.7429188
ENSMUSG00000081033	2.829807405	2.086851731	2.118453143	2.416373016	4.297167518
ENSMUSG00000081034	4.244711108	6.956172438	3.530755239	3.221830688	6.445751277
ENSMUSG00000081035	9.904325918	11.1298759	10.59226572	2.416373016	5.013362104
ENSMUSG00000081036	4.952162959	3.478086219	4.236906287	2.416373016	2.864778345
ENSMUSG00000081037	8.489422215	6.956172438	6.35535943	3.221830688	7.87814045
ENSMUSG00000081038	14.14903703	7.651789682	7.767661525	9.665492065	5.729556691
ENSMUSG00000081041	9.196874066	4.173703463	7.061510478	6.443661377	4.297167518
ENSMUSG00000081042	2.829807405	5.56493795	4.236906287	0.805457672	4.297167518
ENSMUSG00000081043	9.904325918	11.82549314	7.061510478	8.054576721	5.013362104

ENSMUSG0000081045	12.02668147	6.260555194	7.767661525	5.638203705	7.161945863
ENSMUSG0000081046	7.074518513	8.347406925	4.236906287	7.249119049	5.013362104
ENSMUSG0000081047	4.952162959	8.347406925	2.824604191	4.832746033	10.7429188
ENSMUSG0000081048	6.367066661	8.347406925	7.767661525	12.88732275	4.297167518
ENSMUSG0000081049	7.074518513	5.56493795	5.649208382	8.054576721	1.432389173
ENSMUSG0000081050	7.781970364	5.56493795	10.59226572	7.249119049	10.7429188
ENSMUSG0000081051	5.65961481	11.1298759	12.00456781	12.88732275	14.32389173
ENSMUSG0000081052	14.14903703	15.99919661	14.12302096	16.10915344	15.7562809
ENSMUSG0000081053	2.122355554	2.086851731	0	3.221830688	0.716194586
ENSMUSG0000081054	9.196874066	9.043024169	8.473812573	7.249119049	5.013362104
ENSMUSG0000081055	4.952162959	4.173703463	4.943057334	5.638203705	1.432389173
ENSMUSG0000081056	26.1757185	40.34580014	43.07521391	49.132918	41.53928601
ENSMUSG0000081057	12.02668147	4.869320706	9.886114669	6.443661377	7.161945863
ENSMUSG0000081059	4.952162959	3.478086219	3.530755239	6.443661377	2.864778345
ENSMUSG0000081060	11.31922962	4.869320706	12.00456781	3.221830688	5.013362104
ENSMUSG0000081061	3.537259256	5.56493795	2.824604191	2.416373016	2.864778345
ENSMUSG0000081062	7.781970364	8.347406925	8.473812573	9.665492065	7.87814045
ENSMUSG0000081063	7.781970364	4.173703463	7.767661525	7.249119049	8.594335036
ENSMUSG0000081064	9.196874066	3.478086219	3.530755239	1.610915344	4.297167518
ENSMUSG0000081065	9.904325918	4.869320706	10.59226572	6.443661377	5.729556691
ENSMUSG0000081066	11.31922962	9.043024169	7.767661525	4.02728836	2.864778345
ENSMUSG0000081067	8.489422215	6.956172438	8.473812573	8.860034393	12.17530797
ENSMUSG0000081068	6.367066661	11.1298759	9.886114669	6.443661377	3.580972932
ENSMUSG0000081069	11.31922962	9.043024169	12.71071886	8.054576721	5.013362104
ENSMUSG0000081070	9.196874066	9.043024169	9.179963621	5.638203705	12.89150255
ENSMUSG0000081071	10.61177777	11.82549314	12.00456781	7.249119049	14.32389173
ENSMUSG0000081072	2.122355554	3.478086219	4.236906287	1.610915344	5.013362104
ENSMUSG0000081073	9.196874066	6.956172438	10.59226572	6.443661377	2.864778345
ENSMUSG0000081076	11.31922962	4.173703463	4.943057334	5.638203705	4.297167518
ENSMUSG0000081077	6.367066661	2.782468975	7.767661525	27.38556085	20.769643
ENSMUSG0000081078	42.447111108	36.86771392	38.13215658	22.55281482	29.36397804
ENSMUSG0000081079	11.31922962	4.869320706	7.767661525	10.47094974	5.729556691
ENSMUSG0000081080	5.65961481	6.956172438	4.236906287	7.249119049	6.445751277
ENSMUSG0000081081	0.707451851	6.260555194	5.649208382	1.610915344	5.729556691
ENSMUSG0000081082	10.61177777	5.56493795	9.886114669	4.02728836	5.729556691
ENSMUSG0000081083	2.829807405	2.782468975	4.236906287	2.416373016	5.729556691
ENSMUSG0000081084	2.829807405	3.478086219	4.943057334	2.416373016	4.297167518
ENSMUSG0000081085	9.196874066	7.651789682	7.061510478	5.638203705	4.297167518
ENSMUSG0000081086	77.81970364	126.6023384	108.0411103	135.3168889	111.0101609
ENSMUSG0000081087	14.14903703	13.91234488	11.29841676	8.860034393	10.02672421
ENSMUSG0000081088	7.074518513	7.651789682	7.767661525	8.054576721	7.87814045
ENSMUSG0000081089	6.367066661	9.043024169	4.236906287	2.416373016	5.013362104
ENSMUSG0000081092	6.367066661	9.043024169	11.29841676	5.638203705	9.310529622



ENSMUSG0000081093	7.781970364	8.347406925	8.473812573	7.249119049	5.729556691
ENSMUSG0000081094	0	1.391234488	0.706151048	1.610915344	0.716194586
ENSMUSG0000081095	2.829807405	3.478086219	4.943057334	1.610915344	4.297167518
ENSMUSG0000081096	12.02668147	9.738641413	6.35535943	7.249119049	3.580972932
ENSMUSG0000081097	9.196874066	4.173703463	7.061510478	5.638203705	6.445751277
ENSMUSG0000081098	12.73413332	11.1298759	6.35535943	5.638203705	6.445751277
ENSMUSG0000081099	14.14903703	5.56493795	11.29841676	8.860034393	8.594335036
ENSMUSG0000081100	4.244711108	4.173703463	7.061510478	1.610915344	4.297167518
ENSMUSG0000081101	6.367066661	6.260555194	11.29841676	3.221830688	7.161945863
ENSMUSG0000081103	13.44158517	18.78166558	19.06607829	24.96918783	23.63442135
ENSMUSG0000081104	11.31922962	2.782468975	5.649208382	8.054576721	9.310529622
ENSMUSG0000081105	26.88317035	38.95456565	28.24604191	24.96918783	32.94495097
ENSMUSG0000081106	3.537259256	1.391234488	4.236906287	0.805457672	4.297167518
ENSMUSG0000081107	7.074518513	9.738641413	3.530755239	6.443661377	8.594335036
ENSMUSG0000081108	4.244711108	2.086851731	4.943057334	3.221830688	5.013362104
ENSMUSG0000081110	7.781970364	8.347406925	13.41686991	15.30369577	5.013362104
ENSMUSG0000081111	9.904325918	6.260555194	9.886114669	12.08186508	7.161945863
ENSMUSG0000081112	12.73413332	10.43425866	4.236906287	8.860034393	9.310529622
ENSMUSG0000081113	5.65961481	8.347406925	10.59226572	7.249119049	7.87814045
ENSMUSG0000081114	10.61177777	6.956172438	10.59226572	8.860034393	4.297167518
ENSMUSG0000081115	9.904325918	6.260555194	3.530755239	4.02728836	8.594335036
ENSMUSG0000081116	3.537259256	2.782468975	2.118453143	2.416373016	0
ENSMUSG0000081117	14.14903703	4.869320706	5.649208382	4.832746033	5.729556691
ENSMUSG0000081118	0	1.391234488	0	0.805457672	1.432389173
ENSMUSG0000081119	0.707451851	0	0.706151048	0	0.716194586
ENSMUSG0000081120	12.73413332	11.1298759	12.00456781	4.832746033	9.310529622
ENSMUSG0000081121	13.44158517	7.651789682	9.886114669	12.88732275	7.87814045
ENSMUSG0000081122	8.489422215	8.347406925	9.886114669	8.054576721	6.445751277
ENSMUSG0000081123	7.074518513	8.347406925	7.767661525	8.860034393	5.013362104
ENSMUSG0000081124	4.952162959	1.391234488	4.943057334	3.221830688	2.148583759
ENSMUSG0000081125	7.074518513	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG0000081126	10.61177777	13.91234488	14.12302096	7.249119049	10.7429188
ENSMUSG0000081127	6.367066661	11.1298759	12.00456781	12.08186508	17.18867007
ENSMUSG0000081128	8.489422215	6.956172438	4.943057334	4.832746033	5.729556691
ENSMUSG0000081129	6.367066661	2.782468975	3.530755239	2.416373016	3.580972932
ENSMUSG0000081130	5.65961481	4.173703463	2.118453143	3.221830688	11.45911338
ENSMUSG0000081131	3.537259256	4.869320706	2.118453143	1.610915344	4.297167518
ENSMUSG0000081132	4.952162959	4.869320706	4.943057334	3.221830688	3.580972932
ENSMUSG0000081133	4.952162959	2.782468975	2.824604191	8.054576721	3.580972932
ENSMUSG0000081134	2.122355554	4.173703463	4.236906287	1.610915344	5.013362104
ENSMUSG0000081135	7.781970364	3.478086219	4.943057334	2.416373016	5.729556691
ENSMUSG0000081136	11.31922962	9.738641413	6.35535943	6.443661377	10.7429188
ENSMUSG0000081137	6.367066661	5.56493795	5.649208382	2.416373016	5.729556691

ENSMUSG00000081138	9.904325918	9.738641413	5.649208382	8.860034393	7.161945863
ENSMUSG00000081139	9.904325918	9.043024169	3.530755239	4.02728836	3.580972932
ENSMUSG00000081141	16.27139258	13.91234488	7.061510478	4.832746033	5.013362104
ENSMUSG00000081142	14.14903703	21.56413456	21.89068248	16.10915344	19.33725383
ENSMUSG00000081143	135.1233036	179.4692489	180.0685172	124.0404815	112.4425501
ENSMUSG00000081144	13.44158517	4.869320706	7.061510478	5.638203705	5.729556691
ENSMUSG00000081145	4.244711108	3.478086219	4.236906287	0.805457672	2.864778345
ENSMUSG00000081146	6.367066661	4.173703463	5.649208382	2.416373016	1.432389173
ENSMUSG00000081147	2.122355554	1.391234488	2.824604191	1.610915344	1.432389173
ENSMUSG00000081148	14.85648888	6.260555194	7.767661525	6.443661377	5.013362104
ENSMUSG00000081150	9.904325918	5.56493795	4.943057334	3.221830688	4.297167518
ENSMUSG00000081151	5.65961481	9.738641413	7.061510478	1.610915344	6.445751277
ENSMUSG00000081152	7.781970364	8.347406925	11.29841676	12.08186508	8.594335036
ENSMUSG00000081153	5.65961481	4.173703463	2.824604191	6.443661377	5.013362104
ENSMUSG00000081154	7.781970364	9.043024169	8.473812573	4.02728836	7.161945863
ENSMUSG00000081155	7.781970364	6.260555194	4.943057334	5.638203705	5.013362104
ENSMUSG00000081156	9.904325918	16.69481385	15.53532305	14.4982381	12.17530797
ENSMUSG00000081157	10.61177777	8.347406925	8.473812573	9.665492065	13.60769714
ENSMUSG00000081158	8.489422215	8.347406925	2.824604191	5.638203705	4.297167518
ENSMUSG00000081159	0.707451851	1.391234488	1.412302096	1.610915344	0.716194586
ENSMUSG00000081160	7.781970364	4.173703463	3.530755239	3.221830688	0.716194586
ENSMUSG00000081161	0.707451851	0.695617244	2.118453143	0.805457672	1.432389173
ENSMUSG00000081162	2.829807405	9.738641413	7.767661525	4.832746033	4.297167518
ENSMUSG00000081163	9.196874066	5.56493795	9.886114669	4.832746033	5.729556691
ENSMUSG00000081164	4.244711108	2.782468975	4.943057334	1.610915344	5.013362104
ENSMUSG00000081165	12.73413332	14.60796212	19.77222934	8.054576721	15.04008631
ENSMUSG00000081166	4.952162959	9.738641413	6.35535943	4.02728836	7.161945863
ENSMUSG00000081167	11.31922962	4.869320706	3.530755239	5.638203705	7.87814045
ENSMUSG00000081168	10.61177777	4.173703463	8.473812573	4.02728836	5.013362104
ENSMUSG00000081169	10.61177777	6.956172438	9.179963621	5.638203705	8.594335036
ENSMUSG00000081170	9.196874066	7.651789682	8.473812573	12.08186508	8.594335036
ENSMUSG00000081171	3.537259256	2.086851731	4.943057334	0	2.148583759
ENSMUSG00000081172	12.73413332	7.651789682	3.530755239	6.443661377	9.310529622
ENSMUSG00000081173	5.65961481	8.347406925	16.2414741	2.416373016	5.729556691
ENSMUSG00000081174	9.904325918	4.869320706	8.473812573	5.638203705	5.729556691
ENSMUSG00000081175	4.952162959	6.260555194	3.530755239	0.805457672	1.432389173
ENSMUSG00000081176	15.56394073	11.82549314	12.71071886	15.30369577	12.89150255
ENSMUSG00000081177	8.489422215	4.869320706	10.59226572	6.443661377	5.729556691
ENSMUSG00000081179	18.39374813	16.69481385	20.47838039	12.88732275	17.18867007
ENSMUSG00000081180	7.781970364	9.043024169	11.29841676	6.443661377	5.729556691
ENSMUSG00000081181	16.27139258	3.478086219	6.35535943	4.832746033	7.87814045
ENSMUSG00000081182	3.537259256	2.086851731	2.118453143	2.416373016	0.716194586
ENSMUSG00000081183	9.196874066	6.956172438	13.41686991	2.416373016	5.013362104

ENSMUSG0000081184	12.02668147	7.651789682	6.35535943	6.443661377	3.580972932
ENSMUSG0000081185	5.65961481	11.1298759	7.767661525	5.638203705	5.013362104
ENSMUSG0000081186	9.904325918	6.956172438	4.943057334	2.416373016	5.729556691
ENSMUSG0000081187	1.414903703	4.173703463	4.943057334	4.02728836	4.297167518
ENSMUSG0000081188	6.367066661	4.869320706	4.943057334	4.02728836	1.432389173
ENSMUSG0000081189	9.196874066	4.173703463	7.061510478	8.054576721	7.87814045
ENSMUSG0000081191	9.904325918	9.738641413	9.179963621	8.860034393	5.013362104
ENSMUSG0000081194	4.244711108	2.086851731	3.530755239	1.610915344	5.013362104
ENSMUSG0000081195	2.829807405	2.782468975	3.530755239	6.443661377	3.580972932
ENSMUSG0000081196	0.707451851	0.695617244	0.706151048	1.610915344	0.716194586
ENSMUSG0000081197	7.074518513	2.086851731	3.530755239	3.221830688	1.432389173
ENSMUSG0000081199	2.829807405	3.478086219	4.236906287	2.416373016	2.148583759
ENSMUSG0000081200	6.367066661	6.956172438	10.59226572	8.054576721	6.445751277
ENSMUSG0000081201	7.074518513	6.956172438	11.29841676	9.665492065	11.45911338
ENSMUSG0000081202	8.489422215	6.956172438	7.767661525	10.47094974	4.297167518
ENSMUSG0000081205	17.68629628	15.99919661	21.89068248	22.55281482	24.35061594
ENSMUSG0000081206	14.14903703	6.260555194	19.06607829	10.47094974	9.310529622
ENSMUSG0000081207	14.14903703	13.21672763	14.12302096	12.08186508	10.02672421
ENSMUSG0000081208	70.03773327	43.12826911	48.7244223	49.93837567	55.14698315
ENSMUSG0000081209	3.537259256	4.869320706	4.943057334	1.610915344	2.148583759
ENSMUSG0000081210	7.781970364	9.043024169	10.59226572	4.832746033	13.60769714
ENSMUSG0000081211	6.367066661	2.086851731	2.118453143	0	2.148583759
ENSMUSG0000081212	5.65961481	11.1298759	9.179963621	4.832746033	7.87814045
ENSMUSG0000081214	10.61177777	11.82549314	11.29841676	10.47094974	8.594335036
ENSMUSG0000081215	7.781970364	7.651789682	5.649208382	3.221830688	4.297167518
ENSMUSG0000081216	5.65961481	3.478086219	4.943057334	2.416373016	3.580972932
ENSMUSG0000081217	2.829807405	8.347406925	6.35535943	1.610915344	1.432389173
ENSMUSG0000081219	5.65961481	4.173703463	9.179963621	4.832746033	3.580972932
ENSMUSG0000081220	4.244711108	3.478086219	5.649208382	1.610915344	5.013362104
ENSMUSG0000081221	4.952162959	5.56493795	4.236906287	7.249119049	2.864778345
ENSMUSG0000081222	4.244711108	4.173703463	3.530755239	6.443661377	3.580972932
ENSMUSG0000081223	11.31922962	9.043024169	8.473812573	8.860034393	11.45911338
ENSMUSG0000081224	4.244711108	6.260555194	5.649208382	5.638203705	2.148583759
ENSMUSG0000081226	9.196874066	6.956172438	7.767661525	2.416373016	7.87814045
ENSMUSG0000081227	6.367066661	5.56493795	5.649208382	4.832746033	7.87814045
ENSMUSG0000081228	7.781970364	6.956172438	9.179963621	10.47094974	13.60769714
ENSMUSG0000081229	9.196874066	9.738641413	7.767661525	5.638203705	7.87814045
ENSMUSG0000081230	5.65961481	4.869320706	3.530755239	4.02728836	4.297167518
ENSMUSG0000081231	13.44158517	7.651789682	5.649208382	4.832746033	7.87814045
ENSMUSG0000081232	7.074518513	2.782468975	4.943057334	2.416373016	3.580972932
ENSMUSG0000081233	7.781970364	9.738641413	7.767661525	5.638203705	5.013362104
ENSMUSG0000081234	9.196874066	7.651789682	9.179963621	5.638203705	2.864778345
ENSMUSG0000081235	4.244711108	5.56493795	1.412302096	2.416373016	2.148583759

ENSMUSG00000081236	43.86201478	63.30116918	69.90895373	26.58010318	40.10689684
ENSMUSG00000081237	8.489422215	2.782468975	9.886114669	4.832746033	3.580972932
ENSMUSG00000081238	9.196874066	11.1298759	10.59226572	9.665492065	3.580972932
ENSMUSG00000081239	11.31922962	9.738641413	10.59226572	8.054576721	10.02672421
ENSMUSG00000081240	4.244711108	5.56493795	0.706151048	6.443661377	3.580972932
ENSMUSG00000081241	9.904325918	6.956172438	7.061510478	1.610915344	5.013362104
ENSMUSG00000081242	13.44158517	18.08604834	14.12302096	11.27640741	15.04008631
ENSMUSG00000081243	12.02668147	8.347406925	4.943057334	5.638203705	7.161945863
ENSMUSG00000081244	7.074518513	6.956172438	2.824604191	5.638203705	8.594335036
ENSMUSG00000081245	16.97884443	8.347406925	7.061510478	1.610915344	5.013362104
ENSMUSG00000081248	4.952162959	9.738641413	7.767661525	8.860034393	9.310529622
ENSMUSG00000081249	143.6127258	182.2517179	164.5331941	192.5043836	174.0352845
ENSMUSG00000081250	8.489422215	11.82549314	9.179963621	6.443661377	13.60769714
ENSMUSG00000081251	1.414903703	1.391234488	0.706151048	0	0.716194586
ENSMUSG00000081252	16.97884443	4.173703463	9.179963621	9.665492065	8.594335036
ENSMUSG00000081253	2.829807405	4.869320706	6.35535943	3.221830688	1.432389173
ENSMUSG00000081254	14.85648888	8.347406925	6.35535943	7.249119049	5.013362104
ENSMUSG00000081255	2.122355554	6.260555194	4.943057334	4.832746033	5.013362104
ENSMUSG00000081256	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000081257	6.367066661	4.173703463	8.473812573	3.221830688	6.445751277
ENSMUSG00000081258	7.781970364	7.651789682	10.59226572	2.416373016	10.7429188
ENSMUSG00000081259	5.65961481	6.260555194	6.35535943	8.054576721	6.445751277
ENSMUSG00000081260	13.44158517	13.91234488	10.59226572	9.665492065	16.47247549
ENSMUSG00000081261	9.196874066	7.651789682	3.530755239	8.054576721	5.729556691
ENSMUSG00000081262	9.904325918	8.347406925	5.649208382	7.249119049	12.17530797
ENSMUSG00000081263	7.074518513	2.086851731	5.649208382	3.221830688	3.580972932
ENSMUSG00000081264	10.61177777	6.260555194	5.649208382	5.638203705	8.594335036
ENSMUSG00000081265	5.65961481	10.43425866	9.179963621	6.443661377	4.297167518
ENSMUSG00000081266	24.05336294	53.56252777	33.18909925	20.1364418	31.5125618
ENSMUSG00000081268	4.244711108	2.782468975	5.649208382	2.416373016	4.297167518
ENSMUSG00000081269	4.244711108	4.869320706	2.824604191	0.805457672	3.580972932
ENSMUSG00000081270	12.02668147	9.738641413	7.061510478	8.860034393	3.580972932
ENSMUSG00000081271	4.244711108	4.173703463	4.236906287	1.610915344	2.148583759
ENSMUSG00000081272	12.02668147	13.21672763	12.00456781	16.91461111	12.17530797
ENSMUSG00000081273	9.904325918	5.56493795	8.473812573	5.638203705	1.432389173
ENSMUSG00000081274	10.61177777	2.782468975	7.767661525	6.443661377	5.729556691
ENSMUSG00000081275	0	0	0.706151048	0	0
ENSMUSG00000081276	4.244711108	2.086851731	10.59226572	10.47094974	11.45911338
ENSMUSG00000081277	9.904325918	8.347406925	5.649208382	6.443661377	5.013362104
ENSMUSG00000081278	12.73413332	7.651789682	6.35535943	5.638203705	5.013362104
ENSMUSG00000081279	9.904325918	6.260555194	10.59226572	7.249119049	6.445751277
ENSMUSG00000081280	4.244711108	2.782468975	8.473812573	4.02728836	7.161945863
ENSMUSG00000081281	8.489422215	4.173703463	6.35535943	4.832746033	4.297167518

ENSMUSG00000081282	7.781970364	10.43425866	7.061510478	11.27640741	7.87814045
ENSMUSG00000081283	12.02668147	9.738641413	12.00456781	4.02728836	8.594335036
ENSMUSG00000081284	10.61177777	8.347406925	9.886114669	6.443661377	5.729556691
ENSMUSG00000081285	17.68629628	15.99919661	13.41686991	8.860034393	10.7429188
ENSMUSG00000081286	2.829807405	2.086851731	2.824604191	1.610915344	7.161945863
ENSMUSG00000081287	7.781970364	4.869320706	8.473812573	9.665492065	14.32389173
ENSMUSG00000081288	11.31922962	5.56493795	6.35535943	4.832746033	4.297167518
ENSMUSG00000081289	6.367066661	3.478086219	3.530755239	4.02728836	3.580972932
ENSMUSG00000081290	6.367066661	7.651789682	7.061510478	6.443661377	8.594335036
ENSMUSG00000081291	10.61177777	2.086851731	4.236906287	5.638203705	8.594335036
ENSMUSG00000081292	2.829807405	5.56493795	4.943057334	2.416373016	3.580972932
ENSMUSG00000081293	5.65961481	6.260555194	3.530755239	7.249119049	4.297167518
ENSMUSG00000081295	1.414903703	2.086851731	1.412302096	4.02728836	1.432389173
ENSMUSG00000081296	4.952162959	4.173703463	8.473812573	7.249119049	3.580972932
ENSMUSG00000081297	9.904325918	4.869320706	4.943057334	5.638203705	7.161945863
ENSMUSG00000081298	4.952162959	2.086851731	4.236906287	4.02728836	1.432389173
ENSMUSG00000081299	9.904325918	8.347406925	5.649208382	2.416373016	6.445751277
ENSMUSG00000081300	2.829807405	3.478086219	2.824604191	4.02728836	4.297167518
ENSMUSG00000081301	53.7663407	54.25814501	45.8998181	43.49471429	28.64778345
ENSMUSG00000081302	6.367066661	5.56493795	7.767661525	5.638203705	8.594335036
ENSMUSG00000081303	6.367066661	6.260555194	8.473812573	4.832746033	11.45911338
ENSMUSG00000081304	9.904325918	4.869320706	5.649208382	6.443661377	5.013362104
ENSMUSG00000081305	4.952162959	6.260555194	9.179963621	5.638203705	3.580972932
ENSMUSG00000081306	4.244711108	4.173703463	4.236906287	6.443661377	5.729556691
ENSMUSG00000081307	9.904325918	9.738641413	5.649208382	6.443661377	8.594335036
ENSMUSG00000081308	4.952162959	4.173703463	4.236906287	2.416373016	7.161945863
ENSMUSG00000081309	14.85648888	6.956172438	9.179963621	5.638203705	10.02672421
ENSMUSG00000081310	7.074518513	9.738641413	11.29841676	3.221830688	8.594335036
ENSMUSG00000081311	9.196874066	9.043024169	9.886114669	9.665492065	5.729556691
ENSMUSG00000081312	3.537259256	5.56493795	4.236906287	2.416373016	5.013362104
ENSMUSG00000081313	7.074518513	4.173703463	7.767661525	6.443661377	9.310529622
ENSMUSG00000081314	11.31922962	7.651789682	6.35535943	5.638203705	7.87814045
ENSMUSG00000081315	11.31922962	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000081316	6.367066661	4.173703463	10.59226572	2.416373016	2.864778345
ENSMUSG00000081317	7.781970364	8.347406925	2.824604191	5.638203705	5.729556691
ENSMUSG00000081318	7.781970364	9.043024169	12.00456781	8.054576721	12.89150255
ENSMUSG00000081319	12.02668147	12.52111039	14.829172	16.91461111	20.05344842
ENSMUSG00000081320	7.074518513	9.738641413	6.35535943	3.221830688	2.864778345
ENSMUSG00000081321	6.367066661	7.651789682	7.767661525	4.832746033	7.161945863
ENSMUSG00000081323	4.244711108	5.56493795	3.530755239	3.221830688	3.580972932
ENSMUSG00000081324	8.489422215	4.173703463	4.236906287	2.416373016	2.864778345
ENSMUSG00000081325	19.10119998	26.43345526	17.65377619	12.08186508	12.89150255
ENSMUSG00000081326	8.489422215	3.478086219	6.35535943	4.832746033	4.297167518

ENSMUSG00000081327	8.489422215	4.173703463	7.061510478	4.832746033	5.729556691
ENSMUSG00000081328	12.02668147	5.56493795	9.179963621	8.860034393	4.297167518
ENSMUSG00000081329	5.65961481	9.043024169	7.061510478	5.638203705	9.310529622
ENSMUSG00000081330	9.904325918	13.21672763	15.53532305	9.665492065	11.45911338
ENSMUSG00000081331	4.952162959	6.956172438	2.824604191	4.832746033	1.432389173
ENSMUSG00000081332	2.122355554	2.782468975	1.412302096	0	3.580972932
ENSMUSG00000081333	7.074518513	8.347406925	5.649208382	5.638203705	11.45911338
ENSMUSG00000081334	10.61177777	4.869320706	7.767661525	8.054576721	5.013362104
ENSMUSG00000081335	8.489422215	5.56493795	10.59226572	6.443661377	5.729556691
ENSMUSG00000081336	3.537259256	3.478086219	2.118453143	1.610915344	0.716194586
ENSMUSG00000081339	10.61177777	15.30357936	13.41686991	4.832746033	7.161945863
ENSMUSG00000081340	17.68629628	9.043024169	16.94762515	8.054576721	7.87814045
ENSMUSG00000081341	7.074518513	3.478086219	1.412302096	2.416373016	2.148583759
ENSMUSG00000081342	6.367066661	5.56493795	7.061510478	4.02728836	5.013362104
ENSMUSG00000081343	6.367066661	8.347406925	8.473812573	11.27640741	10.02672421
ENSMUSG00000081344	14.85648888	6.956172438	6.35535943	13.69278043	12.17530797
ENSMUSG00000081345	7.074518513	7.651789682	11.29841676	3.221830688	5.013362104
ENSMUSG00000081346	7.781970364	11.82549314	8.473812573	6.443661377	12.17530797
ENSMUSG00000081347	8.489422215	5.56493795	5.649208382	7.249119049	7.87814045
ENSMUSG00000081348	1.414903703	2.086851731	3.530755239	3.221830688	3.580972932
ENSMUSG00000081349	2.829807405	4.869320706	2.824604191	2.416373016	8.594335036
ENSMUSG00000081350	0	0	0.706151048	0	0.716194586
ENSMUSG00000081352	9.196874066	4.869320706	6.35535943	7.249119049	6.445751277
ENSMUSG00000081353	3.537259256	4.173703463	7.061510478	7.249119049	5.729556691
ENSMUSG00000081354	7.781970364	4.173703463	5.649208382	6.443661377	3.580972932
ENSMUSG00000081355	9.196874066	9.043024169	13.41686991	12.08186508	10.02672421
ENSMUSG00000081357	6.367066661	2.086851731	8.473812573	4.02728836	5.729556691
ENSMUSG00000081358	3.537259256	3.478086219	4.943057334	3.221830688	5.013362104
ENSMUSG00000081359	29.71297775	35.47647943	40.25060972	28.9964762	30.79636721
ENSMUSG00000081360	7.074518513	12.52111039	12.71071886	8.860034393	15.04008631
ENSMUSG00000081361	7.781970364	9.738641413	12.00456781	4.02728836	5.013362104
ENSMUSG00000081362	7.074518513	6.956172438	2.824604191	4.02728836	10.02672421
ENSMUSG00000081363	8.489422215	6.260555194	5.649208382	7.249119049	4.297167518
ENSMUSG00000081364	2.829807405	3.478086219	6.35535943	3.221830688	5.013362104
ENSMUSG00000081365	2.829807405	4.869320706	1.412302096	2.416373016	4.297167518
ENSMUSG00000081367	7.781970364	9.043024169	10.59226572	4.832746033	7.161945863
ENSMUSG00000081369	6.367066661	8.347406925	7.061510478	8.054576721	6.445751277
ENSMUSG00000081370	4.952162959	9.043024169	11.29841676	4.832746033	4.297167518
ENSMUSG00000081372	18.39374813	18.08604834	14.829172	15.30369577	11.45911338
ENSMUSG00000081373	2.122355554	0.695617244	1.412302096	0	0.716194586
ENSMUSG00000081374	4.244711108	2.086851731	1.412302096	0.805457672	4.297167518
ENSMUSG00000081375	9.904325918	14.60796212	10.59226572	16.91461111	13.60769714
ENSMUSG00000081376	21.22355554	52.17129328	36.01370344	28.19101852	40.82309142

ENSMUSG00000081377	7.074518513	13.21672763	7.767661525	8.054576721	5.729556691
ENSMUSG00000081378	8.489422215	12.52111039	16.2414741	21.74735715	10.02672421
ENSMUSG00000081379	6.367066661	4.869320706	5.649208382	2.416373016	3.580972932
ENSMUSG00000081381	8.489422215	4.869320706	4.943057334	7.249119049	3.580972932
ENSMUSG00000081382	7.074518513	7.651789682	3.530755239	11.27640741	7.87814045
ENSMUSG00000081383	8.489422215	4.869320706	4.236906287	2.416373016	5.013362104
ENSMUSG00000081384	7.074518513	4.869320706	4.943057334	7.249119049	5.729556691
ENSMUSG00000081386	7.074518513	4.173703463	4.943057334	4.832746033	2.148583759
ENSMUSG00000081388	10.61177777	9.738641413	7.767661525	4.832746033	7.161945863
ENSMUSG00000081389	7.781970364	6.260555194	12.00456781	2.416373016	5.729556691
ENSMUSG00000081390	4.952162959	5.56493795	3.530755239	4.02728836	5.013362104
ENSMUSG00000081391	12.73413332	10.43425866	10.59226572	7.249119049	5.729556691
ENSMUSG00000081392	9.196874066	11.82549314	9.886114669	3.221830688	6.445751277
ENSMUSG00000081394	7.781970364	8.347406925	10.59226572	6.443661377	6.445751277
ENSMUSG00000081395	1.414903703	3.478086219	3.530755239	4.02728836	0
ENSMUSG00000081396	7.074518513	6.260555194	4.236906287	3.221830688	3.580972932
ENSMUSG00000081397	5.65961481	1.391234488	3.530755239	3.221830688	4.297167518
ENSMUSG00000081398	4.952162959	3.478086219	4.943057334	2.416373016	4.297167518
ENSMUSG00000081399	6.367066661	2.782468975	6.35535943	3.221830688	2.864778345
ENSMUSG00000081400	9.904325918	7.651789682	5.649208382	9.665492065	7.87814045
ENSMUSG00000081401	9.904325918	4.869320706	2.118453143	5.638203705	6.445751277
ENSMUSG00000081402	11.31922962	6.956172438	14.12302096	7.249119049	9.310529622
ENSMUSG00000081403	7.074518513	2.782468975	5.649208382	4.02728836	5.013362104
ENSMUSG00000081404	31.83533331	59.82308296	58.61053696	58.79841006	61.59273443
ENSMUSG00000081405	12.73413332	6.260555194	9.886114669	8.054576721	8.594335036
ENSMUSG00000081406	10.61177777	12.52111039	8.473812573	19.33098413	16.47247549
ENSMUSG00000081407	3.537259256	2.782468975	4.236906287	0.805457672	3.580972932
ENSMUSG00000081408	5.65961481	4.173703463	3.530755239	2.416373016	6.445751277
ENSMUSG00000081409	3.537259256	6.260555194	2.824604191	2.416373016	2.864778345
ENSMUSG00000081410	4.244711108	4.869320706	2.118453143	2.416373016	2.864778345
ENSMUSG00000081412	13.44158517	10.43425866	7.767661525	8.860034393	9.310529622
ENSMUSG00000081413	9.904325918	4.869320706	4.236906287	8.860034393	9.310529622
ENSMUSG00000081414	4.244711108	2.782468975	1.412302096	3.221830688	2.864778345
ENSMUSG00000081415	8.489422215	6.956172438	11.29841676	3.221830688	3.580972932
ENSMUSG00000081416	7.781970364	14.60796212	7.061510478	6.443661377	9.310529622
ENSMUSG00000081417	11.31922962	8.347406925	6.35535943	7.249119049	9.310529622
ENSMUSG00000081418	1.414903703	0.695617244	2.118453143	0	1.432389173
ENSMUSG00000081420	4.952162959	9.043024169	7.061510478	8.860034393	14.32389173
ENSMUSG00000081421	7.074518513	12.52111039	14.829172	11.27640741	14.32389173
ENSMUSG00000081422	8.489422215	3.478086219	1.412302096	4.02728836	1.432389173
ENSMUSG00000081423	10.61177777	11.82549314	9.179963621	3.221830688	10.02672421
ENSMUSG00000081424	5.65961481	2.086851731	4.943057334	2.416373016	1.432389173
ENSMUSG00000081426	12.02668147	8.347406925	11.29841676	6.443661377	9.310529622

ENSMUSG00000081427	7.781970364	7.651789682	7.767661525	2.416373016	3.580972932
ENSMUSG00000081428	7.781970364	8.347406925	2.824604191	5.638203705	2.148583759
ENSMUSG00000081429	33.25023701	36.86771392	41.66291182	17.72006879	24.35061594
ENSMUSG00000081431	4.952162959	6.260555194	12.00456781	7.249119049	12.17530797
ENSMUSG00000081432	7.074518513	9.043024169	9.179963621	4.832746033	9.310529622
ENSMUSG00000081433	9.196874066	7.651789682	5.649208382	11.27640741	7.87814045
ENSMUSG00000081434	13.44158517	12.52111039	7.767661525	7.249119049	10.7429188
ENSMUSG00000081435	3.537259256	11.1298759	7.061510478	6.443661377	7.161945863
ENSMUSG00000081436	4.244711108	4.869320706	4.236906287	3.221830688	7.161945863
ENSMUSG00000081437	14.14903703	18.08604834	9.179963621	13.69278043	9.310529622
ENSMUSG00000081438	9.904325918	9.043024169	10.59226572	3.221830688	7.87814045
ENSMUSG00000081439	7.074518513	6.956172438	4.236906287	5.638203705	9.310529622
ENSMUSG00000081440	12.73413332	7.651789682	5.649208382	10.47094974	5.013362104
ENSMUSG00000081441	19.10119998	25.73783802	19.77222934	7.249119049	18.62105924
ENSMUSG00000081442	6.367066661	4.869320706	5.649208382	3.221830688	3.580972932
ENSMUSG00000081443	4.244711108	3.478086219	5.649208382	4.02728836	3.580972932
ENSMUSG00000081444	7.074518513	5.56493795	7.767661525	8.860034393	4.297167518
ENSMUSG00000081445	12.02668147	9.043024169	11.29841676	7.249119049	9.310529622
ENSMUSG00000081446	8.489422215	8.347406925	10.59226572	4.02728836	5.729556691
ENSMUSG00000081447	14.85648888	5.56493795	8.473812573	9.665492065	7.87814045
ENSMUSG00000081448	11.31922962	7.651789682	4.236906287	5.638203705	8.594335036
ENSMUSG00000081449	8.489422215	3.478086219	4.943057334	8.054576721	5.729556691
ENSMUSG00000081450	7.074518513	9.043024169	12.00456781	6.443661377	8.594335036
ENSMUSG00000081451	11.31922962	23.65098629	13.41686991	9.665492065	12.89150255
ENSMUSG00000081452	2.122355554	2.782468975	5.649208382	0.805457672	2.864778345
ENSMUSG00000081453	11.31922962	6.260555194	18.35992724	12.08186508	7.87814045
ENSMUSG00000081455	14.85648888	8.347406925	12.71071886	8.860034393	7.87814045
ENSMUSG00000081456	8.489422215	2.086851731	1.412302096	3.221830688	3.580972932
ENSMUSG00000081457	2.829807405	4.173703463	2.824604191	2.416373016	0
ENSMUSG00000081458	3.537259256	2.086851731	5.649208382	1.610915344	0.716194586
ENSMUSG00000081459	9.904325918	10.43425866	10.59226572	9.665492065	16.47247549
ENSMUSG00000081460	7.074518513	6.260555194	9.886114669	5.638203705	2.864778345
ENSMUSG00000081461	3.537259256	2.782468975	2.824604191	3.221830688	0.716194586
ENSMUSG00000081463	7.781970364	6.260555194	5.649208382	3.221830688	7.161945863
ENSMUSG00000081464	3.537259256	4.869320706	2.824604191	4.02728836	0
ENSMUSG00000081465	3.537259256	3.478086219	2.118453143	1.610915344	2.148583759
ENSMUSG00000081466	2.122355554	8.347406925	2.824604191	0	1.432389173
ENSMUSG00000081467	11.31922962	6.260555194	8.473812573	4.02728836	8.594335036
ENSMUSG00000081469	13.44158517	8.347406925	12.71071886	4.832746033	7.87814045
ENSMUSG00000081470	14.14903703	6.956172438	9.886114669	8.860034393	6.445751277
ENSMUSG00000081471	6.367066661	5.56493795	4.236906287	5.638203705	2.864778345
ENSMUSG00000081473	1.414903703	4.869320706	4.236906287	6.443661377	5.013362104
ENSMUSG00000081474	5.65961481	4.173703463	7.767661525	8.860034393	7.161945863



ENSMUSG00000081475	2.829807405	4.869320706	5.649208382	4.02728836	3.580972932
ENSMUSG00000081476	18.39374813	21.56413456	29.65834401	18.52552646	18.62105924
ENSMUSG00000081477	1.414903703	6.260555194	2.118453143	1.610915344	2.148583759
ENSMUSG00000081478	10.61177777	4.869320706	4.943057334	6.443661377	6.445751277
ENSMUSG00000081480	15.56394073	18.78166558	28.95219296	30.60739154	27.93158887
ENSMUSG00000081481	4.244711108	9.043024169	6.35535943	4.02728836	6.445751277
ENSMUSG00000081483	12.02668147	5.56493795	7.767661525	3.221830688	8.594335036
ENSMUSG00000081484	12.73413332	4.173703463	6.35535943	6.443661377	6.445751277
ENSMUSG00000081485	65.08557032	95.2995624	101.6857509	47.52200265	58.72795608
ENSMUSG00000081486	2.829807405	2.086851731	2.824604191	2.416373016	4.297167518
ENSMUSG00000081487	8.489422215	2.782468975	8.473812573	11.27640741	3.580972932
ENSMUSG00000081488	6.367066661	7.651789682	8.473812573	4.832746033	5.729556691
ENSMUSG00000081489	5.65961481	4.173703463	8.473812573	4.832746033	1.432389173
ENSMUSG00000081490	11.31922962	13.91234488	9.886114669	9.665492065	11.45911338
ENSMUSG00000081491	2.829807405	0.695617244	2.824604191	0.805457672	3.580972932
ENSMUSG00000081492	11.31922962	16.69481385	16.94762515	10.47094974	12.17530797
ENSMUSG00000081494	10.61177777	4.869320706	7.767661525	4.02728836	6.445751277
ENSMUSG00000081495	8.489422215	7.651789682	3.530755239	5.638203705	7.161945863
ENSMUSG00000081496	4.244711108	9.043024169	4.943057334	12.88732275	10.7429188
ENSMUSG00000081497	20.51610369	34.78086219	18.35992724	23.35827249	39.39070225
ENSMUSG00000081498	6.367066661	9.738641413	4.943057334	5.638203705	5.013362104
ENSMUSG00000081499	31.83533331	40.34580014	36.01370344	16.91461111	25.78300511
ENSMUSG00000081500	3.537259256	7.651789682	4.943057334	2.416373016	1.432389173
ENSMUSG00000081501	2.829807405	2.782468975	1.412302096	0.805457672	2.148583759
ENSMUSG00000081502	4.244711108	6.260555194	1.412302096	1.610915344	3.580972932
ENSMUSG00000081504	7.074518513	6.260555194	6.35535943	4.832746033	10.02672421
ENSMUSG00000081505	3.537259256	3.478086219	4.236906287	0.805457672	5.729556691
ENSMUSG00000081506	10.61177777	11.82549314	7.061510478	4.832746033	10.02672421
ENSMUSG00000081507	7.781970364	4.869320706	6.35535943	8.054576721	2.864778345
ENSMUSG00000081508	9.196874066	8.347406925	8.473812573	3.221830688	9.310529622
ENSMUSG00000081510	8.489422215	9.738641413	7.767661525	0.805457672	2.864778345
ENSMUSG00000081511	7.074518513	9.043024169	9.886114669	8.054576721	5.729556691
ENSMUSG00000081513	2.829807405	7.651789682	8.473812573	5.638203705	8.594335036
ENSMUSG00000081514	4.244711108	2.086851731	2.118453143	2.416373016	4.297167518
ENSMUSG00000081515	8.489422215	9.043024169	4.236906287	6.443661377	5.013362104
ENSMUSG00000081516	9.196874066	11.1298759	5.649208382	5.638203705	9.310529622
ENSMUSG00000081517	8.489422215	7.651789682	9.179963621	1.610915344	5.729556691
ENSMUSG00000081518	16.97884443	8.347406925	9.886114669	5.638203705	6.445751277
ENSMUSG00000081519	8.489422215	17.39043109	12.00456781	5.638203705	9.310529622
ENSMUSG00000081520	5.65961481	6.260555194	8.473812573	8.860034393	8.594335036
ENSMUSG00000081522	32.54278516	25.04222078	31.77679715	16.91461111	25.06681052
ENSMUSG00000081523	9.196874066	6.260555194	7.061510478	5.638203705	8.594335036
ENSMUSG00000081524	6.367066661	6.260555194	4.943057334	8.860034393	4.297167518

ENSMUSG00000081525	10.61177777	9.043024169	9.179963621	7.249119049	8.594335036
ENSMUSG00000081526	2.122355554	3.478086219	4.943057334	3.221830688	2.148583759
ENSMUSG00000081528	19.80865184	42.43265187	30.36449505	18.52552646	27.93158887
ENSMUSG00000081529	4.244711108	6.956172438	7.767661525	8.860034393	11.45911338
ENSMUSG00000081530	8.489422215	8.347406925	12.00456781	12.08186508	7.87814045
ENSMUSG00000081531	7.781970364	10.43425866	12.71071886	3.221830688	7.87814045
ENSMUSG00000081532	16.27139258	34.78086219	30.36449505	21.74735715	16.47247549
ENSMUSG00000081533	3.537259256	2.086851731	4.943057334	3.221830688	2.864778345
ENSMUSG00000081535	0	0	0	0	0
ENSMUSG00000081536	4.952162959	5.56493795	5.649208382	1.610915344	2.148583759
ENSMUSG00000081537	5.65961481	6.260555194	12.71071886	10.47094974	7.161945863
ENSMUSG00000081538	8.489422215	6.956172438	8.473812573	12.08186508	9.310529622
ENSMUSG00000081539	9.196874066	6.956172438	6.35535943	2.416373016	5.013362104
ENSMUSG00000081540	7.074518513	4.173703463	5.649208382	4.832746033	3.580972932
ENSMUSG00000081541	154.9319554	217.0325801	199.8407465	196.531672	184.0620087
ENSMUSG00000081542	2.122355554	5.56493795	2.824604191	4.02728836	5.729556691
ENSMUSG00000081543	2.829807405	9.043024169	11.29841676	1.610915344	9.310529622
ENSMUSG00000081544	9.196874066	10.43425866	13.41686991	18.52552646	10.02672421
ENSMUSG00000081546	3.537259256	4.173703463	0.706151048	2.416373016	4.297167518
ENSMUSG00000081547	10.61177777	7.651789682	8.473812573	3.221830688	5.729556691
ENSMUSG00000081548	12.73413332	5.56493795	6.35535943	4.02728836	10.7429188
ENSMUSG00000081550	9.904325918	9.043024169	5.649208382	5.638203705	5.729556691
ENSMUSG00000081551	9.904325918	3.478086219	9.179963621	5.638203705	7.161945863
ENSMUSG00000081552	7.781970364	6.956172438	9.179963621	4.832746033	10.7429188
ENSMUSG00000081553	9.196874066	9.043024169	5.649208382	5.638203705	7.161945863
ENSMUSG00000081555	4.952162959	2.782468975	5.649208382	2.416373016	2.864778345
ENSMUSG00000081556	6.367066661	6.956172438	7.061510478	4.832746033	11.45911338
ENSMUSG00000081557	5.65961481	10.43425866	5.649208382	4.02728836	7.161945863
ENSMUSG00000081559	2.122355554	0	0.706151048	0	2.864778345
ENSMUSG00000081560	6.367066661	6.956172438	0.706151048	5.638203705	2.148583759
ENSMUSG00000081561	8.489422215	5.56493795	4.943057334	3.221830688	8.594335036
ENSMUSG00000081562	7.781970364	11.82549314	7.767661525	6.443661377	5.013362104
ENSMUSG00000081563	10.61177777	6.956172438	4.943057334	4.02728836	5.729556691
ENSMUSG00000081564	35.37259256	20.86851731	35.30755239	26.58010318	34.37734014
ENSMUSG00000081565	6.367066661	4.869320706	6.35535943	8.054576721	12.17530797
ENSMUSG00000081566	8.489422215	6.260555194	4.236906287	8.054576721	5.729556691
ENSMUSG00000081567	4.244711108	2.086851731	3.530755239	4.02728836	0.716194586
ENSMUSG00000081568	4.244711108	0.695617244	3.530755239	4.02728836	3.580972932
ENSMUSG00000081569	5.65961481	11.82549314	9.179963621	8.054576721	6.445751277
ENSMUSG00000081570	72.86754068	118.2549314	99.56729774	120.8186508	113.1587446
ENSMUSG00000081571	10.61177777	6.956172438	6.35535943	8.860034393	7.87814045
ENSMUSG00000081572	25.46826665	38.25894841	40.25060972	24.96918783	32.22875639
ENSMUSG00000081573	4.244711108	3.478086219	3.530755239	3.221830688	1.432389173

ENSMUSG00000081574	8.489422215	6.956172438	8.473812573	8.054576721	6.445751277
ENSMUSG00000081575	4.952162959	9.043024169	9.179963621	8.860034393	11.45911338
ENSMUSG00000081576	12.02668147	11.1298759	9.886114669	15.30369577	10.7429188
ENSMUSG00000081577	7.074518513	7.651789682	8.473812573	7.249119049	5.013362104
ENSMUSG00000081578	11.31922962	8.347406925	6.35535943	8.860034393	9.310529622
ENSMUSG00000081579	12.02668147	7.651789682	7.061510478	4.02728836	4.297167518
ENSMUSG00000081580	7.074518513	2.782468975	4.943057334	7.249119049	7.87814045
ENSMUSG00000081581	9.196874066	10.43425866	14.12302096	8.054576721	1.432389173
ENSMUSG00000081583	2.829807405	1.391234488	11.29841676	4.02728836	4.297167518
ENSMUSG00000081584	7.781970364	5.56493795	5.649208382	3.221830688	6.445751277
ENSMUSG00000081585	12.02668147	11.1298759	9.886114669	8.860034393	10.7429188
ENSMUSG00000081586	5.65961481	4.173703463	7.061510478	6.443661377	4.297167518
ENSMUSG00000081587	6.367066661	2.782468975	4.236906287	4.832746033	5.729556691
ENSMUSG00000081588	3.537259256	0.695617244	1.412302096	1.610915344	1.432389173
ENSMUSG00000081589	4.244711108	2.782468975	3.530755239	1.610915344	3.580972932
ENSMUSG00000081590	11.31922962	9.738641413	7.767661525	6.443661377	7.161945863
ENSMUSG00000081591	8.489422215	3.478086219	6.35535943	4.02728836	5.729556691
ENSMUSG00000081592	36.08004441	50.08444155	41.66291182	63.6311561	46.55264811
ENSMUSG00000081593	7.781970364	5.56493795	7.061510478	4.02728836	10.02672421
ENSMUSG00000081594	25.46826665	32.69401046	26.83373982	26.58010318	38.67450766
ENSMUSG00000081595	24.05336294	18.08604834	18.35992724	16.10915344	10.7429188
ENSMUSG00000081596	6.367066661	10.43425866	7.061510478	9.665492065	8.594335036
ENSMUSG00000081597	2.829807405	4.869320706	0.706151048	4.02728836	2.864778345
ENSMUSG00000081598	6.367066661	5.56493795	0.706151048	3.221830688	2.148583759
ENSMUSG00000081599	12.73413332	5.56493795	11.29841676	4.02728836	10.02672421
ENSMUSG00000081600	5.65961481	9.043024169	8.473812573	7.249119049	2.864778345
ENSMUSG00000081601	4.952162959	5.56493795	7.767661525	11.27640741	5.013362104
ENSMUSG00000081602	7.781970364	3.478086219	9.886114669	6.443661377	8.594335036
ENSMUSG00000081603	0	0	0	0	0
ENSMUSG00000081604	60.84085921	103.6469693	93.91808935	68.46390213	63.0251236
ENSMUSG00000081605	14.85648888	18.78166558	10.59226572	11.27640741	13.60769714
ENSMUSG00000081606	8.489422215	5.56493795	5.649208382	1.610915344	2.148583759
ENSMUSG00000081607	6.367066661	2.782468975	2.824604191	2.416373016	4.297167518
ENSMUSG00000081608	68.62282957	102.9513521	102.3919019	99.87675134	69.47087488
ENSMUSG00000081609	7.074518513	8.347406925	8.473812573	10.47094974	8.594335036
ENSMUSG00000081610	5.65961481	10.43425866	6.35535943	3.221830688	4.297167518
ENSMUSG00000081611	8.489422215	8.347406925	8.473812573	2.416373016	7.87814045
ENSMUSG00000081612	4.952162959	1.391234488	2.824604191	4.02728836	3.580972932
ENSMUSG00000081613	7.074518513	5.56493795	5.649208382	8.054576721	10.02672421
ENSMUSG00000081614	4.244711108	2.782468975	6.35535943	1.610915344	4.297167518
ENSMUSG00000081615	14.14903703	6.260555194	4.943057334	4.02728836	5.013362104
ENSMUSG00000081616	7.781970364	6.956172438	9.886114669	7.249119049	11.45911338
ENSMUSG00000081617	7.074518513	6.260555194	6.35535943	0.805457672	5.013362104

ENSMUSG00000081618	5.65961481	7.651789682	4.943057334	2.416373016	5.013362104
ENSMUSG00000081619	31.83533331	40.34580014	36.01370344	18.52552646	34.37734014
ENSMUSG00000081620	9.196874066	3.478086219	9.179963621	3.221830688	5.729556691
ENSMUSG00000081621	13.44158517	17.39043109	15.53532305	11.27640741	13.60769714
ENSMUSG00000081622	4.244711108	5.56493795	6.35535943	3.221830688	8.594335036
ENSMUSG00000081623	4.244711108	7.651789682	8.473812573	4.02728836	7.161945863
ENSMUSG00000081624	12.02668147	11.1298759	10.59226572	5.638203705	2.864778345
ENSMUSG00000081625	2.122355554	2.782468975	4.943057334	1.610915344	4.297167518
ENSMUSG00000081626	8.489422215	6.260555194	7.767661525	7.249119049	5.013362104
ENSMUSG00000081627	24.76081479	21.56413456	26.83373982	29.80193387	17.90486466
ENSMUSG00000081628	1.414903703	3.478086219	4.943057334	2.416373016	5.013362104
ENSMUSG00000081629	5.65961481	6.956172438	7.061510478	6.443661377	2.864778345
ENSMUSG00000081630	12.73413332	9.043024169	7.767661525	8.054576721	2.148583759
ENSMUSG00000081631	7.074518513	7.651789682	3.530755239	8.054576721	2.148583759
ENSMUSG00000081632	11.31922962	4.173703463	9.179963621	8.054576721	6.445751277
ENSMUSG00000081633	5.65961481	9.043024169	3.530755239	2.416373016	3.580972932
ENSMUSG00000081634	4.952162959	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG00000081635	2.122355554	3.478086219	7.061510478	0	3.580972932
ENSMUSG00000081636	9.196874066	5.56493795	4.236906287	5.638203705	7.161945863
ENSMUSG00000081638	4.244711108	3.478086219	2.824604191	6.443661377	2.864778345
ENSMUSG00000081639	4.952162959	1.391234488	2.118453143	2.416373016	2.148583759
ENSMUSG00000081640	9.904325918	6.260555194	5.649208382	10.47094974	7.87814045
ENSMUSG00000081641	9.904325918	4.869320706	4.236906287	0.805457672	6.445751277
ENSMUSG00000081642	41.03220737	30.60715873	33.18909925	32.21830688	37.24211849
ENSMUSG00000081643	12.02668147	11.1298759	12.00456781	10.47094974	5.013362104
ENSMUSG00000081646	5.65961481	3.478086219	2.118453143	2.416373016	2.864778345
ENSMUSG00000081647	15.56394073	25.04222078	28.24604191	15.30369577	17.18867007
ENSMUSG00000081648	12.73413332	11.1298759	9.886114669	8.054576721	11.45911338
ENSMUSG00000081649	11.31922962	6.260555194	4.943057334	4.832746033	5.013362104
ENSMUSG00000081651	10.61177777	4.173703463	8.473812573	4.02728836	10.02672421
ENSMUSG00000081652	1.414903703	2.782468975	0.706151048	1.610915344	0
ENSMUSG00000081653	7.074518513	10.43425866	8.473812573	4.02728836	3.580972932
ENSMUSG00000081654	6.367066661	3.478086219	3.530755239	4.832746033	2.148583759
ENSMUSG00000081656	7.781970364	11.1298759	7.061510478	11.27640741	5.729556691
ENSMUSG00000081657	26.88317035	33.3896277	27.53989086	28.9964762	36.5259239
ENSMUSG00000081658	9.196874066	4.869320706	6.35535943	4.02728836	5.013362104
ENSMUSG00000081659	4.244711108	3.478086219	3.530755239	4.02728836	2.864778345
ENSMUSG00000081660	42.44711108	43.82388636	52.96132858	28.19101852	30.08017263
ENSMUSG00000081661	6.367066661	5.56493795	4.236906287	0.805457672	2.148583759
ENSMUSG00000081662	11.31922962	9.043024169	6.35535943	9.665492065	5.013362104
ENSMUSG00000081663	6.367066661	6.956172438	6.35535943	4.02728836	4.297167518
ENSMUSG00000081664	11.31922962	3.478086219	4.943057334	7.249119049	9.310529622
ENSMUSG00000081665	5.65961481	15.99919661	5.649208382	5.638203705	7.87814045

ENSMUSG00000081666	11.31922962	7.651789682	6.35535943	7.249119049	7.87814045
ENSMUSG00000081667	11.31922962	4.173703463	7.061510478	8.054576721	9.310529622
ENSMUSG00000081668	7.074518513	10.43425866	9.886114669	6.443661377	5.013362104
ENSMUSG00000081669	10.61177777	11.82549314	7.767661525	8.054576721	8.594335036
ENSMUSG00000081670	14.85648888	29.21592424	17.65377619	10.47094974	15.7562809
ENSMUSG00000081671	18.39374813	16.69481385	17.65377619	14.4982381	13.60769714
ENSMUSG00000081672	4.952162959	6.956172438	9.886114669	8.860034393	2.864778345
ENSMUSG00000081673	7.074518513	4.869320706	7.061510478	3.221830688	1.432389173
ENSMUSG00000081674	4.244711108	2.086851731	4.236906287	2.416373016	2.864778345
ENSMUSG00000081675	12.73413332	16.69481385	12.71071886	17.72006879	12.89150255
ENSMUSG00000081676	14.14903703	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000081677	251.852859	281.0293665	280.341966	214.2517408	189.0753708
ENSMUSG00000081678	178.2778665	255.9871457	207.608408	207.0026217	186.2105924
ENSMUSG00000081679	7.074518513	2.086851731	9.886114669	10.47094974	6.445751277
ENSMUSG00000081680	3.537259256	3.478086219	4.236906287	2.416373016	3.580972932
ENSMUSG00000081681	6.367066661	9.043024169	7.061510478	4.832746033	5.013362104
ENSMUSG00000081684	9.904325918	3.478086219	9.179963621	13.69278043	5.013362104
ENSMUSG00000081685	16.97884443	8.347406925	7.767661525	5.638203705	5.729556691
ENSMUSG00000081686	11.31922962	7.651789682	12.71071886	4.832746033	5.729556691
ENSMUSG00000081687	8.489422215	7.651789682	10.59226572	5.638203705	10.02672421
ENSMUSG00000081688	5.65961481	2.086851731	3.530755239	6.443661377	10.02672421
ENSMUSG00000081689	4.244711108	2.782468975	4.943057334	4.832746033	2.148583759
ENSMUSG00000081690	5.65961481	9.043024169	7.061510478	2.416373016	6.445751277
ENSMUSG00000081691	6.367066661	12.52111039	7.767661525	8.860034393	6.445751277
ENSMUSG00000081692	213.6504591	283.8118355	247.1528667	228.7499789	206.9802355
ENSMUSG00000081693	10.61177777	6.260555194	10.59226572	5.638203705	5.013362104
ENSMUSG00000081694	7.074518513	4.869320706	10.59226572	1.610915344	7.87814045
ENSMUSG00000081695	12.73413332	6.956172438	8.473812573	8.054576721	15.04008631
ENSMUSG00000081696	14.85648888	5.56493795	6.35535943	6.443661377	13.60769714
ENSMUSG00000081697	9.196874066	5.56493795	6.35535943	4.832746033	2.148583759
ENSMUSG00000081698	9.196874066	4.869320706	4.943057334	6.443661377	7.161945863
ENSMUSG00000081699	4.952162959	1.391234488	4.236906287	4.832746033	2.148583759
ENSMUSG00000081700	8.489422215	6.260555194	7.061510478	8.860034393	10.02672421
ENSMUSG00000081701	9.196874066	5.56493795	7.767661525	10.47094974	4.297167518
ENSMUSG00000081703	3.537259256	6.260555194	3.530755239	3.221830688	5.013362104
ENSMUSG00000081704	3.537259256	4.869320706	0.706151048	0.805457672	0
ENSMUSG00000081705	8.489422215	6.956172438	8.473812573	7.249119049	5.013362104
ENSMUSG00000081706	4.244711108	4.869320706	3.530755239	4.02728836	3.580972932
ENSMUSG00000081707	68.62282957	99.47326586	85.44427678	62.02024075	49.41742646
ENSMUSG00000081709	2.122355554	4.173703463	6.35535943	1.610915344	3.580972932
ENSMUSG00000081711	9.904325918	8.347406925	5.649208382	13.69278043	9.310529622
ENSMUSG00000081712	7.781970364	7.651789682	10.59226572	6.443661377	3.580972932
ENSMUSG00000081713	16.27139258	4.173703463	9.179963621	3.221830688	7.161945863

ENSMUSG00000081714	13.44158517	3.478086219	7.061510478	7.249119049	8.594335036
ENSMUSG00000081715	6.367066661	8.347406925	9.179963621	5.638203705	9.310529622
ENSMUSG00000081716	5.65961481	1.391234488	5.649208382	4.02728836	3.580972932
ENSMUSG00000081717	4.244711108	7.651789682	4.943057334	4.832746033	5.013362104
ENSMUSG00000081718	9.196874066	6.260555194	0.706151048	0.805457672	2.148583759
ENSMUSG00000081719	12.02668147	9.738641413	5.649208382	7.249119049	5.013362104
ENSMUSG00000081720	6.367066661	11.1298759	7.767661525	4.02728836	7.87814045
ENSMUSG00000081721	2.829807405	1.391234488	3.530755239	2.416373016	2.864778345
ENSMUSG00000081722	7.781970364	6.260555194	9.179963621	5.638203705	12.89150255
ENSMUSG00000081723	13.44158517	9.738641413	7.061510478	6.443661377	12.89150255
ENSMUSG00000081728	4.952162959	3.478086219	5.649208382	4.02728836	2.864778345
ENSMUSG00000081729	7.781970364	1.391234488	2.824604191	4.02728836	2.864778345
ENSMUSG00000081730	26.1757185	44.5195036	41.66291182	17.72006879	22.20203218
ENSMUSG00000081731	7.781970364	6.260555194	7.767661525	4.832746033	7.87814045
ENSMUSG00000081732	7.074518513	9.738641413	5.649208382	6.443661377	7.161945863
ENSMUSG00000081733	7.781970364	6.260555194	9.886114669	4.02728836	5.729556691
ENSMUSG00000081734	12.02668147	7.651789682	7.767661525	8.860034393	8.594335036
ENSMUSG00000081735	0.707451851	0	0.706151048	0	0.716194586
ENSMUSG00000081736	4.244711108	3.478086219	4.236906287	3.221830688	5.013362104
ENSMUSG00000081737	9.904325918	6.956172438	14.12302096	3.221830688	7.161945863
ENSMUSG00000081738	6.367066661	6.956172438	7.061510478	4.832746033	7.161945863
ENSMUSG00000081739	4.244711108	4.173703463	5.649208382	3.221830688	2.864778345
ENSMUSG00000081740	9.196874066	11.1298759	6.35535943	9.665492065	6.445751277
ENSMUSG00000081741	7.781970364	5.56493795	5.649208382	1.610915344	2.864778345
ENSMUSG00000081742	4.244711108	3.478086219	2.824604191	4.02728836	1.432389173
ENSMUSG00000081743	2.829807405	4.173703463	4.943057334	4.832746033	3.580972932
ENSMUSG00000081744	9.196874066	6.260555194	9.886114669	7.249119049	8.594335036
ENSMUSG00000081745	10.61177777	15.30357936	16.94762515	13.69278043	7.161945863
ENSMUSG00000081746	13.44158517	7.651789682	7.767661525	7.249119049	5.013362104
ENSMUSG00000081747	9.196874066	6.956172438	7.767661525	8.054576721	7.87814045
ENSMUSG00000081748	2.829807405	6.260555194	9.179963621	4.02728836	5.729556691
ENSMUSG00000081749	12.02668147	6.956172438	8.473812573	6.443661377	9.310529622
ENSMUSG00000081750	3.537259256	4.173703463	5.649208382	1.610915344	3.580972932
ENSMUSG00000081751	2.829807405	1.391234488	0.706151048	0.805457672	0.716194586
ENSMUSG00000081752	7.074518513	4.173703463	7.061510478	3.221830688	5.729556691
ENSMUSG00000081755	7.074518513	5.56493795	4.236906287	1.610915344	2.864778345
ENSMUSG00000081756	18.39374813	15.99919661	17.65377619	5.638203705	8.594335036
ENSMUSG00000081757	5.65961481	9.043024169	8.473812573	3.221830688	4.297167518
ENSMUSG00000081758	7.781970364	5.56493795	7.767661525	8.860034393	7.87814045
ENSMUSG00000081761	4.952162959	2.782468975	0.706151048	2.416373016	0.716194586
ENSMUSG00000081762	11.31922962	10.43425866	7.767661525	8.860034393	5.013362104
ENSMUSG00000081763	9.196874066	4.869320706	4.236906287	2.416373016	2.864778345
ENSMUSG00000081765	4.244711108	8.347406925	6.35535943	7.249119049	4.297167518

ENSMUSG00000081766	7.074518513	18.08604834	10.59226572	16.10915344	15.04008631
ENSMUSG00000081767	0	0	0	0	0
ENSMUSG00000081768	0.707451851	3.478086219	2.118453143	0.805457672	3.580972932
ENSMUSG00000081770	10.61177777	5.56493795	12.71071886	7.249119049	9.310529622
ENSMUSG00000081771	8.489422215	4.173703463	3.530755239	4.02728836	5.729556691
ENSMUSG00000081772	7.074518513	6.956172438	3.530755239	8.054576721	2.864778345
ENSMUSG00000081773	14.14903703	6.956172438	5.649208382	7.249119049	12.89150255
ENSMUSG00000081774	7.074518513	11.1298759	7.061510478	5.638203705	6.445751277
ENSMUSG00000081775	6.367066661	4.869320706	7.767661525	3.221830688	6.445751277
ENSMUSG00000081777	6.367066661	6.956172438	4.236906287	5.638203705	6.445751277
ENSMUSG00000081778	3.537259256	4.869320706	4.943057334	2.416373016	5.729556691
ENSMUSG00000081779	6.367066661	2.086851731	8.473812573	3.221830688	3.580972932
ENSMUSG00000081781	4.952162959	4.173703463	4.236906287	4.02728836	6.445751277
ENSMUSG00000081782	20.51610369	27.12907251	30.36449505	26.58010318	28.64778345
ENSMUSG00000081783	139.3680147	162.774435	161.7085899	95.04400531	101.6996313
ENSMUSG00000081784	8.489422215	9.043024169	4.943057334	4.832746033	9.310529622
ENSMUSG00000081786	10.61177777	5.56493795	12.00456781	7.249119049	5.729556691
ENSMUSG00000081787	12.73413332	9.738641413	8.473812573	8.860034393	7.161945863
ENSMUSG00000081788	14.14903703	13.21672763	15.53532305	20.1364418	15.04008631
ENSMUSG00000081789	11.31922962	6.956172438	9.886114669	8.054576721	8.594335036
ENSMUSG00000081791	13.44158517	7.651789682	7.767661525	2.416373016	7.161945863
ENSMUSG00000081792	13.44158517	11.1298759	6.35535943	8.860034393	11.45911338
ENSMUSG00000081793	2.829807405	6.260555194	3.530755239	3.221830688	1.432389173
ENSMUSG00000081796	2.829807405	2.782468975	4.943057334	1.610915344	5.013362104
ENSMUSG00000081797	4.244711108	4.173703463	4.943057334	1.610915344	2.148583759
ENSMUSG00000081798	8.489422215	8.347406925	8.473812573	11.27640741	5.729556691
ENSMUSG00000081799	12.73413332	4.869320706	7.767661525	12.88732275	7.87814045
ENSMUSG00000081800	11.31922962	9.043024169	4.236906287	7.249119049	10.7429188
ENSMUSG00000081801	43.15456293	57.04061399	49.43057334	46.71654498	51.56601022
ENSMUSG00000081803	3.537259256	3.478086219	1.412302096	2.416373016	2.864778345
ENSMUSG00000081804	5.65961481	4.173703463	2.118453143	0.805457672	2.864778345
ENSMUSG00000081805	39.61730367	47.99758982	63.5535943	36.24559524	39.39070225
ENSMUSG00000081806	1.414903703	2.782468975	2.118453143	4.832746033	3.580972932
ENSMUSG00000081807	9.904325918	2.782468975	6.35535943	2.416373016	2.148583759
ENSMUSG00000081809	1.414903703	1.391234488	0.706151048	0	1.432389173
ENSMUSG00000081810	13.44158517	9.738641413	5.649208382	11.27640741	9.310529622
ENSMUSG00000081811	12.02668147	20.86851731	10.59226572	7.249119049	12.17530797
ENSMUSG00000081812	4.244711108	5.56493795	2.824604191	4.832746033	4.297167518
ENSMUSG00000081813	4.952162959	3.478086219	7.767661525	5.638203705	5.013362104
ENSMUSG00000081814	5.65961481	2.086851731	3.530755239	4.02728836	6.445751277
ENSMUSG00000081816	5.65961481	6.260555194	9.179963621	8.054576721	5.013362104
ENSMUSG00000081817	15.56394073	8.347406925	12.00456781	16.10915344	7.87814045
ENSMUSG00000081818	9.196874066	11.1298759	9.179963621	6.443661377	9.310529622

ENSMUSG00000081819	7.781970364	6.956172438	7.061510478	9.665492065	4.297167518
ENSMUSG00000081820	8.489422215	4.869320706	10.59226572	5.638203705	6.445751277
ENSMUSG00000081821	5.65961481	4.869320706	3.530755239	1.610915344	3.580972932
ENSMUSG00000081822	6.367066661	4.173703463	9.886114669	5.638203705	4.297167518
ENSMUSG00000081823	7.781970364	10.43425866	7.061510478	5.638203705	6.445751277
ENSMUSG00000081824	12.02668147	34.08524495	21.18453143	15.30369577	12.89150255
ENSMUSG00000081827	4.952162959	6.956172438	3.530755239	3.221830688	6.445751277
ENSMUSG00000081828	7.074518513	4.869320706	8.473812573	5.638203705	9.310529622
ENSMUSG00000081829	10.61177777	6.260555194	9.886114669	12.08186508	10.7429188
ENSMUSG00000081830	10.61177777	9.043024169	7.061510478	7.249119049	5.013362104
ENSMUSG00000081831	2.122355554	4.869320706	3.530755239	7.249119049	4.297167518
ENSMUSG00000081832	2.829807405	3.478086219	5.649208382	0.805457672	4.297167518
ENSMUSG00000081833	10.61177777	4.869320706	7.061510478	11.27640741	11.45911338
ENSMUSG00000081834	11.31922962	7.651789682	9.886114669	6.443661377	10.7429188
ENSMUSG00000081835	11.31922962	11.1298759	8.473812573	5.638203705	9.310529622
ENSMUSG00000081836	4.952162959	3.478086219	3.530755239	4.02728836	8.594335036
ENSMUSG00000081837	2.122355554	4.869320706	4.236906287	1.610915344	5.729556691
ENSMUSG00000081838	304.204296	331.113808	298.7018932	390.646971	293.6397804
ENSMUSG00000081839	6.367066661	8.347406925	6.35535943	5.638203705	6.445751277
ENSMUSG00000081840	7.781970364	8.347406925	6.35535943	1.610915344	6.445751277
ENSMUSG00000081841	7.074518513	10.43425866	7.061510478	5.638203705	10.02672421
ENSMUSG00000081842	10.61177777	8.347406925	4.943057334	8.860034393	6.445751277
ENSMUSG00000081843	7.074518513	1.391234488	3.530755239	4.832746033	5.729556691
ENSMUSG00000081844	12.73413332	7.651789682	6.35535943	9.665492065	7.87814045
ENSMUSG00000081845	7.074518513	6.260555194	2.824604191	0.805457672	1.432389173
ENSMUSG00000081847	7.781970364	9.738641413	9.179963621	7.249119049	6.445751277
ENSMUSG00000081848	9.196874066	11.82549314	4.943057334	7.249119049	5.729556691
ENSMUSG00000081849	11.31922962	5.56493795	4.943057334	6.443661377	9.310529622
ENSMUSG00000081850	10.61177777	14.60796212	11.29841676	6.443661377	8.594335036
ENSMUSG00000081851	4.952162959	6.956172438	6.35535943	6.443661377	11.45911338
ENSMUSG00000081852	5.65961481	10.43425866	4.236906287	9.665492065	7.87814045
ENSMUSG00000081853	10.61177777	5.56493795	8.473812573	2.416373016	7.161945863
ENSMUSG00000081854	14.85648888	11.82549314	15.53532305	8.054576721	15.04008631
ENSMUSG00000081855	7.781970364	7.651789682	10.59226572	12.08186508	10.02672421
ENSMUSG00000081856	5.65961481	2.086851731	3.530755239	3.221830688	4.297167518
ENSMUSG00000081857	7.781970364	11.1298759	10.59226572	7.249119049	4.297167518
ENSMUSG00000081858	5.65961481	2.782468975	4.236906287	0.805457672	1.432389173
ENSMUSG00000081859	4.952162959	7.651789682	9.179963621	5.638203705	10.7429188
ENSMUSG00000081860	7.781970364	9.738641413	7.767661525	6.443661377	8.594335036
ENSMUSG00000081861	12.02668147	13.21672763	12.00456781	19.33098413	23.63442135
ENSMUSG00000081862	9.196874066	8.347406925	9.179963621	6.443661377	4.297167518
ENSMUSG00000081863	14.14903703	9.738641413	2.824604191	4.832746033	7.87814045
ENSMUSG00000081864	6.367066661	2.086851731	9.886114669	5.638203705	8.594335036



ENSMUSG00000081865	11.31922962	25.73783802	20.47838039	17.72006879	21.48583759
ENSMUSG00000081866	67.20792587	95.99517964	98.15499564	155.4533307	131.0636093
ENSMUSG00000081868	36.78749627	50.7800588	45.8998181	41.88379895	45.12025894
ENSMUSG00000081869	4.244711108	6.260555194	4.236906287	3.221830688	2.864778345
ENSMUSG00000081870	2.829807405	2.086851731	4.236906287	1.610915344	0.716194586
ENSMUSG00000081871	9.904325918	9.738641413	9.886114669	5.638203705	10.02672421
ENSMUSG00000081872	12.02668147	6.260555194	4.236906287	4.02728836	2.864778345
ENSMUSG00000081873	9.196874066	7.651789682	8.473812573	8.860034393	8.594335036
ENSMUSG00000081874	4.244711108	6.260555194	4.236906287	2.416373016	2.148583759
ENSMUSG00000081875	5.65961481	4.173703463	7.061510478	4.02728836	2.148583759
ENSMUSG00000081876	16.27139258	9.043024169	11.29841676	4.02728836	2.148583759
ENSMUSG00000081877	8.489422215	4.173703463	4.943057334	1.610915344	2.148583759
ENSMUSG00000081878	12.02668147	5.56493795	6.35535943	3.221830688	8.594335036
ENSMUSG00000081879	7.781970364	8.347406925	11.29841676	8.054576721	8.594335036
ENSMUSG00000081880	3.537259256	4.173703463	6.35535943	2.416373016	2.864778345
ENSMUSG00000081881	6.367066661	3.478086219	4.943057334	4.02728836	2.864778345
ENSMUSG00000081882	12.02668147	3.478086219	9.179963621	8.860034393	4.297167518
ENSMUSG00000081883	7.781970364	6.956172438	7.061510478	4.02728836	10.7429188
ENSMUSG00000081884	9.904325918	9.738641413	5.649208382	9.665492065	12.17530797
ENSMUSG00000081885	19.10119998	9.738641413	11.29841676	16.10915344	14.32389173
ENSMUSG00000081886	2.122355554	2.782468975	3.530755239	2.416373016	4.297167518
ENSMUSG00000081887	7.074518513	6.260555194	7.061510478	7.249119049	6.445751277
ENSMUSG00000081888	4.244711108	10.43425866	9.886114669	4.02728836	5.729556691
ENSMUSG00000081889	4.952162959	3.478086219	5.649208382	6.443661377	7.161945863
ENSMUSG00000081890	9.904325918	8.347406925	7.061510478	8.860034393	8.594335036
ENSMUSG00000081891	4.244711108	6.956172438	6.35535943	4.02728836	2.148583759
ENSMUSG00000081892	4.244711108	0.695617244	3.530755239	0.805457672	2.148583759
ENSMUSG00000081893	9.196874066	5.56493795	11.29841676	6.443661377	5.013362104
ENSMUSG00000081894	166.251185	212.8588766	197.0161423	174.7843148	151.1170577
ENSMUSG00000081895	8.489422215	6.260555194	14.12302096	9.665492065	12.89150255
ENSMUSG00000081896	14.14903703	4.173703463	4.943057334	0.805457672	5.729556691
ENSMUSG00000081897	4.244711108	6.260555194	5.649208382	5.638203705	6.445751277
ENSMUSG00000081898	7.074518513	2.086851731	3.530755239	2.416373016	4.297167518
ENSMUSG00000081899	10.61177777	6.956172438	7.061510478	4.02728836	3.580972932
ENSMUSG00000081900	3.537259256	4.173703463	4.236906287	2.416373016	3.580972932
ENSMUSG00000081901	11.31922962	4.869320706	9.179963621	5.638203705	5.013362104
ENSMUSG00000081903	9.196874066	5.56493795	9.886114669	7.249119049	7.161945863
ENSMUSG00000081904	9.196874066	10.43425866	10.59226572	6.443661377	10.02672421
ENSMUSG00000081905	7.074518513	12.52111039	10.59226572	17.72006879	8.594335036
ENSMUSG00000081906	6.367066661	4.173703463	7.767661525	11.27640741	7.87814045
ENSMUSG00000081907	9.196874066	9.738641413	7.767661525	5.638203705	6.445751277
ENSMUSG00000081908	8.489422215	7.651789682	7.767661525	3.221830688	3.580972932
ENSMUSG00000081909	4.244711108	9.738641413	8.473812573	5.638203705	7.161945863

ENSMUSG00000081910	8.489422215	8.347406925	5.649208382	7.249119049	7.87814045
ENSMUSG00000081911	7.781970364	9.043024169	8.473812573	5.638203705	12.89150255
ENSMUSG00000081912	0.707451851	0.695617244	1.412302096	0	1.432389173
ENSMUSG00000081913	7.781970364	6.956172438	9.886114669	7.249119049	12.17530797
ENSMUSG00000081914	8.489422215	6.260555194	4.943057334	4.02728836	1.432389173
ENSMUSG00000081915	7.074518513	4.173703463	4.236906287	1.610915344	4.297167518
ENSMUSG00000081916	3.537259256	3.478086219	1.412302096	1.610915344	1.432389173
ENSMUSG00000081917	5.65961481	9.043024169	7.767661525	8.054576721	5.013362104
ENSMUSG00000081918	4.244711108	4.173703463	2.118453143	4.832746033	5.013362104
ENSMUSG00000081919	12.73413332	4.173703463	6.35535943	3.221830688	9.310529622
ENSMUSG00000081920	7.074518513	9.738641413	9.179963621	8.860034393	9.310529622
ENSMUSG00000081921	7.781970364	7.651789682	3.530755239	6.443661377	9.310529622
ENSMUSG00000081922	7.781970364	2.086851731	4.943057334	7.249119049	3.580972932
ENSMUSG00000081923	2.122355554	6.260555194	7.061510478	3.221830688	2.148583759
ENSMUSG00000081924	8.489422215	9.738641413	7.767661525	9.665492065	12.17530797
ENSMUSG00000081925	9.196874066	9.043024169	7.767661525	6.443661377	12.17530797
ENSMUSG00000081926	10.61177777	15.99919661	13.41686991	8.054576721	8.594335036
ENSMUSG00000081928	5.65961481	5.56493795	4.236906287	1.610915344	2.864778345
ENSMUSG00000081929	24.76081479	61.9099347	55.07978173	38.66196826	50.84981563
ENSMUSG00000081931	4.244711108	2.782468975	3.530755239	8.860034393	5.013362104
ENSMUSG00000081932	7.074518513	4.869320706	8.473812573	5.638203705	5.729556691
ENSMUSG00000081933	2.122355554	2.086851731	5.649208382	4.02728836	8.594335036
ENSMUSG00000081934	7.781970364	7.651789682	6.35535943	9.665492065	3.580972932
ENSMUSG00000081935	7.781970364	18.08604834	12.00456781	13.69278043	16.47247549
ENSMUSG00000081936	11.31922962	7.651789682	10.59226572	5.638203705	2.864778345
ENSMUSG00000081937	7.074518513	2.782468975	5.649208382	1.610915344	4.297167518
ENSMUSG00000081938	0.707451851	0.695617244	2.824604191	0	0.716194586
ENSMUSG00000081939	8.489422215	5.56493795	8.473812573	4.832746033	2.864778345
ENSMUSG00000081940	3.537259256	2.086851731	4.236906287	5.638203705	4.297167518
ENSMUSG00000081941	11.31922962	2.782468975	7.061510478	5.638203705	3.580972932
ENSMUSG00000081942	4.952162959	4.869320706	0.706151048	4.02728836	4.297167518
ENSMUSG00000081943	4.952162959	4.869320706	5.649208382	3.221830688	4.297167518
ENSMUSG00000081944	18.39374813	23.65098629	19.06607829	13.69278043	21.48583759
ENSMUSG00000081945	13.44158517	7.651789682	6.35535943	5.638203705	5.013362104
ENSMUSG00000081946	12.02668147	6.260555194	7.767661525	7.249119049	6.445751277
ENSMUSG00000081947	6.367066661	2.782468975	5.649208382	4.02728836	2.148583759
ENSMUSG00000081948	6.367066661	6.956172438	8.473812573	4.832746033	9.310529622
ENSMUSG00000081949	14.85648888	12.52111039	12.71071886	7.249119049	7.87814045
ENSMUSG00000081950	8.489422215	6.260555194	8.473812573	6.443661377	4.297167518
ENSMUSG00000081951	12.73413332	7.651789682	12.71071886	5.638203705	6.445751277
ENSMUSG00000081952	12.02668147	6.260555194	2.824604191	6.443661377	4.297167518
ENSMUSG00000081953	12.02668147	15.30357936	19.06607829	20.1364418	26.49919969
ENSMUSG00000081954	13.44158517	6.956172438	7.767661525	5.638203705	7.161945863

ENSMUSG00000081955	8.489422215	7.651789682	9.179963621	4.02728836	5.729556691
ENSMUSG00000081957	2.829807405	1.391234488	2.118453143	1.610915344	3.580972932
ENSMUSG00000081958	20.51610369	20.17290007	24.00913562	39.46742593	16.47247549
ENSMUSG00000081959	3.537259256	2.782468975	4.943057334	0.805457672	1.432389173
ENSMUSG00000081960	6.367066661	3.478086219	0.706151048	0.805457672	3.580972932
ENSMUSG00000081961	7.074518513	6.956172438	6.35535943	3.221830688	5.013362104
ENSMUSG00000081962	3.537259256	2.086851731	1.412302096	1.610915344	1.432389173
ENSMUSG00000081964	9.904325918	3.478086219	6.35535943	5.638203705	6.445751277
ENSMUSG00000081965	7.781970364	6.956172438	3.530755239	10.47094974	10.02672421
ENSMUSG00000081966	10.61177777	9.043024169	9.179963621	4.832746033	4.297167518
ENSMUSG00000081967	9.196874066	7.651789682	13.41686991	12.08186508	14.32389173
ENSMUSG00000081968	34.66514071	66.7792554	52.25517753	41.07834128	44.40406435
ENSMUSG00000081969	5.65961481	4.173703463	9.886114669	5.638203705	5.013362104
ENSMUSG00000081970	4.952162959	9.738641413	12.71071886	2.416373016	1.432389173
ENSMUSG00000081971	7.781970364	4.869320706	4.943057334	8.860034393	8.594335036
ENSMUSG00000081972	6.367066661	5.56493795	3.530755239	3.221830688	2.148583759
ENSMUSG00000081973	13.44158517	5.56493795	10.59226572	4.02728836	7.87814045
ENSMUSG00000081974	205.8684887	235.1186284	206.1961059	207.8080794	158.9951982
ENSMUSG00000081975	7.074518513	3.478086219	9.179963621	3.221830688	2.864778345
ENSMUSG00000081976	2.122355554	1.391234488	4.236906287	1.610915344	1.432389173
ENSMUSG00000081977	10.61177777	9.043024169	7.767661525	4.832746033	9.310529622
ENSMUSG00000081978	4.244711108	4.869320706	6.35535943	4.02728836	2.148583759
ENSMUSG00000081979	9.904325918	6.956172438	4.943057334	6.443661377	7.161945863
ENSMUSG00000081980	12.02668147	6.956172438	8.473812573	3.221830688	9.310529622
ENSMUSG00000081982	7.781970364	6.260555194	1.412302096	2.416373016	5.013362104
ENSMUSG00000081985	7.781970364	6.260555194	7.767661525	4.832746033	3.580972932
ENSMUSG00000081986	4.952162959	3.478086219	5.649208382	4.832746033	4.297167518
ENSMUSG00000081987	7.074518513	9.738641413	9.179963621	8.860034393	6.445751277
ENSMUSG00000081988	10.61177777	6.956172438	8.473812573	4.02728836	8.594335036
ENSMUSG00000081990	11.31922962	7.651789682	9.886114669	7.249119049	2.864778345
ENSMUSG00000081991	0	0.695617244	1.412302096	0.805457672	0.716194586
ENSMUSG00000081992	9.904325918	9.043024169	8.473812573	8.054576721	6.445751277
ENSMUSG00000081993	1.414903703	0.695617244	4.236906287	1.610915344	2.864778345
ENSMUSG00000081994	10.61177777	3.478086219	3.530755239	0	3.580972932
ENSMUSG00000081995	12.73413332	15.99919661	13.41686991	12.08186508	14.32389173
ENSMUSG00000081996	7.781970364	8.347406925	4.236906287	6.443661377	7.161945863
ENSMUSG00000081997	12.02668147	4.173703463	9.179963621	7.249119049	7.87814045
ENSMUSG00000081998	55.88869625	52.17129328	30.36449505	33.02376456	32.22875639
ENSMUSG00000081999	15.56394073	15.99919661	14.829172	17.72006879	14.32389173
ENSMUSG00000082000	4.952162959	10.43425866	9.179963621	12.08186508	7.87814045
ENSMUSG00000082001	13.44158517	17.39043109	21.89068248	16.10915344	16.47247549
ENSMUSG00000082002	2.829807405	2.086851731	7.061510478	4.832746033	7.87814045
ENSMUSG00000082004	15.56394073	7.651789682	7.767661525	3.221830688	5.013362104

ENSMUSG0000082005	5.65961481	2.086851731	4.236906287	3.221830688	2.864778345
ENSMUSG0000082006	7.074518513	4.173703463	5.649208382	4.02728836	10.02672421
ENSMUSG0000082007	2.829807405	3.478086219	6.35535943	4.02728836	4.297167518
ENSMUSG0000082008	7.781970364	20.86851731	15.53532305	11.27640741	12.89150255
ENSMUSG0000082009	7.074518513	8.347406925	7.767661525	7.249119049	8.594335036
ENSMUSG0000082010	10.61177777	8.347406925	6.35535943	3.221830688	5.729556691
ENSMUSG0000082011	0	0	0	0	0
ENSMUSG0000082012	14.14903703	4.869320706	5.649208382	5.638203705	6.445751277
ENSMUSG0000082013	67.20792587	98.08203137	98.86114669	35.44013757	45.83645353
ENSMUSG0000082014	14.85648888	9.738641413	4.943057334	4.832746033	5.013362104
ENSMUSG0000082015	8.489422215	6.260555194	8.473812573	7.249119049	5.729556691
ENSMUSG0000082016	9.904325918	23.65098629	17.65377619	24.96918783	25.06681052
ENSMUSG0000082017	5.65961481	11.1298759	4.236906287	2.416373016	5.013362104
ENSMUSG0000082018	2.122355554	3.478086219	3.530755239	3.221830688	6.445751277
ENSMUSG0000082019	4.244711108	3.478086219	2.824604191	2.416373016	2.864778345
ENSMUSG0000082020	7.074518513	4.173703463	5.649208382	8.054576721	5.013362104
ENSMUSG0000082021	5.65961481	2.782468975	2.118453143	0.805457672	2.148583759
ENSMUSG0000082022	7.074518513	2.782468975	6.35535943	3.221830688	5.729556691
ENSMUSG0000082023	10.61177777	11.1298759	6.35535943	3.221830688	6.445751277
ENSMUSG0000082024	7.781970364	4.173703463	7.767661525	6.443661377	4.297167518
ENSMUSG0000082025	6.367066661	8.347406925	14.12302096	1.610915344	9.310529622
ENSMUSG0000082026	7.781970364	5.56493795	5.649208382	4.832746033	10.7429188
ENSMUSG0000082027	12.02668147	9.043024169	7.061510478	3.221830688	6.445751277
ENSMUSG0000082028	9.196874066	10.43425866	10.59226572	7.249119049	4.297167518
ENSMUSG0000082029	11.31922962	9.043024169	10.59226572	10.47094974	12.17530797
ENSMUSG0000082030	7.781970364	7.651789682	7.061510478	4.832746033	9.310529622
ENSMUSG0000082031	7.074518513	7.651789682	4.943057334	3.221830688	7.87814045
ENSMUSG0000082032	7.074518513	7.651789682	4.943057334	5.638203705	5.729556691
ENSMUSG0000082033	2.829807405	1.391234488	3.530755239	4.02728836	0.716194586
ENSMUSG0000082035	7.074518513	3.478086219	7.061510478	4.02728836	10.02672421
ENSMUSG0000082036	4.244711108	1.391234488	4.236906287	4.02728836	5.013362104
ENSMUSG0000082037	10.61177777	6.260555194	9.886114669	4.02728836	3.580972932
ENSMUSG0000082038	9.196874066	9.738641413	7.767661525	9.665492065	6.445751277
ENSMUSG0000082039	8.489422215	6.956172438	9.886114669	6.443661377	7.87814045
ENSMUSG0000082040	5.65961481	6.956172438	9.179963621	7.249119049	3.580972932
ENSMUSG0000082042	9.196874066	6.956172438	8.473812573	2.416373016	5.013362104
ENSMUSG0000082043	4.952162959	11.1298759	7.767661525	3.221830688	4.297167518
ENSMUSG0000082044	10.61177777	11.1298759	11.29841676	13.69278043	17.18867007
ENSMUSG0000082045	9.196874066	6.956172438	9.179963621	8.860034393	9.310529622
ENSMUSG0000082046	8.489422215	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG0000082047	9.196874066	6.260555194	9.886114669	2.416373016	7.87814045
ENSMUSG0000082048	0	0	0	0	0
ENSMUSG0000082049	7.781970364	5.56493795	6.35535943	4.02728836	9.310529622

ENSMUSG0000082050	2.122355554	0	1.412302096	0.805457672	1.432389173
ENSMUSG0000082051	9.196874066	7.651789682	10.59226572	4.02728836	6.445751277
ENSMUSG0000082052	7.074518513	3.478086219	5.649208382	4.02728836	12.17530797
ENSMUSG0000082053	4.952162959	8.347406925	8.473812573	8.054576721	9.310529622
ENSMUSG0000082054	4.244711108	1.391234488	4.236906287	1.610915344	2.148583759
ENSMUSG0000082055	11.31922962	9.738641413	9.179963621	10.47094974	6.445751277
ENSMUSG0000082056	7.781970364	12.52111039	4.943057334	3.221830688	2.864778345
ENSMUSG0000082057	55.88869625	61.21431745	76.26431316	19.33098413	31.5125618
ENSMUSG0000082058	8.489422215	7.651789682	3.530755239	5.638203705	2.864778345
ENSMUSG0000082059	10.61177777	8.347406925	5.649208382	3.221830688	14.32389173
ENSMUSG0000082060	4.244711108	2.086851731	4.236906287	2.416373016	3.580972932
ENSMUSG0000082061	10.61177777	5.56493795	7.061510478	4.832746033	8.594335036
ENSMUSG0000082062	1.414903703	0.695617244	0	0	1.432389173
ENSMUSG0000082063	9.196874066	4.173703463	8.473812573	4.832746033	10.7429188
ENSMUSG0000082064	15.56394073	9.043024169	9.886114669	8.054576721	12.89150255
ENSMUSG0000082065	13.44158517	6.956172438	12.00456781	7.249119049	6.445751277
ENSMUSG0000082066	8.489422215	5.56493795	9.886114669	6.443661377	6.445751277
ENSMUSG0000082068	8.489422215	6.956172438	9.886114669	10.47094974	9.310529622
ENSMUSG0000082069	11.31922962	6.260555194	4.943057334	4.832746033	4.297167518
ENSMUSG0000082070	7.074518513	6.260555194	4.236906287	3.221830688	3.580972932
ENSMUSG0000082071	5.65961481	4.173703463	3.530755239	1.610915344	5.013362104
ENSMUSG0000082072	8.489422215	7.651789682	8.473812573	6.443661377	4.297167518
ENSMUSG0000082073	7.074518513	7.651789682	8.473812573	8.054576721	5.013362104
ENSMUSG0000082074	7.074518513	7.651789682	7.767661525	7.249119049	6.445751277
ENSMUSG0000082076	2.122355554	3.478086219	4.943057334	4.02728836	1.432389173
ENSMUSG0000082077	10.61177777	4.173703463	7.061510478	9.665492065	7.161945863
ENSMUSG0000082078	7.781970364	11.82549314	8.473812573	5.638203705	10.02672421
ENSMUSG0000082079	6.367066661	4.869320706	4.943057334	2.416373016	7.87814045
ENSMUSG0000082080	14.14903703	6.956172438	6.35535943	5.638203705	7.161945863
ENSMUSG0000082081	7.074518513	2.782468975	3.530755239	4.02728836	4.297167518
ENSMUSG0000082082	19.10119998	15.99919661	16.2414741	10.47094974	20.05344842
ENSMUSG0000082083	4.952162959	2.782468975	2.824604191	3.221830688	2.864778345
ENSMUSG0000082084	9.196874066	6.260555194	7.061510478	7.249119049	7.161945863
ENSMUSG0000082085	4.952162959	2.086851731	7.061510478	0	5.013362104
ENSMUSG0000082087	7.074518513	9.738641413	11.29841676	8.860034393	10.02672421
ENSMUSG0000082088	12.73413332	13.91234488	9.886114669	15.30369577	7.87814045
ENSMUSG0000082089	5.65961481	2.086851731	7.061510478	4.832746033	5.729556691
ENSMUSG0000082090	4.952162959	5.56493795	6.35535943	4.02728836	1.432389173
ENSMUSG0000082091	4.244711108	9.738641413	7.061510478	4.832746033	9.310529622
ENSMUSG0000082092	3.537259256	4.869320706	1.412302096	1.610915344	2.864778345
ENSMUSG0000082093	6.367066661	5.56493795	7.767661525	5.638203705	5.013362104
ENSMUSG0000082095	21.93100739	15.99919661	10.59226572	20.1364418	13.60769714
ENSMUSG0000082096	12.02668147	9.043024169	11.29841676	1.610915344	5.013362104

ENSMUSG0000082097	7.781970364	3.478086219	5.649208382	4.02728836	10.02672421
ENSMUSG0000082098	12.73413332	11.1298759	8.473812573	9.665492065	7.161945863
ENSMUSG0000082099	10.61177777	6.956172438	7.767661525	4.02728836	6.445751277
ENSMUSG0000082100	9.196874066	5.56493795	6.35535943	5.638203705	4.297167518
ENSMUSG0000082102	6.367066661	2.086851731	4.236906287	4.02728836	3.580972932
ENSMUSG0000082103	10.61177777	11.1298759	6.35535943	9.665492065	11.45911338
ENSMUSG0000082104	10.61177777	7.651789682	8.473812573	7.249119049	7.87814045
ENSMUSG0000082106	5.65961481	6.260555194	1.412302096	3.221830688	6.445751277
ENSMUSG0000082107	13.44158517	13.91234488	9.179963621	12.08186508	16.47247549
ENSMUSG0000082108	4.244711108	6.956172438	10.59226572	4.02728836	10.02672421
ENSMUSG0000082109	0	0	0.706151048	0	0
ENSMUSG0000082110	7.781970364	12.52111039	7.061510478	5.638203705	12.17530797
ENSMUSG0000082111	5.65961481	8.347406925	5.649208382	4.02728836	6.445751277
ENSMUSG0000082112	4.244711108	9.738641413	11.29841676	5.638203705	5.013362104
ENSMUSG0000082113	9.904325918	6.956172438	6.35535943	4.02728836	4.297167518
ENSMUSG0000082114	13.44158517	9.738641413	2.824604191	8.860034393	6.445751277
ENSMUSG0000082115	5.65961481	5.56493795	8.473812573	6.443661377	4.297167518
ENSMUSG0000082116	120.9742666	166.2525213	134.1686991	393.8688017	257.8300511
ENSMUSG0000082117	7.074518513	3.478086219	3.530755239	3.221830688	4.297167518
ENSMUSG0000082118	6.367066661	6.956172438	4.236906287	4.02728836	5.013362104
ENSMUSG0000082119	8.489422215	9.043024169	7.061510478	4.832746033	8.594335036
ENSMUSG0000082120	53.05888884	74.43104508	78.3827663	35.44013757	57.29556691
ENSMUSG0000082121	3.537259256	6.260555194	6.35535943	2.416373016	1.432389173
ENSMUSG0000082122	8.489422215	4.869320706	7.061510478	5.638203705	4.297167518
ENSMUSG0000082123	6.367066661	8.347406925	7.061510478	8.054576721	7.161945863
ENSMUSG0000082125	4.244711108	3.478086219	4.943057334	2.416373016	3.580972932
ENSMUSG0000082126	4.952162959	3.478086219	2.118453143	3.221830688	0.716194586
ENSMUSG0000082127	12.02668147	6.956172438	12.00456781	5.638203705	6.445751277
ENSMUSG0000082128	9.196874066	6.956172438	4.943057334	7.249119049	11.45911338
ENSMUSG0000082129	4.244711108	4.173703463	4.236906287	6.443661377	3.580972932
ENSMUSG0000082130	14.14903703	18.78166558	19.06607829	17.72006879	10.7429188
ENSMUSG0000082132	8.489422215	5.56493795	8.473812573	4.832746033	7.87814045
ENSMUSG0000082134	4.244711108	3.478086219	3.530755239	2.416373016	6.445751277
ENSMUSG0000082135	12.73413332	5.56493795	3.530755239	2.416373016	5.729556691
ENSMUSG0000082136	7.074518513	5.56493795	2.824604191	4.832746033	6.445751277
ENSMUSG0000082138	7.781970364	10.43425866	7.061510478	3.221830688	5.729556691
ENSMUSG0000082139	3.537259256	6.956172438	3.530755239	5.638203705	7.161945863
ENSMUSG0000082140	8.489422215	3.478086219	12.00456781	6.443661377	12.17530797
ENSMUSG0000082141	9.196874066	6.260555194	10.59226572	5.638203705	5.729556691
ENSMUSG0000082142	14.14903703	8.347406925	4.943057334	3.221830688	6.445751277
ENSMUSG0000082143	9.196874066	9.043024169	10.59226572	5.638203705	5.013362104
ENSMUSG0000082144	6.367066661	6.260555194	11.29841676	6.443661377	4.297167518
ENSMUSG0000082145	9.904325918	11.1298759	7.767661525	7.249119049	8.594335036

ENSMUSG0000082146	1.414903703	7.651789682	4.236906287	4.02728836	9.310529622
ENSMUSG0000082147	4.244711108	2.782468975	1.412302096	1.610915344	5.729556691
ENSMUSG0000082148	39.61730367	70.95295887	48.7244223	26.58010318	31.5125618
ENSMUSG0000082149	2.829807405	4.869320706	4.943057334	0.805457672	4.297167518
ENSMUSG0000082151	14.85648888	6.956172438	4.236906287	8.054576721	5.729556691
ENSMUSG0000082152	9.196874066	9.043024169	6.35535943	6.443661377	6.445751277
ENSMUSG0000082154	19.10119998	36.86771392	38.13215658	47.52200265	43.68786977
ENSMUSG0000082155	8.489422215	4.173703463	3.530755239	2.416373016	1.432389173
ENSMUSG0000082156	5.65961481	4.869320706	9.179963621	2.416373016	5.729556691
ENSMUSG0000082157	0	0.695617244	0.706151048	0	0
ENSMUSG0000082158	8.489422215	7.651789682	7.767661525	4.02728836	6.445751277
ENSMUSG0000082159	13.44158517	4.869320706	6.35535943	5.638203705	9.310529622
ENSMUSG0000082160	7.074518513	3.478086219	9.179963621	8.054576721	4.297167518
ENSMUSG0000082161	7.781970364	7.651789682	5.649208382	2.416373016	5.013362104
ENSMUSG0000082162	4.952162959	4.173703463	2.824604191	1.610915344	4.297167518
ENSMUSG0000082163	12.73413332	11.1298759	5.649208382	5.638203705	6.445751277
ENSMUSG0000082164	11.31922962	2.782468975	11.29841676	10.47094974	7.87814045
ENSMUSG0000082165	4.952162959	4.173703463	3.530755239	2.416373016	2.864778345
ENSMUSG0000082167	7.074518513	7.651789682	7.061510478	2.416373016	2.864778345
ENSMUSG0000082168	2.829807405	4.173703463	2.118453143	3.221830688	0.716194586
ENSMUSG0000082169	13.44158517	7.651789682	8.473812573	11.27640741	2.864778345
ENSMUSG0000082170	2.829807405	2.782468975	2.824604191	0.805457672	5.013362104
ENSMUSG0000082171	9.196874066	7.651789682	12.00456781	2.416373016	7.161945863
ENSMUSG0000082172	2.829807405	2.086851731	2.118453143	1.610915344	1.432389173
ENSMUSG0000082173	11.31922962	2.086851731	7.767661525	7.249119049	6.445751277
ENSMUSG0000082174	1.414903703	0	0	0	0
ENSMUSG0000082175	4.244711108	4.869320706	5.649208382	5.638203705	3.580972932
ENSMUSG0000082176	42.44711108	30.60715873	34.60140134	21.74735715	35.09353473
ENSMUSG0000082177	4.244711108	6.956172438	6.35535943	7.249119049	8.594335036
ENSMUSG0000082178	6.367066661	10.43425866	9.179963621	5.638203705	8.594335036
ENSMUSG0000082179	3.537259256	3.478086219	2.824604191	3.221830688	1.432389173
ENSMUSG0000082180	220.7249776	288.6811562	249.2713199	209.4189947	185.4943979
ENSMUSG0000082181	4.244711108	4.869320706	5.649208382	1.610915344	4.297167518
ENSMUSG0000082183	7.781970364	11.82549314	13.41686991	4.02728836	6.445751277
ENSMUSG0000082185	16.27139258	13.21672763	12.00456781	17.72006879	12.89150255
ENSMUSG0000082186	106.1177777	163.4700523	125.6948865	74.9075635	90.95671247
ENSMUSG0000082187	6.367066661	9.043024169	7.767661525	10.47094974	6.445751277
ENSMUSG0000082188	3.537259256	5.56493795	4.943057334	4.02728836	0.716194586
ENSMUSG0000082189	7.074518513	4.869320706	4.236906287	1.610915344	4.297167518
ENSMUSG0000082190	11.31922962	13.91234488	9.886114669	18.52552646	13.60769714
ENSMUSG0000082191	6.367066661	1.391234488	7.061510478	6.443661377	5.013362104
ENSMUSG0000082192	4.952162959	5.56493795	9.886114669	7.249119049	5.013362104
ENSMUSG0000082193	16.27139258	11.82549314	10.59226572	18.52552646	12.89150255

ENSMUSG0000082194	10.61177777	13.91234488	9.179963621	5.638203705	5.013362104
ENSMUSG0000082195	22.63845924	20.17290007	16.2414741	12.08186508	15.04008631
ENSMUSG0000082196	4.244711108	8.347406925	13.41686991	11.27640741	3.580972932
ENSMUSG0000082197	6.367066661	3.478086219	0.706151048	2.416373016	4.297167518
ENSMUSG0000082198	2.829807405	2.782468975	0	3.221830688	4.297167518
ENSMUSG0000082199	12.02668147	11.1298759	7.767661525	5.638203705	5.013362104
ENSMUSG0000082200	3.537259256	3.478086219	7.061510478	4.02728836	2.148583759
ENSMUSG0000082202	2.122355554	5.56493795	2.118453143	2.416373016	3.580972932
ENSMUSG0000082203	12.73413332	6.956172438	7.767661525	5.638203705	10.7429188
ENSMUSG0000082204	8.489422215	4.173703463	3.530755239	5.638203705	3.580972932
ENSMUSG0000082205	4.244711108	4.869320706	7.061510478	3.221830688	0.716194586
ENSMUSG0000082207	8.489422215	6.956172438	7.061510478	6.443661377	5.013362104
ENSMUSG0000082208	1.414903703	0.695617244	0	1.610915344	2.148583759
ENSMUSG0000082209	0	0	0	0	0
ENSMUSG0000082210	77.11225179	139.819066	112.9841676	95.84946298	80.92998826
ENSMUSG0000082212	7.781970364	5.56493795	6.35535943	2.416373016	5.013362104
ENSMUSG0000082213	20.51610369	30.60715873	27.53989086	16.10915344	17.90486466
ENSMUSG0000082214	1.414903703	0	2.118453143	3.221830688	1.432389173
ENSMUSG0000082215	8.489422215	9.043024169	7.061510478	7.249119049	10.02672421
ENSMUSG0000082216	4.244711108	7.651789682	14.12302096	7.249119049	7.87814045
ENSMUSG0000082217	39.61730367	41.04141738	28.24604191	42.68925662	30.08017263
ENSMUSG0000082218	10.61177777	10.43425866	7.767661525	8.054576721	4.297167518
ENSMUSG0000082220	10.61177777	6.260555194	4.943057334	4.02728836	7.161945863
ENSMUSG0000082222	6.367066661	2.086851731	3.530755239	3.221830688	5.013362104
ENSMUSG0000082223	5.65961481	6.260555194	2.118453143	3.221830688	5.013362104
ENSMUSG0000082225	9.196874066	9.738641413	6.35535943	4.832746033	5.013362104
ENSMUSG0000082226	2.122355554	2.782468975	1.412302096	2.416373016	1.432389173
ENSMUSG0000082227	0	0	0	0	0
ENSMUSG0000082228	3.537259256	4.173703463	2.118453143	3.221830688	1.432389173
ENSMUSG0000082233	9.904325918	8.347406925	9.886114669	4.832746033	4.297167518
ENSMUSG0000082234	17.68629628	11.82549314	11.29841676	11.27640741	11.45911338
ENSMUSG0000082235	10.61177777	7.651789682	8.473812573	1.610915344	7.161945863
ENSMUSG0000082236	7.074518513	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG0000082237	7.074518513	9.043024169	9.886114669	1.610915344	5.729556691
ENSMUSG0000082238	8.489422215	6.956172438	6.35535943	4.832746033	2.864778345
ENSMUSG0000082239	4.952162959	7.651789682	3.530755239	8.054576721	7.87814045
ENSMUSG0000082240	2.829807405	2.086851731	4.943057334	3.221830688	3.580972932
ENSMUSG0000082241	9.904325918	14.60796212	5.649208382	12.88732275	5.013362104
ENSMUSG0000082242	12.73413332	4.869320706	4.236906287	8.860034393	9.310529622
ENSMUSG0000082243	8.489422215	7.651789682	12.00456781	7.249119049	5.729556691
ENSMUSG0000082244	7.074518513	4.173703463	4.943057334	8.860034393	2.148583759
ENSMUSG0000082245	4.244711108	2.782468975	4.236906287	1.610915344	2.864778345
ENSMUSG0000082246	6.367066661	4.173703463	4.943057334	6.443661377	7.87814045



ENSMUSG0000082247	13.44158517	18.78166558	14.12302096	25.77464551	21.48583759
ENSMUSG0000082248	4.244711108	6.260555194	9.179963621	2.416373016	2.864778345
ENSMUSG0000082249	5.65961481	6.956172438	10.59226572	9.665492065	5.729556691
ENSMUSG0000082250	9.904325918	9.043024169	9.179963621	1.610915344	7.161945863
ENSMUSG0000082251	13.44158517	4.869320706	9.886114669	4.832746033	1.432389173
ENSMUSG0000082252	7.074518513	6.956172438	7.767661525	8.860034393	10.02672421
ENSMUSG0000082253	3.537259256	6.260555194	5.649208382	4.02728836	4.297167518
ENSMUSG0000082254	4.952162959	5.56493795	3.530755239	5.638203705	4.297167518
ENSMUSG0000082255	7.781970364	6.260555194	7.767661525	4.832746033	7.161945863
ENSMUSG0000082256	5.65961481	9.043024169	7.767661525	5.638203705	11.45911338
ENSMUSG0000082257	6.367066661	6.956172438	7.061510478	7.249119049	10.02672421
ENSMUSG0000082258	7.781970364	6.260555194	5.649208382	9.665492065	5.013362104
ENSMUSG0000082259	4.244711108	6.956172438	8.473812573	4.02728836	2.148583759
ENSMUSG0000082260	2.122355554	2.086851731	3.530755239	6.443661377	3.580972932
ENSMUSG0000082261	4.952162959	2.086851731	2.824604191	2.416373016	3.580972932
ENSMUSG0000082262	7.074518513	14.60796212	10.59226572	8.054576721	10.7429188
ENSMUSG0000082263	12.73413332	31.30277597	18.35992724	15.30369577	14.32389173
ENSMUSG0000082264	7.074518513	4.869320706	8.473812573	3.221830688	10.7429188
ENSMUSG0000082265	9.904325918	15.30357936	18.35992724	16.91461111	19.33725383
ENSMUSG0000082266	12.73413332	18.08604834	14.829172	11.27640741	10.02672421
ENSMUSG0000082267	2.829807405	1.391234488	0.706151048	1.610915344	1.432389173
ENSMUSG0000082268	16.27139258	8.347406925	7.061510478	3.221830688	10.02672421
ENSMUSG0000082269	5.65961481	2.782468975	1.412302096	1.610915344	2.864778345
ENSMUSG0000082270	6.367066661	4.869320706	4.943057334	1.610915344	1.432389173
ENSMUSG0000082271	6.367066661	4.869320706	7.061510478	6.443661377	5.729556691
ENSMUSG0000082272	12.73413332	5.56493795	12.00456781	4.02728836	2.864778345
ENSMUSG0000082273	12.02668147	6.956172438	6.35535943	7.249119049	4.297167518
ENSMUSG0000082274	10.61177777	2.782468975	6.35535943	9.665492065	6.445751277
ENSMUSG0000082275	4.952162959	1.391234488	5.649208382	3.221830688	5.013362104
ENSMUSG0000082276	9.904325918	15.30357936	14.829172	8.860034393	12.89150255
ENSMUSG0000082277	7.074518513	9.043024169	9.886114669	6.443661377	6.445751277
ENSMUSG0000082278	12.02668147	2.782468975	7.767661525	2.416373016	2.148583759
ENSMUSG0000082279	27.5906222	56.34499675	58.61053696	17.72006879	30.79636721
ENSMUSG0000082280	0	0.695617244	0	0	0
ENSMUSG0000082281	9.196874066	5.56493795	3.530755239	4.832746033	10.02672421
ENSMUSG0000082283	13.44158517	3.478086219	7.767661525	3.221830688	5.013362104
ENSMUSG0000082284	7.781970364	9.738641413	2.118453143	7.249119049	2.864778345
ENSMUSG0000082285	9.904325918	6.956172438	7.767661525	8.860034393	3.580972932
ENSMUSG0000082286	82.7718666	82.08283477	85.44427678	100.682209	90.95671247
ENSMUSG0000082287	19.10119998	33.3896277	14.12302096	16.10915344	11.45911338
ENSMUSG0000082288	9.196874066	3.478086219	0.706151048	2.416373016	5.013362104
ENSMUSG0000082289	12.73413332	5.56493795	13.41686991	7.249119049	5.013362104
ENSMUSG0000082291	3.537259256	4.173703463	2.118453143	1.610915344	0.716194586

ENSMUSG00000082292	24.76081479	58.43184848	55.78593277	155.4533307	106.7129934
ENSMUSG00000082294	13.44158517	8.347406925	7.061510478	5.638203705	6.445751277
ENSMUSG00000082295	4.952162959	6.956172438	7.061510478	6.443661377	6.445751277
ENSMUSG00000082296	9.196874066	8.347406925	9.886114669	4.02728836	5.013362104
ENSMUSG00000082297	3.537259256	4.173703463	5.649208382	2.416373016	5.013362104
ENSMUSG00000082301	9.904325918	7.651789682	8.473812573	5.638203705	7.161945863
ENSMUSG00000082302	11.31922962	7.651789682	5.649208382	8.054576721	4.297167518
ENSMUSG00000082303	10.61177777	6.956172438	9.179963621	5.638203705	8.594335036
ENSMUSG00000082304	24.05336294	29.91154148	24.00913562	15.30369577	25.78300511
ENSMUSG00000082305	18.39374813	17.39043109	13.41686991	9.665492065	15.04008631
ENSMUSG00000082306	9.196874066	6.260555194	8.473812573	2.416373016	7.87814045
ENSMUSG00000082307	9.904325918	6.260555194	7.767661525	5.638203705	6.445751277
ENSMUSG00000082308	11.31922962	6.956172438	12.00456781	8.054576721	7.161945863
ENSMUSG00000082309	9.196874066	9.043024169	13.41686991	6.443661377	10.02672421
ENSMUSG00000082310	10.61177777	8.347406925	5.649208382	3.221830688	5.013362104
ENSMUSG00000082311	4.952162959	5.56493795	2.118453143	1.610915344	2.148583759
ENSMUSG00000082312	10.61177777	11.1298759	6.35535943	5.638203705	2.864778345
ENSMUSG00000082313	6.367066661	12.52111039	7.061510478	12.88732275	13.60769714
ENSMUSG00000082314	12.73413332	6.260555194	9.886114669	6.443661377	2.864778345
ENSMUSG00000082315	31.83533331	42.43265187	43.07521391	32.21830688	30.08017263
ENSMUSG00000082316	11.31922962	6.956172438	9.886114669	4.02728836	7.87814045
ENSMUSG00000082317	6.367066661	4.869320706	8.473812573	1.610915344	2.148583759
ENSMUSG00000082318	13.44158517	9.043024169	10.59226572	7.249119049	9.310529622
ENSMUSG00000082319	12.02668147	11.1298759	12.00456781	10.47094974	8.594335036
ENSMUSG00000082320	9.904325918	9.738641413	4.236906287	4.832746033	6.445751277
ENSMUSG00000082321	9.904325918	13.21672763	8.473812573	4.02728836	12.17530797
ENSMUSG00000082322	6.367066661	5.56493795	3.530755239	3.221830688	5.729556691
ENSMUSG00000082323	9.904325918	6.956172438	7.767661525	4.832746033	10.02672421
ENSMUSG00000082324	4.952162959	2.782468975	1.412302096	7.249119049	2.148583759
ENSMUSG00000082325	7.074518513	5.56493795	8.473812573	6.443661377	3.580972932
ENSMUSG00000082326	7.781970364	2.782468975	0.706151048	7.249119049	2.864778345
ENSMUSG00000082327	7.074518513	9.043024169	7.061510478	9.665492065	5.729556691
ENSMUSG00000082328	24.76081479	25.04222078	20.47838039	9.665492065	8.594335036
ENSMUSG00000082329	11.31922962	7.651789682	16.2414741	12.08186508	10.7429188
ENSMUSG00000082330	11.31922962	16.69481385	19.77222934	9.665492065	11.45911338
ENSMUSG00000082331	8.489422215	6.260555194	5.649208382	8.054576721	8.594335036
ENSMUSG00000082332	7.074518513	4.173703463	9.179963621	8.860034393	7.87814045
ENSMUSG00000082333	6.367066661	2.782468975	3.530755239	3.221830688	3.580972932
ENSMUSG00000082334	16.97884443	18.08604834	12.00456781	10.47094974	12.17530797
ENSMUSG00000082336	14.85648888	6.956172438	5.649208382	6.443661377	10.02672421
ENSMUSG00000082337	3.537259256	4.869320706	2.824604191	3.221830688	5.013362104
ENSMUSG00000082338	11.31922962	4.869320706	2.824604191	6.443661377	7.87814045
ENSMUSG00000082339	9.904325918	8.347406925	6.35535943	5.638203705	9.310529622

ENSMUSG0000082340	15.56394073	6.260555194	7.061510478	3.221830688	5.013362104
ENSMUSG0000082341	7.781970364	9.738641413	9.886114669	4.02728836	7.161945863
ENSMUSG0000082342	4.952162959	5.56493795	1.412302096	3.221830688	4.297167518
ENSMUSG0000082343	7.074518513	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG0000082344	7.781970364	8.347406925	8.473812573	5.638203705	7.161945863
ENSMUSG0000082345	12.73413332	15.99919661	16.2414741	20.1364418	17.18867007
ENSMUSG0000082346	3.537259256	2.782468975	2.118453143	0.805457672	1.432389173
ENSMUSG0000082347	5.65961481	8.347406925	6.35535943	2.416373016	4.297167518
ENSMUSG0000082348	9.196874066	8.347406925	10.59226572	4.832746033	6.445751277
ENSMUSG0000082349	10.61177777	3.478086219	4.236906287	4.02728836	10.02672421
ENSMUSG0000082350	4.952162959	5.56493795	7.061510478	6.443661377	10.7429188
ENSMUSG0000082351	12.02668147	6.956172438	7.767661525	1.610915344	1.432389173
ENSMUSG0000082352	13.44158517	8.347406925	11.29841676	5.638203705	15.7562809
ENSMUSG0000082353	8.489422215	6.956172438	12.00456781	4.832746033	4.297167518
ENSMUSG0000082354	8.489422215	4.173703463	8.473812573	1.610915344	3.580972932
ENSMUSG0000082356	5.65961481	5.56493795	9.886114669	4.02728836	6.445751277
ENSMUSG0000082357	7.074518513	11.1298759	4.943057334	4.832746033	10.7429188
ENSMUSG0000082358	3.537259256	3.478086219	3.530755239	2.416373016	1.432389173
ENSMUSG0000082359	7.781970364	6.260555194	5.649208382	2.416373016	7.87814045
ENSMUSG0000082360	0	1.391234488	0	0	0
ENSMUSG0000082362	8.489422215	6.260555194	9.179963621	6.443661377	5.729556691
ENSMUSG0000082363	15.56394073	7.651789682	7.061510478	8.860034393	5.729556691
ENSMUSG0000082364	6.367066661	6.260555194	9.886114669	8.860034393	13.60769714
ENSMUSG0000082365	7.074518513	7.651789682	7.767661525	4.832746033	5.729556691
ENSMUSG0000082367	270.954059	289.3767734	281.7542681	264.1901164	199.8182896
ENSMUSG0000082368	8.489422215	12.52111039	5.649208382	4.02728836	4.297167518
ENSMUSG0000082369	8.489422215	9.738641413	10.59226572	8.054576721	12.17530797
ENSMUSG0000082370	13.44158517	13.21672763	8.473812573	7.249119049	7.161945863
ENSMUSG0000082371	12.73413332	9.738641413	7.767661525	4.02728836	1.432389173
ENSMUSG0000082372	7.781970364	2.782468975	4.236906287	3.221830688	2.864778345
ENSMUSG0000082373	4.952162959	6.260555194	3.530755239	8.054576721	5.729556691
ENSMUSG0000082374	7.781970364	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG0000082375	14.85648888	5.56493795	9.179963621	6.443661377	5.013362104
ENSMUSG0000082376	5.65961481	3.478086219	6.35535943	4.02728836	7.87814045
ENSMUSG0000082377	4.952162959	6.956172438	11.29841676	12.08186508	3.580972932
ENSMUSG0000082378	8.489422215	9.738641413	7.061510478	4.02728836	9.310529622
ENSMUSG0000082379	7.074518513	4.869320706	2.824604191	4.02728836	5.013362104
ENSMUSG0000082380	6.367066661	8.347406925	10.59226572	5.638203705	7.161945863
ENSMUSG0000082381	0	1.391234488	0	0	0.716194586
ENSMUSG0000082382	4.244711108	4.869320706	6.35535943	5.638203705	8.594335036
ENSMUSG0000082383	7.074518513	11.82549314	14.12302096	15.30369577	14.32389173
ENSMUSG0000082384	9.196874066	9.738641413	8.473812573	3.221830688	10.02672421
ENSMUSG0000082387	9.196874066	9.043024169	9.886114669	8.860034393	8.594335036

ENSMUSG00000082388	9.904325918	7.651789682	5.649208382	8.054576721	5.729556691
ENSMUSG00000082389	7.074518513	9.043024169	7.061510478	8.860034393	6.445751277
ENSMUSG00000082390	11.31922962	5.56493795	9.886114669	5.638203705	9.310529622
ENSMUSG00000082392	4.244711108	2.086851731	4.943057334	1.610915344	3.580972932
ENSMUSG00000082393	4.952162959	5.56493795	2.824604191	0.805457672	5.729556691
ENSMUSG00000082394	15.56394073	11.82549314	16.2414741	12.88732275	13.60769714
ENSMUSG00000082395	27.5906222	75.12666233	41.66291182	40.2728836	46.55264811
ENSMUSG00000082396	7.074518513	6.260555194	7.767661525	4.02728836	6.445751277
ENSMUSG00000082397	3.537259256	4.173703463	7.061510478	3.221830688	5.013362104
ENSMUSG00000082398	10.61177777	5.56493795	7.061510478	11.27640741	9.310529622
ENSMUSG00000082399	7.781970364	9.738641413	8.473812573	9.665492065	8.594335036
ENSMUSG00000082400	8.489422215	10.43425866	7.061510478	6.443661377	5.013362104
ENSMUSG00000082402	89.13893326	150.9489419	120.0456781	332.6540186	277.1673049
ENSMUSG00000082403	0	0	0	0	0
ENSMUSG00000082404	4.244711108	3.478086219	4.236906287	3.221830688	3.580972932
ENSMUSG00000082405	11.31922962	4.869320706	9.886114669	4.832746033	6.445751277
ENSMUSG00000082406	3.537259256	2.086851731	1.412302096	2.416373016	3.580972932
ENSMUSG00000082407	7.074518513	9.738641413	9.886114669	2.416373016	8.594335036
ENSMUSG00000082408	9.196874066	10.43425866	4.236906287	6.443661377	6.445751277
ENSMUSG00000082410	4.952162959	4.869320706	8.473812573	5.638203705	7.87814045
ENSMUSG00000082411	10.61177777	10.43425866	6.35535943	8.054576721	7.161945863
ENSMUSG00000082412	9.196874066	9.043024169	5.649208382	3.221830688	7.161945863
ENSMUSG00000082413	9.196874066	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000082414	5.65961481	1.391234488	4.943057334	7.249119049	2.864778345
ENSMUSG00000082415	8.489422215	6.956172438	3.530755239	8.054576721	6.445751277
ENSMUSG00000082416	7.074518513	5.56493795	7.061510478	5.638203705	8.594335036
ENSMUSG00000082417	2.829807405	3.478086219	2.824604191	1.610915344	0.716194586
ENSMUSG00000082418	10.61177777	11.1298759	10.59226572	5.638203705	11.45911338
ENSMUSG00000082419	9.196874066	9.043024169	9.886114669	12.08186508	15.7562809
ENSMUSG00000082420	12.73413332	7.651789682	8.473812573	11.27640741	8.594335036
ENSMUSG00000082421	6.367066661	5.56493795	7.767661525	4.832746033	4.297167518
ENSMUSG00000082422	3.537259256	3.478086219	4.943057334	2.416373016	3.580972932
ENSMUSG00000082423	3.537259256	4.869320706	4.943057334	7.249119049	4.297167518
ENSMUSG00000082424	7.074518513	6.260555194	9.886114669	4.02728836	5.013362104
ENSMUSG00000082426	4.244711108	1.391234488	4.943057334	3.221830688	2.864778345
ENSMUSG00000082427	3.537259256	2.086851731	2.824604191	0.805457672	5.013362104
ENSMUSG00000082428	6.367066661	6.956172438	7.767661525	7.249119049	10.7429188
ENSMUSG00000082429	348.0663108	332.5050425	322.7110288	409.1724974	292.9235858
ENSMUSG00000082430	12.02668147	2.782468975	7.061510478	7.249119049	7.87814045
ENSMUSG00000082431	7.074518513	10.43425866	8.473812573	5.638203705	5.013362104
ENSMUSG00000082432	9.196874066	6.956172438	8.473812573	9.665492065	9.310529622
ENSMUSG00000082433	11.31922962	15.30357936	9.886114669	9.665492065	13.60769714
ENSMUSG00000082435	7.074518513	6.260555194	4.943057334	6.443661377	6.445751277

ENSMUSG0000082436	9.904325918	12.52111039	6.35535943	20.94189947	8.594335036
ENSMUSG0000082437	8.489422215	6.956172438	9.179963621	4.02728836	6.445751277
ENSMUSG0000082440	1.414903703	2.782468975	2.118453143	1.610915344	1.432389173
ENSMUSG0000082442	10.61177777	4.173703463	2.118453143	3.221830688	12.89150255
ENSMUSG0000082443	10.61177777	9.043024169	9.886114669	8.860034393	8.594335036
ENSMUSG0000082444	4.244711108	4.869320706	5.649208382	4.02728836	5.013362104
ENSMUSG0000082446	8.489422215	9.043024169	9.179963621	4.02728836	5.729556691
ENSMUSG0000082447	7.074518513	6.260555194	5.649208382	1.610915344	3.580972932
ENSMUSG0000082448	9.904325918	4.173703463	6.35535943	4.832746033	7.87814045
ENSMUSG0000082449	7.781970364	2.086851731	5.649208382	3.221830688	5.729556691
ENSMUSG0000082450	5.65961481	6.260555194	2.824604191	0.805457672	3.580972932
ENSMUSG0000082451	8.489422215	11.1298759	7.061510478	10.47094974	8.594335036
ENSMUSG0000082453	12.73413332	7.651789682	8.473812573	8.054576721	7.87814045
ENSMUSG0000082454	10.61177777	13.91234488	19.06607829	28.9964762	18.62105924
ENSMUSG0000082455	6.367066661	16.69481385	10.59226572	13.69278043	16.47247549
ENSMUSG0000082456	12.73413332	9.043024169	7.767661525	6.443661377	3.580972932
ENSMUSG0000082457	13.44158517	27.82468975	28.24604191	17.72006879	17.18867007
ENSMUSG0000082458	7.074518513	2.086851731	3.530755239	3.221830688	2.148583759
ENSMUSG0000082459	9.904325918	5.56493795	4.236906287	6.443661377	4.297167518
ENSMUSG0000082460	9.196874066	6.260555194	9.886114669	4.832746033	7.161945863
ENSMUSG0000082461	2.829807405	5.56493795	1.412302096	0.805457672	5.729556691
ENSMUSG0000082462	2.122355554	5.56493795	4.943057334	4.02728836	1.432389173
ENSMUSG0000082463	135.8307554	187.8166558	136.2871522	68.46390213	66.60609653
ENSMUSG0000082464	3.537259256	3.478086219	4.236906287	4.832746033	4.297167518
ENSMUSG0000082465	21.93100739	40.34580014	28.24604191	20.1364418	10.7429188
ENSMUSG0000082466	14.14903703	9.043024169	9.179963621	7.249119049	3.580972932
ENSMUSG0000082467	7.781970364	1.391234488	2.118453143	1.610915344	4.297167518
ENSMUSG0000082468	6.367066661	6.956172438	7.061510478	5.638203705	3.580972932
ENSMUSG0000082469	4.244711108	9.043024169	8.473812573	2.416373016	5.013362104
ENSMUSG0000082472	12.02668147	5.56493795	8.473812573	3.221830688	5.729556691
ENSMUSG0000082473	9.196874066	13.21672763	4.943057334	7.249119049	7.87814045
ENSMUSG0000082474	7.074518513	6.956172438	5.649208382	6.443661377	5.013362104
ENSMUSG0000082475	7.781970364	6.260555194	5.649208382	5.638203705	7.161945863
ENSMUSG0000082476	9.196874066	6.956172438	5.649208382	12.08186508	5.013362104
ENSMUSG0000082478	0	0	0.706151048	0	0
ENSMUSG0000082479	2.829807405	11.1298759	2.824604191	0	3.580972932
ENSMUSG0000082480	10.61177777	10.43425866	4.943057334	7.249119049	11.45911338
ENSMUSG0000082481	12.02668147	31.30277597	28.24604191	10.47094974	24.35061594
ENSMUSG0000082482	2.829807405	4.869320706	4.943057334	0.805457672	1.432389173
ENSMUSG0000082483	9.196874066	11.1298759	4.236906287	7.249119049	7.161945863
ENSMUSG0000082484	23.34591109	34.78086219	30.36449505	11.27640741	28.64778345
ENSMUSG0000082485	6.367066661	5.56493795	2.118453143	3.221830688	8.594335036
ENSMUSG0000082486	4.244711108	8.347406925	14.829172	4.832746033	10.7429188

ENSMUSG0000082487	17.68629628	25.73783802	26.83373982	20.94189947	20.769643
ENSMUSG0000082488	6.367066661	5.56493795	8.473812573	11.27640741	7.87814045
ENSMUSG0000082489	7.781970364	2.782468975	4.236906287	4.02728836	2.864778345
ENSMUSG0000082490	10.61177777	6.260555194	4.236906287	4.832746033	7.161945863
ENSMUSG0000082491	9.904325918	8.347406925	9.886114669	6.443661377	6.445751277
ENSMUSG0000082492	4.952162959	6.956172438	4.943057334	9.665492065	7.161945863
ENSMUSG0000082494	6.367066661	6.956172438	2.118453143	6.443661377	6.445751277
ENSMUSG0000082495	9.196874066	4.869320706	7.767661525	5.638203705	8.594335036
ENSMUSG0000082496	4.244711108	5.56493795	5.649208382	1.610915344	5.013362104
ENSMUSG0000082497	2.829807405	4.173703463	4.236906287	6.443661377	4.297167518
ENSMUSG0000082498	9.904325918	14.60796212	15.53532305	16.91461111	12.17530797
ENSMUSG0000082499	6.367066661	8.347406925	7.767661525	0.805457672	5.729556691
ENSMUSG0000082500	4.952162959	4.869320706	1.412302096	5.638203705	3.580972932
ENSMUSG0000082501	2.829807405	2.086851731	2.118453143	0	4.297167518
ENSMUSG0000082502	5.65961481	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG0000082503	84.1867703	150.2533247	117.927225	124.0404815	119.6044959
ENSMUSG0000082504	7.074518513	2.782468975	3.530755239	4.02728836	2.148583759
ENSMUSG0000082505	5.65961481	2.782468975	1.412302096	1.610915344	5.729556691
ENSMUSG0000082507	16.97884443	25.73783802	23.30298458	29.80193387	43.68786977
ENSMUSG0000082508	7.074518513	8.347406925	5.649208382	5.638203705	12.17530797
ENSMUSG0000082509	50.22908144	97.38641413	81.91352154	46.71654498	66.60609653
ENSMUSG0000082510	8.489422215	8.347406925	11.29841676	12.08186508	8.594335036
ENSMUSG0000082511	4.244711108	2.086851731	2.118453143	3.221830688	5.013362104
ENSMUSG0000082512	7.074518513	4.869320706	7.061510478	8.054576721	5.729556691
ENSMUSG0000082513	8.489422215	3.478086219	5.649208382	2.416373016	2.148583759
ENSMUSG0000082514	13.44158517	5.56493795	5.649208382	4.02728836	7.161945863
ENSMUSG0000082515	18.39374813	43.12826911	16.2414741	27.38556085	27.93158887
ENSMUSG0000082516	9.904325918	9.738641413	4.943057334	4.832746033	12.17530797
ENSMUSG0000082517	5.65961481	5.56493795	2.824604191	4.02728836	4.297167518
ENSMUSG0000082519	12.02668147	11.1298759	7.767661525	6.443661377	5.729556691
ENSMUSG0000082520	29.71297775	37.56333116	29.65834401	29.80193387	31.5125618
ENSMUSG0000082523	13.44158517	9.043024169	4.943057334	3.221830688	2.864778345
ENSMUSG0000082524	11.31922962	4.173703463	9.179963621	5.638203705	11.45911338
ENSMUSG0000082526	11.31922962	7.651789682	9.179963621	8.860034393	3.580972932
ENSMUSG0000082527	14.85648888	11.1298759	10.59226572	8.860034393	10.7429188
ENSMUSG0000082528	10.61177777	5.56493795	7.061510478	11.27640741	5.013362104
ENSMUSG0000082529	9.196874066	7.651789682	7.767661525	6.443661377	7.87814045
ENSMUSG0000082530	12.02668147	14.60796212	9.179963621	10.47094974	10.02672421
ENSMUSG0000082531	4.244711108	4.173703463	4.943057334	4.832746033	1.432389173
ENSMUSG0000082532	5.65961481	8.347406925	10.59226572	8.860034393	3.580972932
ENSMUSG0000082533	4.244711108	8.347406925	9.179963621	5.638203705	7.161945863
ENSMUSG0000082534	9.196874066	9.738641413	5.649208382	6.443661377	3.580972932
ENSMUSG0000082535	12.73413332	16.69481385	16.94762515	16.91461111	11.45911338

ENSMUSG00000082536	11.31922962	13.91234488	12.71071886	27.38556085	18.62105924
ENSMUSG00000082537	3.537259256	3.478086219	1.412302096	3.221830688	5.013362104
ENSMUSG00000082538	8.489422215	5.56493795	4.943057334	2.416373016	2.148583759
ENSMUSG00000082539	2.122355554	4.869320706	5.649208382	4.832746033	5.013362104
ENSMUSG00000082540	11.31922962	13.21672763	9.886114669	4.02728836	6.445751277
ENSMUSG00000082541	2.122355554	3.478086219	0.706151048	4.832746033	1.432389173
ENSMUSG00000082542	2.122355554	1.391234488	0.706151048	2.416373016	1.432389173
ENSMUSG00000082543	14.85648888	8.347406925	18.35992724	9.665492065	12.89150255
ENSMUSG00000082544	2.829807405	2.782468975	4.943057334	1.610915344	3.580972932
ENSMUSG00000082545	8.489422215	9.043024169	7.767661525	8.860034393	9.310529622
ENSMUSG00000082546	4.244711108	7.651789682	2.118453143	1.610915344	5.013362104
ENSMUSG00000082547	8.489422215	8.347406925	6.35535943	2.416373016	5.013362104
ENSMUSG00000082548	7.781970364	6.260555194	9.179963621	3.221830688	5.013362104
ENSMUSG00000082549	6.367066661	4.173703463	6.35535943	2.416373016	2.864778345
ENSMUSG00000082550	7.074518513	7.651789682	5.649208382	10.47094974	8.594335036
ENSMUSG00000082551	4.244711108	2.086851731	2.118453143	7.249119049	2.864778345
ENSMUSG00000082552	4.952162959	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000082553	9.904325918	6.260555194	6.35535943	0.805457672	5.013362104
ENSMUSG00000082554	9.196874066	8.347406925	7.061510478	5.638203705	6.445751277
ENSMUSG00000082555	7.074518513	6.260555194	10.59226572	7.249119049	3.580972932
ENSMUSG00000082556	3.537259256	4.173703463	4.943057334	5.638203705	4.297167518
ENSMUSG00000082557	4.952162959	9.043024169	9.179963621	7.249119049	7.87814045
ENSMUSG00000082558	4.952162959	4.173703463	9.886114669	5.638203705	7.161945863
ENSMUSG00000082559	13.44158517	5.56493795	7.061510478	4.02728836	10.02672421
ENSMUSG00000082560	2.122355554	5.56493795	4.236906287	0.805457672	1.432389173
ENSMUSG00000082561	43.15456293	75.82227957	61.43514116	150.6205847	101.6996313
ENSMUSG00000082562	9.904325918	4.869320706	5.649208382	6.443661377	7.161945863
ENSMUSG00000082563	4.244711108	3.478086219	1.412302096	4.832746033	4.297167518
ENSMUSG00000082564	9.196874066	6.260555194	4.236906287	4.02728836	7.161945863
ENSMUSG00000082565	3.537259256	6.956172438	7.061510478	2.416373016	8.594335036
ENSMUSG00000082566	12.02668147	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG00000082567	9.196874066	2.086851731	7.767661525	5.638203705	4.297167518
ENSMUSG00000082568	4.244711108	2.782468975	4.943057334	0.805457672	1.432389173
ENSMUSG00000082569	9.904325918	5.56493795	8.473812573	5.638203705	6.445751277
ENSMUSG00000082570	9.196874066	13.21672763	9.886114669	6.443661377	6.445751277
ENSMUSG00000082571	7.781970364	6.956172438	4.943057334	3.221830688	7.87814045
ENSMUSG00000082573	7.781970364	6.956172438	9.179963621	3.221830688	6.445751277
ENSMUSG00000082574	12.02668147	6.260555194	7.061510478	5.638203705	9.310529622
ENSMUSG00000082575	9.196874066	6.956172438	7.767661525	16.91461111	16.47247549
ENSMUSG00000082576	15.56394073	17.39043109	18.35992724	9.665492065	14.32389173
ENSMUSG00000082577	10.61177777	10.43425866	7.061510478	4.832746033	4.297167518
ENSMUSG00000082578	12.02668147	7.651789682	7.061510478	5.638203705	10.02672421
ENSMUSG00000082579	4.952162959	9.738641413	4.236906287	11.27640741	9.310529622

ENSMUSG00000082580	7.074518513	9.043024169	9.886114669	8.860034393	8.594335036
ENSMUSG00000082581	12.73413332	9.043024169	6.35535943	5.638203705	5.729556691
ENSMUSG00000082583	9.196874066	11.1298759	5.649208382	6.443661377	5.729556691
ENSMUSG00000082584	3.537259256	9.043024169	4.236906287	2.416373016	6.445751277
ENSMUSG00000082585	7.074518513	11.82549314	11.29841676	13.69278043	10.02672421
ENSMUSG00000082586	6.367066661	6.260555194	2.824604191	0.805457672	3.580972932
ENSMUSG00000082587	10.61177777	13.21672763	12.00456781	1.610915344	5.013362104
ENSMUSG00000082588	9.904325918	10.43425866	8.473812573	2.416373016	11.45911338
ENSMUSG00000082589	9.196874066	8.347406925	2.118453143	4.832746033	10.7429188
ENSMUSG00000082590	5.65961481	2.086851731	2.824604191	1.610915344	2.148583759
ENSMUSG00000082591	5.65961481	4.173703463	1.412302096	4.832746033	2.148583759
ENSMUSG00000082592	33.25023701	37.56333116	40.25060972	36.24559524	42.97167518
ENSMUSG00000082593	8.489422215	6.260555194	4.236906287	4.02728836	2.148583759
ENSMUSG00000082594	5.65961481	2.086851731	4.236906287	3.221830688	5.013362104
ENSMUSG00000082595	9.196874066	3.478086219	4.236906287	4.02728836	5.013362104
ENSMUSG00000082596	20.51610369	25.04222078	21.89068248	11.27640741	8.594335036
ENSMUSG00000082597	7.074518513	11.1298759	12.00456781	8.860034393	15.7562809
ENSMUSG00000082598	2.829807405	2.086851731	3.530755239	4.02728836	2.864778345
ENSMUSG00000082599	28.29807405	26.43345526	23.30298458	18.52552646	24.35061594
ENSMUSG00000082600	4.952162959	4.869320706	7.767661525	2.416373016	6.445751277
ENSMUSG00000082601	16.97884443	16.69481385	10.59226572	10.47094974	10.02672421
ENSMUSG00000082602	4.244711108	4.173703463	4.943057334	2.416373016	3.580972932
ENSMUSG00000082604	13.44158517	9.043024169	8.473812573	4.832746033	5.013362104
ENSMUSG00000082605	9.196874066	7.651789682	6.35535943	4.832746033	5.729556691
ENSMUSG00000082606	3.537259256	2.086851731	3.530755239	1.610915344	4.297167518
ENSMUSG00000082607	10.61177777	8.347406925	10.59226572	4.02728836	7.87814045
ENSMUSG00000082608	7.781970364	6.956172438	7.061510478	4.02728836	5.013362104
ENSMUSG00000082609	6.367066661	13.21672763	11.29841676	13.69278043	5.729556691
ENSMUSG00000082610	9.196874066	15.30357936	15.53532305	10.47094974	20.769643
ENSMUSG00000082611	2.122355554	4.869320706	3.530755239	3.221830688	3.580972932
ENSMUSG00000082612	6.367066661	3.478086219	6.35535943	4.02728836	4.297167518
ENSMUSG00000082613	8.489422215	7.651789682	8.473812573	6.443661377	7.87814045
ENSMUSG00000082614	6.367066661	4.869320706	9.179963621	6.443661377	5.729556691
ENSMUSG00000082615	36.08004441	27.12907251	34.60140134	17.72006879	20.05344842
ENSMUSG00000082616	1.414903703	3.478086219	3.530755239	1.610915344	1.432389173
ENSMUSG00000082617	5.65961481	8.347406925	4.943057334	2.416373016	6.445751277
ENSMUSG00000082618	4.952162959	6.956172438	7.767661525	3.221830688	2.148583759
ENSMUSG00000082619	9.196874066	6.260555194	7.061510478	12.88732275	10.7429188
ENSMUSG00000082620	7.074518513	5.56493795	1.412302096	3.221830688	2.148583759
ENSMUSG00000082621	4.244711108	4.869320706	3.530755239	0.805457672	5.013362104
ENSMUSG00000082622	7.781970364	10.43425866	4.236906287	1.610915344	8.594335036
ENSMUSG00000082623	9.196874066	6.260555194	9.179963621	7.249119049	5.013362104
ENSMUSG00000082624	10.61177777	9.043024169	9.179963621	6.443661377	1.432389173



ENSMUSG00000082625	8.489422215	3.478086219	4.943057334	11.27640741	10.7429188
ENSMUSG00000082626	10.61177777	6.956172438	6.35535943	7.249119049	11.45911338
ENSMUSG00000082628	7.781970364	5.56493795	9.179963621	8.860034393	6.445751277
ENSMUSG00000082629	4.244711108	2.086851731	7.061510478	0.805457672	2.864778345
ENSMUSG00000082630	20.51610369	21.56413456	26.12758877	12.08186508	9.310529622
ENSMUSG00000082632	11.31922962	13.21672763	12.71071886	8.054576721	5.729556691
ENSMUSG00000082633	9.196874066	12.52111039	15.53532305	12.08186508	10.02672421
ENSMUSG00000082634	7.074518513	6.956172438	5.649208382	10.47094974	5.013362104
ENSMUSG00000082635	4.244711108	5.56493795	3.530755239	2.416373016	2.864778345
ENSMUSG00000082636	4.952162959	5.56493795	3.530755239	2.416373016	2.148583759
ENSMUSG00000082637	14.14903703	10.43425866	7.767661525	6.443661377	5.729556691
ENSMUSG00000082638	9.196874066	6.956172438	4.236906287	2.416373016	2.864778345
ENSMUSG00000082640	5.65961481	4.173703463	7.767661525	5.638203705	4.297167518
ENSMUSG00000082641	10.61177777	11.1298759	11.29841676	7.249119049	7.87814045
ENSMUSG00000082644	7.781970364	9.738641413	7.061510478	5.638203705	6.445751277
ENSMUSG00000082645	29.71297775	38.25894841	37.42600553	18.52552646	20.05344842
ENSMUSG00000082646	7.074518513	8.347406925	11.29841676	11.27640741	7.161945863
ENSMUSG00000082647	9.904325918	6.956172438	6.35535943	4.02728836	4.297167518
ENSMUSG00000082648	4.952162959	4.869320706	10.59226572	4.02728836	7.161945863
ENSMUSG00000082649	14.14903703	10.43425866	6.35535943	2.416373016	7.87814045
ENSMUSG00000082650	12.02668147	2.086851731	4.236906287	7.249119049	7.87814045
ENSMUSG00000082651	7.074518513	9.738641413	10.59226572	4.832746033	10.7429188
ENSMUSG00000082652	4.952162959	2.782468975	3.530755239	2.416373016	2.864778345
ENSMUSG00000082653	24.76081479	30.60715873	41.66291182	52.35474869	58.01176149
ENSMUSG00000082655	5.65961481	2.782468975	7.767661525	4.832746033	6.445751277
ENSMUSG00000082656	10.61177777	12.52111039	7.061510478	4.832746033	5.729556691
ENSMUSG00000082657	4.244711108	4.173703463	6.35535943	1.610915344	3.580972932
ENSMUSG00000082658	278.7360294	280.3337492	249.2713199	228.7499789	220.5879326
ENSMUSG00000082660	4.952162959	4.173703463	2.824604191	0.805457672	5.013362104
ENSMUSG00000082661	13.44158517	7.651789682	5.649208382	7.249119049	9.310529622
ENSMUSG00000082662	11.31922962	5.56493795	7.061510478	9.665492065	13.60769714
ENSMUSG00000082663	11.31922962	6.260555194	7.061510478	4.02728836	7.161945863
ENSMUSG00000082664	5.65961481	4.869320706	4.943057334	5.638203705	1.432389173
ENSMUSG00000082665	12.73413332	9.738641413	9.886114669	8.860034393	5.729556691
ENSMUSG00000082666	7.781970364	6.956172438	7.767661525	3.221830688	5.013362104
ENSMUSG00000082667	14.14903703	11.82549314	2.824604191	8.054576721	7.161945863
ENSMUSG00000082668	4.952162959	7.651789682	4.236906287	4.02728836	5.013362104
ENSMUSG00000082669	5.65961481	4.869320706	4.236906287	2.416373016	0.716194586
ENSMUSG00000082670	4.244711108	9.738641413	6.35535943	4.02728836	12.17530797
ENSMUSG00000082671	11.31922962	6.956172438	7.061510478	6.443661377	6.445751277
ENSMUSG00000082672	9.904325918	7.651789682	7.767661525	2.416373016	8.594335036
ENSMUSG00000082673	12.02668147	8.347406925	7.767661525	6.443661377	2.864778345
ENSMUSG00000082674	10.61177777	8.347406925	10.59226572	6.443661377	5.013362104

ENSMUSG0000082675	8.489422215	4.173703463	2.824604191	5.638203705	7.161945863
ENSMUSG0000082676	7.074518513	8.347406925	10.59226572	3.221830688	8.594335036
ENSMUSG0000082677	9.196874066	3.478086219	4.943057334	0.805457672	3.580972932
ENSMUSG0000082678	2.829807405	4.869320706	5.649208382	8.054576721	11.45911338
ENSMUSG0000082679	5.65961481	9.738641413	8.473812573	4.832746033	6.445751277
ENSMUSG0000082680	3.537259256	2.086851731	3.530755239	2.416373016	3.580972932
ENSMUSG0000082681	9.904325918	9.043024169	7.061510478	4.832746033	7.87814045
ENSMUSG0000082682	14.85648888	6.260555194	9.179963621	9.665492065	9.310529622
ENSMUSG0000082683	11.31922962	5.56493795	5.649208382	5.638203705	8.594335036
ENSMUSG0000082684	347.358859	334.5918943	315.6495184	494.5510107	328.7333151
ENSMUSG0000082685	8.489422215	9.043024169	7.767661525	4.02728836	5.729556691
ENSMUSG0000082686	7.074518513	5.56493795	9.179963621	6.443661377	8.594335036
ENSMUSG0000082687	9.196874066	15.30357936	9.179963621	11.27640741	10.7429188
ENSMUSG0000082688	7.781970364	9.043024169	10.59226572	12.88732275	9.310529622
ENSMUSG0000082689	8.489422215	3.478086219	7.061510478	8.860034393	10.7429188
ENSMUSG0000082690	6.367066661	4.869320706	3.530755239	2.416373016	2.864778345
ENSMUSG0000082691	5.65961481	3.478086219	6.35535943	5.638203705	9.310529622
ENSMUSG0000082692	12.73413332	12.52111039	11.29841676	8.860034393	10.7429188
ENSMUSG0000082693	10.61177777	10.43425866	12.00456781	10.47094974	11.45911338
ENSMUSG0000082694	22.63845924	21.56413456	30.36449505	12.08186508	14.32389173
ENSMUSG0000082696	0.707451851	2.086851731	3.530755239	0.805457672	2.148583759
ENSMUSG0000082697	9.196874066	8.347406925	7.061510478	7.249119049	8.594335036
ENSMUSG0000082698	14.85648888	8.347406925	11.29841676	6.443661377	6.445751277
ENSMUSG0000082699	8.489422215	8.347406925	7.061510478	5.638203705	5.729556691
ENSMUSG0000082700	9.904325918	6.260555194	12.00456781	4.832746033	7.161945863
ENSMUSG0000082701	8.489422215	10.43425866	11.29841676	6.443661377	5.729556691
ENSMUSG0000082703	10.61177777	8.347406925	6.35535943	5.638203705	5.013362104
ENSMUSG0000082704	4.952162959	4.173703463	6.35535943	6.443661377	10.02672421
ENSMUSG0000082705	10.61177777	7.651789682	9.179963621	10.47094974	5.013362104
ENSMUSG0000082706	10.61177777	11.1298759	14.12302096	8.054576721	10.02672421
ENSMUSG0000082707	8.489422215	5.56493795	2.118453143	5.638203705	5.729556691
ENSMUSG0000082708	4.952162959	6.956172438	4.943057334	3.221830688	5.729556691
ENSMUSG0000082709	7.781970364	9.043024169	9.886114669	5.638203705	10.7429188
ENSMUSG0000082710	10.61177777	3.478086219	9.179963621	5.638203705	8.594335036
ENSMUSG0000082711	121.6817184	165.556904	175.8316109	145.7878386	146.1036956
ENSMUSG0000082712	16.27139258	9.043024169	9.886114669	7.249119049	10.02672421
ENSMUSG0000082713	4.244711108	3.478086219	3.530755239	0.805457672	4.297167518
ENSMUSG0000082714	2.829807405	0.695617244	0	0.805457672	2.148583759
ENSMUSG0000082715	10.61177777	6.956172438	4.943057334	14.4982381	6.445751277
ENSMUSG0000082716	28.29807405	48.69320706	33.18909925	24.96918783	33.66114556
ENSMUSG0000082717	12.73413332	6.956172438	9.179963621	4.832746033	7.161945863
ENSMUSG0000082718	7.074518513	3.478086219	7.767661525	4.02728836	4.297167518
ENSMUSG0000082720	6.367066661	9.738641413	11.29841676	5.638203705	8.594335036

ENSMUSG00000082721	13.44158517	4.869320706	9.886114669	8.860034393	10.7429188
ENSMUSG00000082722	11.31922962	11.1298759	9.179963621	9.665492065	4.297167518
ENSMUSG00000082723	4.952162959	4.869320706	7.767661525	4.832746033	5.729556691
ENSMUSG00000082724	5.65961481	8.347406925	5.649208382	8.054576721	5.013362104
ENSMUSG00000082725	6.367066661	4.869320706	6.35535943	4.832746033	7.87814045
ENSMUSG00000082726	9.904325918	15.30357936	5.649208382	5.638203705	6.445751277
ENSMUSG00000082727	9.904325918	10.43425866	9.886114669	4.832746033	9.310529622
ENSMUSG00000082728	3.537259256	2.086851731	4.943057334	0.805457672	3.580972932
ENSMUSG00000082729	2.122355554	2.782468975	7.061510478	5.638203705	5.729556691
ENSMUSG00000082730	12.02668147	4.869320706	7.061510478	11.27640741	11.45911338
ENSMUSG00000082731	6.367066661	6.260555194	9.179963621	9.665492065	7.87814045
ENSMUSG00000082732	7.781970364	10.43425866	10.59226572	4.832746033	4.297167518
ENSMUSG00000082733	6.367066661	7.651789682	5.649208382	1.610915344	2.864778345
ENSMUSG00000082734	2.122355554	1.391234488	3.530755239	4.02728836	3.580972932
ENSMUSG00000082735	4.952162959	4.173703463	6.35535943	1.610915344	6.445751277
ENSMUSG00000082736	5.65961481	5.56493795	5.649208382	3.221830688	4.297167518
ENSMUSG00000082737	7.781970364	4.869320706	4.236906287	4.832746033	5.013362104
ENSMUSG00000082738	8.489422215	8.347406925	7.061510478	5.638203705	7.87814045
ENSMUSG00000082739	7.074518513	9.738641413	9.179963621	5.638203705	6.445751277
ENSMUSG00000082740	11.31922962	9.043024169	7.767661525	17.72006879	5.729556691
ENSMUSG00000082741	12.02668147	11.1298759	8.473812573	5.638203705	8.594335036
ENSMUSG00000082742	11.31922962	10.43425866	5.649208382	8.054576721	7.161945863
ENSMUSG00000082743	9.196874066	6.956172438	6.35535943	8.054576721	7.87814045
ENSMUSG00000082744	8.489422215	7.651789682	4.236906287	5.638203705	5.013362104
ENSMUSG00000082745	9.196874066	7.651789682	7.767661525	5.638203705	6.445751277
ENSMUSG00000082746	3.537259256	4.173703463	2.824604191	8.054576721	3.580972932
ENSMUSG00000082747	13.44158517	13.21672763	14.12302096	12.08186508	5.729556691
ENSMUSG00000082749	7.074518513	9.738641413	5.649208382	10.47094974	6.445751277
ENSMUSG00000082750	9.904325918	11.82549314	10.59226572	16.91461111	10.02672421
ENSMUSG00000082751	6.367066661	4.173703463	8.473812573	4.832746033	1.432389173
ENSMUSG00000082752	3.537259256	2.782468975	3.530755239	3.221830688	3.580972932
ENSMUSG00000082754	2.122355554	6.956172438	5.649208382	4.832746033	7.87814045
ENSMUSG00000082755	4.952162959	0	4.943057334	4.02728836	5.013362104
ENSMUSG00000082756	9.196874066	10.43425866	9.179963621	3.221830688	2.864778345
ENSMUSG00000082757	4.952162959	3.478086219	4.236906287	1.610915344	4.297167518
ENSMUSG00000082758	10.61177777	7.651789682	12.71071886	9.665492065	7.161945863
ENSMUSG00000082759	4.952162959	4.869320706	2.824604191	2.416373016	5.013362104
ENSMUSG00000082760	9.904325918	10.43425866	4.943057334	8.860034393	4.297167518
ENSMUSG00000082762	16.97884443	16.69481385	14.12302096	20.94189947	15.04008631
ENSMUSG00000082763	9.196874066	3.478086219	5.649208382	4.02728836	7.87814045
ENSMUSG00000082765	12.73413332	6.260555194	7.767661525	5.638203705	3.580972932
ENSMUSG00000082767	5.65961481	8.347406925	7.061510478	1.610915344	13.60769714
ENSMUSG00000082768	9.196874066	6.956172438	8.473812573	4.02728836	9.310529622

ENSMUSG00000082769	12.02668147	18.78166558	21.18453143	20.94189947	18.62105924
ENSMUSG00000082770	2.122355554	2.086851731	5.649208382	2.416373016	2.864778345
ENSMUSG00000082771	7.781970364	6.260555194	4.236906287	2.416373016	4.297167518
ENSMUSG00000082772	4.244711108	2.782468975	2.824604191	2.416373016	2.148583759
ENSMUSG00000082773	7.781970364	4.869320706	1.412302096	3.221830688	4.297167518
ENSMUSG00000082774	10.61177777	6.956172438	5.649208382	7.249119049	7.161945863
ENSMUSG00000082775	4.244711108	6.260555194	2.824604191	5.638203705	3.580972932
ENSMUSG00000082776	2.829807405	1.391234488	2.118453143	3.221830688	1.432389173
ENSMUSG00000082777	11.31922962	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000082778	8.489422215	5.56493795	4.236906287	5.638203705	4.297167518
ENSMUSG00000082779	9.196874066	11.1298759	7.767661525	6.443661377	7.161945863
ENSMUSG00000082780	8.489422215	1.391234488	6.35535943	4.02728836	8.594335036
ENSMUSG00000082781	4.244711108	9.043024169	7.061510478	4.832746033	8.594335036
ENSMUSG00000082782	8.489422215	4.869320706	8.473812573	7.249119049	3.580972932
ENSMUSG00000082783	3.537259256	3.478086219	2.824604191	2.416373016	2.864778345
ENSMUSG00000082784	9.904325918	6.956172438	4.943057334	7.249119049	7.161945863
ENSMUSG00000082785	0.707451851	1.391234488	1.412302096	0.805457672	0.716194586
ENSMUSG00000082786	10.61177777	9.738641413	4.943057334	4.832746033	10.7429188
ENSMUSG00000082788	14.14903703	7.651789682	9.886114669	5.638203705	9.310529622
ENSMUSG00000082789	14.14903703	4.869320706	11.29841676	4.02728836	10.02672421
ENSMUSG00000082790	9.904325918	7.651789682	12.71071886	8.860034393	10.7429188
ENSMUSG00000082791	15.56394073	6.956172438	4.943057334	6.443661377	8.594335036
ENSMUSG00000082792	12.02668147	9.738641413	7.767661525	3.221830688	4.297167518
ENSMUSG00000082793	10.61177777	6.956172438	6.35535943	1.610915344	6.445751277
ENSMUSG00000082794	2.829807405	6.260555194	4.236906287	1.610915344	1.432389173
ENSMUSG00000082795	9.196874066	4.869320706	8.473812573	5.638203705	7.161945863
ENSMUSG00000082796	9.196874066	5.56493795	9.886114669	8.054576721	9.310529622
ENSMUSG00000082797	11.31922962	5.56493795	4.943057334	10.47094974	7.87814045
ENSMUSG00000082798	15.56394073	12.52111039	6.35535943	4.02728836	6.445751277
ENSMUSG00000082799	4.244711108	4.173703463	4.236906287	1.610915344	4.297167518
ENSMUSG00000082800	13.44158517	9.043024169	13.41686991	4.832746033	3.580972932
ENSMUSG00000082802	12.73413332	4.173703463	4.943057334	5.638203705	10.7429188
ENSMUSG00000082803	21.22355554	50.08444155	39.54445867	14.4982381	18.62105924
ENSMUSG00000082804	5.65961481	8.347406925	9.886114669	9.665492065	7.87814045
ENSMUSG00000082806	29.0055259	52.86691053	48.01827125	25.77464551	30.79636721
ENSMUSG00000082807	6.367066661	6.956172438	4.943057334	0.805457672	2.864778345
ENSMUSG00000082809	12.73413332	11.1298759	11.29841676	17.72006879	17.18867007
ENSMUSG00000082810	2.829807405	6.260555194	2.824604191	3.221830688	4.297167518
ENSMUSG00000082812	5.65961481	7.651789682	5.649208382	3.221830688	8.594335036
ENSMUSG00000082814	12.02668147	9.738641413	5.649208382	4.832746033	10.02672421
ENSMUSG00000082815	12.02668147	5.56493795	9.179963621	8.054576721	7.87814045
ENSMUSG00000082816	5.65961481	4.869320706	7.767661525	4.832746033	8.594335036
ENSMUSG00000082817	4.952162959	4.173703463	2.118453143	1.610915344	2.864778345

ENSMUSG00000082818	8.489422215	4.869320706	9.179963621	5.638203705	5.729556691
ENSMUSG00000082819	5.65961481	9.043024169	7.061510478	7.249119049	5.729556691
ENSMUSG00000082820	16.97884443	5.56493795	6.35535943	5.638203705	4.297167518
ENSMUSG00000082821	8.489422215	0	6.35535943	5.638203705	13.60769714
ENSMUSG00000082822	4.952162959	7.651789682	4.943057334	5.638203705	2.864778345
ENSMUSG00000082823	6.367066661	6.260555194	7.767661525	4.02728836	4.297167518
ENSMUSG00000082824	3.537259256	4.173703463	4.943057334	2.416373016	1.432389173
ENSMUSG00000082825	11.31922962	5.56493795	4.236906287	5.638203705	2.864778345
ENSMUSG00000082826	7.781970364	7.651789682	9.886114669	4.02728836	6.445751277
ENSMUSG00000082827	4.244711108	2.086851731	2.824604191	1.610915344	2.148583759
ENSMUSG00000082828	0	4.173703463	1.412302096	2.416373016	1.432389173
ENSMUSG00000082829	43.86201478	58.43184848	58.61053696	28.9964762	27.93158887
ENSMUSG00000082831	9.196874066	4.173703463	7.767661525	4.02728836	4.297167518
ENSMUSG00000082832	4.244711108	6.260555194	3.530755239	3.221830688	2.864778345
ENSMUSG00000082833	7.781970364	6.956172438	12.00456781	7.249119049	5.013362104
ENSMUSG00000082835	9.196874066	8.347406925	9.886114669	4.832746033	6.445751277
ENSMUSG00000082836	9.904325918	9.043024169	4.943057334	8.860034393	8.594335036
ENSMUSG00000082837	9.904325918	7.651789682	8.473812573	7.249119049	8.594335036
ENSMUSG00000082838	21.93100739	20.86851731	24.71528667	23.35827249	17.90486466
ENSMUSG00000082839	8.489422215	6.260555194	4.236906287	4.02728836	5.013362104
ENSMUSG00000082840	2.829807405	7.651789682	4.236906287	1.610915344	7.161945863
ENSMUSG00000082841	9.196874066	13.21672763	11.29841676	12.08186508	10.02672421
ENSMUSG00000082842	4.244711108	5.56493795	4.236906287	4.02728836	5.729556691
ENSMUSG00000082843	11.31922962	7.651789682	5.649208382	5.638203705	8.594335036
ENSMUSG00000082844	4.952162959	3.478086219	10.59226572	4.02728836	6.445751277
ENSMUSG00000082845	0.707451851	0	0	0	0
ENSMUSG00000082846	11.31922962	10.43425866	9.886114669	5.638203705	8.594335036
ENSMUSG00000082847	4.244711108	4.173703463	4.943057334	5.638203705	2.148583759
ENSMUSG00000082848	24.76081479	55.6493795	46.60596915	53.16020636	53.71459398
ENSMUSG00000082849	7.074518513	8.347406925	4.236906287	2.416373016	6.445751277
ENSMUSG00000082850	9.904325918	8.347406925	7.061510478	4.02728836	7.161945863
ENSMUSG00000082851	6.367066661	4.173703463	12.00456781	14.4982381	8.594335036
ENSMUSG00000082852	11.31922962	8.347406925	8.473812573	7.249119049	5.729556691
ENSMUSG00000082853	6.367066661	4.869320706	2.824604191	3.221830688	5.013362104
ENSMUSG00000082855	14.85648888	21.56413456	23.30298458	16.10915344	18.62105924
ENSMUSG00000082856	7.781970364	2.782468975	2.824604191	0.805457672	2.148583759
ENSMUSG00000082857	11.31922962	11.1298759	6.35535943	7.249119049	3.580972932
ENSMUSG00000082858	9.196874066	7.651789682	10.59226572	10.47094974	4.297167518
ENSMUSG00000082859	6.367066661	13.91234488	6.35535943	6.443661377	7.161945863
ENSMUSG00000082860	18.39374813	17.39043109	20.47838039	26.58010318	20.05344842
ENSMUSG00000082861	17.68629628	22.95536904	23.30298458	8.054576721	14.32389173
ENSMUSG00000082862	8.489422215	6.260555194	7.767661525	3.221830688	5.729556691
ENSMUSG00000082863	4.952162959	1.391234488	1.412302096	1.610915344	2.864778345

ENSMUSG00000082864	10.61177777	11.82549314	5.649208382	9.665492065	7.161945863
ENSMUSG00000082865	7.781970364	2.782468975	4.943057334	4.02728836	3.580972932
ENSMUSG00000082867	28.29807405	43.82388636	56.49208382	41.07834128	37.24211849
ENSMUSG00000082868	14.14903703	6.956172438	9.179963621	10.47094974	5.729556691
ENSMUSG00000082869	10.61177777	6.956172438	9.886114669	7.249119049	7.87814045
ENSMUSG00000082870	9.196874066	9.043024169	6.35535943	7.249119049	5.013362104
ENSMUSG00000082871	12.02668147	4.173703463	3.530755239	5.638203705	10.02672421
ENSMUSG00000082872	13.44158517	8.347406925	9.886114669	8.054576721	5.729556691
ENSMUSG00000082873	4.952162959	5.56493795	7.767661525	4.832746033	5.729556691
ENSMUSG00000082874	9.904325918	7.651789682	7.061510478	6.443661377	7.87814045
ENSMUSG00000082875	6.367066661	5.56493795	2.824604191	4.832746033	4.297167518
ENSMUSG00000082876	14.85648888	11.82549314	8.473812573	5.638203705	13.60769714
ENSMUSG00000082877	13.44158517	13.21672763	12.00456781	10.47094974	7.87814045
ENSMUSG00000082878	7.781970364	7.651789682	10.59226572	5.638203705	2.864778345
ENSMUSG00000082879	10.61177777	4.869320706	9.886114669	8.860034393	9.310529622
ENSMUSG00000082880	12.73413332	3.478086219	4.943057334	8.860034393	4.297167518
ENSMUSG00000082882	7.781970364	5.56493795	8.473812573	5.638203705	5.729556691
ENSMUSG00000082883	12.73413332	6.260555194	4.943057334	4.832746033	3.580972932
ENSMUSG00000082884	1.414903703	1.391234488	0	0.805457672	2.864778345
ENSMUSG00000082885	6.367066661	6.956172438	7.061510478	7.249119049	7.161945863
ENSMUSG00000082886	4.244711108	4.173703463	3.530755239	3.221830688	3.580972932
ENSMUSG00000082887	0.707451851	0.695617244	0	0.805457672	0.716194586
ENSMUSG00000082888	9.904325918	15.99919661	15.53532305	8.054576721	12.17530797
ENSMUSG00000082889	10.61177777	6.260555194	5.649208382	4.832746033	7.87814045
ENSMUSG00000082890	3.537259256	3.478086219	5.649208382	4.02728836	3.580972932
ENSMUSG00000082891	11.31922962	6.956172438	12.71071886	10.47094974	9.310529622
ENSMUSG00000082892	9.196874066	12.52111039	6.35535943	2.416373016	5.729556691
ENSMUSG00000082893	7.781970364	3.478086219	3.530755239	9.665492065	7.87814045
ENSMUSG00000082894	9.196874066	2.782468975	3.530755239	6.443661377	0.716194586
ENSMUSG00000082895	11.31922962	6.956172438	13.41686991	16.10915344	7.87814045
ENSMUSG00000082896	9.196874066	9.043024169	7.767661525	20.1364418	21.48583759
ENSMUSG00000082897	3.537259256	6.956172438	4.943057334	6.443661377	5.013362104
ENSMUSG00000082898	9.904325918	11.82549314	13.41686991	7.249119049	10.7429188
ENSMUSG00000082899	15.56394073	4.869320706	7.061510478	4.832746033	5.729556691
ENSMUSG00000082900	6.367066661	9.043024169	8.473812573	3.221830688	7.161945863
ENSMUSG00000082901	9.196874066	6.956172438	12.71071886	9.665492065	7.87814045
ENSMUSG00000082902	4.244711108	2.086851731	2.118453143	4.832746033	2.148583759
ENSMUSG00000082903	10.61177777	11.1298759	11.29841676	5.638203705	4.297167518
ENSMUSG00000082905	4.244711108	5.56493795	7.767661525	3.221830688	5.729556691
ENSMUSG00000082906	8.489422215	2.782468975	2.118453143	2.416373016	4.297167518
ENSMUSG00000082907	3.537259256	4.173703463	6.35535943	7.249119049	2.148583759
ENSMUSG00000082908	7.074518513	7.651789682	7.061510478	4.832746033	5.013362104
ENSMUSG00000082909	12.02668147	11.1298759	4.943057334	5.638203705	3.580972932

ENSMUSG0000082910	4.244711108	0.695617244	4.236906287	2.416373016	2.148583759
ENSMUSG0000082911	7.074518513	4.173703463	10.59226572	4.02728836	5.729556691
ENSMUSG0000082912	6.367066661	4.173703463	4.236906287	2.416373016	3.580972932
ENSMUSG0000082913	6.367066661	4.173703463	2.118453143	3.221830688	5.013362104
ENSMUSG0000082915	5.65961481	4.173703463	4.236906287	0	2.148583759
ENSMUSG0000082917	20.51610369	17.39043109	16.94762515	12.08186508	16.47247549
ENSMUSG0000082918	0	0	0	0	0
ENSMUSG0000082919	12.02668147	9.043024169	9.886114669	0.805457672	7.87814045
ENSMUSG0000082920	12.73413332	11.82549314	14.12302096	10.47094974	7.161945863
ENSMUSG0000082922	10.61177777	11.1298759	11.29841676	14.4982381	8.594335036
ENSMUSG0000082924	7.074518513	11.1298759	9.886114669	13.69278043	11.45911338
ENSMUSG0000082925	24.05336294	18.78166558	23.30298458	17.72006879	12.89150255
ENSMUSG0000082926	2.829807405	8.347406925	6.35535943	13.69278043	11.45911338
ENSMUSG0000082927	2.122355554	0.695617244	4.943057334	1.610915344	2.148583759
ENSMUSG0000082928	204.453585	271.9863423	242.2098094	173.9788572	164.7247549
ENSMUSG0000082929	7.781970364	3.478086219	3.530755239	5.638203705	2.148583759
ENSMUSG0000082930	6.367066661	6.260555194	6.35535943	7.249119049	6.445751277
ENSMUSG0000082931	76.40479994	112.6899935	95.33039145	137.7332619	117.4559122
ENSMUSG0000082932	9.196874066	8.347406925	9.886114669	10.47094974	5.013362104
ENSMUSG0000082933	7.074518513	4.173703463	7.767661525	9.665492065	5.013362104
ENSMUSG0000082934	12.73413332	6.260555194	7.061510478	6.443661377	4.297167518
ENSMUSG0000082935	8.489422215	13.21672763	8.473812573	9.665492065	7.87814045
ENSMUSG0000082936	26.88317035	28.52030699	20.47838039	16.10915344	20.05344842
ENSMUSG0000082937	3.537259256	2.782468975	1.412302096	2.416373016	3.580972932
ENSMUSG0000082938	6.367066661	4.869320706	9.886114669	6.443661377	10.7429188
ENSMUSG0000082939	0.707451851	0	0	0	1.432389173
ENSMUSG0000082940	8.489422215	4.869320706	5.649208382	8.054576721	9.310529622
ENSMUSG0000082941	9.904325918	11.1298759	8.473812573	4.02728836	7.161945863
ENSMUSG0000082943	4.952162959	9.738641413	7.767661525	6.443661377	7.161945863
ENSMUSG0000082945	10.61177777	11.1298759	13.41686991	9.665492065	15.04008631
ENSMUSG0000082946	9.196874066	9.043024169	7.061510478	7.249119049	7.161945863
ENSMUSG0000082947	2.829807405	6.260555194	5.649208382	4.832746033	5.729556691
ENSMUSG0000082949	0.707451851	0.695617244	2.118453143	0.805457672	0.716194586
ENSMUSG0000082950	2.829807405	4.173703463	4.236906287	4.832746033	3.580972932
ENSMUSG0000082951	8.489422215	11.1298759	6.35535943	7.249119049	2.864778345
ENSMUSG0000082952	9.196874066	2.782468975	7.767661525	4.02728836	9.310529622
ENSMUSG0000082953	7.781970364	15.30357936	6.35535943	7.249119049	7.161945863
ENSMUSG0000082954	56.5961481	83.47406925	88.97503202	39.46742593	60.16034525
ENSMUSG0000082955	8.489422215	4.869320706	3.530755239	7.249119049	5.013362104
ENSMUSG0000082956	9.196874066	10.43425866	4.943057334	5.638203705	4.297167518
ENSMUSG0000082957	7.074518513	8.347406925	9.179963621	8.054576721	7.161945863
ENSMUSG0000082958	9.904325918	4.173703463	15.53532305	2.416373016	3.580972932
ENSMUSG0000082959	8.489422215	4.869320706	9.179963621	5.638203705	6.445751277

ENSMUSG00000082960	6.367066661	7.651789682	9.179963621	5.638203705	4.297167518
ENSMUSG00000082961	4.952162959	2.086851731	1.412302096	1.610915344	2.864778345
ENSMUSG00000082962	2.122355554	4.173703463	1.412302096	4.02728836	6.445751277
ENSMUSG00000082963	10.61177777	7.651789682	9.179963621	2.416373016	2.864778345
ENSMUSG00000082964	16.27139258	31.99839321	21.18453143	9.665492065	22.20203218
ENSMUSG00000082965	7.781970364	4.869320706	3.530755239	2.416373016	1.432389173
ENSMUSG00000082966	0.707451851	4.173703463	5.649208382	5.638203705	3.580972932
ENSMUSG00000082967	7.781970364	6.260555194	7.767661525	3.221830688	5.013362104
ENSMUSG00000082968	2.829807405	5.56493795	4.236906287	4.832746033	5.013362104
ENSMUSG00000082969	8.489422215	11.82549314	8.473812573	6.443661377	8.594335036
ENSMUSG00000082970	7.781970364	2.782468975	2.118453143	0	4.297167518
ENSMUSG00000082971	10.61177777	6.260555194	5.649208382	8.054576721	8.594335036
ENSMUSG00000082973	7.781970364	12.52111039	7.061510478	8.860034393	5.729556691
ENSMUSG00000082974	8.489422215	15.30357936	19.06607829	14.4982381	13.60769714
ENSMUSG00000082975	4.952162959	7.651789682	10.59226572	3.221830688	5.013362104
ENSMUSG00000082977	12.02668147	7.651789682	4.943057334	2.416373016	7.161945863
ENSMUSG00000082978	6.367066661	8.347406925	12.71071886	4.832746033	7.161945863
ENSMUSG00000082980	7.781970364	9.043024169	5.649208382	4.832746033	6.445751277
ENSMUSG00000082981	15.56394073	25.73783802	33.89525029	22.55281482	22.20203218
ENSMUSG00000082982	7.074518513	4.869320706	4.943057334	3.221830688	5.729556691
ENSMUSG00000082983	0.707451851	0	0.706151048	0	0
ENSMUSG00000082985	7.074518513	5.56493795	7.767661525	7.249119049	10.02672421
ENSMUSG00000082986	7.781970364	7.651789682	10.59226572	3.221830688	7.161945863
ENSMUSG00000082987	7.781970364	9.738641413	7.061510478	8.054576721	7.87814045
ENSMUSG00000082988	17.68629628	18.08604834	23.30298458	35.44013757	22.91822676
ENSMUSG00000082989	9.904325918	5.56493795	12.71071886	2.416373016	5.729556691
ENSMUSG00000082990	17.68629628	27.82468975	28.24604191	56.38203705	50.13362104
ENSMUSG00000082991	12.73413332	9.043024169	12.71071886	5.638203705	5.729556691
ENSMUSG00000082993	11.31922962	7.651789682	11.29841676	5.638203705	10.7429188
ENSMUSG00000082994	9.196874066	8.347406925	9.179963621	5.638203705	7.161945863
ENSMUSG00000082995	8.489422215	4.173703463	6.35535943	6.443661377	3.580972932
ENSMUSG00000082996	39.61730367	61.21431745	58.61053696	49.132918	42.97167518
ENSMUSG00000082997	9.196874066	4.869320706	4.236906287	2.416373016	7.161945863
ENSMUSG00000082998	4.244711108	4.173703463	7.061510478	4.02728836	7.87814045
ENSMUSG00000083000	8.489422215	4.869320706	7.061510478	4.832746033	8.594335036
ENSMUSG00000083001	7.781970364	7.651789682	9.886114669	6.443661377	6.445751277
ENSMUSG00000083004	14.85648888	8.347406925	7.767661525	6.443661377	12.89150255
ENSMUSG00000083005	7.781970364	4.869320706	6.35535943	5.638203705	7.161945863
ENSMUSG00000083006	18.39374813	15.99919661	19.77222934	17.72006879	17.18867007
ENSMUSG00000083007	10.61177777	8.347406925	16.2414741	4.832746033	5.013362104
ENSMUSG00000083008	7.074518513	8.347406925	10.59226572	4.832746033	7.161945863
ENSMUSG00000083009	4.244711108	5.56493795	7.061510478	10.47094974	7.161945863
ENSMUSG00000083010	4.952162959	3.478086219	2.824604191	1.610915344	2.864778345



ENSMUSG0000083011	7.781970364	6.260555194	8.473812573	5.638203705	11.45911338
ENSMUSG0000083013	12.02668147	11.82549314	12.00456781	15.30369577	12.89150255
ENSMUSG0000083014	7.781970364	5.56493795	12.71071886	4.02728836	6.445751277
ENSMUSG0000083015	8.489422215	6.956172438	7.767661525	9.665492065	6.445751277
ENSMUSG0000083016	11.31922962	9.043024169	7.767661525	6.443661377	9.310529622
ENSMUSG0000083017	16.97884443	7.651789682	10.59226572	5.638203705	6.445751277
ENSMUSG0000083018	12.02668147	6.956172438	9.179963621	8.860034393	8.594335036
ENSMUSG0000083019	6.367066661	2.086851731	7.767661525	8.054576721	7.161945863
ENSMUSG0000083020	14.14903703	6.956172438	3.530755239	4.02728836	8.594335036
ENSMUSG0000083022	137.2456591	206.5983214	171.5947046	174.7843148	152.5494469
ENSMUSG0000083023	8.489422215	4.869320706	8.473812573	4.832746033	5.013362104
ENSMUSG0000083024	3.537259256	2.782468975	5.649208382	3.221830688	2.148583759
ENSMUSG0000083025	7.074518513	11.1298759	7.767661525	16.10915344	4.297167518
ENSMUSG0000083026	4.952162959	4.173703463	2.824604191	0.805457672	2.864778345
ENSMUSG0000083027	14.85648888	10.43425866	9.886114669	8.860034393	4.297167518
ENSMUSG0000083028	9.904325918	9.043024169	9.886114669	4.02728836	9.310529622
ENSMUSG0000083029	7.781970364	6.956172438	8.473812573	3.221830688	4.297167518
ENSMUSG0000083030	6.367066661	3.478086219	2.824604191	0	2.148583759
ENSMUSG0000083031	7.074518513	2.086851731	5.649208382	2.416373016	3.580972932
ENSMUSG0000083032	7.781970364	9.043024169	4.943057334	12.08186508	7.87814045
ENSMUSG0000083033	116.7295555	117.5593142	119.3395271	120.0131931	83.7947666
ENSMUSG0000083034	8.489422215	13.21672763	7.061510478	4.02728836	8.594335036
ENSMUSG0000083036	16.97884443	29.21592424	32.4829482	27.38556085	24.35061594
ENSMUSG0000083037	4.244711108	1.391234488	1.412302096	1.610915344	2.864778345
ENSMUSG0000083038	30.4204296	7.651789682	14.12302096	12.88732275	12.89150255
ENSMUSG0000083039	12.02668147	10.43425866	4.943057334	6.443661377	4.297167518
ENSMUSG0000083041	7.781970364	6.956172438	6.35535943	8.054576721	5.013362104
ENSMUSG0000083042	9.196874066	4.173703463	9.179963621	2.416373016	10.7429188
ENSMUSG0000083043	319.0607849	354.0691771	317.7679715	419.6434472	327.300926
ENSMUSG0000083044	14.85648888	5.56493795	4.236906287	5.638203705	7.161945863
ENSMUSG0000083045	38.20239997	60.51870021	55.07978173	22.55281482	30.08017263
ENSMUSG0000083046	4.244711108	6.260555194	4.236906287	4.02728836	2.148583759
ENSMUSG0000083047	7.074518513	6.260555194	9.886114669	7.249119049	6.445751277
ENSMUSG0000083049	7.781970364	2.782468975	3.530755239	1.610915344	2.148583759
ENSMUSG0000083050	11.31922962	9.738641413	9.179963621	5.638203705	2.864778345
ENSMUSG0000083052	14.14903703	13.91234488	8.473812573	6.443661377	7.161945863
ENSMUSG0000083053	3.537259256	4.173703463	6.35535943	0	1.432389173
ENSMUSG0000083054	0	0	0	0	0
ENSMUSG0000083055	9.904325918	11.82549314	10.59226572	4.02728836	5.013362104
ENSMUSG0000083057	11.31922962	16.69481385	12.71071886	6.443661377	9.310529622
ENSMUSG0000083058	5.65961481	4.869320706	6.35535943	1.610915344	6.445751277
ENSMUSG0000083059	9.904325918	4.869320706	7.767661525	1.610915344	8.594335036
ENSMUSG0000083060	7.074518513	4.869320706	4.943057334	4.832746033	2.148583759

ENSMUSG0000083061	19.80865184	29.91154148	25.42143772	28.19101852	25.06681052
ENSMUSG0000083062	1.414903703	3.478086219	2.118453143	1.610915344	3.580972932
ENSMUSG0000083063	0	0.695617244	1.412302096	0	0
ENSMUSG0000083064	7.781970364	3.478086219	9.179963621	7.249119049	6.445751277
ENSMUSG0000083065	7.781970364	11.1298759	9.179963621	8.054576721	7.87814045
ENSMUSG0000083066	8.489422215	6.260555194	10.59226572	5.638203705	10.02672421
ENSMUSG0000083067	8.489422215	4.869320706	2.824604191	3.221830688	2.864778345
ENSMUSG0000083068	6.367066661	12.52111039	9.179963621	8.860034393	7.87814045
ENSMUSG0000083069	2.122355554	3.478086219	0.706151048	2.416373016	1.432389173
ENSMUSG0000083070	9.904325918	11.82549314	9.886114669	9.665492065	6.445751277
ENSMUSG0000083072	7.781970364	4.869320706	9.886114669	4.832746033	4.297167518
ENSMUSG0000083073	8.489422215	9.738641413	4.943057334	6.443661377	7.161945863
ENSMUSG0000083074	7.074518513	2.782468975	4.236906287	7.249119049	4.297167518
ENSMUSG0000083075	14.14903703	4.869320706	8.473812573	7.249119049	4.297167518
ENSMUSG0000083076	4.952162959	11.82549314	7.767661525	8.860034393	7.87814045
ENSMUSG0000083077	9.904325918	4.869320706	5.649208382	7.249119049	5.013362104
ENSMUSG0000083078	8.489422215	9.043024169	7.767661525	5.638203705	6.445751277
ENSMUSG0000083079	12.02668147	6.956172438	9.886114669	4.832746033	6.445751277
ENSMUSG0000083080	11.31922962	9.043024169	7.767661525	8.860034393	9.310529622
ENSMUSG0000083081	12.02668147	9.043024169	9.179963621	9.665492065	13.60769714
ENSMUSG0000083083	7.074518513	10.43425866	9.179963621	2.416373016	5.729556691
ENSMUSG0000083084	5.65961481	3.478086219	8.473812573	1.610915344	3.580972932
ENSMUSG0000083085	7.074518513	4.173703463	5.649208382	4.832746033	7.161945863
ENSMUSG0000083086	12.73413332	12.52111039	7.061510478	4.02728836	7.161945863
ENSMUSG0000083087	11.31922962	8.347406925	8.473812573	4.832746033	5.013362104
ENSMUSG0000083088	9.196874066	9.043024169	6.35535943	7.249119049	3.580972932
ENSMUSG0000083089	4.244711108	2.086851731	2.824604191	2.416373016	2.864778345
ENSMUSG0000083090	7.781970364	5.56493795	4.943057334	8.860034393	8.594335036
ENSMUSG0000083091	10.61177777	6.260555194	7.767661525	4.02728836	9.310529622
ENSMUSG0000083093	0.707451851	2.086851731	0.706151048	0	1.432389173
ENSMUSG0000083094	4.952162959	2.086851731	2.118453143	2.416373016	5.013362104
ENSMUSG0000083095	8.489422215	9.043024169	9.179963621	8.054576721	7.87814045
ENSMUSG0000083096	7.074518513	5.56493795	4.943057334	5.638203705	6.445751277
ENSMUSG0000083097	9.904325918	14.60796212	14.829172	11.27640741	16.47247549
ENSMUSG0000083098	1.414903703	7.651789682	3.530755239	0.805457672	2.148583759
ENSMUSG0000083099	3.537259256	2.782468975	3.530755239	5.638203705	4.297167518
ENSMUSG0000083100	16.27139258	20.17290007	22.59683353	11.27640741	15.7562809
ENSMUSG0000083101	11.31922962	9.043024169	8.473812573	8.054576721	13.60769714
ENSMUSG0000083103	6.367066661	5.56493795	2.118453143	4.02728836	2.148583759
ENSMUSG0000083104	20.51610369	33.3896277	30.36449505	52.35474869	40.82309142
ENSMUSG0000083105	11.31922962	9.738641413	9.886114669	7.249119049	5.729556691
ENSMUSG0000083106	6.367066661	7.651789682	7.767661525	2.416373016	2.864778345
ENSMUSG0000083107	7.781970364	6.260555194	12.71071886	7.249119049	8.594335036

ENSMUSG0000083109	8.489422215	5.56493795	7.767661525	7.249119049	5.729556691
ENSMUSG0000083110	11.31922962	7.651789682	9.886114669	6.443661377	4.297167518
ENSMUSG0000083111	6.367066661	12.52111039	4.943057334	8.860034393	6.445751277
ENSMUSG0000083112	16.27139258	27.82468975	24.71528667	34.6346799	24.35061594
ENSMUSG0000083113	0.707451851	0.695617244	0	0	0.716194586
ENSMUSG0000083114	3.537259256	4.869320706	2.118453143	4.832746033	7.161945863
ENSMUSG0000083115	12.73413332	7.651789682	4.943057334	8.054576721	6.445751277
ENSMUSG0000083116	26.1757185	16.69481385	17.65377619	14.4982381	13.60769714
ENSMUSG0000083117	2.122355554	5.56493795	3.530755239	0.805457672	2.148583759
ENSMUSG0000083118	7.781970364	6.260555194	8.473812573	7.249119049	5.729556691
ENSMUSG0000083119	7.781970364	2.086851731	2.118453143	3.221830688	3.580972932
ENSMUSG0000083120	8.489422215	9.043024169	8.473812573	7.249119049	3.580972932
ENSMUSG0000083121	164.8362813	222.597518	172.3008557	191.698926	179.0486466
ENSMUSG0000083122	8.489422215	8.347406925	9.886114669	4.832746033	7.87814045
ENSMUSG0000083123	6.367066661	2.782468975	3.530755239	2.416373016	5.013362104
ENSMUSG0000083124	9.196874066	3.478086219	7.061510478	3.221830688	7.87814045
ENSMUSG0000083125	10.61177777	4.869320706	12.00456781	5.638203705	10.02672421
ENSMUSG0000083126	7.074518513	10.43425866	5.649208382	5.638203705	9.310529622
ENSMUSG0000083127	6.367066661	2.782468975	4.236906287	4.02728836	3.580972932
ENSMUSG0000083128	5.65961481	2.086851731	4.943057334	6.443661377	5.013362104
ENSMUSG0000083129	16.27139258	2.782468975	1.412302096	11.27640741	9.310529622
ENSMUSG0000083130	0.707451851	2.086851731	0	2.416373016	2.864778345
ENSMUSG0000083132	18.39374813	18.08604834	20.47838039	12.88732275	12.89150255
ENSMUSG0000083133	3.537259256	4.869320706	2.118453143	2.416373016	1.432389173
ENSMUSG0000083135	7.781970364	6.956172438	6.35535943	7.249119049	10.7429188
ENSMUSG0000083136	3.537259256	2.782468975	2.118453143	4.02728836	4.297167518
ENSMUSG0000083137	7.074518513	6.956172438	4.943057334	7.249119049	7.161945863
ENSMUSG0000083138	7.074518513	10.43425866	9.179963621	6.443661377	5.729556691
ENSMUSG0000083139	12.02668147	15.30357936	10.59226572	9.665492065	10.7429188
ENSMUSG0000083140	2.122355554	2.086851731	2.824604191	4.832746033	6.445751277
ENSMUSG0000083141	16.27139258	9.738641413	7.767661525	5.638203705	5.013362104
ENSMUSG0000083142	4.952162959	6.260555194	7.767661525	5.638203705	10.7429188
ENSMUSG0000083143	7.074518513	4.173703463	8.473812573	5.638203705	5.729556691
ENSMUSG0000083144	11.31922962	4.173703463	2.824604191	1.610915344	2.864778345
ENSMUSG0000083145	7.074518513	4.869320706	9.179963621	5.638203705	7.161945863
ENSMUSG0000083147	14.85648888	4.173703463	7.767661525	4.02728836	6.445751277
ENSMUSG0000083149	17.68629628	6.956172438	7.767661525	7.249119049	7.161945863
ENSMUSG0000083150	11.31922962	10.43425866	9.179963621	4.832746033	6.445751277
ENSMUSG0000083151	4.244711108	2.782468975	1.412302096	4.02728836	4.297167518
ENSMUSG0000083152	60.84085921	85.56092098	81.91352154	83.7675979	75.91662615
ENSMUSG0000083153	4.952162959	7.651789682	9.886114669	6.443661377	10.02672421
ENSMUSG0000083154	5.65961481	6.956172438	4.236906287	4.832746033	7.161945863
ENSMUSG0000083155	7.781970364	7.651789682	8.473812573	8.054576721	4.297167518

ENSMUSG0000083156	5.65961481	3.478086219	7.767661525	2.416373016	2.864778345
ENSMUSG0000083157	201.6237776	282.420601	249.9774709	223.1117752	172.6028953
ENSMUSG0000083158	4.952162959	4.869320706	6.35535943	1.610915344	3.580972932
ENSMUSG0000083159	10.61177777	5.56493795	4.943057334	6.443661377	10.7429188
ENSMUSG0000083160	7.781970364	6.956172438	7.061510478	2.416373016	12.89150255
ENSMUSG0000083161	12.02668147	10.43425866	14.12302096	16.10915344	16.47247549
ENSMUSG0000083162	2.122355554	0.695617244	1.412302096	0	2.148583759
ENSMUSG0000083163	3.537259256	8.347406925	2.824604191	4.02728836	1.432389173
ENSMUSG0000083165	88.43148141	136.3409798	121.4579802	38.66196826	37.24211849
ENSMUSG0000083166	4.952162959	2.782468975	5.649208382	6.443661377	4.297167518
ENSMUSG0000083167	11.31922962	9.738641413	8.473812573	2.416373016	8.594335036
ENSMUSG0000083168	9.904325918	6.260555194	8.473812573	6.443661377	7.161945863
ENSMUSG0000083169	11.31922962	5.56493795	7.767661525	11.27640741	8.594335036
ENSMUSG0000083170	9.904325918	6.260555194	5.649208382	8.860034393	11.45911338
ENSMUSG0000083171	10.61177777	9.043024169	3.530755239	6.443661377	7.161945863
ENSMUSG0000083172	9.196874066	14.60796212	4.943057334	11.27640741	7.161945863
ENSMUSG0000083173	7.781970364	9.738641413	7.061510478	7.249119049	12.17530797
ENSMUSG0000083174	4.952162959	4.869320706	2.118453143	1.610915344	2.864778345
ENSMUSG0000083175	10.61177777	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG0000083176	0	0	0	1.610915344	0
ENSMUSG0000083177	7.781970364	3.478086219	3.530755239	0	3.580972932
ENSMUSG0000083178	16.97884443	21.56413456	16.94762515	16.10915344	11.45911338
ENSMUSG0000083179	13.44158517	6.956172438	5.649208382	4.832746033	8.594335036
ENSMUSG0000083180	6.367066661	4.869320706	7.767661525	4.02728836	2.864778345
ENSMUSG0000083181	6.367066661	6.956172438	9.886114669	6.443661377	6.445751277
ENSMUSG0000083182	9.904325918	9.738641413	7.767661525	11.27640741	10.02672421
ENSMUSG0000083183	6.367066661	4.173703463	12.00456781	4.832746033	7.161945863
ENSMUSG0000083184	13.44158517	10.43425866	9.886114669	7.249119049	10.02672421
ENSMUSG0000083185	8.489422215	8.347406925	9.179963621	3.221830688	1.432389173
ENSMUSG0000083186	333.9172738	379.8070151	285.9911743	248.8864207	164.7247549
ENSMUSG0000083188	9.196874066	6.956172438	4.943057334	6.443661377	3.580972932
ENSMUSG0000083190	14.85648888	10.43425866	9.886114669	7.249119049	11.45911338
ENSMUSG0000083191	9.904325918	6.956172438	5.649208382	9.665492065	10.7429188
ENSMUSG0000083192	11.31922962	9.738641413	5.649208382	9.665492065	7.87814045
ENSMUSG0000083195	11.31922962	9.043024169	7.061510478	6.443661377	6.445751277
ENSMUSG0000083196	14.85648888	9.043024169	9.179963621	5.638203705	5.729556691
ENSMUSG0000083197	9.904325918	5.56493795	7.061510478	4.832746033	4.297167518
ENSMUSG0000083199	9.196874066	5.56493795	3.530755239	5.638203705	6.445751277
ENSMUSG0000083200	4.244711108	6.956172438	11.29841676	7.249119049	3.580972932
ENSMUSG0000083201	9.196874066	4.869320706	11.29841676	4.832746033	7.87814045
ENSMUSG0000083202	12.73413332	9.738641413	5.649208382	7.249119049	7.161945863
ENSMUSG0000083203	8.489422215	2.782468975	3.530755239	8.054576721	6.445751277
ENSMUSG0000083204	10.61177777	5.56493795	7.767661525	9.665492065	11.45911338

ENSMUSG0000083205	7.074518513	4.173703463	2.824604191	3.221830688	5.013362104
ENSMUSG0000083206	7.781970364	6.956172438	8.473812573	6.443661377	10.7429188
ENSMUSG0000083207	4.952162959	9.043024169	13.41686991	12.88732275	10.02672421
ENSMUSG0000083208	72.86754068	135.6453625	115.8087718	85.37851324	85.22715578
ENSMUSG0000083209	137.2456591	202.4246179	170.8885536	200.5589604	141.0903335
ENSMUSG0000083210	60.13340736	68.86610713	58.61053696	32.21830688	45.12025894
ENSMUSG0000083211	9.196874066	7.651789682	9.886114669	7.249119049	7.161945863
ENSMUSG0000083212	10.61177777	7.651789682	7.061510478	9.665492065	9.310529622
ENSMUSG0000083213	8.489422215	4.173703463	4.943057334	1.610915344	6.445751277
ENSMUSG0000083214	8.489422215	7.651789682	9.179963621	6.443661377	2.148583759
ENSMUSG0000083215	0	0	0	0	0
ENSMUSG0000083216	7.781970364	9.043024169	8.473812573	4.832746033	5.729556691
ENSMUSG0000083218	7.074518513	6.260555194	4.236906287	4.832746033	7.87814045
ENSMUSG0000083219	4.244711108	2.086851731	2.824604191	4.02728836	1.432389173
ENSMUSG0000083220	8.489422215	6.956172438	5.649208382	8.054576721	8.594335036
ENSMUSG0000083221	8.489422215	8.347406925	6.35535943	6.443661377	6.445751277
ENSMUSG0000083222	12.73413332	11.1298759	14.829172	11.27640741	10.02672421
ENSMUSG0000083223	6.367066661	5.56493795	3.530755239	4.02728836	2.864778345
ENSMUSG0000083224	7.781970364	7.651789682	7.061510478	4.02728836	2.864778345
ENSMUSG0000083225	4.952162959	3.478086219	2.824604191	1.610915344	0
ENSMUSG0000083226	7.781970364	6.260555194	7.061510478	10.47094974	7.87814045
ENSMUSG0000083227	9.904325918	6.260555194	7.061510478	6.443661377	10.7429188
ENSMUSG0000083228	9.196874066	4.869320706	6.35535943	4.02728836	6.445751277
ENSMUSG0000083229	3.537259256	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG0000083230	9.904325918	4.869320706	5.649208382	5.638203705	8.594335036
ENSMUSG0000083231	3.537259256	9.043024169	5.649208382	3.221830688	6.445751277
ENSMUSG0000083232	12.73413332	7.651789682	6.35535943	4.832746033	5.013362104
ENSMUSG0000083233	13.44158517	17.39043109	14.12302096	16.10915344	13.60769714
ENSMUSG0000083234	7.781970364	6.956172438	7.061510478	8.860034393	8.594335036
ENSMUSG0000083235	31.83533331	27.12907251	28.95219296	20.94189947	28.64778345
ENSMUSG0000083236	4.952162959	1.391234488	2.824604191	3.221830688	4.297167518
ENSMUSG0000083237	10.61177777	10.43425866	10.59226572	7.249119049	6.445751277
ENSMUSG0000083238	6.367066661	9.738641413	7.061510478	7.249119049	5.729556691
ENSMUSG0000083239	9.196874066	6.260555194	5.649208382	6.443661377	5.013362104
ENSMUSG0000083240	5.65961481	4.869320706	9.179963621	7.249119049	5.729556691
ENSMUSG0000083241	8.489422215	5.56493795	9.179963621	5.638203705	11.45911338
ENSMUSG0000083242	9.904325918	4.869320706	7.767661525	4.832746033	7.87814045
ENSMUSG0000083243	2.122355554	6.956172438	5.649208382	3.221830688	0.716194586
ENSMUSG0000083244	18.39374813	34.08524495	26.12758877	11.27640741	14.32389173
ENSMUSG0000083245	7.074518513	8.347406925	8.473812573	9.665492065	7.87814045
ENSMUSG0000083246	7.781970364	7.651789682	10.59226572	10.47094974	13.60769714
ENSMUSG0000083248	7.074518513	7.651789682	7.061510478	5.638203705	10.02672421
ENSMUSG0000083249	7.781970364	4.869320706	8.473812573	4.02728836	4.297167518

ENSMUSG0000083250	5.65961481	5.56493795	4.943057334	0.805457672	2.864778345
ENSMUSG0000083251	8.489422215	4.869320706	7.061510478	7.249119049	10.02672421
ENSMUSG0000083252	7.074518513	7.651789682	10.59226572	8.860034393	5.013362104
ENSMUSG0000083253	2.122355554	4.173703463	1.412302096	4.02728836	1.432389173
ENSMUSG0000083254	11.31922962	9.738641413	9.179963621	6.443661377	6.445751277
ENSMUSG0000083255	8.489422215	10.43425866	12.00456781	3.221830688	12.89150255
ENSMUSG0000083256	4.952162959	2.782468975	3.530755239	1.610915344	5.013362104
ENSMUSG0000083257	11.31922962	7.651789682	7.767661525	2.416373016	5.013362104
ENSMUSG0000083258	4.244711108	9.043024169	4.943057334	5.638203705	5.013362104
ENSMUSG0000083260	10.61177777	5.56493795	9.179963621	3.221830688	2.864778345
ENSMUSG0000083261	18.39374813	12.52111039	13.41686991	21.74735715	25.06681052
ENSMUSG0000083262	3.537259256	3.478086219	1.412302096	3.221830688	0.716194586
ENSMUSG0000083263	2.829807405	3.478086219	7.061510478	1.610915344	4.297167518
ENSMUSG0000083264	13.44158517	18.78166558	12.71071886	12.88732275	23.63442135
ENSMUSG0000083266	16.97884443	15.30357936	14.12302096	6.443661377	17.18867007
ENSMUSG0000083267	10.61177777	4.869320706	5.649208382	5.638203705	5.729556691
ENSMUSG0000083268	6.367066661	11.82549314	12.71071886	6.443661377	11.45911338
ENSMUSG0000083269	9.196874066	9.043024169	4.943057334	5.638203705	5.013362104
ENSMUSG0000083270	8.489422215	6.956172438	7.767661525	4.02728836	7.87814045
ENSMUSG0000083271	10.61177777	5.56493795	7.061510478	4.02728836	5.013362104
ENSMUSG0000083272	7.781970364	5.56493795	8.473812573	8.860034393	4.297167518
ENSMUSG0000083274	7.074518513	4.869320706	8.473812573	4.02728836	8.594335036
ENSMUSG0000083275	4.952162959	3.478086219	4.943057334	0.805457672	2.864778345
ENSMUSG0000083276	9.904325918	10.43425866	8.473812573	4.832746033	9.310529622
ENSMUSG0000083277	12.02668147	9.043024169	5.649208382	8.860034393	15.04008631
ENSMUSG0000083278	5.65961481	5.56493795	4.236906287	3.221830688	5.013362104
ENSMUSG0000083279	2.122355554	3.478086219	3.530755239	1.610915344	0.716194586
ENSMUSG0000083280	12.73413332	9.043024169	6.35535943	8.054576721	7.161945863
ENSMUSG0000083281	4.244711108	6.956172438	7.061510478	3.221830688	7.161945863
ENSMUSG0000083283	2.829807405	4.869320706	7.767661525	5.638203705	5.013362104
ENSMUSG0000083284	15.56394073	9.043024169	8.473812573	5.638203705	5.013362104
ENSMUSG0000083285	8.489422215	4.869320706	6.35535943	8.054576721	6.445751277
ENSMUSG0000083287	7.074518513	9.738641413	7.767661525	13.69278043	9.310529622
ENSMUSG0000083288	4.952162959	4.173703463	7.767661525	3.221830688	5.013362104
ENSMUSG0000083289	8.489422215	8.347406925	10.59226572	2.416373016	4.297167518
ENSMUSG0000083290	4.244711108	2.782468975	4.943057334	4.832746033	4.297167518
ENSMUSG0000083291	7.781970364	6.260555194	9.179963621	5.638203705	7.87814045
ENSMUSG0000083292	7.074518513	6.956172438	7.767661525	10.47094974	4.297167518
ENSMUSG0000083293	11.31922962	8.347406925	11.29841676	8.054576721	8.594335036
ENSMUSG0000083294	3.537259256	3.478086219	3.530755239	3.221830688	2.148583759
ENSMUSG0000083296	11.31922962	8.347406925	10.59226572	4.02728836	7.87814045
ENSMUSG0000083297	7.781970364	4.173703463	7.061510478	4.02728836	5.013362104
ENSMUSG0000083298	9.904325918	9.043024169	4.943057334	4.832746033	4.297167518

ENSMUSG0000083299	5.65961481	4.173703463	6.35535943	3.221830688	7.87814045
ENSMUSG0000083300	4.244711108	6.260555194	2.824604191	4.832746033	7.87814045
ENSMUSG0000083303	4.244711108	8.347406925	5.649208382	5.638203705	12.89150255
ENSMUSG0000083304	18.39374813	10.43425866	12.00456781	7.249119049	11.45911338
ENSMUSG0000083305	8.489422215	4.173703463	11.29841676	7.249119049	5.013362104
ENSMUSG0000083306	34.66514071	54.95376226	37.42600553	45.91108731	50.84981563
ENSMUSG0000083307	6.367066661	6.260555194	5.649208382	5.638203705	5.013362104
ENSMUSG0000083309	6.367066661	6.956172438	9.179963621	10.47094974	5.729556691
ENSMUSG0000083310	3.537259256	6.260555194	4.236906287	2.416373016	4.297167518
ENSMUSG0000083311	8.489422215	11.1298759	13.41686991	18.52552646	12.89150255
ENSMUSG0000083312	9.904325918	11.1298759	9.179963621	6.443661377	5.013362104
ENSMUSG0000083314	49.52162959	54.25814501	57.19823487	45.10562964	55.86317773
ENSMUSG0000083315	9.904325918	11.1298759	11.29841676	2.416373016	5.729556691
ENSMUSG0000083316	6.367066661	2.086851731	7.061510478	8.054576721	5.013362104
ENSMUSG0000083317	9.904325918	6.956172438	9.886114669	5.638203705	7.87814045
ENSMUSG0000083318	7.781970364	4.173703463	3.530755239	2.416373016	5.013362104
ENSMUSG0000083319	12.73413332	6.260555194	7.767661525	7.249119049	6.445751277
ENSMUSG0000083320	9.196874066	5.56493795	7.061510478	3.221830688	10.02672421
ENSMUSG0000083321	2.829807405	6.260555194	3.530755239	1.610915344	5.013362104
ENSMUSG0000083324	6.367066661	2.782468975	3.530755239	3.221830688	3.580972932
ENSMUSG0000083325	11.31922962	11.1298759	15.53532305	8.054576721	8.594335036
ENSMUSG0000083326	7.781970364	4.869320706	4.236906287	7.249119049	10.7429188
ENSMUSG0000083327	38.90985182	73.0398106	69.90895373	48.32746033	63.0251236
ENSMUSG0000083328	11.31922962	10.43425866	9.886114669	5.638203705	10.7429188
ENSMUSG0000083329	8.489422215	8.347406925	4.943057334	5.638203705	6.445751277
ENSMUSG0000083330	9.904325918	4.173703463	4.943057334	4.832746033	8.594335036
ENSMUSG0000083331	9.904325918	4.869320706	12.00456781	9.665492065	5.013362104
ENSMUSG0000083332	4.244711108	7.651789682	9.179963621	2.416373016	7.87814045
ENSMUSG0000083333	4.952162959	4.173703463	3.530755239	3.221830688	2.864778345
ENSMUSG0000083334	9.196874066	2.086851731	8.473812573	4.02728836	3.580972932
ENSMUSG0000083335	2.829807405	3.478086219	3.530755239	4.02728836	4.297167518
ENSMUSG0000083336	7.074518513	11.1298759	4.943057334	6.443661377	8.594335036
ENSMUSG0000083337	4.952162959	4.869320706	6.35535943	8.054576721	7.87814045
ENSMUSG0000083338	10.61177777	6.260555194	7.767661525	4.02728836	9.310529622
ENSMUSG0000083339	154.9319554	207.9895559	204.7838039	248.8864207	210.5612084
ENSMUSG0000083340	14.85648888	22.2597518	30.36449505	28.19101852	24.35061594
ENSMUSG0000083341	7.781970364	10.43425866	4.236906287	4.832746033	10.02672421
ENSMUSG0000083342	9.904325918	9.043024169	5.649208382	10.47094974	7.87814045
ENSMUSG0000083343	5.65961481	2.086851731	2.824604191	6.443661377	0.716194586
ENSMUSG0000083344	11.31922962	5.56493795	7.061510478	8.054576721	13.60769714
ENSMUSG0000083345	4.952162959	4.173703463	2.824604191	1.610915344	1.432389173
ENSMUSG0000083346	3.537259256	1.391234488	7.061510478	2.416373016	3.580972932
ENSMUSG0000083347	9.196874066	10.43425866	8.473812573	4.832746033	7.161945863

ENSMUSG0000083348	7.781970364	8.347406925	7.061510478	5.638203705	7.87814045
ENSMUSG0000083350	4.952162959	6.260555194	4.943057334	3.221830688	4.297167518
ENSMUSG0000083351	5.65961481	3.478086219	7.061510478	4.02728836	4.297167518
ENSMUSG0000083352	4.244711108	1.391234488	2.824604191	1.610915344	2.148583759
ENSMUSG0000083353	14.14903703	9.043024169	6.35535943	6.443661377	12.17530797
ENSMUSG0000083355	8.489422215	6.260555194	9.179963621	2.416373016	8.594335036
ENSMUSG0000083356	8.489422215	9.738641413	7.061510478	4.832746033	8.594335036
ENSMUSG0000083358	9.196874066	6.956172438	7.061510478	3.221830688	6.445751277
ENSMUSG0000083359	12.02668147	12.52111039	10.59226572	8.054576721	13.60769714
ENSMUSG0000083360	12.73413332	6.956172438	10.59226572	5.638203705	8.594335036
ENSMUSG0000083362	6.367066661	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG0000083363	13.44158517	7.651789682	9.886114669	7.249119049	8.594335036
ENSMUSG0000083364	4.244711108	4.173703463	5.649208382	11.27640741	9.310529622
ENSMUSG0000083365	22.63845924	12.52111039	9.886114669	12.08186508	15.04008631
ENSMUSG0000083366	2.122355554	1.391234488	2.824604191	0.805457672	6.445751277
ENSMUSG0000083367	4.952162959	4.173703463	2.824604191	1.610915344	4.297167518
ENSMUSG0000083368	5.65961481	9.738641413	8.473812573	8.054576721	7.161945863
ENSMUSG0000083369	11.31922962	9.738641413	7.061510478	7.249119049	8.594335036
ENSMUSG0000083371	7.781970364	10.43425866	3.530755239	4.832746033	4.297167518
ENSMUSG0000083372	10.61177777	7.651789682	10.59226572	6.443661377	7.161945863
ENSMUSG0000083373	9.904325918	8.347406925	10.59226572	6.443661377	7.87814045
ENSMUSG0000083374	9.904325918	10.43425866	10.59226572	4.02728836	8.594335036
ENSMUSG0000083375	5.65961481	4.173703463	2.118453143	0.805457672	3.580972932
ENSMUSG0000083376	6.367066661	4.173703463	9.886114669	2.416373016	8.594335036
ENSMUSG0000083377	13.44158517	6.956172438	4.943057334	6.443661377	5.013362104
ENSMUSG0000083378	10.61177777	8.347406925	6.35535943	4.832746033	5.013362104
ENSMUSG0000083379	4.952162959	8.347406925	3.530755239	4.02728836	2.864778345
ENSMUSG0000083380	12.02668147	7.651789682	7.061510478	7.249119049	6.445751277
ENSMUSG0000083381	7.781970364	9.738641413	10.59226572	6.443661377	6.445751277
ENSMUSG0000083382	8.489422215	4.173703463	8.473812573	6.443661377	14.32389173
ENSMUSG0000083383	5.65961481	6.956172438	8.473812573	4.832746033	7.87814045
ENSMUSG0000083384	7.074518513	7.651789682	9.179963621	4.832746033	3.580972932
ENSMUSG0000083385	9.904325918	8.347406925	8.473812573	3.221830688	2.864778345
ENSMUSG0000083386	16.27139258	6.956172438	3.530755239	4.02728836	5.729556691
ENSMUSG0000083387	8.489422215	7.651789682	9.886114669	5.638203705	5.729556691
ENSMUSG0000083388	10.61177777	2.782468975	11.29841676	4.02728836	7.87814045
ENSMUSG0000083389	3.537259256	6.956172438	7.767661525	7.249119049	10.02672421
ENSMUSG0000083390	12.02668147	7.651789682	6.35535943	5.638203705	5.729556691
ENSMUSG0000083391	7.781970364	9.738641413	11.29841676	8.054576721	6.445751277
ENSMUSG0000083392	7.074518513	4.869320706	12.00456781	12.88732275	3.580972932
ENSMUSG0000083393	3.537259256	4.173703463	3.530755239	2.416373016	5.013362104
ENSMUSG0000083394	12.73413332	13.91234488	11.29841676	9.665492065	15.7562809
ENSMUSG0000083395	9.904325918	11.1298759	9.179963621	7.249119049	7.161945863



ENSMUSG0000083396	21.22355554	27.82468975	18.35992724	33.02376456	31.5125618
ENSMUSG0000083397	7.074518513	6.260555194	7.061510478	7.249119049	12.89150255
ENSMUSG0000083398	8.489422215	4.173703463	9.886114669	3.221830688	5.013362104
ENSMUSG0000083399	5.65961481	3.478086219	4.943057334	2.416373016	2.864778345
ENSMUSG0000083400	13.44158517	6.260555194	13.41686991	9.665492065	5.729556691
ENSMUSG0000083401	3.537259256	6.956172438	6.35535943	7.249119049	8.594335036
ENSMUSG0000083402	0	0	0	0	0
ENSMUSG0000083403	12.02668147	3.478086219	7.061510478	5.638203705	7.161945863
ENSMUSG0000083404	14.85648888	7.651789682	10.59226572	9.665492065	7.87814045
ENSMUSG0000083405	18.39374813	32.69401046	31.77679715	45.10562964	42.97167518
ENSMUSG0000083406	7.781970364	0	2.118453143	0	2.864778345
ENSMUSG0000083407	9.904325918	7.651789682	7.767661525	6.443661377	7.87814045
ENSMUSG0000083409	5.65961481	7.651789682	8.473812573	4.02728836	5.013362104
ENSMUSG0000083410	11.31922962	13.21672763	18.35992724	12.08186508	14.32389173
ENSMUSG0000083411	13.44158517	6.260555194	8.473812573	5.638203705	7.161945863
ENSMUSG0000083412	8.489422215	4.869320706	9.179963621	4.02728836	8.594335036
ENSMUSG0000083413	6.367066661	4.173703463	5.649208382	2.416373016	8.594335036
ENSMUSG0000083414	2.829807405	3.478086219	3.530755239	1.610915344	4.297167518
ENSMUSG0000083415	5.65961481	3.478086219	0.706151048	1.610915344	5.013362104
ENSMUSG0000083416	0	0.695617244	0	0.805457672	0.716194586
ENSMUSG0000083417	11.31922962	7.651789682	9.179963621	4.832746033	8.594335036
ENSMUSG0000083418	11.31922962	13.21672763	9.886114669	5.638203705	7.87814045
ENSMUSG0000083419	4.952162959	2.782468975	3.530755239	2.416373016	4.297167518
ENSMUSG0000083420	9.196874066	4.869320706	4.943057334	7.249119049	7.87814045
ENSMUSG0000083421	3.537259256	10.43425866	6.35535943	5.638203705	4.297167518
ENSMUSG0000083422	0	0	0	0	0.716194586
ENSMUSG0000083423	7.781970364	8.347406925	5.649208382	3.221830688	6.445751277
ENSMUSG0000083424	7.074518513	7.651789682	10.59226572	9.665492065	7.161945863
ENSMUSG0000083425	8.489422215	5.56493795	10.59226572	2.416373016	7.87814045
ENSMUSG0000083427	8.489422215	4.173703463	8.473812573	7.249119049	6.445751277
ENSMUSG0000083428	2.122355554	4.173703463	4.236906287	2.416373016	2.148583759
ENSMUSG0000083429	7.074518513	15.99919661	10.59226572	9.665492065	12.89150255
ENSMUSG0000083430	54.47379255	75.82227957	60.02283906	19.33098413	35.09353473
ENSMUSG0000083431	6.367066661	7.651789682	4.236906287	5.638203705	5.013362104
ENSMUSG0000083432	0	0.695617244	0	0	0
ENSMUSG0000083433	7.781970364	5.56493795	6.35535943	8.054576721	5.729556691
ENSMUSG0000083434	13.44158517	6.260555194	9.179963621	11.27640741	9.310529622
ENSMUSG0000083435	77.81970364	116.863697	105.2165061	69.2693598	85.94335036
ENSMUSG0000083436	7.781970364	6.956172438	9.886114669	8.860034393	9.310529622
ENSMUSG0000083437	11.31922962	8.347406925	6.35535943	3.221830688	2.148583759
ENSMUSG0000083438	6.367066661	3.478086219	4.236906287	4.02728836	3.580972932
ENSMUSG0000083439	3.537259256	3.478086219	6.35535943	0.805457672	3.580972932
ENSMUSG0000083440	0.707451851	0	0	0	0.716194586

ENSMUSG0000083441	4.244711108	5.56493795	8.473812573	8.054576721	7.161945863
ENSMUSG0000083442	6.367066661	7.651789682	6.35535943	9.665492065	6.445751277
ENSMUSG0000083443	8.489422215	11.82549314	5.649208382	9.665492065	10.02672421
ENSMUSG0000083444	4.244711108	4.173703463	6.35535943	1.610915344	3.580972932
ENSMUSG0000083445	8.489422215	12.52111039	11.29841676	12.88732275	11.45911338
ENSMUSG0000083446	7.074518513	6.260555194	6.35535943	2.416373016	8.594335036
ENSMUSG0000083447	9.196874066	4.869320706	5.649208382	4.02728836	4.297167518
ENSMUSG0000083448	3.537259256	4.173703463	2.118453143	1.610915344	2.864778345
ENSMUSG0000083449	0	2.086851731	3.530755239	0.805457672	2.864778345
ENSMUSG0000083450	6.367066661	6.956172438	4.236906287	1.610915344	5.729556691
ENSMUSG0000083451	11.31922962	2.086851731	3.530755239	6.443661377	5.729556691
ENSMUSG0000083452	4.244711108	1.391234488	2.824604191	0	1.432389173
ENSMUSG0000083453	2.829807405	6.260555194	7.061510478	7.249119049	7.87814045
ENSMUSG0000083454	12.73413332	11.82549314	12.71071886	8.860034393	9.310529622
ENSMUSG0000083455	4.244711108	9.043024169	9.179963621	5.638203705	4.297167518
ENSMUSG0000083456	13.44158517	9.738641413	4.943057334	4.832746033	7.161945863
ENSMUSG0000083457	15.56394073	2.782468975	7.767661525	7.249119049	5.013362104
ENSMUSG0000083458	7.074518513	7.651789682	9.886114669	9.665492065	7.161945863
ENSMUSG0000083460	12.02668147	2.782468975	3.530755239	4.832746033	9.310529622
ENSMUSG0000083461	5.65961481	14.60796212	8.473812573	5.638203705	6.445751277
ENSMUSG0000083462	5.65961481	7.651789682	7.767661525	4.02728836	10.7429188
ENSMUSG0000083463	5.65961481	2.782468975	4.236906287	2.416373016	2.864778345
ENSMUSG0000083465	5.65961481	4.869320706	6.35535943	6.443661377	6.445751277
ENSMUSG0000083466	4.952162959	2.086851731	9.886114669	6.443661377	6.445751277
ENSMUSG0000083467	9.196874066	15.30357936	4.236906287	8.054576721	3.580972932
ENSMUSG0000083468	5.65961481	4.869320706	7.061510478	5.638203705	5.013362104
ENSMUSG0000083469	8.489422215	10.43425866	5.649208382	2.416373016	4.297167518
ENSMUSG0000083470	6.367066661	4.173703463	4.943057334	0.805457672	4.297167518
ENSMUSG0000083471	8.489422215	6.956172438	4.943057334	5.638203705	5.013362104
ENSMUSG0000083472	9.196874066	5.56493795	4.943057334	8.860034393	10.02672421
ENSMUSG0000083473	30.4204296	47.99758982	38.13215658	35.44013757	42.97167518
ENSMUSG0000083474	11.31922962	13.21672763	12.00456781	16.91461111	12.17530797
ENSMUSG0000083475	7.781970364	6.260555194	4.943057334	4.02728836	3.580972932
ENSMUSG0000083477	7.781970364	6.956172438	9.886114669	8.860034393	12.17530797
ENSMUSG0000083478	4.952162959	5.56493795	4.943057334	2.416373016	4.297167518
ENSMUSG0000083479	5.65961481	7.651789682	9.886114669	8.054576721	2.864778345
ENSMUSG0000083481	6.367066661	4.869320706	9.179963621	6.443661377	5.013362104
ENSMUSG0000083482	3.537259256	4.869320706	2.824604191	1.610915344	4.297167518
ENSMUSG0000083483	9.904325918	6.956172438	6.35535943	6.443661377	7.161945863
ENSMUSG0000083484	3.537259256	4.173703463	4.943057334	5.638203705	7.87814045
ENSMUSG0000083485	0.707451851	0.695617244	0.706151048	2.416373016	0.716194586
ENSMUSG0000083486	4.244711108	3.478086219	2.118453143	4.832746033	2.148583759
ENSMUSG0000083487	8.489422215	3.478086219	6.35535943	7.249119049	9.310529622

ENSMUSG0000083488	6.367066661	5.56493795	0.706151048	1.610915344	5.013362104
ENSMUSG0000083489	8.489422215	8.347406925	9.886114669	5.638203705	5.013362104
ENSMUSG0000083490	2.122355554	0.695617244	3.530755239	3.221830688	2.148583759
ENSMUSG0000083491	7.781970364	3.478086219	7.061510478	4.02728836	10.02672421
ENSMUSG0000083492	3.537259256	2.086851731	2.118453143	4.02728836	2.864778345
ENSMUSG0000083493	2.829807405	2.086851731	2.824604191	1.610915344	1.432389173
ENSMUSG0000083494	14.85648888	5.56493795	5.649208382	6.443661377	7.87814045
ENSMUSG0000083495	10.61177777	8.347406925	8.473812573	4.02728836	7.87814045
ENSMUSG0000083496	8.489422215	14.60796212	14.829172	9.665492065	10.7429188
ENSMUSG0000083498	9.904325918	7.651789682	4.236906287	10.47094974	7.161945863
ENSMUSG0000083499	8.489422215	5.56493795	3.530755239	2.416373016	4.297167518
ENSMUSG0000083500	25.46826665	38.25894841	32.4829482	20.94189947	27.21539428
ENSMUSG0000083501	4.952162959	6.260555194	3.530755239	6.443661377	4.297167518
ENSMUSG0000083502	4.952162959	1.391234488	4.236906287	0.805457672	2.148583759
ENSMUSG0000083503	61.54831106	86.25653823	79.7950684	65.24207144	88.80812871
ENSMUSG0000083504	5.65961481	5.56493795	9.179963621	1.610915344	4.297167518
ENSMUSG0000083505	0.707451851	0	1.412302096	0.805457672	0
ENSMUSG0000083507	9.196874066	4.173703463	6.35535943	4.832746033	9.310529622
ENSMUSG0000083508	1.414903703	4.173703463	9.886114669	4.02728836	2.148583759
ENSMUSG0000083509	8.489422215	6.956172438	7.061510478	4.02728836	7.161945863
ENSMUSG0000083510	7.781970364	11.82549314	5.649208382	6.443661377	9.310529622
ENSMUSG0000083512	9.904325918	12.52111039	10.59226572	7.249119049	13.60769714
ENSMUSG0000083513	7.074518513	8.347406925	4.943057334	7.249119049	5.013362104
ENSMUSG0000083514	5.65961481	3.478086219	9.179963621	5.638203705	7.87814045
ENSMUSG0000083515	2.829807405	3.478086219	4.236906287	3.221830688	5.013362104
ENSMUSG0000083516	7.781970364	2.086851731	6.35535943	0.805457672	2.148583759
ENSMUSG0000083517	3.537259256	3.478086219	5.649208382	4.832746033	5.013362104
ENSMUSG0000083518	2.122355554	4.869320706	3.530755239	4.02728836	6.445751277
ENSMUSG0000083519	12.02668147	11.1298759	6.35535943	3.221830688	3.580972932
ENSMUSG0000083520	3.537259256	4.173703463	2.118453143	1.610915344	3.580972932
ENSMUSG0000083521	7.781970364	8.347406925	9.179963621	4.832746033	7.87814045
ENSMUSG0000083522	4.952162959	6.260555194	11.29841676	10.47094974	7.87814045
ENSMUSG0000083524	12.73413332	6.260555194	8.473812573	8.860034393	10.02672421
ENSMUSG0000083527	14.14903703	7.651789682	8.473812573	3.221830688	9.310529622
ENSMUSG0000083528	18.39374813	24.34660353	16.2414741	12.08186508	11.45911338
ENSMUSG0000083529	6.367066661	5.56493795	4.236906287	6.443661377	7.161945863
ENSMUSG0000083530	10.61177777	6.260555194	7.061510478	4.02728836	9.310529622
ENSMUSG0000083533	12.02668147	17.39043109	13.41686991	41.07834128	40.10689684
ENSMUSG0000083534	9.196874066	6.260555194	4.236906287	4.832746033	7.161945863
ENSMUSG0000083535	9.196874066	2.086851731	4.943057334	1.610915344	3.580972932
ENSMUSG0000083536	10.61177777	5.56493795	9.886114669	5.638203705	6.445751277
ENSMUSG0000083537	10.61177777	5.56493795	3.530755239	2.416373016	6.445751277
ENSMUSG0000083538	6.367066661	6.956172438	10.59226572	9.665492065	11.45911338

ENSMUSG0000083539	1.414903703	0.695617244	2.118453143	0	0.716194586
ENSMUSG0000083541	8.489422215	10.43425866	7.767661525	4.832746033	8.594335036
ENSMUSG0000083542	8.489422215	4.869320706	9.179963621	5.638203705	10.02672421
ENSMUSG0000083543	1.414903703	4.173703463	6.35535943	4.02728836	2.864778345
ENSMUSG0000083544	2.829807405	4.173703463	2.118453143	4.832746033	2.148583759
ENSMUSG0000083545	6.367066661	8.347406925	12.71071886	8.054576721	6.445751277
ENSMUSG0000083546	8.489422215	7.651789682	6.35535943	4.832746033	10.02672421
ENSMUSG0000083547	4.244711108	6.260555194	4.943057334	7.249119049	5.013362104
ENSMUSG0000083548	16.97884443	13.21672763	9.179963621	13.69278043	12.89150255
ENSMUSG0000083549	9.904325918	8.347406925	7.767661525	5.638203705	7.161945863
ENSMUSG0000083550	9.196874066	10.43425866	4.943057334	6.443661377	7.161945863
ENSMUSG0000083551	0.707451851	1.391234488	4.236906287	4.02728836	4.297167518
ENSMUSG0000083552	9.196874066	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG0000083553	13.44158517	6.260555194	12.00456781	9.665492065	4.297167518
ENSMUSG0000083554	3.537259256	4.173703463	5.649208382	3.221830688	4.297167518
ENSMUSG0000083555	20.51610369	29.21592424	16.2414741	17.72006879	14.32389173
ENSMUSG0000083556	7.781970364	4.869320706	1.412302096	3.221830688	2.864778345
ENSMUSG0000083557	9.904325918	8.347406925	7.767661525	6.443661377	9.310529622
ENSMUSG0000083558	14.14903703	10.43425866	14.12302096	9.665492065	10.02672421
ENSMUSG0000083560	6.367066661	2.086851731	2.824604191	6.443661377	1.432389173
ENSMUSG0000083561	9.196874066	10.43425866	5.649208382	5.638203705	5.013362104
ENSMUSG0000083562	19.10119998	19.47728283	10.59226572	12.08186508	11.45911338
ENSMUSG0000083563	0	0	0	0	0
ENSMUSG0000083564	11.31922962	11.82549314	10.59226572	13.69278043	14.32389173
ENSMUSG0000083565	9.196874066	2.782468975	4.943057334	3.221830688	7.161945863
ENSMUSG0000083566	2.122355554	6.956172438	5.649208382	2.416373016	7.161945863
ENSMUSG0000083567	11.31922962	6.956172438	7.767661525	8.054576721	7.161945863
ENSMUSG0000083568	9.904325918	6.956172438	5.649208382	5.638203705	10.02672421
ENSMUSG0000083569	7.781970364	9.738641413	7.061510478	5.638203705	13.60769714
ENSMUSG0000083570	1.414903703	1.391234488	2.118453143	0.805457672	2.148583759
ENSMUSG0000083572	8.489422215	8.347406925	3.530755239	4.832746033	5.013362104
ENSMUSG0000083573	4.244711108	6.260555194	8.473812573	4.02728836	2.864778345
ENSMUSG0000083574	9.904325918	4.173703463	12.71071886	8.054576721	5.729556691
ENSMUSG0000083576	5.65961481	2.086851731	5.649208382	4.02728836	0
ENSMUSG0000083577	4.952162959	2.086851731	5.649208382	4.832746033	4.297167518
ENSMUSG0000083578	14.14903703	8.347406925	9.179963621	4.02728836	6.445751277
ENSMUSG0000083579	0.707451851	1.391234488	1.412302096	0.805457672	4.297167518
ENSMUSG0000083580	7.074518513	4.869320706	4.943057334	8.860034393	4.297167518
ENSMUSG0000083581	10.61177777	8.347406925	8.473812573	3.221830688	10.7429188
ENSMUSG0000083582	5.65961481	8.347406925	9.179963621	10.47094974	5.013362104
ENSMUSG0000083584	9.196874066	6.956172438	9.886114669	4.832746033	7.87814045
ENSMUSG0000083585	14.85648888	12.52111039	10.59226572	16.10915344	15.7562809
ENSMUSG0000083586	8.489422215	8.347406925	6.35535943	3.221830688	5.729556691

ENSMUSG00000083587	4.244711108	6.260555194	5.649208382	2.416373016	2.148583759
ENSMUSG00000083588	5.65961481	8.347406925	9.886114669	8.860034393	4.297167518
ENSMUSG00000083589	7.781970364	7.651789682	12.00456781	4.832746033	5.013362104
ENSMUSG00000083590	4.952162959	7.651789682	14.12302096	4.02728836	4.297167518
ENSMUSG00000083592	16.27139258	3.478086219	6.35535943	6.443661377	7.161945863
ENSMUSG00000083594	12.02668147	4.173703463	9.886114669	6.443661377	6.445751277
ENSMUSG00000083595	4.952162959	4.173703463	4.236906287	1.610915344	5.729556691
ENSMUSG00000083596	9.196874066	6.956172438	13.41686991	4.02728836	5.013362104
ENSMUSG00000083597	6.367066661	5.56493795	2.118453143	3.221830688	5.013362104
ENSMUSG00000083598	5.65961481	4.869320706	4.943057334	1.610915344	3.580972932
ENSMUSG00000083599	13.44158517	4.869320706	5.649208382	4.02728836	7.87814045
ENSMUSG00000083601	8.489422215	6.260555194	4.943057334	6.443661377	2.864778345
ENSMUSG00000083602	3.537259256	5.56493795	3.530755239	2.416373016	2.148583759
ENSMUSG00000083603	3.537259256	3.478086219	6.35535943	5.638203705	2.148583759
ENSMUSG00000083605	5.65961481	4.869320706	2.118453143	2.416373016	2.864778345
ENSMUSG00000083606	7.781970364	9.043024169	9.179963621	8.054576721	8.594335036
ENSMUSG00000083607	3.537259256	2.782468975	1.412302096	4.02728836	2.864778345
ENSMUSG00000083608	2.122355554	4.173703463	5.649208382	2.416373016	1.432389173
ENSMUSG00000083609	29.71297775	42.43265187	43.07521391	14.4982381	32.94495097
ENSMUSG00000083610	11.31922962	14.60796212	12.00456781	13.69278043	11.45911338
ENSMUSG00000083611	5.65961481	5.56493795	4.236906287	3.221830688	4.297167518
ENSMUSG00000083613	3.537259256	6.260555194	5.649208382	4.832746033	7.87814045
ENSMUSG00000083614	10.61177777	16.69481385	12.00456781	8.054576721	10.7429188
ENSMUSG00000083615	9.904325918	7.651789682	10.59226572	7.249119049	8.594335036
ENSMUSG00000083616	4.244711108	2.782468975	6.35535943	3.221830688	3.580972932
ENSMUSG00000083617	2.122355554	4.869320706	4.236906287	3.221830688	5.729556691
ENSMUSG00000083618	6.367066661	4.173703463	3.530755239	4.02728836	7.161945863
ENSMUSG00000083619	13.44158517	8.347406925	8.473812573	7.249119049	6.445751277
ENSMUSG00000083620	10.61177777	10.43425866	6.35535943	4.02728836	5.729556691
ENSMUSG00000083621	2.829807405	9.738641413	9.886114669	11.27640741	10.02672421
ENSMUSG00000083622	4.952162959	7.651789682	2.118453143	8.054576721	7.161945863
ENSMUSG00000083623	8.489422215	7.651789682	7.061510478	8.860034393	7.87814045
ENSMUSG00000083624	5.65961481	5.56493795	8.473812573	4.832746033	7.87814045
ENSMUSG00000083625	2.122355554	4.173703463	5.649208382	5.638203705	1.432389173
ENSMUSG00000083626	11.31922962	10.43425866	12.71071886	12.08186508	7.87814045
ENSMUSG00000083627	4.952162959	7.651789682	8.473812573	4.832746033	4.297167518
ENSMUSG00000083629	10.61177777	8.347406925	6.35535943	4.02728836	6.445751277
ENSMUSG00000083630	10.61177777	13.91234488	14.829172	10.47094974	9.310529622
ENSMUSG00000083631	9.196874066	9.043024169	4.943057334	4.832746033	5.729556691
ENSMUSG00000083632	8.489422215	6.260555194	10.59226572	4.02728836	6.445751277
ENSMUSG00000083633	7.781970364	8.347406925	7.061510478	4.832746033	7.161945863
ENSMUSG00000083635	0.707451851	1.391234488	0	0	0.716194586
ENSMUSG00000083636	6.367066661	9.043024169	7.061510478	4.832746033	4.297167518

ENSMUSG00000083637	4.244711108	4.173703463	4.943057334	0	2.864778345
ENSMUSG00000083640	2.122355554	2.086851731	1.412302096	5.638203705	2.148583759
ENSMUSG00000083641	6.367066661	4.869320706	6.35535943	4.02728836	3.580972932
ENSMUSG00000083642	17.68629628	16.69481385	19.06607829	13.69278043	17.90486466
ENSMUSG00000083643	8.489422215	8.347406925	15.53532305	13.69278043	6.445751277
ENSMUSG00000083644	9.196874066	6.260555194	6.35535943	4.832746033	5.729556691
ENSMUSG00000083645	5.65961481	9.043024169	8.473812573	4.02728836	3.580972932
ENSMUSG00000083646	6.367066661	2.782468975	4.943057334	4.02728836	6.445751277
ENSMUSG00000083648	16.97884443	9.043024169	4.236906287	7.249119049	11.45911338
ENSMUSG00000083650	312.6937183	346.4173874	277.5173618	275.4665239	218.4393488
ENSMUSG00000083651	5.65961481	4.869320706	9.179963621	10.47094974	10.02672421
ENSMUSG00000083653	10.61177777	6.956172438	4.943057334	6.443661377	5.729556691
ENSMUSG00000083654	9.196874066	5.56493795	9.179963621	12.88732275	6.445751277
ENSMUSG00000083655	11.31922962	8.347406925	6.35535943	4.02728836	6.445751277
ENSMUSG00000083657	12.73413332	9.043024169	4.236906287	6.443661377	11.45911338
ENSMUSG00000083658	18.39374813	13.91234488	14.829172	7.249119049	17.18867007
ENSMUSG00000083659	9.904325918	8.347406925	5.649208382	2.416373016	6.445751277
ENSMUSG00000083660	8.489422215	7.651789682	5.649208382	5.638203705	3.580972932
ENSMUSG00000083661	7.781970364	9.043024169	7.767661525	7.249119049	15.04008631
ENSMUSG00000083662	4.952162959	6.260555194	6.35535943	8.054576721	6.445751277
ENSMUSG00000083663	9.904325918	6.260555194	8.473812573	4.832746033	3.580972932
ENSMUSG00000083664	12.02668147	6.956172438	4.943057334	8.054576721	2.864778345
ENSMUSG00000083665	7.074518513	3.478086219	6.35535943	2.416373016	5.013362104
ENSMUSG00000083666	7.781970364	4.869320706	7.061510478	4.832746033	8.594335036
ENSMUSG00000083667	8.489422215	4.173703463	7.767661525	4.02728836	10.7429188
ENSMUSG00000083668	3.537259256	6.260555194	7.061510478	2.416373016	2.148583759
ENSMUSG00000083669	12.02668147	9.738641413	7.061510478	12.88732275	15.04008631
ENSMUSG00000083670	6.367066661	6.260555194	9.886114669	8.054576721	10.02672421
ENSMUSG00000083671	9.196874066	2.782468975	8.473812573	4.02728836	9.310529622
ENSMUSG00000083672	46.69182218	62.60555194	57.90438592	61.21478308	43.68786977
ENSMUSG00000083673	0	0	0	0	0
ENSMUSG00000083674	12.02668147	9.043024169	10.59226572	8.054576721	7.161945863
ENSMUSG00000083676	10.61177777	8.347406925	9.179963621	8.054576721	7.161945863
ENSMUSG00000083677	9.904325918	4.173703463	6.35535943	5.638203705	10.7429188
ENSMUSG00000083678	12.02668147	6.956172438	10.59226572	9.665492065	9.310529622
ENSMUSG00000083679	19.10119998	11.1298759	12.00456781	20.1364418	7.87814045
ENSMUSG00000083680	5.65961481	4.173703463	2.118453143	2.416373016	1.432389173
ENSMUSG00000083681	8.489422215	6.956172438	5.649208382	5.638203705	6.445751277
ENSMUSG00000083682	2.829807405	4.173703463	5.649208382	0.805457672	4.297167518
ENSMUSG00000083683	0	0.695617244	1.412302096	0	0.716194586
ENSMUSG00000083684	7.074518513	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000083685	7.781970364	5.56493795	9.179963621	4.02728836	6.445751277
ENSMUSG00000083686	12.02668147	7.651789682	7.061510478	8.860034393	9.310529622

ENSMUSG0000083687	18.39374813	27.12907251	28.95219296	12.08186508	27.93158887
ENSMUSG0000083688	6.367066661	6.260555194	8.473812573	4.832746033	5.729556691
ENSMUSG0000083689	7.781970364	5.56493795	6.35535943	8.860034393	12.17530797
ENSMUSG0000083691	4.244711108	6.260555194	3.530755239	4.832746033	3.580972932
ENSMUSG0000083692	9.904325918	4.869320706	4.943057334	5.638203705	9.310529622
ENSMUSG0000083693	12.73413332	11.1298759	12.00456781	10.47094974	5.013362104
ENSMUSG0000083697	10.61177777	10.43425866	7.061510478	8.054576721	8.594335036
ENSMUSG0000083698	7.781970364	4.173703463	6.35535943	6.443661377	6.445751277
ENSMUSG0000083699	2.829807405	5.56493795	2.118453143	1.610915344	1.432389173
ENSMUSG0000083700	120.2668147	162.774435	159.5901368	111.1531587	95.97007457
ENSMUSG0000083701	2.829807405	2.782468975	3.530755239	2.416373016	2.148583759
ENSMUSG0000083702	9.196874066	9.043024169	7.767661525	8.860034393	5.729556691
ENSMUSG0000083704	36.08004441	24.34660353	28.24604191	26.58010318	21.48583759
ENSMUSG0000083705	8.489422215	7.651789682	6.35535943	5.638203705	5.013362104
ENSMUSG0000083706	7.781970364	5.56493795	10.59226572	3.221830688	5.729556691
ENSMUSG0000083707	4.244711108	6.956172438	13.41686991	11.27640741	6.445751277
ENSMUSG0000083708	4.952162959	4.173703463	6.35535943	8.860034393	7.161945863
ENSMUSG0000083709	2.122355554	0.695617244	3.530755239	3.221830688	5.013362104
ENSMUSG0000083710	4.244711108	2.086851731	2.824604191	1.610915344	4.297167518
ENSMUSG0000083711	3.537259256	2.086851731	2.824604191	2.416373016	3.580972932
ENSMUSG0000083713	12.02668147	8.347406925	9.179963621	6.443661377	6.445751277
ENSMUSG0000083714	5.65961481	4.869320706	4.236906287	4.02728836	1.432389173
ENSMUSG0000083715	7.074518513	8.347406925	9.179963621	10.47094974	7.87814045
ENSMUSG0000083716	7.074518513	4.173703463	5.649208382	10.47094974	9.310529622
ENSMUSG0000083717	7.074518513	10.43425866	9.179963621	7.249119049	10.7429188
ENSMUSG0000083718	9.196874066	20.86851731	14.829172	8.054576721	13.60769714
ENSMUSG0000083719	7.074518513	4.173703463	4.236906287	107.1258704	86.65954495
ENSMUSG0000083720	8.489422215	5.56493795	3.530755239	8.054576721	8.594335036
ENSMUSG0000083721	4.952162959	4.173703463	4.236906287	1.610915344	7.87814045
ENSMUSG0000083722	1.414903703	2.086851731	2.118453143	0.805457672	3.580972932
ENSMUSG0000083723	10.61177777	6.956172438	6.35535943	6.443661377	5.013362104
ENSMUSG0000083725	10.61177777	4.869320706	6.35535943	2.416373016	6.445751277
ENSMUSG0000083727	8.489422215	9.043024169	8.473812573	8.054576721	12.17530797
ENSMUSG0000083728	9.904325918	17.39043109	14.829172	11.27640741	15.04008631
ENSMUSG0000083729	10.61177777	6.956172438	9.179963621	6.443661377	7.87814045
ENSMUSG0000083731	5.65961481	7.651789682	7.767661525	8.054576721	5.013362104
ENSMUSG0000083732	11.31922962	7.651789682	4.943057334	4.832746033	7.161945863
ENSMUSG0000083733	19.80865184	17.39043109	15.53532305	12.08186508	22.20203218
ENSMUSG0000083734	25.46826665	46.60635533	36.01370344	24.16373016	24.35061594
ENSMUSG0000083735	10.61177777	9.738641413	9.886114669	3.221830688	6.445751277
ENSMUSG0000083736	4.244711108	9.738641413	8.473812573	4.832746033	8.594335036
ENSMUSG0000083737	9.904325918	4.869320706	9.886114669	4.02728836	5.729556691
ENSMUSG0000083738	5.65961481	6.260555194	3.530755239	1.610915344	3.580972932

ENSMUSG0000083739	8.489422215	6.956172438	11.29841676	7.249119049	5.729556691
ENSMUSG0000083740	12.73413332	10.43425866	7.767661525	15.30369577	14.32389173
ENSMUSG0000083741	6.367066661	6.260555194	4.943057334	0.805457672	3.580972932
ENSMUSG0000083742	6.367066661	10.43425866	6.35535943	5.638203705	2.864778345
ENSMUSG0000083743	10.61177777	10.43425866	14.12302096	3.221830688	6.445751277
ENSMUSG0000083744	3.537259256	2.086851731	3.530755239	1.610915344	4.297167518
ENSMUSG0000083745	169.0809925	195.4684455	191.3669339	113.5695318	81.64618284
ENSMUSG0000083747	3.537259256	3.478086219	2.824604191	0.805457672	1.432389173
ENSMUSG0000083748	9.904325918	9.043024169	13.41686991	5.638203705	6.445751277
ENSMUSG0000083749	14.14903703	8.347406925	10.59226572	6.443661377	4.297167518
ENSMUSG0000083750	7.781970364	9.043024169	4.943057334	7.249119049	5.729556691
ENSMUSG0000083751	1.414903703	5.56493795	0.706151048	1.610915344	2.864778345
ENSMUSG0000083752	5.65961481	7.651789682	9.179963621	8.054576721	7.161945863
ENSMUSG0000083753	9.196874066	8.347406925	9.179963621	4.02728836	7.87814045
ENSMUSG0000083754	9.904325918	6.956172438	7.767661525	11.27640741	6.445751277
ENSMUSG0000083755	4.244711108	2.782468975	2.118453143	3.221830688	2.864778345
ENSMUSG0000083756	7.781970364	6.956172438	11.29841676	8.860034393	7.161945863
ENSMUSG0000083757	15.56394073	15.99919661	10.59226572	11.27640741	10.02672421
ENSMUSG0000083760	3.537259256	2.782468975	4.236906287	2.416373016	3.580972932
ENSMUSG0000083761	9.904325918	10.43425866	5.649208382	8.054576721	5.729556691
ENSMUSG0000083763	5.65961481	4.173703463	2.824604191	6.443661377	3.580972932
ENSMUSG0000083764	12.73413332	6.260555194	5.649208382	4.832746033	7.161945863
ENSMUSG0000083766	11.31922962	11.1298759	2.824604191	8.860034393	7.161945863
ENSMUSG0000083767	7.074518513	8.347406925	8.473812573	10.47094974	8.594335036
ENSMUSG0000083768	6.367066661	4.869320706	2.824604191	4.832746033	4.297167518
ENSMUSG0000083769	9.904325918	3.478086219	9.886114669	3.221830688	5.013362104
ENSMUSG0000083771	27.5906222	44.5195036	35.30755239	10.47094974	20.05344842
ENSMUSG0000083772	4.952162959	8.347406925	10.59226572	14.4982381	3.580972932
ENSMUSG0000083773	10.61177777	7.651789682	8.473812573	6.443661377	7.161945863
ENSMUSG0000083774	23.34591109	28.52030699	31.0706461	19.33098413	28.64778345
ENSMUSG0000083775	4.244711108	3.478086219	4.236906287	3.221830688	3.580972932
ENSMUSG0000083776	9.196874066	9.043024169	12.00456781	9.665492065	11.45911338
ENSMUSG0000083777	7.074518513	4.173703463	9.886114669	4.02728836	6.445751277
ENSMUSG0000083778	5.65961481	6.260555194	7.767661525	2.416373016	5.013362104
ENSMUSG0000083779	3.537259256	1.391234488	4.236906287	3.221830688	1.432389173
ENSMUSG0000083780	8.489422215	8.347406925	9.886114669	3.221830688	7.161945863
ENSMUSG0000083781	5.65961481	5.56493795	4.236906287	6.443661377	4.297167518
ENSMUSG0000083782	12.02668147	8.347406925	7.767661525	5.638203705	9.310529622
ENSMUSG0000083783	157.7617628	184.3385696	166.6516473	148.2042117	134.6445822
ENSMUSG0000083784	4.952162959	4.173703463	1.412302096	0.805457672	3.580972932
ENSMUSG0000083785	8.489422215	4.173703463	11.29841676	4.02728836	4.297167518
ENSMUSG0000083786	12.02668147	13.21672763	7.767661525	6.443661377	13.60769714
ENSMUSG0000083787	9.904325918	6.956172438	9.179963621	3.221830688	6.445751277



ENSMUSG0000083788	10.61177777	7.651789682	9.886114669	7.249119049	5.729556691
ENSMUSG0000083789	6.367066661	4.173703463	4.236906287	3.221830688	4.297167518
ENSMUSG0000083791	7.074518513	6.260555194	4.943057334	8.054576721	5.729556691
ENSMUSG0000083792	12.02668147	9.738641413	5.649208382	6.443661377	7.87814045
ENSMUSG0000083793	10.61177777	4.173703463	4.943057334	11.27640741	9.310529622
ENSMUSG0000083794	11.31922962	5.56493795	5.649208382	6.443661377	5.729556691
ENSMUSG0000083795	9.196874066	9.738641413	5.649208382	2.416373016	10.02672421
ENSMUSG0000083796	12.02668147	13.91234488	11.29841676	14.4982381	12.89150255
ENSMUSG0000083797	12.73413332	6.956172438	9.179963621	5.638203705	7.161945863
ENSMUSG0000083798	14.85648888	10.43425866	12.00456781	8.860034393	10.02672421
ENSMUSG0000083801	7.074518513	5.56493795	10.59226572	5.638203705	5.013362104
ENSMUSG0000083803	9.904325918	4.869320706	5.649208382	5.638203705	7.87814045
ENSMUSG0000083804	11.31922962	8.347406925	7.061510478	5.638203705	5.013362104
ENSMUSG0000083805	5.65961481	3.478086219	2.824604191	3.221830688	2.148583759
ENSMUSG0000083806	7.781970364	7.651789682	5.649208382	5.638203705	5.729556691
ENSMUSG0000083807	9.904325918	9.738641413	5.649208382	7.249119049	3.580972932
ENSMUSG0000083808	6.367066661	4.869320706	4.943057334	5.638203705	5.729556691
ENSMUSG0000083809	5.65961481	4.173703463	6.35535943	0.805457672	5.013362104
ENSMUSG0000083810	9.904325918	9.738641413	2.824604191	3.221830688	4.297167518
ENSMUSG0000083811	8.489422215	9.738641413	11.29841676	12.08186508	9.310529622
ENSMUSG0000083812	7.781970364	6.956172438	9.886114669	4.02728836	10.7429188
ENSMUSG0000083813	6.367066661	8.347406925	4.943057334	7.249119049	5.013362104
ENSMUSG0000083814	4.244711108	2.782468975	5.649208382	3.221830688	4.297167518
ENSMUSG0000083815	10.61177777	7.651789682	10.59226572	8.860034393	9.310529622
ENSMUSG0000083816	27.5906222	56.34499675	45.19366706	65.24207144	66.60609653
ENSMUSG0000083817	9.904325918	8.347406925	14.829172	8.860034393	7.161945863
ENSMUSG0000083818	6.367066661	4.173703463	1.412302096	2.416373016	3.580972932
ENSMUSG0000083819	4.952162959	6.260555194	6.35535943	5.638203705	5.013362104
ENSMUSG0000083820	5.65961481	9.738641413	6.35535943	8.054576721	5.013362104
ENSMUSG0000083821	4.244711108	6.956172438	7.061510478	3.221830688	3.580972932
ENSMUSG0000083822	164.1288295	175.2955454	168.7701004	198.948045	133.2121931
ENSMUSG0000083823	7.074518513	2.782468975	4.236906287	8.054576721	4.297167518
ENSMUSG0000083825	9.196874066	8.347406925	9.179963621	4.832746033	5.013362104
ENSMUSG0000083826	38.20239997	55.6493795	42.36906287	24.16373016	35.80972932
ENSMUSG0000083827	9.904325918	11.1298759	9.179963621	5.638203705	7.161945863
ENSMUSG0000083828	4.952162959	3.478086219	3.530755239	4.832746033	2.864778345
ENSMUSG0000083829	7.074518513	6.956172438	14.12302096	5.638203705	7.161945863
ENSMUSG0000083830	4.952162959	6.260555194	4.943057334	2.416373016	6.445751277
ENSMUSG0000083831	12.73413332	9.043024169	9.886114669	8.054576721	11.45911338
ENSMUSG0000083832	14.14903703	9.738641413	10.59226572	10.47094974	10.7429188
ENSMUSG0000083833	6.367066661	9.738641413	7.767661525	4.832746033	9.310529622
ENSMUSG0000083834	9.904325918	10.43425866	7.767661525	7.249119049	7.161945863
ENSMUSG0000083835	12.02668147	13.21672763	9.886114669	2.416373016	7.161945863

ENSMUSG00000083836	11.31922962	8.347406925	5.649208382	9.665492065	12.89150255
ENSMUSG00000083837	10.61177777	11.82549314	9.179963621	7.249119049	7.87814045
ENSMUSG00000083838	12.02668147	11.82549314	13.41686991	7.249119049	7.161945863
ENSMUSG00000083839	4.952162959	4.869320706	5.649208382	3.221830688	7.161945863
ENSMUSG00000083841	2.829807405	2.086851731	0.706151048	0	0.716194586
ENSMUSG00000083842	186.0598369	233.0317767	222.43758	288.3538466	232.7632406
ENSMUSG00000083843	3.537259256	5.56493795	4.943057334	2.416373016	4.297167518
ENSMUSG00000083844	36.78749627	67.47487265	67.08434954	65.24207144	58.72795608
ENSMUSG00000083845	5.65961481	4.173703463	4.943057334	4.02728836	2.864778345
ENSMUSG00000083846	10.61177777	9.738641413	4.943057334	7.249119049	5.729556691
ENSMUSG00000083847	6.367066661	3.478086219	4.236906287	8.054576721	5.729556691
ENSMUSG00000083848	12.73413332	11.1298759	9.179963621	4.832746033	7.87814045
ENSMUSG00000083849	9.196874066	13.21672763	14.12302096	6.443661377	7.87814045
ENSMUSG00000083851	7.074518513	10.43425866	9.179963621	5.638203705	8.594335036
ENSMUSG00000083852	9.904325918	17.39043109	10.59226572	9.665492065	5.013362104
ENSMUSG00000083853	12.02668147	9.738641413	9.179963621	11.27640741	12.17530797
ENSMUSG00000083854	0	2.782468975	1.412302096	0.805457672	2.148583759
ENSMUSG00000083855	8.489422215	7.651789682	9.886114669	4.832746033	6.445751277
ENSMUSG00000083856	12.73413332	15.30357936	9.886114669	6.443661377	15.7562809
ENSMUSG00000083857	6.367066661	8.347406925	5.649208382	5.638203705	3.580972932
ENSMUSG00000083858	4.244711108	4.173703463	3.530755239	2.416373016	2.864778345
ENSMUSG00000083859	1.414903703	1.391234488	1.412302096	0.805457672	0
ENSMUSG00000083860	7.781970364	11.1298759	9.886114669	4.832746033	8.594335036
ENSMUSG00000083861	7.781970364	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG00000083863	4.244711108	1.391234488	0.706151048	2.416373016	3.580972932
ENSMUSG00000083864	7.074518513	9.738641413	4.236906287	5.638203705	5.013362104
ENSMUSG00000083866	14.14903703	9.738641413	8.473812573	4.02728836	6.445751277
ENSMUSG00000083867	7.074518513	6.260555194	9.886114669	2.416373016	3.580972932
ENSMUSG00000083868	7.074518513	10.43425866	12.71071886	8.860034393	8.594335036
ENSMUSG00000083869	9.904325918	9.043024169	5.649208382	2.416373016	5.013362104
ENSMUSG00000083870	53.05888884	86.95215547	88.97503202	68.46390213	78.06520991
ENSMUSG00000083871	3.537259256	2.086851731	2.118453143	3.221830688	0.716194586
ENSMUSG00000083872	21.22355554	36.17209668	33.18909925	20.94189947	17.18867007
ENSMUSG00000083873	8.489422215	9.043024169	4.943057334	4.02728836	4.297167518
ENSMUSG00000083874	10.61177777	6.956172438	7.061510478	3.221830688	3.580972932
ENSMUSG00000083875	178.9853184	208.6851731	237.9729031	229.5554365	171.8867007
ENSMUSG00000083876	14.85648888	31.99839321	28.24604191	21.74735715	25.06681052
ENSMUSG00000083877	5.65961481	1.391234488	4.236906287	3.221830688	3.580972932
ENSMUSG00000083878	4.952162959	7.651789682	9.886114669	6.443661377	10.7429188
ENSMUSG00000083879	12.02668147	7.651789682	9.179963621	12.88732275	7.161945863
ENSMUSG00000083880	5.65961481	6.956172438	8.473812573	8.054576721	9.310529622
ENSMUSG00000083881	11.31922962	6.956172438	10.59226572	8.054576721	3.580972932
ENSMUSG00000083882	10.61177777	5.56493795	7.767661525	8.860034393	6.445751277

ENSMUSG00000083883	5.65961481	5.56493795	9.179963621	4.832746033	11.45911338
ENSMUSG00000083884	9.196874066	4.869320706	5.649208382	4.02728836	5.013362104
ENSMUSG00000083885	10.61177777	18.08604834	19.06607829	8.860034393	16.47247549
ENSMUSG00000083886	3.537259256	5.56493795	7.767661525	10.47094974	5.729556691
ENSMUSG00000083887	7.781970364	6.260555194	7.061510478	4.832746033	9.310529622
ENSMUSG00000083888	10.61177777	10.43425866	11.29841676	3.221830688	6.445751277
ENSMUSG00000083889	7.074518513	0.695617244	3.530755239	6.443661377	2.148583759
ENSMUSG00000083890	14.14903703	4.869320706	4.236906287	7.249119049	9.310529622
ENSMUSG00000083892	4.952162959	2.782468975	9.886114669	8.054576721	5.013362104
ENSMUSG00000083893	4.952162959	6.260555194	16.94762515	8.054576721	6.445751277
ENSMUSG00000083894	12.02668147	6.956172438	4.943057334	10.47094974	10.02672421
ENSMUSG00000083895	6.367066661	6.956172438	7.061510478	5.638203705	3.580972932
ENSMUSG00000083896	7.781970364	5.56493795	2.118453143	3.221830688	4.297167518
ENSMUSG00000083897	4.952162959	6.260555194	5.649208382	7.249119049	7.161945863
ENSMUSG00000083898	2.829807405	3.478086219	3.530755239	2.416373016	4.297167518
ENSMUSG00000083899	20.51610369	34.08524495	31.0706461	41.88379895	39.39070225
ENSMUSG00000083900	10.61177777	6.956172438	9.179963621	9.665492065	6.445751277
ENSMUSG00000083901	0	0	0	0	0
ENSMUSG00000083902	7.074518513	13.91234488	21.18453143	3.221830688	7.161945863
ENSMUSG00000083903	6.367066661	4.173703463	11.29841676	8.860034393	8.594335036
ENSMUSG00000083904	7.781970364	8.347406925	9.886114669	2.416373016	4.297167518
ENSMUSG00000083905	6.367066661	6.956172438	5.649208382	0.805457672	5.729556691
ENSMUSG00000083906	5.65961481	9.043024169	8.473812573	9.665492065	5.729556691
ENSMUSG00000083907	10.61177777	5.56493795	5.649208382	12.08186508	7.87814045
ENSMUSG00000083908	7.074518513	2.782468975	7.767661525	1.610915344	2.148583759
ENSMUSG00000083909	216.4802665	242.0748008	237.9729031	306.0739154	247.0871323
ENSMUSG00000083910	7.781970364	4.869320706	10.59226572	4.832746033	9.310529622
ENSMUSG00000083911	64.37811846	82.77845201	74.85201106	62.82569842	60.16034525
ENSMUSG00000083912	7.074518513	3.478086219	2.118453143	1.610915344	2.148583759
ENSMUSG00000083913	15.56394073	6.260555194	5.649208382	7.249119049	10.02672421
ENSMUSG00000083914	8.489422215	6.260555194	7.061510478	7.249119049	8.594335036
ENSMUSG00000083915	8.489422215	4.869320706	9.886114669	8.860034393	10.02672421
ENSMUSG00000083916	8.489422215	6.956172438	5.649208382	7.249119049	5.729556691
ENSMUSG00000083917	9.196874066	10.43425866	9.886114669	6.443661377	10.02672421
ENSMUSG00000083918	8.489422215	4.869320706	4.943057334	6.443661377	5.729556691
ENSMUSG00000083919	8.489422215	6.956172438	6.35535943	5.638203705	6.445751277
ENSMUSG00000083920	4.244711108	3.478086219	5.649208382	0.805457672	4.297167518
ENSMUSG00000083921	10.61177777	4.869320706	7.061510478	9.665492065	7.87814045
ENSMUSG00000083922	12.02668147	13.91234488	13.41686991	9.665492065	10.02672421
ENSMUSG00000083923	6.367066661	6.260555194	2.118453143	4.02728836	2.864778345
ENSMUSG00000083924	12.73413332	21.56413456	14.12302096	9.665492065	21.48583759
ENSMUSG00000083925	8.489422215	3.478086219	8.473812573	4.832746033	5.729556691
ENSMUSG00000083926	4.244711108	5.56493795	4.943057334	2.416373016	2.864778345

ENSMUSG00000083927	7.074518513	4.869320706	9.179963621	8.860034393	7.87814045
ENSMUSG00000083928	2.829807405	2.086851731	4.236906287	5.638203705	3.580972932
ENSMUSG00000083930	8.489422215	2.782468975	7.061510478	8.860034393	7.87814045
ENSMUSG00000083931	7.074518513	2.782468975	4.236906287	1.610915344	2.148583759
ENSMUSG00000083932	11.31922962	3.478086219	7.061510478	6.443661377	5.013362104
ENSMUSG00000083933	8.489422215	7.651789682	9.886114669	3.221830688	5.729556691
ENSMUSG00000083934	5.65961481	6.260555194	4.236906287	10.47094974	5.013362104
ENSMUSG00000083935	12.02668147	4.869320706	4.943057334	3.221830688	10.02672421
ENSMUSG00000083936	9.196874066	6.260555194	1.412302096	4.832746033	2.148583759
ENSMUSG00000083937	11.31922962	7.651789682	6.35535943	2.416373016	4.297167518
ENSMUSG00000083938	10.61177777	8.347406925	8.473812573	3.221830688	5.013362104
ENSMUSG00000083939	4.952162959	3.478086219	6.35535943	0.805457672	0.716194586
ENSMUSG00000083940	13.44158517	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000083941	3.537259256	0.695617244	1.412302096	0.805457672	2.148583759
ENSMUSG00000083942	10.61177777	9.043024169	5.649208382	3.221830688	11.45911338
ENSMUSG00000083943	0.707451851	0	1.412302096	0	0
ENSMUSG00000083944	4.244711108	3.478086219	1.412302096	1.610915344	0.716194586
ENSMUSG00000083945	7.781970364	4.869320706	2.118453143	4.02728836	2.864778345
ENSMUSG00000083946	12.73413332	6.956172438	5.649208382	2.416373016	5.729556691
ENSMUSG00000083948	8.489422215	2.086851731	3.530755239	5.638203705	4.297167518
ENSMUSG00000083949	11.31922962	6.956172438	12.71071886	6.443661377	8.594335036
ENSMUSG00000083950	5.65961481	11.1298759	10.59226572	6.443661377	8.594335036
ENSMUSG00000083951	23.34591109	37.56333116	26.12758877	18.52552646	20.769643
ENSMUSG00000083953	8.489422215	13.91234488	9.886114669	5.638203705	8.594335036
ENSMUSG00000083954	6.367066661	6.956172438	7.767661525	5.638203705	7.161945863
ENSMUSG00000083955	4.952162959	5.56493795	5.649208382	4.02728836	4.297167518
ENSMUSG00000083956	11.31922962	2.782468975	7.767661525	8.054576721	8.594335036
ENSMUSG00000083957	12.02668147	7.651789682	9.179963621	5.638203705	11.45911338
ENSMUSG00000083958	9.904325918	8.347406925	7.061510478	3.221830688	3.580972932
ENSMUSG00000083960	6.367066661	2.782468975	3.530755239	2.416373016	4.297167518
ENSMUSG00000083961	0.707451851	0	1.412302096	0.805457672	0.716194586
ENSMUSG00000083962	6.367066661	10.43425866	6.35535943	9.665492065	12.89150255
ENSMUSG00000083963	7.074518513	1.391234488	3.530755239	3.221830688	0
ENSMUSG00000083964	11.31922962	13.91234488	13.41686991	6.443661377	9.310529622
ENSMUSG00000083966	9.196874066	4.869320706	4.943057334	2.416373016	4.297167518
ENSMUSG00000083967	4.244711108	7.651789682	9.886114669	8.860034393	7.87814045
ENSMUSG00000083969	9.196874066	9.738641413	8.473812573	4.02728836	5.729556691
ENSMUSG00000083970	4.952162959	4.869320706	7.061510478	3.221830688	5.729556691
ENSMUSG00000083971	5.65961481	4.869320706	4.943057334	2.416373016	1.432389173
ENSMUSG00000083972	7.074518513	2.782468975	2.824604191	1.610915344	3.580972932
ENSMUSG00000083973	8.489422215	8.347406925	8.473812573	4.02728836	7.87814045
ENSMUSG00000083974	45.98437033	73.73542784	76.26431316	116.7913625	101.6996313
ENSMUSG00000083975	12.73413332	8.347406925	9.179963621	8.860034393	5.013362104

ENSMUSG0000083976	15.56394073	41.04141738	36.71985448	48.32746033	46.55264811
ENSMUSG0000083977	1.414903703	2.782468975	0.706151048	3.221830688	4.297167518
ENSMUSG0000083978	6.367066661	4.173703463	6.35535943	1.610915344	5.013362104
ENSMUSG0000083979	17.68629628	27.82468975	24.00913562	10.47094974	17.18867007
ENSMUSG0000083981	4.244711108	4.173703463	2.118453143	3.221830688	4.297167518
ENSMUSG0000083982	0	0.695617244	0.706151048	0	0.716194586
ENSMUSG0000083983	10.61177777	5.56493795	8.473812573	4.02728836	5.013362104
ENSMUSG0000083985	9.904325918	9.043024169	9.886114669	9.665492065	7.161945863
ENSMUSG0000083986	15.56394073	9.043024169	5.649208382	8.054576721	5.013362104
ENSMUSG0000083987	8.489422215	8.347406925	4.236906287	14.4982381	5.729556691
ENSMUSG0000083988	33.25023701	44.5195036	38.83830763	53.16020636	56.57937232
ENSMUSG0000083989	20.51610369	27.82468975	31.0706461	67.65844446	43.68786977
ENSMUSG0000083990	9.904325918	8.347406925	10.59226572	5.638203705	9.310529622
ENSMUSG0000083991	12.73413332	9.043024169	7.767661525	4.832746033	8.594335036
ENSMUSG0000083992	14.85648888	21.56413456	16.2414741	29.80193387	33.66114556
ENSMUSG0000083993	12.73413332	14.60796212	11.29841676	9.665492065	6.445751277
ENSMUSG0000083994	7.074518513	4.869320706	4.236906287	2.416373016	0.716194586
ENSMUSG0000083995	9.196874066	15.30357936	15.53532305	12.08186508	12.17530797
ENSMUSG0000083996	9.196874066	11.1298759	9.179963621	5.638203705	13.60769714
ENSMUSG0000083997	5.65961481	7.651789682	8.473812573	9.665492065	6.445751277
ENSMUSG0000083998	12.02668147	4.869320706	7.061510478	4.832746033	5.013362104
ENSMUSG0000083999	5.65961481	2.086851731	2.118453143	2.416373016	2.148583759
ENSMUSG0000084000	2.829807405	2.782468975	2.824604191	2.416373016	1.432389173
ENSMUSG0000084001	3.537259256	3.478086219	8.473812573	2.416373016	4.297167518
ENSMUSG0000084003	3.537259256	10.43425866	3.530755239	2.416373016	1.432389173
ENSMUSG0000084004	3.537259256	8.347406925	7.061510478	3.221830688	5.729556691
ENSMUSG0000084005	13.44158517	9.043024169	12.71071886	8.860034393	7.87814045
ENSMUSG0000084006	6.367066661	2.086851731	7.061510478	1.610915344	7.161945863
ENSMUSG0000084007	4.244711108	2.086851731	2.118453143	4.832746033	2.148583759
ENSMUSG0000084009	5.65961481	1.391234488	3.530755239	4.832746033	4.297167518
ENSMUSG0000084010	3.537259256	2.086851731	2.824604191	4.832746033	4.297167518
ENSMUSG0000084011	4.952162959	4.173703463	7.767661525	12.08186508	10.02672421
ENSMUSG0000084012	5.65961481	3.478086219	5.649208382	8.860034393	12.17530797
ENSMUSG0000084013	12.73413332	8.347406925	9.886114669	20.94189947	15.04008631
ENSMUSG0000084014	2.829807405	4.173703463	4.943057334	3.221830688	2.864778345
ENSMUSG0000084015	6.367066661	8.347406925	7.061510478	6.443661377	10.7429188
ENSMUSG0000084016	1.414903703	4.173703463	0	0	0
ENSMUSG0000084017	0	1.391234488	2.824604191	8.054576721	7.87814045
ENSMUSG0000084018	12.73413332	7.651789682	10.59226572	3.221830688	2.148583759
ENSMUSG0000084019	4.952162959	4.173703463	2.824604191	1.610915344	7.161945863
ENSMUSG0000084020	7.781970364	5.56493795	8.473812573	5.638203705	10.7429188
ENSMUSG0000084021	9.196874066	6.956172438	5.649208382	6.443661377	3.580972932
ENSMUSG0000084022	9.904325918	4.173703463	6.35535943	4.832746033	5.729556691

ENSMUSG0000084024	27.5906222	50.7800588	45.8998181	24.16373016	27.21539428
ENSMUSG0000084025	13.44158517	8.347406925	8.473812573	4.832746033	4.297167518
ENSMUSG0000084026	9.904325918	4.869320706	6.35535943	3.221830688	5.013362104
ENSMUSG0000084027	9.196874066	6.956172438	12.00456781	8.860034393	6.445751277
ENSMUSG0000084028	9.196874066	6.956172438	12.00456781	8.860034393	6.445751277
ENSMUSG0000084029	4.244711108	6.260555194	1.412302096	1.610915344	5.013362104
ENSMUSG0000084030	7.781970364	4.869320706	6.35535943	0.805457672	3.580972932
ENSMUSG0000084031	8.489422215	2.782468975	1.412302096	3.221830688	2.864778345
ENSMUSG0000084032	12.73413332	6.260555194	13.41686991	8.054576721	2.864778345
ENSMUSG0000084033	105.4103258	166.2525213	151.1163242	144.982381	123.9016634
ENSMUSG0000084034	10.61177777	9.738641413	7.767661525	8.054576721	9.310529622
ENSMUSG0000084038	11.31922962	7.651789682	8.473812573	2.416373016	5.013362104
ENSMUSG0000084039	2.122355554	2.782468975	6.35535943	4.02728836	5.013362104
ENSMUSG0000084040	8.489422215	6.260555194	6.35535943	3.221830688	6.445751277
ENSMUSG0000084041	9.196874066	9.043024169	7.061510478	4.832746033	5.729556691
ENSMUSG0000084043	9.196874066	9.043024169	5.649208382	6.443661377	6.445751277
ENSMUSG0000084044	6.367066661	3.478086219	4.236906287	2.416373016	2.864778345
ENSMUSG0000084045	6.367066661	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG0000084046	4.952162959	6.956172438	4.943057334	3.221830688	9.310529622
ENSMUSG0000084047	2.829807405	2.086851731	3.530755239	3.221830688	2.864778345
ENSMUSG0000084048	21.22355554	27.82468975	21.89068248	22.55281482	25.06681052
ENSMUSG0000084050	4.952162959	6.260555194	10.59226572	5.638203705	5.729556691
ENSMUSG0000084051	9.196874066	3.478086219	4.943057334	6.443661377	7.161945863
ENSMUSG0000084052	14.85648888	22.2597518	17.65377619	13.69278043	8.594335036
ENSMUSG0000084053	4.244711108	4.869320706	5.649208382	4.02728836	3.580972932
ENSMUSG0000084054	5.65961481	3.478086219	3.530755239	4.832746033	5.729556691
ENSMUSG0000084055	9.196874066	9.043024169	6.35535943	4.832746033	4.297167518
ENSMUSG0000084056	4.952162959	3.478086219	4.236906287	3.221830688	1.432389173
ENSMUSG0000084057	5.65961481	0	0	0	0.716194586
ENSMUSG0000084058	5.65961481	13.91234488	3.530755239	8.860034393	4.297167518
ENSMUSG0000084059	6.367066661	9.738641413	7.767661525	4.832746033	5.729556691
ENSMUSG0000084060	2.122355554	3.478086219	2.118453143	4.02728836	7.161945863
ENSMUSG0000084061	7.781970364	6.956172438	6.35535943	1.610915344	3.580972932
ENSMUSG0000084062	3.537259256	4.173703463	7.061510478	0.805457672	9.310529622
ENSMUSG0000084064	15.56394073	6.956172438	8.473812573	8.054576721	5.729556691
ENSMUSG0000084065	5.65961481	4.869320706	4.943057334	4.832746033	7.161945863
ENSMUSG0000084066	4.244711108	2.086851731	3.530755239	5.638203705	0.716194586
ENSMUSG0000084067	10.61177777	7.651789682	8.473812573	8.054576721	6.445751277
ENSMUSG0000084068	12.73413332	8.347406925	4.236906287	8.860034393	14.32389173
ENSMUSG0000084069	0	0	0	0	0
ENSMUSG0000084070	2.829807405	3.478086219	3.530755239	2.416373016	0.716194586
ENSMUSG0000084071	7.781970364	11.1298759	9.886114669	5.638203705	8.594335036
ENSMUSG0000084072	1.414903703	0	0	0.805457672	0

ENSMUSG0000084073	11.31922962	5.56493795	7.061510478	6.443661377	3.580972932
ENSMUSG0000084074	8.489422215	6.260555194	4.943057334	5.638203705	5.729556691
ENSMUSG0000084075	9.196874066	6.260555194	10.59226572	4.832746033	5.013362104
ENSMUSG0000084076	4.952162959	4.173703463	6.35535943	3.221830688	3.580972932
ENSMUSG0000084077	4.244711108	5.56493795	5.649208382	4.02728836	10.02672421
ENSMUSG0000084078	9.904325918	9.043024169	12.00456781	3.221830688	5.013362104
ENSMUSG0000084079	7.074518513	10.43425866	9.179963621	4.832746033	9.310529622
ENSMUSG0000084080	3.537259256	2.782468975	2.824604191	1.610915344	3.580972932
ENSMUSG0000084081	11.31922962	11.1298759	12.71071886	11.27640741	11.45911338
ENSMUSG0000084082	12.73413332	13.21672763	10.59226572	8.860034393	5.013362104
ENSMUSG0000084083	11.31922962	8.347406925	9.886114669	8.054576721	7.161945863
ENSMUSG0000084085	8.489422215	8.347406925	7.767661525	4.832746033	10.02672421
ENSMUSG0000084086	2.122355554	1.391234488	4.943057334	2.416373016	3.580972932
ENSMUSG0000084087	9.904325918	4.869320706	8.473812573	8.054576721	12.17530797
ENSMUSG0000084088	14.85648888	25.04222078	26.83373982	19.33098413	24.35061594
ENSMUSG0000084089	8.489422215	4.173703463	9.886114669	8.054576721	11.45911338
ENSMUSG0000084090	12.02668147	8.347406925	7.061510478	4.02728836	6.445751277
ENSMUSG0000084091	7.074518513	8.347406925	14.12302096	8.054576721	5.013362104
ENSMUSG0000084092	11.31922962	10.43425866	11.29841676	4.832746033	6.445751277
ENSMUSG0000084093	7.781970364	14.60796212	7.767661525	5.638203705	7.161945863
ENSMUSG0000084094	8.489422215	14.60796212	6.35535943	7.249119049	7.87814045
ENSMUSG0000084095	5.65961481	2.086851731	0.706151048	1.610915344	0
ENSMUSG0000084096	4.952162959	3.478086219	2.118453143	2.416373016	6.445751277
ENSMUSG0000084097	4.952162959	4.173703463	2.118453143	6.443661377	4.297167518
ENSMUSG0000084098	9.904325918	12.52111039	13.41686991	16.91461111	15.04008631
ENSMUSG0000084099	0.707451851	1.391234488	0	1.610915344	2.148583759
ENSMUSG0000084101	10.61177777	9.043024169	7.061510478	3.221830688	8.594335036
ENSMUSG0000084102	7.781970364	7.651789682	2.824604191	1.610915344	5.729556691
ENSMUSG0000084103	3.537259256	4.869320706	5.649208382	3.221830688	5.013362104
ENSMUSG0000084104	11.31922962	9.738641413	12.71071886	7.249119049	12.17530797
ENSMUSG0000084105	12.02668147	30.60715873	31.77679715	20.1364418	26.49919969
ENSMUSG0000084106	11.31922962	11.1298759	14.12302096	23.35827249	15.04008631
ENSMUSG0000084107	12.02668147	7.651789682	6.35535943	4.832746033	7.161945863
ENSMUSG0000084108	8.489422215	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG0000084110	1.414903703	0	0	1.610915344	4.297167518
ENSMUSG0000084111	142.1978221	175.9911627	171.5947046	174.7843148	158.9951982
ENSMUSG0000084112	4.952162959	4.173703463	3.530755239	4.832746033	5.013362104
ENSMUSG0000084113	14.85648888	13.91234488	20.47838039	9.665492065	12.89150255
ENSMUSG0000084114	2.829807405	6.260555194	2.118453143	5.638203705	5.013362104
ENSMUSG0000084115	7.074518513	7.651789682	7.767661525	8.054576721	12.17530797
ENSMUSG0000084116	7.781970364	6.260555194	11.29841676	3.221830688	4.297167518
ENSMUSG0000084117	6.367066661	6.956172438	11.29841676	3.221830688	5.729556691
ENSMUSG0000084118	6.367066661	6.260555194	3.530755239	3.221830688	2.148583759

ENSMUSG0000084119	6.367066661	7.651789682	4.943057334	4.832746033	5.729556691
ENSMUSG0000084120	7.074518513	6.956172438	6.35535943	5.638203705	6.445751277
ENSMUSG0000084123	7.781970364	6.260555194	5.649208382	5.638203705	1.432389173
ENSMUSG0000084124	12.02668147	11.1298759	4.236906287	8.860034393	5.013362104
ENSMUSG0000084125	2.122355554	3.478086219	3.530755239	4.02728836	5.013362104
ENSMUSG0000084126	11.31922962	12.52111039	6.35535943	10.47094974	8.594335036
ENSMUSG0000084127	22.63845924	11.1298759	18.35992724	13.69278043	15.04008631
ENSMUSG0000084129	9.196874066	12.52111039	11.29841676	8.860034393	8.594335036
ENSMUSG0000084130	4.952162959	7.651789682	4.236906287	0.805457672	5.013362104
ENSMUSG0000084131	2.122355554	6.956172438	4.236906287	8.054576721	15.04008631
ENSMUSG0000084132	9.904325918	7.651789682	12.00456781	9.665492065	5.729556691
ENSMUSG0000084133	10.61177777	6.260555194	9.886114669	4.832746033	7.87814045
ENSMUSG0000084134	13.44158517	7.651789682	10.59226572	3.221830688	7.161945863
ENSMUSG0000084135	10.61177777	6.956172438	10.59226572	6.443661377	3.580972932
ENSMUSG0000084136	11.31922962	6.956172438	7.767661525	5.638203705	9.310529622
ENSMUSG0000084137	28.29807405	52.17129328	45.19366706	27.38556085	32.22875639
ENSMUSG0000084138	4.952162959	3.478086219	4.943057334	3.221830688	2.864778345
ENSMUSG0000084139	16.27139258	26.43345526	21.89068248	17.72006879	18.62105924
ENSMUSG0000084140	10.61177777	12.52111039	9.179963621	12.08186508	14.32389173
ENSMUSG0000084141	13.44158517	9.738641413	7.061510478	6.443661377	5.013362104
ENSMUSG0000084142	4.244711108	4.173703463	4.236906287	5.638203705	11.45911338
ENSMUSG0000084143	7.074518513	8.347406925	7.767661525	4.832746033	6.445751277
ENSMUSG0000084144	10.61177777	8.347406925	9.886114669	12.88732275	5.729556691
ENSMUSG0000084145	8.489422215	6.956172438	7.061510478	8.860034393	5.013362104
ENSMUSG0000084146	9.196874066	6.956172438	6.35535943	4.832746033	7.161945863
ENSMUSG0000084147	3.537259256	4.173703463	4.943057334	3.221830688	2.864778345
ENSMUSG0000084148	6.367066661	8.347406925	3.530755239	6.443661377	4.297167518
ENSMUSG0000084149	56.5961481	86.95215547	86.15042783	74.9075635	81.64618284
ENSMUSG0000084150	3.537259256	2.782468975	3.530755239	5.638203705	4.297167518
ENSMUSG0000084151	6.367066661	5.56493795	7.767661525	5.638203705	3.580972932
ENSMUSG0000084152	7.781970364	7.651789682	10.59226572	10.47094974	10.02672421
ENSMUSG0000084153	21.22355554	15.99919661	15.53532305	5.638203705	10.02672421
ENSMUSG0000084154	10.61177777	9.738641413	12.71071886	20.1364418	22.91822676
ENSMUSG0000084155	4.244711108	2.086851731	6.35535943	1.610915344	2.864778345
ENSMUSG0000084156	9.904325918	9.738641413	7.061510478	3.221830688	11.45911338
ENSMUSG0000084157	7.781970364	4.869320706	6.35535943	10.47094974	9.310529622
ENSMUSG0000084158	4.244711108	4.173703463	0.706151048	4.832746033	3.580972932
ENSMUSG0000084159	25.46826665	30.60715873	26.12758877	47.52200265	40.10689684
ENSMUSG0000084160	14.85648888	11.1298759	15.53532305	12.08186508	14.32389173
ENSMUSG0000084161	4.244711108	4.869320706	2.824604191	0.805457672	2.148583759
ENSMUSG0000084162	8.489422215	6.260555194	5.649208382	8.054576721	5.729556691
ENSMUSG0000084163	10.61177777	6.956172438	6.35535943	6.443661377	5.013362104
ENSMUSG0000084164	10.61177777	10.43425866	7.767661525	8.054576721	8.594335036



ENSMUSG00000084166	5.65961481	4.869320706	4.943057334	4.832746033	2.864778345
ENSMUSG00000084167	7.074518513	9.043024169	7.061510478	5.638203705	7.87814045
ENSMUSG00000084168	33.95768886	59.12746572	43.07521391	54.7711217	47.98503729
ENSMUSG00000084169	0.707451851	0.695617244	0	0	0
ENSMUSG00000084170	9.904325918	8.347406925	12.71071886	7.249119049	9.310529622
ENSMUSG00000084171	11.31922962	6.956172438	11.29841676	4.02728836	5.013362104
ENSMUSG00000084172	1.414903703	0.695617244	2.118453143	2.416373016	4.297167518
ENSMUSG00000084173	7.074518513	10.43425866	8.473812573	8.860034393	5.013362104
ENSMUSG00000084175	10.61177777	9.738641413	9.179963621	4.02728836	10.02672421
ENSMUSG00000084177	7.074518513	9.738641413	6.35535943	10.47094974	9.310529622
ENSMUSG00000084178	7.781970364	4.173703463	2.824604191	2.416373016	5.729556691
ENSMUSG00000084179	7.074518513	9.738641413	6.35535943	5.638203705	5.729556691
ENSMUSG00000084180	2.829807405	3.478086219	4.236906287	3.221830688	3.580972932
ENSMUSG00000084181	8.489422215	6.956172438	8.473812573	2.416373016	6.445751277
ENSMUSG00000084182	14.85648888	5.56493795	10.59226572	5.638203705	7.161945863
ENSMUSG00000084183	8.489422215	4.173703463	5.649208382	3.221830688	6.445751277
ENSMUSG00000084184	7.074518513	6.260555194	6.35535943	3.221830688	5.729556691
ENSMUSG00000084185	7.074518513	7.651789682	2.824604191	2.416373016	7.161945863
ENSMUSG00000084186	7.074518513	6.260555194	6.35535943	2.416373016	2.864778345
ENSMUSG00000084188	8.489422215	9.738641413	7.061510478	6.443661377	8.594335036
ENSMUSG00000084189	3.537259256	6.956172438	6.35535943	4.02728836	7.87814045
ENSMUSG00000084190	12.02668147	12.52111039	9.886114669	19.33098413	15.7562809
ENSMUSG00000084191	4.244711108	6.260555194	4.236906287	2.416373016	2.864778345
ENSMUSG00000084192	14.85648888	6.260555194	10.59226572	9.665492065	5.729556691
ENSMUSG00000084193	9.904325918	8.347406925	8.473812573	12.08186508	9.310529622
ENSMUSG00000084195	2.122355554	4.869320706	5.649208382	6.443661377	1.432389173
ENSMUSG00000084196	2.829807405	4.173703463	7.767661525	5.638203705	2.864778345
ENSMUSG00000084197	9.904325918	9.043024169	7.767661525	8.054576721	6.445751277
ENSMUSG00000084198	8.489422215	8.347406925	9.886114669	6.443661377	5.013362104
ENSMUSG00000084199	8.489422215	6.260555194	8.473812573	5.638203705	4.297167518
ENSMUSG00000084200	14.14903703	6.260555194	9.886114669	3.221830688	7.161945863
ENSMUSG00000084201	14.14903703	8.347406925	12.00456781	11.27640741	12.17530797
ENSMUSG00000084202	4.952162959	3.478086219	4.236906287	4.832746033	5.013362104
ENSMUSG00000084203	9.904325918	4.869320706	4.236906287	5.638203705	4.297167518
ENSMUSG00000084204	9.904325918	9.738641413	7.061510478	7.249119049	4.297167518
ENSMUSG00000084205	3.537259256	6.260555194	4.943057334	4.832746033	4.297167518
ENSMUSG00000084206	9.196874066	9.738641413	11.29841676	4.02728836	6.445751277
ENSMUSG00000084207	8.489422215	6.260555194	9.179963621	4.832746033	9.310529622
ENSMUSG00000084208	9.904325918	8.347406925	6.35535943	12.88732275	10.02672421
ENSMUSG00000084209	9.904325918	7.651789682	4.943057334	4.02728836	4.297167518
ENSMUSG00000084210	4.244711108	3.478086219	4.943057334	5.638203705	0.716194586
ENSMUSG00000084211	8.489422215	6.260555194	9.179963621	3.221830688	6.445751277
ENSMUSG00000084212	7.781970364	4.869320706	6.35535943	7.249119049	5.729556691

ENSMUSG0000084213	233.4591109	259.4652319	239.3852052	313.3230344	241.3575756
ENSMUSG0000084214	4.952162959	2.782468975	2.118453143	2.416373016	5.013362104
ENSMUSG0000084215	7.074518513	6.956172438	4.943057334	4.02728836	5.013362104
ENSMUSG0000084216	2.829807405	2.086851731	4.943057334	2.416373016	2.864778345
ENSMUSG0000084217	7.781970364	10.43425866	6.35535943	8.054576721	8.594335036
ENSMUSG0000084218	9.196874066	5.56493795	4.943057334	4.02728836	5.013362104
ENSMUSG0000084219	3.537259256	5.56493795	2.824604191	4.02728836	6.445751277
ENSMUSG0000084220	7.781970364	11.1298759	6.35535943	4.832746033	9.310529622
ENSMUSG0000084221	6.367066661	7.651789682	8.473812573	9.665492065	10.02672421
ENSMUSG0000084222	9.196874066	6.260555194	7.767661525	7.249119049	6.445751277
ENSMUSG0000084223	6.367066661	10.43425866	8.473812573	10.47094974	7.161945863
ENSMUSG0000084224	12.02668147	8.347406925	8.473812573	5.638203705	7.87814045
ENSMUSG0000084226	10.61177777	11.1298759	10.59226572	9.665492065	9.310529622
ENSMUSG0000084228	4.952162959	8.347406925	4.236906287	3.221830688	10.7429188
ENSMUSG0000084230	35.37259256	50.08444155	50.84287544	23.35827249	23.63442135
ENSMUSG0000084231	273.7838664	294.2460941	280.341966	291.5756773	239.9251864
ENSMUSG0000084235	13.44158517	17.39043109	19.06607829	16.10915344	14.32389173
ENSMUSG0000084236	4.952162959	8.347406925	9.179963621	4.02728836	6.445751277
ENSMUSG0000084237	9.904325918	5.56493795	7.061510478	3.221830688	7.161945863
ENSMUSG0000084238	2.122355554	2.782468975	16.2414741	6.443661377	2.148583759
ENSMUSG0000084239	13.44158517	7.651789682	4.236906287	8.054576721	7.161945863
ENSMUSG0000084240	5.65961481	5.56493795	8.473812573	8.054576721	7.161945863
ENSMUSG0000084241	7.074518513	8.347406925	11.29841676	8.054576721	9.310529622
ENSMUSG0000084243	9.196874066	9.738641413	5.649208382	9.665492065	7.87814045
ENSMUSG0000084244	6.367066661	2.086851731	8.473812573	9.665492065	6.445751277
ENSMUSG0000084245	2.122355554	3.478086219	3.530755239	3.221830688	3.580972932
ENSMUSG0000084246	5.65961481	4.869320706	3.530755239	3.221830688	4.297167518
ENSMUSG0000084247	8.489422215	0	3.530755239	2.416373016	4.297167518
ENSMUSG0000084248	7.781970364	11.82549314	8.473812573	3.221830688	5.013362104
ENSMUSG0000084249	10.61177777	6.956172438	13.41686991	4.832746033	11.45911338
ENSMUSG0000084250	7.781970364	9.043024169	7.061510478	0.805457672	5.013362104
ENSMUSG0000084251	9.196874066	7.651789682	5.649208382	4.832746033	7.87814045
ENSMUSG0000084252	103.2879703	159.2963488	145.4671158	152.2315	121.0368851
ENSMUSG0000084253	14.14903703	8.347406925	4.943057334	3.221830688	5.013362104
ENSMUSG0000084254	13.44158517	8.347406925	11.29841676	9.665492065	3.580972932
ENSMUSG0000084256	4.952162959	4.869320706	0.706151048	3.221830688	3.580972932
ENSMUSG0000084257	6.367066661	4.173703463	6.35535943	6.443661377	5.729556691
ENSMUSG0000084258	7.781970364	18.78166558	15.53532305	11.27640741	9.310529622
ENSMUSG0000084259	9.196874066	7.651789682	9.886114669	10.47094974	5.729556691
ENSMUSG0000084260	16.97884443	14.60796212	16.2414741	10.47094974	15.04008631
ENSMUSG0000084261	12.02668147	10.43425866	6.35535943	9.665492065	14.32389173
ENSMUSG0000084262	8.489422215	3.478086219	9.886114669	4.02728836	5.729556691
ENSMUSG0000084264	12.02668147	5.56493795	7.767661525	8.054576721	12.89150255

ENSMUSG00000084265	6.367066661	6.260555194	9.886114669	11.27640741	7.161945863
ENSMUSG00000084267	7.781970364	6.956172438	7.767661525	8.860034393	5.729556691
ENSMUSG00000084268	4.244711108	8.347406925	11.29841676	6.443661377	3.580972932
ENSMUSG00000084269	4.244711108	5.56493795	4.236906287	1.610915344	3.580972932
ENSMUSG00000084270	5.65961481	3.478086219	4.943057334	0.805457672	2.864778345
ENSMUSG00000084271	9.904325918	9.738641413	13.41686991	13.69278043	10.7429188
ENSMUSG00000084272	16.27139258	16.69481385	14.829172	10.47094974	8.594335036
ENSMUSG00000084273	9.196874066	2.782468975	4.943057334	2.416373016	5.729556691
ENSMUSG00000084274	8.489422215	11.82549314	11.29841676	4.832746033	4.297167518
ENSMUSG00000084275	4.244711108	1.391234488	2.118453143	0.805457672	5.729556691
ENSMUSG00000084276	14.85648888	6.956172438	9.886114669	6.443661377	10.7429188
ENSMUSG00000084277	264.5869924	253.2046767	281.7542681	449.445381	283.6130562
ENSMUSG00000084278	9.196874066	8.347406925	7.061510478	4.832746033	12.17530797
ENSMUSG00000084279	16.97884443	13.21672763	10.59226572	16.10915344	12.89150255
ENSMUSG00000084280	11.31922962	5.56493795	10.59226572	11.27640741	12.17530797
ENSMUSG00000084281	3.537259256	7.651789682	5.649208382	4.02728836	4.297167518
ENSMUSG00000084282	11.31922962	6.956172438	7.767661525	5.638203705	7.161945863
ENSMUSG00000084283	3.537259256	2.086851731	5.649208382	0.805457672	2.148583759
ENSMUSG00000084284	4.952162959	6.956172438	4.943057334	5.638203705	3.580972932
ENSMUSG00000084285	9.196874066	7.651789682	4.943057334	3.221830688	7.161945863
ENSMUSG00000084286	8.489422215	4.869320706	5.649208382	10.47094974	6.445751277
ENSMUSG00000084287	4.952162959	5.56493795	4.236906287	2.416373016	2.148583759
ENSMUSG00000084288	27.5906222	34.08524495	21.18453143	14.4982381	17.18867007
ENSMUSG00000084289	4.952162959	2.782468975	1.412302096	5.638203705	2.148583759
ENSMUSG00000084291	59.42595551	88.34338996	82.61967259	62.02024075	71.61945863
ENSMUSG00000084292	34.66514071	76.51789682	62.1412922	37.05105292	33.66114556
ENSMUSG00000084293	7.074518513	8.347406925	14.829172	7.249119049	7.161945863
ENSMUSG00000084294	9.904325918	3.478086219	9.179963621	8.054576721	5.729556691
ENSMUSG00000084295	8.489422215	6.956172438	6.35535943	5.638203705	3.580972932
ENSMUSG00000084296	4.952162959	3.478086219	5.649208382	5.638203705	7.161945863
ENSMUSG00000084297	10.61177777	13.21672763	6.35535943	7.249119049	7.87814045
ENSMUSG00000084298	7.074518513	8.347406925	6.35535943	3.221830688	5.013362104
ENSMUSG00000084299	9.196874066	6.956172438	9.179963621	4.02728836	10.7429188
ENSMUSG00000084300	5.65961481	5.56493795	2.118453143	0.805457672	4.297167518
ENSMUSG00000084301	14.85648888	18.78166558	21.18453143	24.16373016	19.33725383
ENSMUSG00000084302	5.65961481	10.43425866	9.886114669	6.443661377	12.17530797
ENSMUSG00000084303	4.244711108	1.391234488	2.824604191	3.221830688	4.297167518
ENSMUSG00000084304	9.196874066	6.260555194	12.00456781	9.665492065	11.45911338
ENSMUSG00000084305	5.65961481	5.56493795	2.824604191	2.416373016	2.864778345
ENSMUSG00000084306	8.489422215	10.43425866	12.00456781	6.443661377	7.87814045
ENSMUSG00000084307	11.31922962	9.043024169	9.179963621	8.054576721	8.594335036
ENSMUSG00000084308	5.65961481	2.086851731	5.649208382	3.221830688	4.297167518
ENSMUSG00000084309	12.02668147	7.651789682	7.061510478	4.02728836	10.02672421

ENSMUSG00000084310	8.489422215	6.956172438	12.71071886	7.249119049	7.161945863
ENSMUSG00000084311	9.904325918	6.956172438	4.943057334	1.610915344	7.161945863
ENSMUSG00000084312	8.489422215	11.1298759	10.59226572	6.443661377	10.7429188
ENSMUSG00000084313	9.196874066	5.56493795	9.179963621	1.610915344	2.864778345
ENSMUSG00000084314	7.781970364	7.651789682	9.179963621	7.249119049	5.013362104
ENSMUSG00000084315	7.781970364	11.82549314	7.061510478	11.27640741	4.297167518
ENSMUSG00000084316	13.44158517	4.869320706	3.530755239	5.638203705	10.02672421
ENSMUSG00000084318	9.904325918	4.173703463	7.767661525	6.443661377	5.013362104
ENSMUSG00000084319	12.02668147	8.347406925	8.473812573	12.08186508	17.90486466
ENSMUSG00000084320	5.65961481	11.1298759	13.41686991	9.665492065	10.7429188
ENSMUSG00000084322	9.196874066	9.043024169	6.35535943	6.443661377	5.013362104
ENSMUSG00000084323	9.196874066	8.347406925	8.473812573	8.860034393	4.297167518
ENSMUSG00000084324	2.122355554	0.695617244	0	0	0
ENSMUSG00000084325	5.65961481	6.260555194	4.943057334	8.860034393	6.445751277
ENSMUSG00000084326	12.73413332	9.043024169	8.473812573	2.416373016	5.013362104
ENSMUSG00000084327	3.537259256	4.869320706	4.943057334	2.416373016	2.864778345
ENSMUSG00000084328	9.904325918	11.1298759	8.473812573	3.221830688	5.729556691
ENSMUSG00000084329	13.44158517	13.21672763	12.00456781	15.30369577	12.17530797
ENSMUSG00000084330	4.952162959	2.782468975	3.530755239	2.416373016	2.864778345
ENSMUSG00000084331	2.829807405	2.086851731	1.412302096	4.02728836	3.580972932
ENSMUSG00000084332	9.196874066	6.956172438	2.824604191	3.221830688	10.02672421
ENSMUSG00000084333	9.196874066	6.260555194	4.236906287	10.47094974	4.297167518
ENSMUSG00000084334	3.537259256	4.869320706	8.473812573	4.02728836	3.580972932
ENSMUSG00000084335	7.781970364	8.347406925	13.41686991	8.860034393	10.02672421
ENSMUSG00000084336	8.489422215	5.56493795	11.29841676	6.443661377	10.02672421
ENSMUSG00000084337	4.244711108	4.869320706	2.824604191	2.416373016	3.580972932
ENSMUSG00000084338	7.074518513	8.347406925	4.943057334	12.08186508	6.445751277
ENSMUSG00000084339	9.904325918	10.43425866	8.473812573	4.02728836	7.161945863
ENSMUSG00000084340	10.61177777	14.60796212	12.00456781	7.249119049	8.594335036
ENSMUSG00000084341	5.65961481	0.695617244	5.649208382	2.416373016	3.580972932
ENSMUSG00000084342	12.73413332	11.1298759	6.35535943	7.249119049	5.013362104
ENSMUSG00000084343	6.367066661	6.956172438	4.943057334	6.443661377	5.729556691
ENSMUSG00000084344	14.85648888	10.43425866	9.179963621	10.47094974	8.594335036
ENSMUSG00000084345	7.781970364	2.782468975	9.886114669	4.02728836	12.17530797
ENSMUSG00000084346	16.27139258	4.869320706	9.179963621	4.02728836	5.729556691
ENSMUSG00000084347	10.61177777	4.173703463	7.767661525	7.249119049	10.02672421
ENSMUSG00000084348	4.952162959	6.956172438	7.767661525	4.832746033	9.310529622
ENSMUSG00000084349	7.781970364	9.043024169	5.649208382	17.72006879	17.18867007
ENSMUSG00000084350	28.29807405	23.65098629	28.24604191	19.33098413	18.62105924
ENSMUSG00000084351	8.489422215	6.956172438	7.061510478	4.02728836	7.87814045
ENSMUSG00000084352	8.489422215	9.043024169	6.35535943	4.02728836	5.013362104
ENSMUSG00000084353	7.074518513	8.347406925	12.00456781	8.860034393	9.310529622
ENSMUSG00000084354	12.02668147	4.869320706	6.35535943	5.638203705	5.729556691

ENSMUSG00000084355	4.244711108	1.391234488	7.061510478	3.221830688	6.445751277
ENSMUSG00000084356	10.61177777	11.1298759	5.649208382	5.638203705	5.729556691
ENSMUSG00000084357	9.196874066	7.651789682	4.943057334	2.416373016	11.45911338
ENSMUSG00000084358	16.97884443	5.56493795	9.179963621	6.443661377	8.594335036
ENSMUSG00000084359	4.244711108	6.260555194	7.061510478	4.02728836	5.729556691
ENSMUSG00000084360	9.196874066	5.56493795	5.649208382	4.832746033	5.729556691
ENSMUSG00000084361	4.952162959	3.478086219	2.118453143	2.416373016	2.148583759
ENSMUSG00000084362	309.156459	329.0269563	297.2895911	420.4489048	340.9086231
ENSMUSG00000084363	4.952162959	6.956172438	4.943057334	5.638203705	2.148583759
ENSMUSG00000084366	9.904325918	7.651789682	12.00456781	4.02728836	7.161945863
ENSMUSG00000084367	4.244711108	2.086851731	5.649208382	0	0.716194586
ENSMUSG00000084368	3.537259256	2.086851731	2.824604191	2.416373016	2.148583759
ENSMUSG00000084369	2.122355554	3.478086219	3.530755239	0	1.432389173
ENSMUSG00000084370	9.904325918	7.651789682	10.59226572	9.665492065	7.87814045
ENSMUSG00000084371	15.56394073	5.56493795	7.061510478	8.860034393	5.013362104
ENSMUSG00000084372	0.707451851	2.782468975	2.118453143	2.416373016	0.716194586
ENSMUSG00000084373	8.489422215	7.651789682	5.649208382	3.221830688	6.445751277
ENSMUSG00000084374	9.904325918	2.782468975	7.061510478	6.443661377	10.02672421
ENSMUSG00000084375	6.367066661	5.56493795	6.35535943	4.832746033	5.013362104
ENSMUSG00000084376	4.952162959	3.478086219	4.236906287	3.221830688	5.013362104
ENSMUSG00000084377	7.781970364	9.043024169	4.943057334	8.054576721	7.87814045
ENSMUSG00000084378	5.65961481	3.478086219	3.530755239	0.805457672	4.297167518
ENSMUSG00000084379	6.367066661	10.43425866	8.473812573	8.054576721	7.161945863
ENSMUSG00000084380	23.34591109	34.08524495	34.60140134	43.49471429	45.83645353
ENSMUSG00000084381	9.196874066	13.21672763	13.41686991	10.47094974	7.87814045
ENSMUSG00000084382	7.781970364	3.478086219	7.767661525	3.221830688	10.02672421
ENSMUSG00000084383	7.074518513	17.39043109	14.829172	12.08186508	12.89150255
ENSMUSG00000084384	7.074518513	6.260555194	3.530755239	4.02728836	10.7429188
ENSMUSG00000084385	9.196874066	3.478086219	7.061510478	5.638203705	5.013362104
ENSMUSG00000084386	11.31922962	4.173703463	5.649208382	4.832746033	7.161945863
ENSMUSG00000084387	7.781970364	6.260555194	7.767661525	3.221830688	6.445751277
ENSMUSG00000084390	4.952162959	4.173703463	4.943057334	2.416373016	3.580972932
ENSMUSG00000084391	8.489422215	6.956172438	3.530755239	2.416373016	12.17530797
ENSMUSG00000084392	1.414903703	2.782468975	7.061510478	8.054576721	2.864778345
ENSMUSG00000084393	17.68629628	9.738641413	9.179963621	9.665492065	6.445751277
ENSMUSG00000084394	5.65961481	2.782468975	4.236906287	1.610915344	6.445751277
ENSMUSG00000084395	5.65961481	5.56493795	6.35535943	5.638203705	4.297167518
ENSMUSG00000084396	2.829807405	3.478086219	1.412302096	0.805457672	4.297167518
ENSMUSG00000084397	6.367066661	2.782468975	4.943057334	3.221830688	5.729556691
ENSMUSG00000084399	14.14903703	2.782468975	8.473812573	4.02728836	7.161945863
ENSMUSG00000084400	5.65961481	6.260555194	5.649208382	9.665492065	8.594335036
ENSMUSG00000084401	6.367066661	9.043024169	7.061510478	4.832746033	10.7429188
ENSMUSG00000084402	9.904325918	2.782468975	5.649208382	4.832746033	4.297167518

ENSMUSG00000084403	4.952162959	11.1298759	9.179963621	4.02728836	7.87814045
ENSMUSG00000084404	11.31922962	9.043024169	7.061510478	7.249119049	10.02672421
ENSMUSG00000084405	9.196874066	6.260555194	7.061510478	3.221830688	3.580972932
ENSMUSG00000084407	16.97884443	7.651789682	10.59226572	12.08186508	18.62105924
ENSMUSG00000084408	26.88317035	40.34580014	38.83830763	41.07834128	27.93158887
ENSMUSG00000084411	23.34591109	26.43345526	28.24604191	18.52552646	17.18867007
ENSMUSG00000084412	11.31922962	6.956172438	10.59226572	6.443661377	7.161945863
ENSMUSG00000084413	7.781970364	7.651789682	16.94762515	4.02728836	8.594335036
ENSMUSG00000084414	4.952162959	4.869320706	11.29841676	3.221830688	10.02672421
ENSMUSG00000084415	15.56394073	5.56493795	9.179963621	5.638203705	5.013362104
ENSMUSG00000084416	8.489422215	10.43425866	7.061510478	21.74735715	15.7562809
ENSMUSG00000084417	10.61177777	6.260555194	4.943057334	3.221830688	10.7429188
ENSMUSG00000084418	7.074518513	11.1298759	7.767661525	5.638203705	9.310529622
ENSMUSG00000084419	23.34591109	43.12826911	46.60596915	36.24559524	34.37734014
ENSMUSG00000084421	7.074518513	6.956172438	8.473812573	3.221830688	2.864778345
ENSMUSG00000084422	29.0055259	34.08524495	31.0706461	24.16373016	29.36397804
ENSMUSG00000084423	8.489422215	16.69481385	15.53532305	15.30369577	7.161945863
ENSMUSG00000084425	4.952162959	8.347406925	13.41686991	4.02728836	6.445751277
ENSMUSG00000084426	7.781970364	6.260555194	9.886114669	5.638203705	5.013362104
ENSMUSG00000084428	6.367066661	0.695617244	7.767661525	4.832746033	6.445751277
ENSMUSG00000084431	10.61177777	8.347406925	5.649208382	2.416373016	10.02672421
ENSMUSG00000084432	6.367066661	5.56493795	9.179963621	4.02728836	5.013362104
ENSMUSG00000084433	24.05336294	45.91073809	38.13215658	70.88027514	47.2688427
ENSMUSG00000084435	13.44158517	6.956172438	7.061510478	10.47094974	3.580972932
ENSMUSG00000084437	122.3891703	199.642149	181.4808193	199.7535027	193.3725383
ENSMUSG00000084439	4.952162959	7.651789682	9.886114669	7.249119049	5.729556691
ENSMUSG00000084440	17.68629628	21.56413456	22.59683353	9.665492065	14.32389173
ENSMUSG00000084441	7.781970364	6.260555194	12.71071886	6.443661377	5.013362104
ENSMUSG00000084442	8.489422215	11.82549314	12.71071886	13.69278043	7.87814045
ENSMUSG00000084443	12.73413332	9.738641413	7.767661525	6.443661377	6.445751277
ENSMUSG00000084444	4.244711108	7.651789682	7.767661525	4.832746033	10.02672421
ENSMUSG00000084445	10.61177777	6.956172438	4.943057334	4.832746033	3.580972932
ENSMUSG00000084446	4.952162959	13.91234488	13.41686991	8.054576721	10.02672421
ENSMUSG00000084447	7.074518513	4.869320706	8.473812573	4.832746033	10.02672421
ENSMUSG00000084448	7.074518513	7.651789682	9.886114669	4.832746033	3.580972932
ENSMUSG00000084449	14.14903703	8.347406925	7.767661525	4.02728836	10.7429188
ENSMUSG00000084450	2.829807405	2.782468975	6.35535943	4.02728836	6.445751277
ENSMUSG00000084451	6.367066661	6.956172438	5.649208382	3.221830688	6.445751277
ENSMUSG00000084452	5.65961481	3.478086219	2.118453143	7.249119049	4.297167518
ENSMUSG00000084453	26.1757185	36.17209668	40.95676077	41.88379895	55.14698315
ENSMUSG00000084454	51.64398514	101.5601176	79.7950684	53.16020636	61.59273443
ENSMUSG00000084456	9.196874066	6.260555194	6.35535943	2.416373016	6.445751277
ENSMUSG00000084457	11.31922962	13.91234488	12.00456781	12.08186508	7.161945863

ENSMUSG0000084458	9.196874066	13.21672763	9.886114669	1.610915344	2.864778345
ENSMUSG0000084459	10.61177777	4.869320706	7.061510478	4.832746033	4.297167518
ENSMUSG0000084460	10.61177777	11.1298759	10.59226572	2.416373016	7.161945863
ENSMUSG0000084461	15.56394073	10.43425866	8.473812573	8.860034393	5.729556691
ENSMUSG0000084462	1.414903703	1.391234488	1.412302096	1.610915344	0
ENSMUSG0000084463	9.904325918	5.56493795	7.767661525	4.02728836	5.013362104
ENSMUSG0000084465	70.03773327	137.7322143	108.0411103	117.5968201	103.1320204
ENSMUSG0000084466	10.61177777	11.82549314	10.59226572	4.832746033	10.7429188
ENSMUSG0000084467	9.196874066	9.043024169	11.29841676	12.88732275	9.310529622
ENSMUSG0000084468	12.02668147	5.56493795	9.886114669	7.249119049	12.89150255
ENSMUSG0000084469	7.781970364	6.260555194	4.943057334	3.221830688	5.013362104
ENSMUSG0000084472	9.196874066	11.82549314	7.767661525	4.832746033	6.445751277
ENSMUSG0000084473	8.489422215	5.56493795	6.35535943	4.832746033	11.45911338
ENSMUSG0000084474	4.952162959	6.260555194	12.00456781	8.054576721	9.310529622
ENSMUSG0000084475	10.61177777	8.347406925	9.179963621	9.665492065	7.87814045
ENSMUSG0000084476	9.904325918	7.651789682	6.35535943	8.860034393	11.45911338
ENSMUSG0000084477	13.44158517	9.738641413	11.29841676	1.610915344	11.45911338
ENSMUSG0000084478	6.367066661	4.173703463	6.35535943	2.416373016	4.297167518
ENSMUSG0000084479	10.61177777	4.173703463	9.179963621	4.832746033	5.729556691
ENSMUSG0000084480	8.489422215	7.651789682	7.767661525	9.665492065	8.594335036
ENSMUSG0000084484	7.781970364	7.651789682	10.59226572	8.860034393	10.7429188
ENSMUSG0000084485	11.31922962	9.738641413	2.824604191	6.443661377	6.445751277
ENSMUSG0000084487	0	0	0	0	0
ENSMUSG0000084492	6.367066661	6.956172438	7.767661525	5.638203705	4.297167518
ENSMUSG0000084493	155.6394073	160.6875833	175.1254598	128.8732275	136.0769714
ENSMUSG0000084496	12.02668147	11.1298759	12.71071886	11.27640741	7.87814045
ENSMUSG0000084497	85.601674	86.25653823	98.15499564	175.5897725	141.0903335
ENSMUSG0000084498	14.14903703	8.347406925	5.649208382	4.02728836	7.161945863
ENSMUSG0000084500	7.074518513	5.56493795	7.061510478	3.221830688	3.580972932
ENSMUSG0000084501	8.489422215	6.260555194	7.061510478	5.638203705	12.17530797
ENSMUSG0000084502	9.196874066	7.651789682	7.767661525	7.249119049	7.87814045
ENSMUSG0000084503	7.074518513	4.173703463	5.649208382	5.638203705	6.445751277
ENSMUSG0000084504	149.9797925	141.2103005	127.1071886	277.8828969	178.332452
ENSMUSG0000084505	13.44158517	6.260555194	9.886114669	12.08186508	7.87814045
ENSMUSG0000084506	8.489422215	6.956172438	3.530755239	4.832746033	8.594335036
ENSMUSG0000084507	22.63845924	27.82468975	26.83373982	19.33098413	22.20203218
ENSMUSG0000084508	7.781970364	4.869320706	7.061510478	3.221830688	7.161945863
ENSMUSG0000084511	7.781970364	6.260555194	5.649208382	2.416373016	8.594335036
ENSMUSG0000084512	7.074518513	7.651789682	4.236906287	12.08186508	6.445751277
ENSMUSG0000084513	8.489422215	8.347406925	8.473812573	4.832746033	3.580972932
ENSMUSG0000084514	101.1656147	155.8182626	135.5810012	154.647873	118.1721067
ENSMUSG0000084515	13.44158517	5.56493795	8.473812573	6.443661377	2.864778345
ENSMUSG0000084516	3.537259256	9.043024169	5.649208382	8.860034393	7.161945863

ENSMUSG00000084517	7.781970364	9.738641413	3.530755239	5.638203705	3.580972932
ENSMUSG00000084518	4.244711108	4.173703463	7.767661525	8.054576721	3.580972932
ENSMUSG00000084519	46.69182218	50.08444155	47.3121202	122.4295662	95.97007457
ENSMUSG00000084521	9.196874066	12.52111039	5.649208382	8.860034393	3.580972932
ENSMUSG00000084522	10.61177777	9.738641413	9.179963621	14.4982381	18.62105924
ENSMUSG00000084523	0	0	0	0	1.432389173
ENSMUSG00000084524	9.196874066	10.43425866	4.236906287	2.416373016	10.02672421
ENSMUSG00000084526	27.5906222	36.17209668	43.07521391	53.96566403	48.70123187
ENSMUSG00000084527	9.196874066	11.82549314	12.00456781	11.27640741	8.594335036
ENSMUSG00000084530	11.31922962	9.043024169	4.943057334	4.832746033	7.87814045
ENSMUSG00000084531	8.489422215	8.347406925	7.767661525	4.832746033	5.013362104
ENSMUSG00000084532	10.61177777	9.043024169	9.886114669	3.221830688	5.729556691
ENSMUSG00000084535	0.707451851	0	0.706151048	0	0
ENSMUSG00000084536	4.952162959	6.260555194	9.886114669	4.02728836	8.594335036
ENSMUSG00000084537	8.489422215	10.43425866	7.061510478	8.054576721	10.7429188
ENSMUSG00000084539	4.952162959	4.173703463	7.767661525	2.416373016	5.013362104
ENSMUSG00000084540	8.489422215	7.651789682	5.649208382	5.638203705	5.729556691
ENSMUSG00000084541	6.367066661	9.043024169	9.886114669	8.860034393	6.445751277
ENSMUSG00000084543	184.6449332	244.8572698	212.5514654	329.4321879	254.9652727
ENSMUSG00000084544	10.61177777	4.869320706	4.943057334	4.02728836	2.864778345
ENSMUSG00000084545	8.489422215	8.347406925	9.179963621	5.638203705	12.17530797
ENSMUSG00000084546	9.196874066	8.347406925	9.179963621	1.610915344	6.445751277
ENSMUSG00000084547	12.73413332	6.260555194	5.649208382	9.665492065	8.594335036
ENSMUSG00000084548	9.196874066	5.56493795	4.236906287	5.638203705	4.297167518
ENSMUSG00000084549	1.414903703	0.695617244	1.412302096	1.610915344	2.864778345
ENSMUSG00000084550	9.904325918	4.869320706	4.943057334	4.832746033	3.580972932
ENSMUSG00000084551	7.781970364	9.738641413	6.35535943	9.665492065	5.013362104
ENSMUSG00000084552	7.074518513	9.043024169	6.35535943	3.221830688	7.87814045
ENSMUSG00000084555	12.73413332	9.738641413	15.53532305	11.27640741	12.17530797
ENSMUSG00000084557	3.537259256	4.173703463	2.824604191	7.249119049	4.297167518
ENSMUSG00000084558	19.10119998	25.04222078	23.30298458	12.88732275	12.89150255
ENSMUSG00000084559	0	0	0	0	0
ENSMUSG00000084560	9.196874066	8.347406925	7.767661525	4.832746033	5.729556691
ENSMUSG00000084562	11.31922962	15.30357936	5.649208382	17.72006879	12.89150255
ENSMUSG00000084564	0	0	0	0	0
ENSMUSG00000084565	0.707451851	1.391234488	2.118453143	3.221830688	2.148583759
ENSMUSG00000084566	9.904325918	6.260555194	9.886114669	5.638203705	7.161945863
ENSMUSG00000084567	8.489422215	7.651789682	9.179963621	5.638203705	8.594335036
ENSMUSG00000084568	14.14903703	9.043024169	6.35535943	4.832746033	5.013362104
ENSMUSG00000084569	18.39374813	17.39043109	14.12302096	13.69278043	9.310529622
ENSMUSG00000084571	37.49494812	47.30197258	36.71985448	33.82922223	45.12025894
ENSMUSG00000084572	47.39927403	70.95295887	51.54902649	69.2693598	55.86317773
ENSMUSG00000084573	9.904325918	6.260555194	7.061510478	3.221830688	7.161945863



ENSMUSG00000084574	8.489422215	4.173703463	4.943057334	8.054576721	9.310529622
ENSMUSG00000084575	16.27139258	27.12907251	26.12758877	24.96918783	22.91822676
ENSMUSG00000084576	16.97884443	6.260555194	9.179963621	4.02728836	7.87814045
ENSMUSG00000084579	14.14903703	6.260555194	7.061510478	4.02728836	8.594335036
ENSMUSG00000084581	9.904325918	5.56493795	7.061510478	6.443661377	12.17530797
ENSMUSG00000084582	33.95768886	44.5195036	42.36906287	44.30017197	47.2688427
ENSMUSG00000084583	9.904325918	16.69481385	9.179963621	6.443661377	8.594335036
ENSMUSG00000084584	5.65961481	18.78166558	11.29841676	4.832746033	12.89150255
ENSMUSG00000084587	26.1757185	44.5195036	42.36906287	25.77464551	31.5125618
ENSMUSG00000084588	7.074518513	9.738641413	7.061510478	5.638203705	4.297167518
ENSMUSG00000084589	6.367066661	6.260555194	9.179963621	0.805457672	4.297167518
ENSMUSG00000084590	9.904325918	20.86851731	16.94762515	17.72006879	16.47247549
ENSMUSG00000084591	16.97884443	11.82549314	13.41686991	5.638203705	11.45911338
ENSMUSG00000084592	14.14903703	22.2597518	19.06607829	19.33098413	18.62105924
ENSMUSG00000084593	35.37259256	77.9091313	57.19823487	42.68925662	51.56601022
ENSMUSG00000084595	14.14903703	5.56493795	10.59226572	5.638203705	5.013362104
ENSMUSG00000084596	12.73413332	9.043024169	4.943057334	4.832746033	7.87814045
ENSMUSG00000084597	19.10119998	34.78086219	41.66291182	20.1364418	17.18867007
ENSMUSG00000084598	4.244711108	3.478086219	4.943057334	0.805457672	5.013362104
ENSMUSG00000084599	9.196874066	9.738641413	10.59226572	8.860034393	10.7429188
ENSMUSG00000084600	13.44158517	7.651789682	12.71071886	13.69278043	5.013362104
ENSMUSG00000084601	22.63845924	34.78086219	34.60140134	28.19101852	35.80972932
ENSMUSG00000084602	8.489422215	7.651789682	9.179963621	8.054576721	7.161945863
ENSMUSG00000084603	18.39374813	20.86851731	25.42143772	26.58010318	30.79636721
ENSMUSG00000084604	0	0	0	0	0
ENSMUSG00000084605	10.61177777	9.043024169	7.767661525	5.638203705	4.297167518
ENSMUSG00000084606	7.074518513	8.347406925	4.236906287	4.02728836	9.310529622
ENSMUSG00000084607	11.31922962	7.651789682	13.41686991	6.443661377	10.02672421
ENSMUSG00000084608	7.074518513	8.347406925	6.35535943	0.805457672	9.310529622
ENSMUSG00000084609	12.02668147	4.173703463	9.886114669	5.638203705	6.445751277
ENSMUSG00000084610	6.367066661	11.1298759	7.061510478	4.832746033	10.7429188
ENSMUSG00000084611	127.3413332	160.6875833	184.3054235	107.9313281	98.83485292
ENSMUSG00000084612	4.244711108	2.782468975	4.236906287	2.416373016	3.580972932
ENSMUSG00000084613	8.489422215	4.173703463	5.649208382	4.832746033	10.02672421
ENSMUSG00000084616	4.952162959	2.782468975	4.236906287	3.221830688	1.432389173
ENSMUSG00000084617	6.367066661	7.651789682	4.943057334	8.860034393	8.594335036
ENSMUSG00000084619	12.02668147	9.043024169	7.061510478	6.443661377	2.148583759
ENSMUSG00000084620	11.31922962	4.173703463	7.767661525	4.832746033	6.445751277
ENSMUSG00000084621	64.37811846	128.6891901	124.2825844	265.8010318	196.2373167
ENSMUSG00000084622	11.31922962	11.1298759	7.061510478	8.054576721	9.310529622
ENSMUSG00000084624	13.44158517	6.956172438	11.29841676	8.054576721	6.445751277
ENSMUSG00000084625	19.80865184	24.34660353	22.59683353	28.19101852	30.79636721
ENSMUSG00000084627	8.489422215	10.43425866	4.236906287	7.249119049	11.45911338

ENSMUSG00000084628	11.31922962	5.56493795	7.767661525	7.249119049	10.7429188
ENSMUSG00000084629	1.414903703	2.782468975	3.530755239	3.221830688	2.864778345
ENSMUSG00000084630	11.31922962	6.260555194	10.59226572	6.443661377	5.013362104
ENSMUSG00000084631	4.952162959	6.956172438	5.649208382	0.805457672	3.580972932
ENSMUSG00000084632	14.85648888	24.34660353	21.18453143	16.10915344	20.769643
ENSMUSG00000084633	11.31922962	8.347406925	7.767661525	11.27640741	5.013362104
ENSMUSG00000084635	12.02668147	9.738641413	10.59226572	6.443661377	4.297167518
ENSMUSG00000084636	10.61177777	9.043024169	5.649208382	3.221830688	5.729556691
ENSMUSG00000084637	4.952162959	4.173703463	4.236906287	2.416373016	3.580972932
ENSMUSG00000084638	7.074518513	9.043024169	12.71071886	4.02728836	8.594335036
ENSMUSG00000084639	7.781970364	5.56493795	7.767661525	8.054576721	4.297167518
ENSMUSG00000084640	7.781970364	6.260555194	7.061510478	6.443661377	10.02672421
ENSMUSG00000084641	26.1757185	79.30036579	56.49208382	20.94189947	36.5259239
ENSMUSG00000084642	7.074518513	9.738641413	8.473812573	5.638203705	9.310529622
ENSMUSG00000084643	8.489422215	4.869320706	7.767661525	7.249119049	5.013362104
ENSMUSG00000084644	10.61177777	9.043024169	9.886114669	10.47094974	10.02672421
ENSMUSG00000084645	5.65961481	2.782468975	2.824604191	4.832746033	6.445751277
ENSMUSG00000084646	5.65961481	9.738641413	12.71071886	4.832746033	4.297167518
ENSMUSG00000084647	12.02668147	5.56493795	13.41686991	5.638203705	7.161945863
ENSMUSG00000084648	15.56394073	19.47728283	21.18453143	27.38556085	29.36397804
ENSMUSG00000084649	16.27139258	18.08604834	12.71071886	8.860034393	10.02672421
ENSMUSG00000084650	11.31922962	5.56493795	4.236906287	7.249119049	2.864778345
ENSMUSG00000084651	21.93100739	28.52030699	20.47838039	18.52552646	14.32389173
ENSMUSG00000084652	9.904325918	8.347406925	9.179963621	12.08186508	3.580972932
ENSMUSG00000084653	8.489422215	6.260555194	6.35535943	5.638203705	10.7429188
ENSMUSG00000084654	8.489422215	11.1298759	3.530755239	6.443661377	9.310529622
ENSMUSG00000084658	18.39374813	15.30357936	19.06607829	16.10915344	20.769643
ENSMUSG00000084659	24.76081479	34.08524495	37.42600553	13.69278043	21.48583759
ENSMUSG00000084660	14.85648888	5.56493795	8.473812573	7.249119049	6.445751277
ENSMUSG00000084661	11.31922962	6.956172438	8.473812573	4.02728836	2.864778345
ENSMUSG00000084663	0	0.695617244	0	0	0
ENSMUSG00000084664	3.537259256	5.56493795	7.767661525	3.221830688	3.580972932
ENSMUSG00000084665	12.73413332	10.43425866	6.35535943	7.249119049	6.445751277
ENSMUSG00000084666	9.196874066	2.086851731	7.767661525	8.054576721	7.161945863
ENSMUSG00000084667	0	0	0	0	0
ENSMUSG00000084668	7.781970364	9.043024169	8.473812573	6.443661377	10.02672421
ENSMUSG00000084669	8.489422215	2.086851731	8.473812573	3.221830688	5.013362104
ENSMUSG00000084671	10.61177777	6.260555194	5.649208382	4.02728836	3.580972932
ENSMUSG00000084673	122.3891703	173.2086937	167.3577983	170.7570265	130.3474147
ENSMUSG00000084674	9.904325918	20.86851731	21.89068248	8.860034393	14.32389173
ENSMUSG00000084675	14.14903703	8.347406925	4.236906287	5.638203705	6.445751277
ENSMUSG00000084678	7.074518513	10.43425866	13.41686991	6.443661377	7.161945863
ENSMUSG00000084682	9.196874066	9.043024169	14.829172	7.249119049	9.310529622

ENSMUSG00000084683	6.367066661	1.391234488	2.824604191	1.610915344	2.864778345
ENSMUSG00000084684	8.489422215	8.347406925	7.767661525	3.221830688	7.161945863
ENSMUSG00000084686	36.08004441	45.91073809	36.71985448	118.4022778	90.95671247
ENSMUSG00000084688	7.074518513	9.043024169	5.649208382	9.665492065	6.445751277
ENSMUSG00000084689	5.65961481	1.391234488	2.824604191	8.054576721	2.148583759
ENSMUSG00000084690	8.489422215	6.260555194	9.886114669	2.416373016	5.013362104
ENSMUSG00000084691	6.367066661	6.956172438	2.824604191	1.610915344	5.013362104
ENSMUSG00000084693	15.56394073	12.52111039	9.179963621	8.054576721	9.310529622
ENSMUSG00000084694	9.196874066	7.651789682	8.473812573	5.638203705	5.729556691
ENSMUSG00000084696	7.074518513	3.478086219	8.473812573	7.249119049	6.445751277
ENSMUSG00000084700	4.952162959	5.56493795	7.061510478	5.638203705	7.87814045
ENSMUSG00000084701	7.074518513	13.91234488	20.47838039	14.4982381	12.17530797
ENSMUSG00000084702	9.904325918	4.869320706	7.061510478	1.610915344	4.297167518
ENSMUSG00000084703	2.829807405	11.82549314	8.473812573	9.665492065	5.729556691
ENSMUSG00000084704	12.73413332	7.651789682	6.35535943	7.249119049	4.297167518
ENSMUSG00000084705	6.367066661	10.43425866	6.35535943	2.416373016	6.445751277
ENSMUSG00000084706	10.61177777	4.869320706	7.061510478	8.054576721	2.864778345
ENSMUSG00000084708	0	0	0	0	0
ENSMUSG00000084710	5.65961481	6.956172438	7.061510478	4.02728836	5.729556691
ENSMUSG00000084711	36.08004441	63.99678643	37.42600553	37.85651059	39.39070225
ENSMUSG00000084713	7.781970364	5.56493795	5.649208382	3.221830688	3.580972932
ENSMUSG00000084714	11.31922962	7.651789682	3.530755239	6.443661377	7.161945863
ENSMUSG00000084717	128.0487851	188.5122731	191.3669339	140.1496349	118.1721067
ENSMUSG00000084718	11.31922962	5.56493795	4.943057334	5.638203705	7.87814045
ENSMUSG00000084719	11.31922962	4.869320706	9.179963621	4.832746033	7.87814045
ENSMUSG00000084722	7.074518513	7.651789682	7.767661525	7.249119049	4.297167518
ENSMUSG00000084725	6.367066661	4.869320706	8.473812573	5.638203705	8.594335036
ENSMUSG00000084728	10.61177777	7.651789682	6.35535943	10.47094974	2.864778345
ENSMUSG00000084729	11.31922962	9.043024169	7.061510478	9.665492065	5.013362104
ENSMUSG00000084731	8.489422215	6.260555194	6.35535943	4.02728836	3.580972932
ENSMUSG00000084732	7.781970364	2.782468975	7.767661525	5.638203705	4.297167518
ENSMUSG00000084733	6.367066661	6.260555194	11.29841676	6.443661377	5.729556691
ENSMUSG00000084734	20.51610369	22.2597518	25.42143772	16.91461111	13.60769714
ENSMUSG00000084737	12.02668147	4.869320706	10.59226572	10.47094974	7.87814045
ENSMUSG00000084738	9.904325918	4.173703463	10.59226572	2.416373016	6.445751277
ENSMUSG00000084739	193.8418072	249.0309733	206.1961059	251.3027937	222.7365164
ENSMUSG00000084740	7.781970364	8.347406925	5.649208382	2.416373016	5.013362104
ENSMUSG00000084741	6.367066661	6.956172438	7.061510478	3.221830688	3.580972932
ENSMUSG00000084742	10.61177777	10.43425866	6.35535943	5.638203705	6.445751277
ENSMUSG00000084743	9.904325918	11.82549314	11.29841676	4.832746033	0.716194586
ENSMUSG00000084744	24.76081479	52.86691053	39.54445867	50.74383334	71.61945863
ENSMUSG00000084745	11.31922962	14.60796212	15.53532305	8.054576721	7.161945863
ENSMUSG00000084746	5.65961481	6.956172438	6.35535943	28.9964762	18.62105924

ENSMUSG00000084747	8.489422215	12.52111039	9.179963621	4.832746033	8.594335036
ENSMUSG00000084748	10.61177777	8.347406925	9.179963621	5.638203705	5.013362104
ENSMUSG00000084749	46.69182218	73.73542784	55.07978173	36.24559524	42.97167518
ENSMUSG00000084750	9.904325918	6.956172438	9.886114669	6.443661377	9.310529622
ENSMUSG00000084751	9.196874066	14.60796212	8.473812573	53.96566403	37.24211849
ENSMUSG00000084752	6.367066661	3.478086219	5.649208382	4.02728836	3.580972932
ENSMUSG00000084753	5.65961481	4.869320706	8.473812573	8.054576721	7.87814045
ENSMUSG00000084754	7.781970364	6.956172438	3.530755239	10.47094974	4.297167518
ENSMUSG00000084755	29.71297775	29.91154148	36.01370344	23.35827249	26.49919969
ENSMUSG00000084756	7.781970364	9.043024169	9.179963621	3.221830688	7.161945863
ENSMUSG00000084757	4.952162959	6.956172438	5.649208382	8.860034393	5.729556691
ENSMUSG00000084758	5.65961481	6.956172438	10.59226572	8.054576721	11.45911338
ENSMUSG00000084760	58.71850365	85.56092098	42.36906287	119.2077355	118.8883013
ENSMUSG00000084761	2.829807405	4.869320706	2.824604191	1.610915344	7.161945863
ENSMUSG00000084762	8.489422215	6.956172438	7.061510478	8.054576721	5.729556691
ENSMUSG00000084764	11.31922962	9.738641413	5.649208382	3.221830688	6.445751277
ENSMUSG00000084766	7.781970364	3.478086219	5.649208382	14.4982381	7.161945863
ENSMUSG00000084768	7.781970364	8.347406925	13.41686991	8.054576721	8.594335036
ENSMUSG00000084769	38.90985182	61.9099347	59.31668801	74.10210583	63.0251236
ENSMUSG00000084771	24.76081479	50.08444155	36.01370344	81.35122488	53.71459398
ENSMUSG00000084772	21.22355554	20.86851731	18.35992724	46.71654498	40.82309142
ENSMUSG00000084773	7.074518513	9.043024169	5.649208382	4.02728836	5.729556691
ENSMUSG00000084774	14.85648888	13.91234488	10.59226572	4.832746033	7.87814045
ENSMUSG00000084775	3.537259256	9.738641413	10.59226572	6.443661377	5.729556691
ENSMUSG00000084776	4.952162959	9.043024169	6.35535943	4.02728836	6.445751277
ENSMUSG00000084780	12.02668147	6.956172438	7.061510478	5.638203705	5.013362104
ENSMUSG00000084781	6.367066661	6.956172438	11.29841676	4.02728836	6.445751277
ENSMUSG00000084782	8.489422215	6.260555194	3.530755239	6.443661377	5.013362104
ENSMUSG00000084783	5.65961481	6.956172438	4.943057334	4.832746033	7.161945863
ENSMUSG00000084785	23.34591109	37.56333116	31.0706461	28.9964762	22.91822676
ENSMUSG00000084787	2.829807405	6.260555194	3.530755239	3.221830688	2.864778345
ENSMUSG00000084788	12.02668147	17.39043109	14.829172	8.054576721	7.87814045
ENSMUSG00000084789	7.074518513	23.65098629	16.2414741	12.88732275	15.7562809
ENSMUSG00000084790	8.489422215	9.043024169	9.886114669	4.832746033	9.310529622
ENSMUSG00000084791	9.904325918	5.56493795	9.179963621	4.832746033	5.729556691
ENSMUSG00000084792	12.73413332	21.56413456	16.2414741	12.88732275	18.62105924
ENSMUSG00000084793	7.074518513	6.260555194	8.473812573	5.638203705	6.445751277
ENSMUSG00000084794	3.537259256	5.56493795	4.236906287	1.610915344	5.013362104
ENSMUSG00000084795	9.196874066	7.651789682	7.767661525	6.443661377	8.594335036
ENSMUSG00000084796	175.4480591	167.6437558	174.4193088	318.1557805	215.5745705
ENSMUSG00000084797	7.074518513	17.39043109	20.47838039	26.58010318	25.06681052
ENSMUSG00000084798	12.02668147	8.347406925	7.767661525	5.638203705	4.297167518
ENSMUSG00000084799	119.5593629	159.2963488	136.2871522	254.5246244	219.871738

ENSMUSG00000084800	13.44158517	8.347406925	8.473812573	7.249119049	11.45911338
ENSMUSG00000084802	10.61177777	5.56493795	6.35535943	6.443661377	6.445751277
ENSMUSG00000084803	19.80865184	13.91234488	26.12758877	20.94189947	15.04008631
ENSMUSG00000084804	70.03773327	95.99517964	86.85657888	58.79841006	66.60609653
ENSMUSG00000084805	2.829807405	8.347406925	12.71071886	7.249119049	8.594335036
ENSMUSG00000084806	29.0055259	41.73703463	34.60140134	25.77464551	32.22875639
ENSMUSG00000084807	7.074518513	5.56493795	9.179963621	8.054576721	6.445751277
ENSMUSG00000084808	41.73965922	71.64857611	63.5535943	48.32746033	46.55264811
ENSMUSG00000084809	4.244711108	9.043024169	11.29841676	37.85651059	24.35061594
ENSMUSG00000084811	7.781970364	6.260555194	7.767661525	5.638203705	5.729556691
ENSMUSG00000084815	0	0	0	0	0
ENSMUSG00000084816	15.56394073	16.69481385	14.12302096	22.55281482	18.62105924
ENSMUSG00000084817	14.85648888	11.82549314	9.179963621	8.860034393	11.45911338
ENSMUSG00000084818	5.65961481	5.56493795	9.886114669	8.054576721	7.161945863
ENSMUSG00000084819	8.489422215	7.651789682	6.35535943	6.443661377	7.161945863
ENSMUSG00000084821	50.93653329	77.21351406	55.78593277	38.66196826	44.40406435
ENSMUSG00000084822	4.244711108	9.043024169	12.71071886	5.638203705	8.594335036
ENSMUSG00000084823	12.02668147	20.86851731	21.18453143	14.4982381	10.02672421
ENSMUSG00000084824	5.65961481	3.478086219	4.943057334	4.832746033	10.02672421
ENSMUSG00000084825	14.85648888	4.173703463	5.649208382	6.443661377	10.7429188
ENSMUSG00000084826	4.952162959	10.43425866	7.061510478	5.638203705	7.161945863
ENSMUSG00000084828	19.10119998	43.82388636	39.54445867	47.52200265	50.84981563
ENSMUSG00000084829	5.65961481	10.43425866	8.473812573	4.02728836	6.445751277
ENSMUSG00000084830	5.65961481	7.651789682	6.35535943	5.638203705	2.864778345
ENSMUSG00000084831	3.537259256	2.782468975	3.530755239	2.416373016	2.864778345
ENSMUSG00000084833	7.074518513	11.1298759	9.886114669	5.638203705	4.297167518
ENSMUSG00000084834	12.73413332	6.260555194	12.71071886	9.665492065	13.60769714
ENSMUSG00000084835	7.781970364	14.60796212	12.00456781	16.10915344	14.32389173
ENSMUSG00000084836	164.8362813	224.6843697	162.414741	101.4876667	110.2939663
ENSMUSG00000084837	9.196874066	3.478086219	5.649208382	2.416373016	7.87814045
ENSMUSG00000084838	8.489422215	13.91234488	15.53532305	20.1364418	15.04008631
ENSMUSG00000084839	9.196874066	11.1298759	12.71071886	8.860034393	15.04008631
ENSMUSG00000084840	7.781970364	6.956172438	9.179963621	4.02728836	8.594335036
ENSMUSG00000084842	7.074518513	1.391234488	7.061510478	1.610915344	3.580972932
ENSMUSG00000084843	9.196874066	4.173703463	7.767661525	5.638203705	6.445751277
ENSMUSG00000084844	12.02668147	6.260555194	4.236906287	4.832746033	5.013362104
ENSMUSG00000084846	19.80865184	29.21592424	21.89068248	18.52552646	12.17530797
ENSMUSG00000084847	3.537259256	4.173703463	2.824604191	3.221830688	10.02672421
ENSMUSG00000084848	12.02668147	3.478086219	7.767661525	6.443661377	6.445751277
ENSMUSG00000084849	9.196874066	7.651789682	6.35535943	4.832746033	8.594335036
ENSMUSG00000084850	13.44158517	9.043024169	7.767661525	8.054576721	6.445751277
ENSMUSG00000084851	10.61177777	4.869320706	4.943057334	5.638203705	5.729556691
ENSMUSG00000084852	3.537259256	4.173703463	2.824604191	4.832746033	2.864778345

ENSMUSG00000084853	4.952162959	4.173703463	4.236906287	8.860034393	5.729556691
ENSMUSG00000084854	19.80865184	22.95536904	18.35992724	49.132918	35.09353473
ENSMUSG00000084855	7.074518513	11.82549314	9.886114669	8.860034393	9.310529622
ENSMUSG00000084856	7.781970364	4.869320706	4.943057334	5.638203705	8.594335036
ENSMUSG00000084858	5.65961481	6.956172438	9.179963621	8.860034393	13.60769714
ENSMUSG00000084859	9.196874066	4.173703463	4.236906287	4.832746033	6.445751277
ENSMUSG00000084860	4.244711108	6.956172438	6.35535943	5.638203705	5.013362104
ENSMUSG00000084861	59.42595551	71.64857611	67.79050059	74.10210583	61.59273443
ENSMUSG00000084862	98.33580733	116.863697	121.4579802	87.79488626	103.1320204
ENSMUSG00000084863	2.829807405	8.347406925	11.29841676	2.416373016	10.02672421
ENSMUSG00000084864	10.61177777	17.39043109	18.35992724	14.4982381	15.7562809
ENSMUSG00000084865	7.074518513	3.478086219	6.35535943	4.02728836	5.729556691
ENSMUSG00000084866	16.27139258	29.21592424	22.59683353	31.41284921	18.62105924
ENSMUSG00000084869	48.10672589	87.64777272	64.25974535	49.132918	49.41742646
ENSMUSG00000084870	10.61177777	8.347406925	4.943057334	8.054576721	5.729556691
ENSMUSG00000084871	9.196874066	1.391234488	7.061510478	5.638203705	5.729556691
ENSMUSG00000084873	6.367066661	5.56493795	5.649208382	4.832746033	3.580972932
ENSMUSG00000084874	8.489422215	5.56493795	9.886114669	4.02728836	10.7429188
ENSMUSG00000084875	4.952162959	1.391234488	2.118453143	0	5.013362104
ENSMUSG00000084876	9.904325918	2.782468975	9.886114669	4.832746033	10.7429188
ENSMUSG00000084878	9.904325918	10.43425866	15.53532305	10.47094974	12.89150255
ENSMUSG00000084880	4.244711108	9.738641413	9.886114669	30.60739154	15.7562809
ENSMUSG00000084881	11.31922962	10.43425866	14.12302096	16.91461111	10.7429188
ENSMUSG00000084882	8.489422215	4.869320706	4.236906287	8.054576721	8.594335036
ENSMUSG00000084884	17.68629628	18.78166558	22.59683353	30.60739154	23.63442135
ENSMUSG00000084885	4.244711108	1.391234488	3.530755239	4.02728836	3.580972932
ENSMUSG00000084887	6.367066661	1.391234488	9.179963621	6.443661377	5.013362104
ENSMUSG00000084889	53.7663407	91.82147618	64.25974535	260.1628281	171.1705061
ENSMUSG00000084890	11.31922962	4.869320706	9.179963621	2.416373016	11.45911338
ENSMUSG00000084891	7.781970364	13.21672763	7.061510478	7.249119049	7.161945863
ENSMUSG00000084892	10.61177777	12.52111039	7.767661525	9.665492065	10.7429188
ENSMUSG00000084893	8.489422215	11.82549314	15.53532305	20.94189947	10.7429188
ENSMUSG00000084894	30.4204296	72.34419335	66.37819849	92.62763229	72.33565322
ENSMUSG00000084895	9.196874066	6.956172438	5.649208382	6.443661377	5.729556691
ENSMUSG00000084896	7.781970364	4.869320706	8.473812573	5.638203705	14.32389173
ENSMUSG00000084898	9.904325918	6.260555194	8.473812573	5.638203705	7.161945863
ENSMUSG00000084899	12.73413332	20.86851731	24.00913562	29.80193387	33.66114556
ENSMUSG00000084901	7.074518513	5.56493795	15.53532305	4.02728836	7.161945863
ENSMUSG00000084904	4.244711108	4.869320706	4.943057334	4.832746033	2.148583759
ENSMUSG00000084905	9.904325918	13.91234488	8.473812573	3.221830688	6.445751277
ENSMUSG00000084906	12.02668147	11.82549314	11.29841676	4.02728836	4.297167518
ENSMUSG00000084907	4.952162959	1.391234488	4.943057334	4.832746033	2.864778345
ENSMUSG00000084908	5.65961481	8.347406925	9.886114669	5.638203705	7.161945863

ENSMUSG00000084909	9.904325918	4.869320706	6.35535943	5.638203705	8.594335036
ENSMUSG00000084910	6.367066661	9.043024169	9.886114669	11.27640741	11.45911338
ENSMUSG00000084911	14.85648888	9.043024169	13.41686991	10.47094974	12.89150255
ENSMUSG00000084912	9.904325918	4.869320706	4.943057334	8.860034393	6.445751277
ENSMUSG00000084913	7.074518513	8.347406925	9.179963621	8.054576721	5.729556691
ENSMUSG00000084915	12.02668147	20.86851731	14.829172	15.30369577	17.18867007
ENSMUSG00000084916	5.65961481	7.651789682	7.767661525	3.221830688	5.013362104
ENSMUSG00000084917	9.196874066	20.17290007	14.12302096	16.91461111	19.33725383
ENSMUSG00000084918	6.367066661	11.82549314	12.71071886	9.665492065	6.445751277
ENSMUSG00000084919	11.31922962	4.869320706	10.59226572	4.832746033	8.594335036
ENSMUSG00000084920	7.074518513	2.782468975	2.824604191	1.610915344	4.297167518
ENSMUSG00000084921	8.489422215	6.260555194	6.35535943	4.832746033	7.161945863
ENSMUSG00000084923	3.537259256	6.260555194	4.236906287	4.02728836	6.445751277
ENSMUSG00000084924	7.074518513	6.956172438	8.473812573	4.832746033	6.445751277
ENSMUSG00000084925	94.09109622	132.8628936	105.2165061	193.3098413	147.5360848
ENSMUSG00000084929	10.61177777	7.651789682	7.061510478	5.638203705	3.580972932
ENSMUSG00000084930	10.61177777	11.1298759	17.65377619	11.27640741	12.89150255
ENSMUSG00000084932	3.537259256	1.391234488	0.706151048	0	0.716194586
ENSMUSG00000084933	6.367066661	15.30357936	9.886114669	4.02728836	7.161945863
ENSMUSG00000084934	11.31922962	4.173703463	5.649208382	8.860034393	7.87814045
ENSMUSG00000084935	7.074518513	6.260555194	3.530755239	4.02728836	8.594335036
ENSMUSG00000084936	12.02668147	13.21672763	11.29841676	35.44013757	28.64778345
ENSMUSG00000084937	12.73413332	6.956172438	8.473812573	4.02728836	2.864778345
ENSMUSG00000084938	5.65961481	7.651789682	9.886114669	7.249119049	5.013362104
ENSMUSG00000084939	10.61177777	6.956172438	3.530755239	4.832746033	3.580972932
ENSMUSG00000084940	7.781970364	2.782468975	7.061510478	8.860034393	6.445751277
ENSMUSG00000084941	16.97884443	16.69481385	22.59683353	18.52552646	13.60769714
ENSMUSG00000084942	12.02668147	10.43425866	9.179963621	4.02728836	9.310529622
ENSMUSG00000084944	6.367066661	2.086851731	7.061510478	1.610915344	5.729556691
ENSMUSG00000084946	7.074518513	3.478086219	4.943057334	6.443661377	5.013362104
ENSMUSG00000084947	7.781970364	10.43425866	9.179963621	5.638203705	8.594335036
ENSMUSG00000084948	6.367066661	8.347406925	6.35535943	5.638203705	7.87814045
ENSMUSG00000084949	7.781970364	6.260555194	9.886114669	4.832746033	7.87814045
ENSMUSG00000084950	7.074518513	4.869320706	7.767661525	8.054576721	7.161945863
ENSMUSG00000084951	14.85648888	24.34660353	17.65377619	26.58010318	20.05344842
ENSMUSG00000084954	5.65961481	7.651789682	9.886114669	4.02728836	6.445751277
ENSMUSG00000084955	12.73413332	6.260555194	4.236906287	6.443661377	7.87814045
ENSMUSG00000084956	9.196874066	8.347406925	11.29841676	8.054576721	3.580972932
ENSMUSG00000084959	13.44158517	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG00000084960	11.31922962	4.173703463	9.886114669	5.638203705	5.729556691
ENSMUSG00000084962	12.02668147	6.956172438	4.943057334	12.08186508	10.02672421
ENSMUSG00000084963	3.537259256	2.782468975	7.767661525	3.221830688	4.297167518
ENSMUSG00000084964	19.10119998	13.91234488	17.65377619	14.4982381	20.769643

ENSMUSG00000084965	10.61177777	6.260555194	7.061510478	11.27640741	5.729556691
ENSMUSG00000084966	15.56394073	5.56493795	12.00456781	4.02728836	5.013362104
ENSMUSG00000084967	4.244711108	6.956172438	4.943057334	8.054576721	5.013362104
ENSMUSG00000084968	43.86201478	65.38802092	63.5535943	62.82569842	67.32229112
ENSMUSG00000084969	16.97884443	31.30277597	25.42143772	26.58010318	28.64778345
ENSMUSG00000084970	7.074518513	3.478086219	6.35535943	3.221830688	5.013362104
ENSMUSG00000084971	7.781970364	2.782468975	6.35535943	6.443661377	7.87814045
ENSMUSG00000084973	4.952162959	2.782468975	7.061510478	8.860034393	5.729556691
ENSMUSG00000084974	12.02668147	3.478086219	9.179963621	6.443661377	6.445751277
ENSMUSG00000084978	12.02668147	18.08604834	22.59683353	23.35827249	21.48583759
ENSMUSG00000084979	12.02668147	6.260555194	8.473812573	6.443661377	4.297167518
ENSMUSG00000084980	4.952162959	2.086851731	9.179963621	3.221830688	6.445751277
ENSMUSG00000084981	7.781970364	6.956172438	7.061510478	5.638203705	4.297167518
ENSMUSG00000084982	4.952162959	10.43425866	5.649208382	4.832746033	5.013362104
ENSMUSG00000084983	9.904325918	9.043024169	9.179963621	8.860034393	8.594335036
ENSMUSG00000084984	19.10119998	24.34660353	29.65834401	19.33098413	23.63442135
ENSMUSG00000084985	12.02668147	12.52111039	10.59226572	12.08186508	12.17530797
ENSMUSG00000084986	11.31922962	6.956172438	5.649208382	9.665492065	9.310529622
ENSMUSG00000084987	9.196874066	5.56493795	6.35535943	5.638203705	7.161945863
ENSMUSG00000084989	4.952162959	6.260555194	13.41686991	7.249119049	7.87814045
ENSMUSG00000084990	5.65961481	7.651789682	3.530755239	4.832746033	7.161945863
ENSMUSG00000084991	15.56394073	13.91234488	11.29841676	12.08186508	9.310529622
ENSMUSG00000084992	5.65961481	8.347406925	9.179963621	7.249119049	5.729556691
ENSMUSG00000084993	7.781970364	3.478086219	7.061510478	5.638203705	4.297167518
ENSMUSG00000084994	7.781970364	6.260555194	5.649208382	3.221830688	6.445751277
ENSMUSG00000084995	5.65961481	6.956172438	5.649208382	7.249119049	9.310529622
ENSMUSG00000084996	9.904325918	2.782468975	4.943057334	3.221830688	7.87814045
ENSMUSG00000084997	16.27139258	29.21592424	21.89068248	34.6346799	23.63442135
ENSMUSG00000084998	28.29807405	29.91154148	31.0706461	70.88027514	47.2688427
ENSMUSG00000084999	7.781970364	6.260555194	7.061510478	16.10915344	7.87814045
ENSMUSG00000085000	4.244711108	4.173703463	5.649208382	4.832746033	6.445751277
ENSMUSG00000085001	7.074518513	9.043024169	8.473812573	9.665492065	7.161945863
ENSMUSG00000085002	9.904325918	2.782468975	11.29841676	6.443661377	9.310529622
ENSMUSG00000085003	14.14903703	18.08604834	15.53532305	6.443661377	13.60769714
ENSMUSG00000085004	9.904325918	8.347406925	8.473812573	5.638203705	7.161945863
ENSMUSG00000085006	8.489422215	8.347406925	12.00456781	8.860034393	12.89150255
ENSMUSG00000085007	5.65961481	7.651789682	5.649208382	8.054576721	5.013362104
ENSMUSG00000085008	7.781970364	5.56493795	7.767661525	8.054576721	12.17530797
ENSMUSG00000085009	41.03220737	52.17129328	52.25517753	85.37851324	58.72795608
ENSMUSG00000085010	2.122355554	0.695617244	3.530755239	5.638203705	5.013362104
ENSMUSG00000085012	17.68629628	23.65098629	23.30298458	42.68925662	42.25548059
ENSMUSG00000085014	5.65961481	5.56493795	7.061510478	6.443661377	7.87814045
ENSMUSG00000085015	2.122355554	1.391234488	1.412302096	3.221830688	5.013362104



ENSMUSG0000085016	4.952162959	6.956172438	9.886114669	7.249119049	7.161945863
ENSMUSG0000085017	8.489422215	7.651789682	7.061510478	6.443661377	9.310529622
ENSMUSG0000085019	12.02668147	5.56493795	9.886114669	8.054576721	5.013362104
ENSMUSG0000085020	8.489422215	4.869320706	7.767661525	4.832746033	7.161945863
ENSMUSG0000085021	12.73413332	7.651789682	9.179963621	3.221830688	7.87814045
ENSMUSG0000085022	9.904325918	9.738641413	5.649208382	6.443661377	5.013362104
ENSMUSG0000085023	10.61177777	4.173703463	9.179963621	8.054576721	12.17530797
ENSMUSG0000085024	4.952162959	5.56493795	7.061510478	6.443661377	5.729556691
ENSMUSG0000085025	9.904325918	4.869320706	4.943057334	8.054576721	8.594335036
ENSMUSG0000085026	12.02668147	6.956172438	12.71071886	8.860034393	5.013362104
ENSMUSG0000085027	4.952162959	6.260555194	6.35535943	4.832746033	3.580972932
ENSMUSG0000085028	6.367066661	11.1298759	10.59226572	8.860034393	12.17530797
ENSMUSG0000085029	9.904325918	7.651789682	5.649208382	3.221830688	3.580972932
ENSMUSG0000085030	14.14903703	6.260555194	8.473812573	9.665492065	9.310529622
ENSMUSG0000085032	9.196874066	4.173703463	9.179963621	13.69278043	12.17530797
ENSMUSG0000085033	21.22355554	29.21592424	28.24604191	13.69278043	21.48583759
ENSMUSG0000085034	6.367066661	3.478086219	9.179963621	4.832746033	1.432389173
ENSMUSG0000085035	7.074518513	6.956172438	5.649208382	9.665492065	6.445751277
ENSMUSG0000085036	9.904325918	5.56493795	9.179963621	6.443661377	10.02672421
ENSMUSG0000085037	35.37259256	70.25734162	56.49208382	77.32393652	85.94335036
ENSMUSG0000085039	84.1867703	97.38641413	102.3919019	188.4770953	136.0769714
ENSMUSG0000085041	4.952162959	6.956172438	8.473812573	6.443661377	6.445751277
ENSMUSG0000085042	14.14903703	17.39043109	26.83373982	12.88732275	11.45911338
ENSMUSG0000085043	24.76081479	18.78166558	16.94762515	49.93837567	40.82309142
ENSMUSG0000085044	9.196874066	6.956172438	7.767661525	4.02728836	5.729556691
ENSMUSG0000085045	7.074518513	6.956172438	11.29841676	5.638203705	10.02672421
ENSMUSG0000085046	10.61177777	7.651789682	2.824604191	6.443661377	11.45911338
ENSMUSG0000085047	7.781970364	11.1298759	4.943057334	7.249119049	6.445751277
ENSMUSG0000085048	16.97884443	11.1298759	9.886114669	12.08186508	10.7429188
ENSMUSG0000085049	5.65961481	8.347406925	5.649208382	8.860034393	2.148583759
ENSMUSG0000085051	23.34591109	50.7800588	43.78136496	19.33098413	29.36397804
ENSMUSG0000085053	2.122355554	1.391234488	1.412302096	2.416373016	5.729556691
ENSMUSG0000085054	38.90985182	73.0398106	56.49208382	132.0950582	84.51096119
ENSMUSG0000085055	9.904325918	7.651789682	7.061510478	12.08186508	4.297167518
ENSMUSG0000085057	14.14903703	7.651789682	4.943057334	7.249119049	9.310529622
ENSMUSG0000085058	9.196874066	9.043024169	7.767661525	6.443661377	11.45911338
ENSMUSG0000085059	9.904325918	6.956172438	4.236906287	4.832746033	7.87814045
ENSMUSG0000085060	4.244711108	4.869320706	5.649208382	5.638203705	4.297167518
ENSMUSG0000085063	23.34591109	25.04222078	24.71528667	20.94189947	24.35061594
ENSMUSG0000085066	6.367066661	4.869320706	4.943057334	4.02728836	2.864778345
ENSMUSG0000085067	9.904325918	7.651789682	8.473812573	4.832746033	4.297167518
ENSMUSG0000085068	6.367066661	5.56493795	11.29841676	6.443661377	10.02672421
ENSMUSG0000085069	8.489422215	4.869320706	6.35535943	4.02728836	7.87814045

ENSMUSG0000085070	7.074518513	5.56493795	5.649208382	4.832746033	7.87814045
ENSMUSG0000085071	11.31922962	7.651789682	3.530755239	3.221830688	8.594335036
ENSMUSG0000085072	24.05336294	47.30197258	42.36906287	20.1364418	22.91822676
ENSMUSG0000085073	5.65961481	6.956172438	1.412302096	4.832746033	0
ENSMUSG0000085074	6.367066661	5.56493795	12.00456781	8.860034393	8.594335036
ENSMUSG0000085075	7.781970364	2.086851731	8.473812573	4.832746033	5.013362104
ENSMUSG0000085077	12.02668147	4.173703463	4.943057334	4.832746033	4.297167518
ENSMUSG0000085078	24.76081479	54.95376226	50.84287544	28.19101852	26.49919969
ENSMUSG0000085080	21.93100739	23.65098629	29.65834401	31.41284921	20.769643
ENSMUSG0000085081	9.904325918	8.347406925	7.061510478	8.860034393	10.7429188
ENSMUSG0000085082	9.904325918	10.43425866	7.061510478	9.665492065	1.432389173
ENSMUSG0000085083	8.489422215	7.651789682	9.179963621	6.443661377	11.45911338
ENSMUSG0000085084	8.489422215	4.173703463	4.236906287	6.443661377	5.013362104
ENSMUSG0000085085	46.69182218	63.30116918	60.02283906	305.2684577	244.2223539
ENSMUSG0000085087	9.196874066	11.1298759	9.179963621	4.02728836	12.17530797
ENSMUSG0000085088	43.15456293	66.08363816	60.02283906	81.35122488	70.90326405
ENSMUSG0000085089	11.31922962	13.21672763	11.29841676	9.665492065	5.729556691
ENSMUSG0000085090	13.44158517	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG0000085091	6.367066661	7.651789682	5.649208382	3.221830688	7.161945863
ENSMUSG0000085093	59.42595551	93.90832791	88.26888097	50.74383334	59.44415067
ENSMUSG0000085094	13.44158517	8.347406925	9.886114669	2.416373016	7.161945863
ENSMUSG0000085095	8.489422215	5.56493795	7.061510478	6.443661377	7.87814045
ENSMUSG0000085097	9.904325918	5.56493795	10.59226572	5.638203705	6.445751277
ENSMUSG0000085099	82.7718666	120.3417832	129.2256417	170.7570265	162.5761711
ENSMUSG0000085100	12.02668147	7.651789682	7.767661525	8.054576721	7.87814045
ENSMUSG0000085101	16.27139258	13.91234488	12.00456781	12.08186508	18.62105924
ENSMUSG0000085102	73.57499253	116.1680797	108.7472614	197.3371297	146.1036956
ENSMUSG0000085103	6.367066661	5.56493795	4.943057334	4.832746033	5.013362104
ENSMUSG0000085104	8.489422215	9.738641413	9.179963621	7.249119049	5.729556691
ENSMUSG0000085105	9.196874066	9.738641413	6.35535943	10.47094974	12.89150255
ENSMUSG0000085106	5.65961481	10.43425866	6.35535943	4.02728836	4.297167518
ENSMUSG0000085107	6.367066661	0.695617244	4.943057334	1.610915344	1.432389173
ENSMUSG0000085108	8.489422215	4.869320706	10.59226572	7.249119049	7.87814045
ENSMUSG0000085109	86.30912585	130.0804246	112.2780166	42.68925662	47.98503729
ENSMUSG0000085110	15.56394073	8.347406925	11.29841676	4.832746033	7.161945863
ENSMUSG0000085112	50.93653329	72.34419335	59.31668801	82.15668255	58.72795608
ENSMUSG0000085113	8.489422215	9.738641413	12.71071886	7.249119049	5.729556691
ENSMUSG0000085114	3.537259256	1.391234488	4.236906287	2.416373016	5.729556691
ENSMUSG0000085115	6.367066661	8.347406925	9.886114669	8.054576721	6.445751277
ENSMUSG0000085116	6.367066661	6.956172438	3.530755239	6.443661377	7.87814045
ENSMUSG0000085118	19.10119998	17.39043109	19.06607829	5.638203705	10.7429188
ENSMUSG0000085120	12.73413332	11.1298759	7.767661525	5.638203705	5.729556691
ENSMUSG0000085121	12.73413332	7.651789682	6.35535943	5.638203705	5.729556691

ENSMUSG0000085122	9.196874066	3.478086219	10.59226572	7.249119049	8.594335036
ENSMUSG0000085123	8.489422215	9.043024169	2.824604191	5.638203705	8.594335036
ENSMUSG0000085124	8.489422215	10.43425866	11.29841676	5.638203705	10.7429188
ENSMUSG0000085125	4.244711108	12.52111039	2.824604191	3.221830688	6.445751277
ENSMUSG0000085126	3.537259256	8.347406925	4.236906287	7.249119049	8.594335036
ENSMUSG0000085127	8.489422215	15.99919661	18.35992724	12.88732275	14.32389173
ENSMUSG0000085129	7.781970364	3.478086219	8.473812573	8.860034393	5.013362104
ENSMUSG0000085130	7.074518513	8.347406925	7.767661525	8.054576721	4.297167518
ENSMUSG0000085132	4.952162959	11.1298759	9.179963621	3.221830688	10.02672421
ENSMUSG0000085133	4.952162959	6.260555194	4.943057334	3.221830688	9.310529622
ENSMUSG0000085134	7.074518513	5.56493795	8.473812573	4.02728836	5.013362104
ENSMUSG0000085135	8.489422215	9.738641413	5.649208382	4.832746033	4.297167518
ENSMUSG0000085139	5.65961481	4.869320706	3.530755239	0.805457672	1.432389173
ENSMUSG0000085141	1.414903703	8.347406925	4.236906287	3.221830688	3.580972932
ENSMUSG0000085142	4.244711108	7.651789682	10.59226572	4.02728836	5.729556691
ENSMUSG0000085143	72.86754068	95.99517964	86.15042783	178.0061455	141.0903335
ENSMUSG0000085145	17.68629628	21.56413456	14.829172	13.69278043	10.02672421
ENSMUSG0000085146	5.65961481	3.478086219	2.118453143	6.443661377	2.148583759
ENSMUSG0000085147	9.904325918	9.738641413	8.473812573	2.416373016	5.729556691
ENSMUSG0000085148	1.414903703	3.478086219	2.118453143	5.638203705	2.864778345
ENSMUSG0000085150	12.02668147	9.738641413	9.886114669	7.249119049	5.729556691
ENSMUSG0000085151	7.781970364	10.43425866	7.767661525	8.054576721	12.17530797
ENSMUSG0000085152	9.904325918	20.17290007	24.00913562	13.69278043	18.62105924
ENSMUSG0000085154	47.39927403	75.12666233	57.90438592	97.46037832	78.7814045
ENSMUSG0000085155	13.44158517	10.43425866	10.59226572	6.443661377	9.310529622
ENSMUSG0000085156	4.244711108	2.782468975	4.236906287	3.221830688	2.148583759
ENSMUSG0000085157	3.537259256	0.695617244	1.412302096	0	5.013362104
ENSMUSG0000085158	9.904325918	5.56493795	7.061510478	5.638203705	7.87814045
ENSMUSG0000085160	12.73413332	8.347406925	7.767661525	6.443661377	4.297167518
ENSMUSG0000085161	10.61177777	5.56493795	7.061510478	9.665492065	12.17530797
ENSMUSG0000085162	7.781970364	6.956172438	8.473812573	6.443661377	7.161945863
ENSMUSG0000085165	19.10119998	32.69401046	27.53989086	47.52200265	42.25548059
ENSMUSG0000085166	16.97884443	17.39043109	16.94762515	19.33098413	17.90486466
ENSMUSG0000085167	9.196874066	20.86851731	19.77222934	33.02376456	17.90486466
ENSMUSG0000085168	11.31922962	6.956172438	13.41686991	10.47094974	8.594335036
ENSMUSG0000085169	37.49494812	82.08283477	57.90438592	64.43661377	71.61945863
ENSMUSG0000085170	19.10119998	34.78086219	19.77222934	20.1364418	19.33725383
ENSMUSG0000085171	12.02668147	8.347406925	5.649208382	8.860034393	10.02672421
ENSMUSG0000085172	12.73413332	13.91234488	10.59226572	12.88732275	12.17530797
ENSMUSG0000085173	7.781970364	4.869320706	6.35535943	7.249119049	7.161945863
ENSMUSG0000085174	19.80865184	19.47728283	16.94762515	12.88732275	22.20203218
ENSMUSG0000085175	39.61730367	67.47487265	47.3121202	76.51847885	85.94335036
ENSMUSG0000085176	9.196874066	11.82549314	7.061510478	4.832746033	5.729556691

ENSMUSG0000085177	22.63845924	31.30277597	28.95219296	22.55281482	21.48583759
ENSMUSG0000085178	13.44158517	18.08604834	16.2414741	24.96918783	22.20203218
ENSMUSG0000085179	7.781970364	3.478086219	8.473812573	8.054576721	11.45911338
ENSMUSG0000085180	20.51610369	26.43345526	16.2414741	14.4982381	14.32389173
ENSMUSG0000085181	9.196874066	9.043024169	5.649208382	5.638203705	5.013362104
ENSMUSG0000085182	7.074518513	6.956172438	5.649208382	3.221830688	7.87814045
ENSMUSG0000085183	7.074518513	4.173703463	4.943057334	3.221830688	5.013362104
ENSMUSG0000085184	6.367066661	7.651789682	5.649208382	1.610915344	5.729556691
ENSMUSG0000085185	12.02668147	4.869320706	7.767661525	6.443661377	9.310529622
ENSMUSG0000085186	10.61177777	4.869320706	12.00456781	5.638203705	7.161945863
ENSMUSG0000085187	5.65961481	4.173703463	9.179963621	0.805457672	15.7562809
ENSMUSG0000085188	4.952162959	9.043024169	4.236906287	7.249119049	11.45911338
ENSMUSG0000085189	6.367066661	19.47728283	12.71071886	17.72006879	10.7429188
ENSMUSG0000085192	18.39374813	31.99839321	22.59683353	22.55281482	25.78300511
ENSMUSG0000085193	8.489422215	7.651789682	9.886114669	4.832746033	4.297167518
ENSMUSG0000085194	4.244711108	0.695617244	0.706151048	5.638203705	2.148583759
ENSMUSG0000085196	20.51610369	37.56333116	29.65834401	60.40932541	51.56601022
ENSMUSG0000085197	7.781970364	6.956172438	9.886114669	2.416373016	5.729556691
ENSMUSG0000085198	6.367066661	5.56493795	9.179963621	7.249119049	2.864778345
ENSMUSG0000085199	36.78749627	49.38882431	45.8998181	20.1364418	31.5125618
ENSMUSG0000085201	7.074518513	11.1298759	6.35535943	12.88732275	9.310529622
ENSMUSG0000085202	7.074518513	11.82549314	6.35535943	3.221830688	6.445751277
ENSMUSG0000085203	6.367066661	4.173703463	2.118453143	9.665492065	7.87814045
ENSMUSG0000085204	79.94205919	111.298759	99.56729774	159.4806191	139.6579443
ENSMUSG0000085205	285.1030961	267.8126389	269.7497002	205.3917064	167.5895332
ENSMUSG0000085206	16.97884443	29.91154148	31.0706461	26.58010318	32.94495097
ENSMUSG0000085207	15.56394073	27.82468975	26.83373982	44.30017197	39.39070225
ENSMUSG0000085208	77.11225179	98.08203137	77.67661525	132.9005159	105.2806042
ENSMUSG0000085209	9.196874066	12.52111039	4.236906287	3.221830688	2.864778345
ENSMUSG0000085211	16.27139258	30.60715873	31.77679715	28.19101852	27.93158887
ENSMUSG0000085213	154.2245036	164.8612868	176.5377619	128.0677699	104.5644096
ENSMUSG0000085214	24.76081479	31.99839321	28.24604191	21.74735715	28.64778345
ENSMUSG0000085217	9.904325918	9.043024169	7.767661525	5.638203705	5.013362104
ENSMUSG0000085218	5.65961481	6.260555194	6.35535943	1.610915344	3.580972932
ENSMUSG0000085220	7.074518513	2.782468975	7.061510478	2.416373016	6.445751277
ENSMUSG0000085221	12.02668147	3.478086219	5.649208382	3.221830688	5.729556691
ENSMUSG0000085222	10.61177777	9.043024169	6.35535943	7.249119049	3.580972932
ENSMUSG0000085223	8.489422215	4.869320706	9.886114669	9.665492065	7.87814045
ENSMUSG0000085224	4.952162959	5.56493795	5.649208382	4.02728836	5.729556691
ENSMUSG0000085225	10.61177777	9.738641413	9.886114669	5.638203705	10.7429188
ENSMUSG0000085226	5.65961481	6.260555194	4.943057334	3.221830688	6.445751277
ENSMUSG0000085227	43.86201478	80.69160028	59.31668801	67.65844446	60.16034525
ENSMUSG0000085228	2.829807405	4.173703463	0.706151048	0.805457672	2.148583759

ENSMUSG0000085229	37.49494812	71.64857611	64.25974535	36.24559524	32.94495097
ENSMUSG0000085230	3.537259256	6.260555194	4.943057334	8.054576721	10.02672421
ENSMUSG0000085232	10.61177777	11.82549314	9.179963621	7.249119049	7.161945863
ENSMUSG0000085234	8.489422215	8.347406925	9.179963621	4.832746033	9.310529622
ENSMUSG0000085235	3.537259256	8.347406925	4.943057334	17.72006879	21.48583759
ENSMUSG0000085236	75.69734809	94.60394515	96.74269354	84.57305557	79.49759908
ENSMUSG0000085237	2.829807405	2.086851731	3.530755239	3.221830688	3.580972932
ENSMUSG0000085238	5.65961481	11.1298759	9.886114669	7.249119049	8.594335036
ENSMUSG0000085239	10.61177777	11.1298759	11.29841676	4.02728836	7.161945863
ENSMUSG0000085240	9.904325918	6.260555194	6.35535943	1.610915344	6.445751277
ENSMUSG0000085241	0	0	1.412302096	1.610915344	0.716194586
ENSMUSG0000085242	11.31922962	13.91234488	10.59226572	14.4982381	13.60769714
ENSMUSG0000085244	8.489422215	9.043024169	7.061510478	5.638203705	8.594335036
ENSMUSG0000085245	38.90985182	61.21431745	69.90895373	16.91461111	20.05344842
ENSMUSG0000085246	7.781970364	10.43425866	12.00456781	4.832746033	10.02672421
ENSMUSG0000085247	10.61177777	6.956172438	7.061510478	7.249119049	5.729556691
ENSMUSG0000085248	11.31922962	7.651789682	4.943057334	4.02728836	1.432389173
ENSMUSG0000085249	7.781970364	6.956172438	8.473812573	10.47094974	5.729556691
ENSMUSG0000085250	8.489422215	9.043024169	7.061510478	9.665492065	12.17530797
ENSMUSG0000085251	11.31922962	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG0000085252	9.904325918	4.173703463	8.473812573	8.054576721	5.729556691
ENSMUSG0000085253	4.952162959	11.1298759	10.59226572	5.638203705	6.445751277
ENSMUSG0000085254	7.074518513	7.651789682	8.473812573	2.416373016	9.310529622
ENSMUSG0000085255	19.10119998	39.6501829	29.65834401	39.46742593	36.5259239
ENSMUSG0000085256	7.781970364	7.651789682	4.943057334	5.638203705	5.013362104
ENSMUSG0000085257	18.39374813	9.738641413	9.886114669	4.832746033	4.297167518
ENSMUSG0000085260	36.78749627	45.21512085	26.12758877	52.35474869	46.55264811
ENSMUSG0000085261	5.65961481	9.738641413	6.35535943	6.443661377	10.7429188
ENSMUSG0000085262	42.44711108	50.08444155	47.3121202	57.18749472	52.99839939
ENSMUSG0000085263	4.244711108	4.173703463	6.35535943	4.02728836	7.161945863
ENSMUSG0000085264	12.02668147	10.43425866	9.886114669	4.02728836	2.864778345
ENSMUSG0000085265	9.904325918	5.56493795	6.35535943	4.02728836	12.17530797
ENSMUSG0000085267	4.952162959	0.695617244	2.118453143	1.610915344	3.580972932
ENSMUSG0000085269	85.601674	108.51629	103.098053	99.87675134	98.11865833
ENSMUSG0000085271	8.489422215	3.478086219	8.473812573	7.249119049	7.161945863
ENSMUSG0000085274	203.7461332	224.6843697	254.9205282	302.8520847	250.6681052
ENSMUSG0000085275	9.904325918	6.260555194	7.061510478	6.443661377	8.594335036
ENSMUSG0000085276	7.781970364	6.956172438	8.473812573	6.443661377	3.580972932
ENSMUSG0000085277	4.952162959	8.347406925	6.35535943	6.443661377	7.161945863
ENSMUSG0000085278	8.489422215	11.82549314	7.061510478	8.860034393	10.7429188
ENSMUSG0000085279	16.97884443	22.2597518	19.06607829	16.10915344	15.04008631
ENSMUSG0000085280	23.34591109	29.91154148	42.36906287	22.55281482	24.35061594
ENSMUSG0000085281	14.85648888	9.738641413	10.59226572	7.249119049	10.02672421

ENSMUSG00000085282	2.829807405	7.651789682	8.473812573	4.02728836	3.580972932
ENSMUSG00000085284	2.122355554	5.56493795	3.530755239	3.221830688	1.432389173
ENSMUSG00000085285	9.196874066	6.956172438	10.59226572	6.443661377	5.013362104
ENSMUSG00000085286	5.65961481	6.260555194	7.767661525	5.638203705	5.013362104
ENSMUSG00000085287	46.69182218	57.73623123	61.43514116	46.71654498	49.41742646
ENSMUSG00000085288	2.122355554	2.086851731	2.824604191	1.610915344	4.297167518
ENSMUSG00000085289	10.61177777	7.651789682	9.886114669	13.69278043	10.7429188
ENSMUSG00000085290	13.44158517	7.651789682	8.473812573	4.02728836	9.310529622
ENSMUSG00000085292	7.074518513	8.347406925	5.649208382	4.02728836	5.729556691
ENSMUSG00000085293	8.489422215	2.086851731	4.943057334	4.02728836	7.161945863
ENSMUSG00000085295	10.61177777	12.52111039	9.179963621	4.832746033	5.729556691
ENSMUSG00000085297	7.781970364	4.869320706	4.236906287	4.832746033	9.310529622
ENSMUSG00000085298	4.952162959	7.651789682	10.59226572	4.02728836	5.013362104
ENSMUSG00000085300	8.489422215	8.347406925	6.35535943	7.249119049	6.445751277
ENSMUSG00000085301	9.196874066	4.869320706	7.767661525	10.47094974	5.729556691
ENSMUSG00000085302	12.02668147	5.56493795	7.767661525	4.02728836	8.594335036
ENSMUSG00000085303	13.44158517	6.956172438	5.649208382	4.02728836	6.445751277
ENSMUSG00000085304	8.489422215	6.260555194	3.530755239	6.443661377	7.161945863
ENSMUSG00000085305	9.196874066	4.173703463	2.824604191	10.47094974	7.87814045
ENSMUSG00000085307	12.73413332	6.260555194	9.179963621	7.249119049	10.7429188
ENSMUSG00000085310	4.952162959	18.08604834	13.41686991	45.91108731	41.53928601
ENSMUSG00000085311	50.93653329	67.47487265	61.43514116	42.68925662	44.40406435
ENSMUSG00000085312	6.367066661	6.956172438	6.35535943	7.249119049	3.580972932
ENSMUSG00000085314	3.537259256	4.173703463	4.236906287	0.805457672	2.864778345
ENSMUSG00000085315	74.28244438	93.21271067	94.6242404	96.65492065	105.2806042
ENSMUSG00000085316	11.31922962	4.173703463	7.061510478	4.832746033	5.729556691
ENSMUSG00000085317	2.829807405	2.086851731	2.824604191	4.02728836	2.864778345
ENSMUSG00000085318	8.489422215	4.869320706	7.061510478	5.638203705	5.013362104
ENSMUSG00000085319	5.65961481	8.347406925	3.530755239	3.221830688	6.445751277
ENSMUSG00000085320	11.31922962	11.1298759	9.886114669	4.832746033	9.310529622
ENSMUSG00000085321	18.39374813	31.99839321	22.59683353	14.4982381	17.18867007
ENSMUSG00000085322	4.952162959	6.956172438	9.886114669	4.832746033	2.864778345
ENSMUSG00000085323	7.074518513	6.956172438	4.236906287	4.02728836	4.297167518
ENSMUSG00000085324	7.074518513	6.956172438	13.41686991	6.443661377	6.445751277
ENSMUSG00000085325	4.952162959	7.651789682	4.943057334	3.221830688	3.580972932
ENSMUSG00000085326	17.68629628	21.56413456	30.36449505	13.69278043	12.17530797
ENSMUSG00000085327	6.367066661	10.43425866	12.00456781	6.443661377	12.17530797
ENSMUSG00000085328	1.414903703	0	3.530755239	0.805457672	0.716194586
ENSMUSG00000085329	11.31922962	5.56493795	5.649208382	8.054576721	4.297167518
ENSMUSG00000085330	5.65961481	7.651789682	12.00456781	7.249119049	5.013362104
ENSMUSG00000085331	13.44158517	4.173703463	9.886114669	6.443661377	3.580972932
ENSMUSG00000085333	12.73413332	10.43425866	12.00456781	6.443661377	10.02672421
ENSMUSG00000085334	82.7718666	121.7330177	103.098053	193.3098413	160.4275873

ENSMUSG0000085335	15.56394073	41.04141738	29.65834401	20.94189947	26.49919969
ENSMUSG0000085336	7.781970364	7.651789682	2.824604191	6.443661377	6.445751277
ENSMUSG0000085337	14.14903703	13.21672763	7.767661525	8.054576721	10.02672421
ENSMUSG0000085338	8.489422215	5.56493795	10.59226572	9.665492065	9.310529622
ENSMUSG0000085340	14.14903703	9.738641413	7.767661525	12.88732275	9.310529622
ENSMUSG0000085341	13.44158517	7.651789682	11.29841676	4.832746033	7.161945863
ENSMUSG0000085342	10.61177777	6.260555194	10.59226572	16.10915344	12.89150255
ENSMUSG0000085345	16.97884443	9.043024169	4.943057334	4.832746033	4.297167518
ENSMUSG0000085347	39.61730367	61.21431745	48.7244223	41.88379895	42.25548059
ENSMUSG0000085348	9.904325918	9.043024169	6.35535943	4.02728836	10.02672421
ENSMUSG0000085350	8.489422215	4.869320706	5.649208382	8.860034393	10.7429188
ENSMUSG0000085351	11.31922962	6.260555194	5.649208382	10.47094974	5.729556691
ENSMUSG0000085352	10.61177777	9.043024169	8.473812573	5.638203705	10.7429188
ENSMUSG0000085353	4.952162959	9.043024169	7.767661525	13.69278043	10.7429188
ENSMUSG0000085354	0	0	0	0	0
ENSMUSG0000085355	60.84085921	97.38641413	79.7950684	207.0026217	180.4810358
ENSMUSG0000085357	7.074518513	4.173703463	11.29841676	4.832746033	2.148583759
ENSMUSG0000085358	2.829807405	6.260555194	7.767661525	8.860034393	10.7429188
ENSMUSG0000085359	2.122355554	0.695617244	0	0	3.580972932
ENSMUSG0000085360	12.73413332	23.65098629	16.94762515	9.665492065	9.310529622
ENSMUSG0000085361	125.2189777	179.4692489	158.1778347	157.8697037	134.6445822
ENSMUSG0000085363	7.781970364	9.738641413	13.41686991	6.443661377	5.013362104
ENSMUSG0000085366	4.952162959	6.260555194	3.530755239	2.416373016	2.148583759
ENSMUSG0000085368	5.65961481	11.1298759	8.473812573	5.638203705	17.18867007
ENSMUSG0000085369	10.61177777	7.651789682	10.59226572	8.860034393	7.87814045
ENSMUSG0000085371	9.904325918	10.43425866	6.35535943	4.02728836	12.17530797
ENSMUSG0000085372	7.781970364	9.738641413	9.179963621	4.02728836	12.89150255
ENSMUSG0000085375	8.489422215	6.956172438	3.530755239	7.249119049	12.17530797
ENSMUSG0000085376	7.781970364	6.956172438	9.179963621	7.249119049	2.148583759
ENSMUSG0000085377	8.489422215	6.260555194	9.886114669	12.08186508	5.013362104
ENSMUSG0000085378	7.074518513	7.651789682	6.35535943	4.02728836	7.87814045
ENSMUSG0000085379	193.1343554	239.2923319	243.6221115	267.4119471	208.4126246
ENSMUSG0000085380	6.367066661	9.738641413	10.59226572	8.054576721	5.729556691
ENSMUSG0000085382	12.73413332	8.347406925	8.473812573	8.860034393	6.445751277
ENSMUSG0000085383	7.781970364	9.043024169	6.35535943	5.638203705	5.013362104
ENSMUSG0000085385	7.074518513	6.956172438	7.767661525	11.27640741	7.161945863
ENSMUSG0000085386	6.367066661	3.478086219	7.767661525	4.832746033	2.148583759
ENSMUSG0000085387	7.781970364	6.956172438	5.649208382	7.249119049	6.445751277
ENSMUSG0000085388	12.73413332	6.260555194	7.061510478	4.832746033	5.729556691
ENSMUSG0000085389	8.489422215	11.82549314	8.473812573	4.02728836	9.310529622
ENSMUSG0000085390	7.074518513	8.347406925	4.943057334	10.47094974	8.594335036
ENSMUSG0000085391	32.54278516	39.6501829	34.60140134	16.10915344	22.20203218
ENSMUSG0000085393	8.489422215	4.173703463	7.767661525	6.443661377	6.445751277

ENSMUSG0000085394	24.76081479	47.30197258	37.42600553	18.52552646	20.05344842
ENSMUSG0000085395	5.65961481	9.738641413	12.71071886	6.443661377	9.310529622
ENSMUSG0000085396	8.489422215	4.173703463	2.824604191	5.638203705	2.864778345
ENSMUSG0000085397	9.904325918	11.82549314	8.473812573	9.665492065	10.7429188
ENSMUSG0000085398	35.37259256	84.86530374	65.67204744	98.265836	96.68626916
ENSMUSG0000085399	5.65961481	11.82549314	16.2414741	8.054576721	7.161945863
ENSMUSG0000085400	9.196874066	3.478086219	7.767661525	1.610915344	7.161945863
ENSMUSG0000085401	8.489422215	12.52111039	11.29841676	15.30369577	12.89150255
ENSMUSG0000085402	10.61177777	5.56493795	7.767661525	5.638203705	7.87814045
ENSMUSG0000085403	11.31922962	11.82549314	7.061510478	15.30369577	7.161945863
ENSMUSG0000085404	9.904325918	11.1298759	9.179963621	6.443661377	5.729556691
ENSMUSG0000085405	12.02668147	6.260555194	9.179963621	2.416373016	8.594335036
ENSMUSG0000085407	6.367066661	6.260555194	7.061510478	5.638203705	10.02672421
ENSMUSG0000085408	15.56394073	26.43345526	26.83373982	33.82922223	27.93158887
ENSMUSG0000085409	16.97884443	25.04222078	26.83373982	14.4982381	20.05344842
ENSMUSG0000085411	9.904325918	11.1298759	6.35535943	6.443661377	4.297167518
ENSMUSG0000085412	13.44158517	6.956172438	3.530755239	12.08186508	8.594335036
ENSMUSG0000085413	7.781970364	23.65098629	15.53532305	36.24559524	35.80972932
ENSMUSG0000085414	12.02668147	6.260555194	4.236906287	5.638203705	5.013362104
ENSMUSG0000085415	7.781970364	6.956172438	9.179963621	5.638203705	11.45911338
ENSMUSG0000085416	14.14903703	4.869320706	5.649208382	4.832746033	8.594335036
ENSMUSG0000085417	27.5906222	31.99839321	43.78136496	17.72006879	13.60769714
ENSMUSG0000085418	7.781970364	5.56493795	8.473812573	6.443661377	5.729556691
ENSMUSG0000085419	5.65961481	8.347406925	6.35535943	5.638203705	5.729556691
ENSMUSG0000085420	6.367066661	4.173703463	7.767661525	5.638203705	7.87814045
ENSMUSG0000085421	12.73413332	13.21672763	13.41686991	7.249119049	5.013362104
ENSMUSG0000085423	14.14903703	4.173703463	7.767661525	8.054576721	5.729556691
ENSMUSG0000085424	6.367066661	8.347406925	2.824604191	3.221830688	9.310529622
ENSMUSG0000085425	8.489422215	10.43425866	7.061510478	9.665492065	16.47247549
ENSMUSG0000085426	11.31922962	6.260555194	6.35535943	3.221830688	6.445751277
ENSMUSG0000085427	7.074518513	3.478086219	9.179963621	11.27640741	15.04008631
ENSMUSG0000085428	4.952162959	2.782468975	2.118453143	4.02728836	2.864778345
ENSMUSG0000085429	5.65961481	8.347406925	9.179963621	4.832746033	7.87814045
ENSMUSG0000085430	10.61177777	6.956172438	8.473812573	4.832746033	7.161945863
ENSMUSG0000085431	8.489422215	9.738641413	6.35535943	2.416373016	2.148583759
ENSMUSG0000085433	19.10119998	28.52030699	20.47838039	22.55281482	21.48583759
ENSMUSG0000085434	14.14903703	9.738641413	12.71071886	13.69278043	7.87814045
ENSMUSG0000085435	11.31922962	7.651789682	5.649208382	6.443661377	10.7429188
ENSMUSG0000085436	38.90985182	73.0398106	58.61053696	111.1531587	101.6996313
ENSMUSG0000085437	15.56394073	17.39043109	11.29841676	12.88732275	14.32389173
ENSMUSG0000085438	103.9954221	123.1242521	113.6903187	160.2860767	129.6312201
ENSMUSG0000085439	51.64398514	77.21351406	57.90438592	23.35827249	28.64778345
ENSMUSG0000085440	7.781970364	4.173703463	4.943057334	4.832746033	5.729556691



ENSMUSG0000085441	0.707451851	4.173703463	7.061510478	3.221830688	3.580972932
ENSMUSG0000085442	31.83533331	41.04141738	41.66291182	28.19101852	21.48583759
ENSMUSG0000085443	11.31922962	11.1298759	3.530755239	4.02728836	8.594335036
ENSMUSG0000085444	9.196874066	6.260555194	6.35535943	5.638203705	7.161945863
ENSMUSG0000085445	9.904325918	7.651789682	9.886114669	8.054576721	10.7429188
ENSMUSG0000085447	7.074518513	5.56493795	9.179963621	3.221830688	5.729556691
ENSMUSG0000085448	5.65961481	1.391234488	0.706151048	0.805457672	2.148583759
ENSMUSG0000085449	11.31922962	6.260555194	7.767661525	4.832746033	5.729556691
ENSMUSG0000085450	7.074518513	7.651789682	8.473812573	9.665492065	11.45911338
ENSMUSG0000085451	9.904325918	6.956172438	4.943057334	6.443661377	6.445751277
ENSMUSG0000085452	10.61177777	3.478086219	7.767661525	1.610915344	6.445751277
ENSMUSG0000085453	7.781970364	6.260555194	12.71071886	8.054576721	5.013362104
ENSMUSG0000085454	4.952162959	6.956172438	7.061510478	4.02728836	6.445751277
ENSMUSG0000085455	9.904325918	7.651789682	6.35535943	5.638203705	7.161945863
ENSMUSG0000085456	8.489422215	8.347406925	11.29841676	6.443661377	4.297167518
ENSMUSG0000085457	10.61177777	13.91234488	14.12302096	6.443661377	7.87814045
ENSMUSG0000085459	7.074518513	6.260555194	8.473812573	4.832746033	7.161945863
ENSMUSG0000085463	12.02668147	6.260555194	7.767661525	8.054576721	10.7429188
ENSMUSG0000085464	19.80865184	22.95536904	15.53532305	40.2728836	32.22875639
ENSMUSG0000085465	9.196874066	4.173703463	6.35535943	4.02728836	5.013362104
ENSMUSG0000085466	4.952162959	5.56493795	4.236906287	4.02728836	2.864778345
ENSMUSG0000085467	7.074518513	4.869320706	7.767661525	4.832746033	6.445751277
ENSMUSG0000085468	10.61177777	1.391234488	7.767661525	5.638203705	3.580972932
ENSMUSG0000085469	13.44158517	9.043024169	4.236906287	2.416373016	5.729556691
ENSMUSG0000085470	5.65961481	6.956172438	7.767661525	6.443661377	4.297167518
ENSMUSG0000085471	226.3845924	244.8572698	261.2758877	134.5114312	122.4692743
ENSMUSG0000085472	9.196874066	9.043024169	9.179963621	12.08186508	10.7429188
ENSMUSG0000085473	7.074518513	9.738641413	7.061510478	4.832746033	6.445751277
ENSMUSG0000085476	6.367066661	7.651789682	10.59226572	2.416373016	2.148583759
ENSMUSG0000085477	10.61177777	8.347406925	9.886114669	16.10915344	10.02672421
ENSMUSG0000085478	16.97884443	7.651789682	9.179963621	5.638203705	10.7429188
ENSMUSG0000085479	9.196874066	5.56493795	9.179963621	6.443661377	2.148583759
ENSMUSG0000085481	18.39374813	34.78086219	29.65834401	16.10915344	26.49919969
ENSMUSG0000085482	85.601674	99.47326586	108.7472614	95.04400531	73.76804239
ENSMUSG0000085483	12.02668147	11.1298759	9.179963621	5.638203705	8.594335036
ENSMUSG0000085484	9.904325918	4.869320706	4.236906287	11.27640741	7.87814045
ENSMUSG0000085485	7.074518513	4.173703463	9.179963621	8.054576721	5.729556691
ENSMUSG0000085486	10.61177777	4.173703463	6.35535943	7.249119049	10.02672421
ENSMUSG0000085487	7.781970364	9.043024169	3.530755239	2.416373016	5.013362104
ENSMUSG0000085488	8.489422215	6.260555194	10.59226572	2.416373016	5.729556691
ENSMUSG0000085489	7.781970364	4.173703463	4.943057334	4.832746033	2.148583759
ENSMUSG0000085491	9.196874066	7.651789682	12.00456781	5.638203705	6.445751277
ENSMUSG0000085492	60.13340736	82.08283477	74.14586002	106.3204127	87.37573953

ENSMUSG0000085493	2.122355554	1.391234488	5.649208382	2.416373016	0.716194586
ENSMUSG0000085495	73.57499253	100.1688831	101.6857509	127.2623122	105.2806042
ENSMUSG0000085496	7.781970364	1.391234488	5.649208382	5.638203705	4.297167518
ENSMUSG0000085497	10.61177777	10.43425866	3.530755239	8.860034393	7.87814045
ENSMUSG0000085498	39.61730367	36.17209668	25.42143772	50.74383334	50.13362104
ENSMUSG0000085499	12.73413332	15.99919661	9.886114669	5.638203705	5.729556691
ENSMUSG0000085500	8.489422215	4.869320706	6.35535943	8.860034393	5.729556691
ENSMUSG0000085501	4.952162959	8.347406925	5.649208382	4.832746033	5.729556691
ENSMUSG0000085502	8.489422215	11.82549314	6.35535943	6.443661377	6.445751277
ENSMUSG0000085504	9.904325918	7.651789682	5.649208382	6.443661377	4.297167518
ENSMUSG0000085505	12.02668147	6.956172438	12.00456781	8.860034393	7.87814045
ENSMUSG0000085507	9.904325918	6.260555194	5.649208382	3.221830688	4.297167518
ENSMUSG0000085508	14.85648888	6.956172438	7.061510478	8.054576721	7.87814045
ENSMUSG0000085509	67.20792587	89.73462445	81.91352154	44.30017197	55.86317773
ENSMUSG0000085510	9.196874066	7.651789682	4.943057334	4.832746033	4.297167518
ENSMUSG0000085511	9.196874066	6.260555194	6.35535943	10.47094974	11.45911338
ENSMUSG0000085512	6.367066661	5.56493795	4.943057334	5.638203705	3.580972932
ENSMUSG0000085513	7.074518513	4.869320706	7.061510478	6.443661377	5.729556691
ENSMUSG0000085514	9.904325918	4.869320706	7.061510478	11.27640741	7.161945863
ENSMUSG0000085515	10.61177777	4.869320706	11.29841676	6.443661377	8.594335036
ENSMUSG0000085516	22.63845924	32.69401046	33.89525029	68.46390213	50.84981563
ENSMUSG0000085517	7.781970364	4.173703463	7.061510478	8.054576721	2.864778345
ENSMUSG0000085519	12.73413332	16.69481385	16.2414741	6.443661377	8.594335036
ENSMUSG0000085521	8.489422215	5.56493795	6.35535943	8.054576721	12.17530797
ENSMUSG0000085522	9.196874066	10.43425866	3.530755239	3.221830688	5.729556691
ENSMUSG0000085523	9.904325918	2.782468975	7.767661525	7.249119049	5.013362104
ENSMUSG0000085524	7.074518513	4.869320706	4.943057334	4.02728836	5.729556691
ENSMUSG0000085525	21.22355554	12.52111039	13.41686991	11.27640741	12.17530797
ENSMUSG0000085526	79.23460734	80.69160028	76.26431316	43.49471429	39.39070225
ENSMUSG0000085527	7.074518513	15.30357936	9.886114669	9.665492065	12.17530797
ENSMUSG0000085528	9.904325918	5.56493795	6.35535943	5.638203705	3.580972932
ENSMUSG0000085529	7.074518513	6.260555194	4.943057334	3.221830688	7.161945863
ENSMUSG0000085530	12.02668147	5.56493795	11.29841676	6.443661377	9.310529622
ENSMUSG0000085531	10.61177777	15.30357936	25.42143772	12.88732275	17.18867007
ENSMUSG0000085532	12.02668147	7.651789682	6.35535943	4.02728836	7.87814045
ENSMUSG0000085533	9.196874066	8.347406925	7.767661525	7.249119049	4.297167518
ENSMUSG0000085534	8.489422215	6.956172438	4.236906287	3.221830688	6.445751277
ENSMUSG0000085536	9.196874066	6.260555194	3.530755239	4.02728836	3.580972932
ENSMUSG0000085538	191.0119998	209.3807904	201.2530486	112.7640741	110.2939663
ENSMUSG0000085539	11.31922962	11.1298759	6.35535943	10.47094974	10.02672421
ENSMUSG0000085540	12.02668147	6.260555194	6.35535943	6.443661377	11.45911338
ENSMUSG0000085541	6.367066661	6.956172438	7.767661525	4.832746033	5.013362104
ENSMUSG0000085542	0.707451851	1.391234488	0.706151048	3.221830688	2.148583759

ENSMUSG00000085543	9.196874066	7.651789682	9.886114669	12.88732275	6.445751277
ENSMUSG00000085545	7.074518513	7.651789682	6.35535943	5.638203705	6.445751277
ENSMUSG00000085546	5.65961481	8.347406925	9.886114669	14.4982381	10.7429188
ENSMUSG00000085547	7.074518513	2.782468975	5.649208382	3.221830688	8.594335036
ENSMUSG00000085548	7.781970364	6.260555194	5.649208382	9.665492065	5.013362104
ENSMUSG00000085549	4.952162959	1.391234488	2.824604191	0	3.580972932
ENSMUSG00000085550	10.61177777	8.347406925	4.943057334	4.832746033	10.02672421
ENSMUSG00000085551	11.31922962	6.956172438	5.649208382	6.443661377	7.87814045
ENSMUSG00000085552	4.952162959	2.782468975	7.061510478	4.832746033	9.310529622
ENSMUSG00000085553	7.074518513	0.695617244	2.118453143	0	3.580972932
ENSMUSG00000085555	1.414903703	4.173703463	3.530755239	3.221830688	1.432389173
ENSMUSG00000085556	7.781970364	4.869320706	2.118453143	4.02728836	4.297167518
ENSMUSG00000085558	7.074518513	7.651789682	6.35535943	12.88732275	4.297167518
ENSMUSG00000085559	7.074518513	8.347406925	8.473812573	9.665492065	8.594335036
ENSMUSG00000085560	16.27139258	27.82468975	29.65834401	45.10562964	33.66114556
ENSMUSG00000085561	9.904325918	6.956172438	5.649208382	3.221830688	5.729556691
ENSMUSG00000085562	8.489422215	4.869320706	9.179963621	8.054576721	9.310529622
ENSMUSG00000085563	9.196874066	7.651789682	9.179963621	4.832746033	10.02672421
ENSMUSG00000085564	7.074518513	5.56493795	4.943057334	4.02728836	7.87814045
ENSMUSG00000085565	6.367066661	4.869320706	7.061510478	5.638203705	6.445751277
ENSMUSG00000085566	0	0	0.706151048	0	0
ENSMUSG00000085568	3.537259256	2.782468975	0.706151048	1.610915344	3.580972932
ENSMUSG00000085569	4.244711108	9.043024169	7.767661525	4.832746033	3.580972932
ENSMUSG00000085572	23.34591109	20.86851731	18.35992724	14.4982381	15.7562809
ENSMUSG00000085573	7.781970364	3.478086219	7.767661525	4.832746033	9.310529622
ENSMUSG00000085574	6.367066661	6.956172438	9.179963621	7.249119049	9.310529622
ENSMUSG00000085575	6.367066661	6.956172438	3.530755239	4.832746033	3.580972932
ENSMUSG00000085577	2.122355554	4.173703463	5.649208382	4.02728836	1.432389173
ENSMUSG00000085578	9.904325918	11.82549314	9.179963621	8.860034393	14.32389173
ENSMUSG00000085579	12.73413332	13.91234488	12.00456781	57.99295239	40.82309142
ENSMUSG00000085580	9.904325918	10.43425866	2.824604191	5.638203705	3.580972932
ENSMUSG00000085581	16.27139258	18.08604834	11.29841676	12.08186508	17.90486466
ENSMUSG00000085582	7.781970364	4.869320706	10.59226572	8.054576721	6.445751277
ENSMUSG00000085583	11.31922962	14.60796212	9.179963621	8.054576721	7.161945863
ENSMUSG00000085584	4.244711108	1.391234488	2.824604191	1.610915344	1.432389173
ENSMUSG00000085585	9.196874066	8.347406925	8.473812573	4.02728836	3.580972932
ENSMUSG00000085586	0	0	0	0	0
ENSMUSG00000085587	3.537259256	6.260555194	4.236906287	20.1364418	17.18867007
ENSMUSG00000085588	10.61177777	11.1298759	7.061510478	4.02728836	7.87814045
ENSMUSG00000085589	4.952162959	4.869320706	6.35535943	7.249119049	9.310529622
ENSMUSG00000085590	16.27139258	15.99919661	19.06607829	17.72006879	18.62105924
ENSMUSG00000085591	7.074518513	6.260555194	8.473812573	8.054576721	5.013362104
ENSMUSG00000085592	7.781970364	4.173703463	7.061510478	4.02728836	7.161945863

ENSMUSG00000085593	5.65961481	6.260555194	5.649208382	7.249119049	6.445751277
ENSMUSG00000085594	4.952162959	4.869320706	2.824604191	7.249119049	5.013362104
ENSMUSG00000085595	4.2447111108	6.260555194	8.473812573	4.832746033	8.594335036
ENSMUSG00000085596	12.02668147	7.651789682	9.179963621	7.249119049	9.310529622
ENSMUSG00000085598	2.829807405	2.086851731	4.943057334	4.832746033	0.716194586
ENSMUSG00000085599	7.074518513	6.260555194	8.473812573	7.249119049	8.594335036
ENSMUSG00000085600	9.196874066	7.651789682	4.236906287	7.249119049	7.87814045
ENSMUSG00000085603	72.86754068	102.9513521	79.7950684	45.10562964	48.70123187
ENSMUSG00000085604	7.074518513	4.173703463	7.767661525	6.443661377	10.02672421
ENSMUSG00000085606	2.122355554	5.56493795	5.649208382	9.665492065	8.594335036
ENSMUSG00000085608	7.074518513	13.91234488	9.886114669	6.443661377	12.17530797
ENSMUSG00000085609	0.707451851	1.391234488	0.706151048	0.805457672	3.580972932
ENSMUSG00000085610	4.2447111108	3.478086219	6.35535943	4.832746033	2.864778345
ENSMUSG00000085611	9.196874066	6.260555194	7.767661525	4.02728836	4.297167518
ENSMUSG00000085612	41.03220737	67.47487265	57.90438592	38.66196826	44.40406435
ENSMUSG00000085614	16.97884443	25.73783802	16.94762515	17.72006879	12.89150255
ENSMUSG00000085615	120.9742666	142.601535	112.2780166	227.1390635	175.4676737
ENSMUSG00000085616	9.904325918	6.956172438	6.35535943	4.832746033	7.87814045
ENSMUSG00000085618	8.489422215	5.56493795	2.118453143	8.054576721	6.445751277
ENSMUSG00000085619	3.537259256	4.173703463	7.061510478	2.416373016	5.013362104
ENSMUSG00000085620	6.367066661	4.869320706	8.473812573	8.054576721	6.445751277
ENSMUSG00000085622	90.55383696	127.2979556	107.3349593	229.5554365	192.6563437
ENSMUSG00000085623	13.44158517	4.173703463	8.473812573	8.860034393	5.729556691
ENSMUSG00000085624	9.904325918	11.1298759	7.767661525	6.443661377	10.7429188
ENSMUSG00000085625	54.47379255	89.0390072	73.43970897	41.88379895	58.01176149
ENSMUSG00000085626	9.904325918	10.43425866	9.886114669	4.02728836	12.89150255
ENSMUSG00000085627	11.31922962	6.260555194	7.767661525	8.054576721	6.445751277
ENSMUSG00000085628	2.829807405	4.173703463	1.412302096	2.416373016	1.432389173
ENSMUSG00000085629	11.31922962	6.956172438	12.71071886	3.221830688	1.432389173
ENSMUSG00000085630	7.781970364	6.260555194	4.943057334	5.638203705	5.013362104
ENSMUSG00000085631	11.31922962	11.1298759	4.943057334	2.416373016	7.87814045
ENSMUSG00000085632	7.781970364	6.260555194	10.59226572	5.638203705	5.013362104
ENSMUSG00000085633	20.51610369	25.73783802	28.95219296	33.02376456	42.25548059
ENSMUSG00000085634	7.781970364	4.869320706	4.236906287	3.221830688	7.161945863
ENSMUSG00000085635	5.65961481	6.956172438	6.35535943	4.02728836	1.432389173
ENSMUSG00000085636	103.9954221	138.4278315	116.5149229	104.7094974	98.11865833
ENSMUSG00000085637	14.14903703	11.82549314	9.179963621	8.860034393	13.60769714
ENSMUSG00000085638	9.904325918	3.478086219	9.179963621	4.832746033	5.013362104
ENSMUSG00000085639	9.904325918	8.347406925	7.767661525	8.054576721	5.013362104
ENSMUSG00000085640	11.31922962	9.043024169	7.767661525	6.443661377	10.02672421
ENSMUSG00000085641	7.074518513	4.869320706	7.061510478	4.832746033	8.594335036
ENSMUSG00000085642	53.05888884	67.47487265	59.31668801	54.7711217	58.01176149
ENSMUSG00000085643	7.074518513	9.043024169	9.179963621	4.832746033	1.432389173

ENSMUSG00000085645	9.196874066	9.738641413	5.649208382	8.054576721	7.87814045
ENSMUSG00000085646	9.904325918	6.260555194	9.179963621	8.860034393	2.148583759
ENSMUSG00000085648	8.489422215	7.651789682	10.59226572	4.02728836	9.310529622
ENSMUSG00000085649	7.074518513	10.43425866	6.35535943	6.443661377	7.87814045
ENSMUSG00000085651	5.65961481	8.347406925	7.061510478	9.665492065	5.013362104
ENSMUSG00000085652	14.14903703	26.43345526	27.53989086	95.04400531	78.06520991
ENSMUSG00000085653	6.367066661	8.347406925	7.061510478	5.638203705	5.013362104
ENSMUSG00000085654	5.65961481	6.956172438	4.236906287	3.221830688	7.161945863
ENSMUSG00000085655	79.23460734	105.0382038	109.4534124	173.1733995	160.4275873
ENSMUSG00000085656	10.61177777	6.956172438	7.767661525	4.02728836	5.013362104
ENSMUSG00000085657	12.02668147	4.173703463	7.061510478	4.832746033	5.013362104
ENSMUSG00000085658	2.829807405	9.043024169	7.061510478	2.416373016	6.445751277
ENSMUSG00000085659	11.31922962	4.173703463	6.35535943	8.054576721	7.161945863
ENSMUSG00000085660	8.489422215	4.869320706	5.649208382	5.638203705	12.17530797
ENSMUSG00000085662	6.367066661	4.869320706	9.179963621	6.443661377	10.02672421
ENSMUSG00000085663	5.65961481	11.82549314	9.886114669	10.47094974	11.45911338
ENSMUSG00000085664	9.196874066	6.956172438	10.59226572	4.02728836	6.445751277
ENSMUSG00000085665	7.074518513	15.30357936	9.179963621	6.443661377	10.02672421
ENSMUSG00000085666	9.904325918	8.347406925	9.179963621	12.08186508	10.02672421
ENSMUSG00000085667	7.074518513	6.260555194	7.767661525	4.02728836	7.161945863
ENSMUSG00000085668	9.904325918	13.91234488	17.65377619	7.249119049	10.02672421
ENSMUSG00000085669	5.65961481	2.782468975	6.35535943	1.610915344	6.445751277
ENSMUSG00000085672	9.196874066	11.1298759	7.061510478	3.221830688	8.594335036
ENSMUSG00000085673	6.367066661	13.21672763	11.29841676	10.47094974	14.32389173
ENSMUSG00000085674	5.65961481	5.56493795	2.118453143	4.832746033	4.297167518
ENSMUSG00000085675	9.196874066	6.260555194	7.061510478	4.832746033	5.013362104
ENSMUSG00000085676	7.074518513	9.043024169	7.061510478	4.02728836	2.864778345
ENSMUSG00000085677	7.781970364	6.260555194	4.943057334	8.054576721	9.310529622
ENSMUSG00000085678	9.196874066	6.260555194	13.41686991	7.249119049	10.7429188
ENSMUSG00000085679	16.97884443	4.173703463	11.29841676	4.832746033	3.580972932
ENSMUSG00000085680	9.904325918	4.869320706	7.061510478	4.02728836	5.013362104
ENSMUSG00000085681	8.489422215	9.043024169	10.59226572	8.054576721	6.445751277
ENSMUSG00000085682	9.904325918	4.173703463	5.649208382	6.443661377	5.013362104
ENSMUSG00000085683	8.489422215	4.869320706	4.236906287	5.638203705	11.45911338
ENSMUSG00000085684	9.196874066	7.651789682	4.943057334	5.638203705	5.729556691
ENSMUSG00000085685	8.489422215	6.260555194	4.236906287	4.02728836	3.580972932
ENSMUSG00000085686	5.65961481	3.478086219	4.236906287	1.610915344	2.148583759
ENSMUSG00000085687	12.73413332	19.47728283	15.53532305	12.08186508	12.89150255
ENSMUSG00000085688	10.61177777	3.478086219	6.35535943	3.221830688	7.87814045
ENSMUSG00000085689	9.196874066	6.956172438	7.767661525	8.054576721	7.161945863
ENSMUSG00000085690	8.489422215	5.56493795	5.649208382	4.02728836	10.02672421
ENSMUSG00000085691	4.952162959	3.478086219	4.236906287	7.249119049	6.445751277
ENSMUSG00000085693	4.952162959	6.260555194	7.767661525	7.249119049	8.594335036

ENSMUSG00000085694	3.537259256	4.173703463	1.412302096	1.610915344	1.432389173
ENSMUSG00000085695	4.244711108	6.260555194	5.649208382	7.249119049	5.013362104
ENSMUSG00000085696	2.122355554	0.695617244	0	2.416373016	2.148583759
ENSMUSG00000085698	6.367066661	5.56493795	9.886114669	4.832746033	5.013362104
ENSMUSG00000085699	4.952162959	2.782468975	3.530755239	2.416373016	2.148583759
ENSMUSG00000085700	4.244711108	5.56493795	6.35535943	3.221830688	5.013362104
ENSMUSG00000085701	10.61177777	9.738641413	16.94762515	7.249119049	9.310529622
ENSMUSG00000085702	6.367066661	6.956172438	4.943057334	8.054576721	7.161945863
ENSMUSG00000085704	68.62282957	64.69240367	82.61967259	78.93485187	78.7814045
ENSMUSG00000085705	9.196874066	11.1298759	9.886114669	24.96918783	16.47247549
ENSMUSG00000085706	5.65961481	2.086851731	6.35535943	1.610915344	3.580972932
ENSMUSG00000085707	5.65961481	4.173703463	7.061510478	4.02728836	5.729556691
ENSMUSG00000085708	9.196874066	6.956172438	4.943057334	8.054576721	5.729556691
ENSMUSG00000085709	9.196874066	9.043024169	4.943057334	4.02728836	6.445751277
ENSMUSG00000085710	3.537259256	9.738641413	4.236906287	6.443661377	4.297167518
ENSMUSG00000085711	7.781970364	6.260555194	7.767661525	0.805457672	2.864778345
ENSMUSG00000085712	0	0	0	0	0
ENSMUSG00000085713	7.074518513	8.347406925	4.236906287	10.47094974	8.594335036
ENSMUSG00000085714	9.196874066	13.91234488	12.00456781	10.47094974	16.47247549
ENSMUSG00000085715	6.367066661	8.347406925	3.530755239	2.416373016	7.161945863
ENSMUSG00000085716	32.54278516	36.86771392	32.4829482	18.52552646	22.20203218
ENSMUSG00000085717	9.196874066	8.347406925	6.35535943	1.610915344	2.864778345
ENSMUSG00000085718	7.074518513	9.043024169	2.824604191	2.416373016	12.17530797
ENSMUSG00000085719	76.40479994	88.34338996	92.50578726	32.21830688	48.70123187
ENSMUSG00000085720	16.97884443	35.47647943	28.95219296	78.12939419	58.01176149
ENSMUSG00000085721	13.44158517	19.47728283	7.061510478	9.665492065	9.310529622
ENSMUSG00000085722	4.244711108	4.173703463	2.824604191	0	3.580972932
ENSMUSG00000085723	12.73413332	8.347406925	10.59226572	3.221830688	8.594335036
ENSMUSG00000085724	12.73413332	12.52111039	12.71071886	38.66196826	15.04008631
ENSMUSG00000085725	5.65961481	6.956172438	12.71071886	8.054576721	6.445751277
ENSMUSG00000085728	9.196874066	7.651789682	8.473812573	6.443661377	7.161945863
ENSMUSG00000085730	4.952162959	2.782468975	2.118453143	1.610915344	2.864778345
ENSMUSG00000085731	12.02668147	19.47728283	25.42143772	31.41284921	35.80972932
ENSMUSG00000085732	11.31922962	36.17209668	31.0706461	16.10915344	22.91822676
ENSMUSG00000085733	12.02668147	13.21672763	16.94762515	4.832746033	7.161945863
ENSMUSG00000085734	9.196874066	9.738641413	8.473812573	7.249119049	8.594335036
ENSMUSG00000085735	31.83533331	36.86771392	28.24604191	40.2728836	27.93158887
ENSMUSG00000085737	11.31922962	10.43425866	7.767661525	6.443661377	4.297167518
ENSMUSG00000085738	12.73413332	20.86851731	18.35992724	10.47094974	13.60769714
ENSMUSG00000085739	9.904325918	9.738641413	6.35535943	6.443661377	6.445751277
ENSMUSG00000085740	8.489422215	9.043024169	8.473812573	11.27640741	7.87814045
ENSMUSG00000085741	82.06441475	124.5154866	127.8133396	263.3846588	174.0352845
ENSMUSG00000085742	4.244711108	5.56493795	8.473812573	6.443661377	12.89150255

ENSMUSG00000085743	7.781970364	5.56493795	7.061510478	5.638203705	5.013362104
ENSMUSG00000085744	2.122355554	2.782468975	3.530755239	2.416373016	0.716194586
ENSMUSG00000085745	10.61177777	4.869320706	7.061510478	5.638203705	7.87814045
ENSMUSG00000085747	7.074518513	6.956172438	7.767661525	7.249119049	8.594335036
ENSMUSG00000085748	9.196874066	11.1298759	9.886114669	13.69278043	12.89150255
ENSMUSG00000085749	12.02668147	4.173703463	5.649208382	8.054576721	6.445751277
ENSMUSG00000085750	2.829807405	3.478086219	7.767661525	5.638203705	4.297167518
ENSMUSG00000085751	8.489422215	4.869320706	8.473812573	4.832746033	7.87814045
ENSMUSG00000085753	5.65961481	4.173703463	8.473812573	5.638203705	10.02672421
ENSMUSG00000085754	94.09109622	144.6883867	109.4534124	165.9242805	144.6713064
ENSMUSG00000085755	12.73413332	12.52111039	6.35535943	20.94189947	18.62105924
ENSMUSG00000085756	5.65961481	4.869320706	4.943057334	5.638203705	7.87814045
ENSMUSG00000085757	4.952162959	1.391234488	5.649208382	3.221830688	2.864778345
ENSMUSG00000085759	7.781970364	13.21672763	11.29841676	9.665492065	8.594335036
ENSMUSG00000085760	19.10119998	45.91073809	43.78136496	53.96566403	65.88990194
ENSMUSG00000085761	5.65961481	6.260555194	6.35535943	8.054576721	4.297167518
ENSMUSG00000085762	6.367066661	5.56493795	6.35535943	9.665492065	7.87814045
ENSMUSG00000085763	36.78749627	47.30197258	39.54445867	96.65492065	73.76804239
ENSMUSG00000085765	7.781970364	18.78166558	18.35992724	10.47094974	10.7429188
ENSMUSG00000085766	7.074518513	4.869320706	5.649208382	2.416373016	3.580972932
ENSMUSG00000085767	19.80865184	27.82468975	34.60140134	53.16020636	47.2688427
ENSMUSG00000085768	9.196874066	7.651789682	11.29841676	12.08186508	7.161945863
ENSMUSG00000085770	9.196874066	6.956172438	8.473812573	7.249119049	6.445751277
ENSMUSG00000085771	20.51610369	27.82468975	34.60140134	17.72006879	22.20203218
ENSMUSG00000085772	6.367066661	11.1298759	10.59226572	5.638203705	5.729556691
ENSMUSG00000085773	7.074518513	7.651789682	6.35535943	4.02728836	7.87814045
ENSMUSG00000085774	12.02668147	6.956172438	10.59226572	3.221830688	5.013362104
ENSMUSG00000085775	5.65961481	6.956172438	5.649208382	4.02728836	4.297167518
ENSMUSG00000085776	25.46826665	25.04222078	30.36449505	103.9040397	82.36237743
ENSMUSG00000085779	9.196874066	12.52111039	15.53532305	10.47094974	7.87814045
ENSMUSG00000085781	8.489422215	8.347406925	4.943057334	4.832746033	1.432389173
ENSMUSG00000085782	55.88869625	92.51709342	88.97503202	53.96566403	57.29556691
ENSMUSG00000085783	13.44158517	5.56493795	13.41686991	13.69278043	13.60769714
ENSMUSG00000085784	219.3100739	265.7257871	234.4421479	161.0915344	131.0636093
ENSMUSG00000085785	5.65961481	6.956172438	8.473812573	6.443661377	8.594335036
ENSMUSG00000085786	0	0	0	0	0
ENSMUSG00000085787	37.49494812	70.25734162	54.37363068	47.52200265	63.0251236
ENSMUSG00000085788	12.02668147	7.651789682	7.767661525	5.638203705	5.729556691
ENSMUSG00000085790	12.73413332	5.56493795	5.649208382	7.249119049	5.013362104
ENSMUSG00000085791	8.489422215	3.478086219	4.236906287	2.416373016	8.594335036
ENSMUSG00000085792	4.952162959	6.260555194	7.767661525	4.832746033	7.161945863
ENSMUSG00000085794	8.489422215	7.651789682	3.530755239	8.054576721	5.729556691
ENSMUSG00000085796	10.61177777	14.60796212	5.649208382	5.638203705	5.729556691

ENSMUSG00000085797	4.952162959	9.043024169	8.473812573	1.610915344	5.013362104
ENSMUSG00000085798	2.829807405	6.956172438	5.649208382	9.665492065	3.580972932
ENSMUSG00000085799	21.93100739	36.17209668	34.60140134	33.02376456	25.06681052
ENSMUSG00000085800	9.196874066	5.56493795	4.236906287	4.832746033	5.729556691
ENSMUSG00000085801	9.904325918	6.956172438	4.943057334	7.249119049	5.013362104
ENSMUSG00000085802	9.196874066	13.91234488	10.59226572	9.665492065	6.445751277
ENSMUSG00000085803	7.074518513	7.651789682	9.179963621	6.443661377	7.161945863
ENSMUSG00000085804	7.781970364	8.347406925	9.179963621	7.249119049	7.161945863
ENSMUSG00000085805	7.781970364	6.956172438	5.649208382	4.02728836	5.729556691
ENSMUSG00000085806	6.367066661	4.869320706	5.649208382	5.638203705	6.445751277
ENSMUSG00000085807	6.367066661	4.869320706	12.00456781	7.249119049	11.45911338
ENSMUSG00000085808	4.952162959	2.782468975	2.824604191	3.221830688	5.729556691
ENSMUSG00000085810	6.367066661	13.21672763	11.29841676	3.221830688	5.729556691
ENSMUSG00000085811	14.14903703	8.347406925	11.29841676	5.638203705	6.445751277
ENSMUSG00000085812	7.781970364	5.56493795	10.59226572	5.638203705	8.594335036
ENSMUSG00000085813	7.781970364	4.173703463	5.649208382	4.832746033	4.297167518
ENSMUSG00000085815	100.4581629	121.0374004	109.4534124	83.7675979	68.75468029
ENSMUSG00000085816	8.489422215	4.869320706	6.35535943	5.638203705	6.445751277
ENSMUSG00000085817	12.02668147	2.782468975	7.767661525	5.638203705	2.148583759
ENSMUSG00000085818	16.97884443	24.34660353	23.30298458	36.24559524	35.09353473
ENSMUSG00000085819	10.61177777	8.347406925	6.35535943	11.27640741	10.7429188
ENSMUSG00000085820	8.489422215	6.956172438	4.236906287	8.860034393	6.445751277
ENSMUSG00000085822	6.367066661	6.956172438	11.29841676	4.02728836	2.864778345
ENSMUSG00000085823	19.80865184	36.17209668	31.0706461	33.82922223	28.64778345
ENSMUSG00000085824	14.14903703	8.347406925	12.00456781	4.02728836	7.161945863
ENSMUSG00000085826	9.196874066	8.347406925	9.886114669	9.665492065	8.594335036
ENSMUSG00000085827	2.122355554	5.56493795	5.649208382	0.805457672	5.013362104
ENSMUSG00000085828	11.31922962	9.043024169	7.767661525	7.249119049	14.32389173
ENSMUSG00000085829	9.904325918	21.56413456	19.06607829	91.82217462	76.63282074
ENSMUSG00000085830	2.122355554	3.478086219	3.530755239	0	3.580972932
ENSMUSG00000085831	4.952162959	6.956172438	9.179963621	12.08186508	5.729556691
ENSMUSG00000085833	7.781970364	3.478086219	2.118453143	6.443661377	8.594335036
ENSMUSG00000085834	8.489422215	9.043024169	9.179963621	6.443661377	6.445751277
ENSMUSG00000085835	9.196874066	7.651789682	4.236906287	2.416373016	5.729556691
ENSMUSG00000085836	1.414903703	1.391234488	1.412302096	2.416373016	3.580972932
ENSMUSG00000085837	9.196874066	13.91234488	13.41686991	8.054576721	11.45911338
ENSMUSG00000085838	9.196874066	4.173703463	7.767661525	8.054576721	10.02672421
ENSMUSG00000085839	12.73413332	7.651789682	9.179963621	5.638203705	7.161945863
ENSMUSG00000085840	6.367066661	7.651789682	8.473812573	4.02728836	5.013362104
ENSMUSG00000085841	11.31922962	6.956172438	12.00456781	10.47094974	4.297167518
ENSMUSG00000085842	7.781970364	9.043024169	8.473812573	4.02728836	7.87814045
ENSMUSG00000085843	9.904325918	8.347406925	9.179963621	4.832746033	8.594335036
ENSMUSG00000085844	9.904325918	16.69481385	21.18453143	4.02728836	7.161945863



ENSMUSG00000085845	5.65961481	8.347406925	5.649208382	2.416373016	3.580972932
ENSMUSG00000085846	58.0110518	74.43104508	75.55816211	35.44013757	46.55264811
ENSMUSG00000085847	16.97884443	38.25894841	38.13215658	32.21830688	32.22875639
ENSMUSG00000085851	12.02668147	4.869320706	7.061510478	2.416373016	5.729556691
ENSMUSG00000085852	10.61177777	4.869320706	7.767661525	5.638203705	5.729556691
ENSMUSG00000085853	7.781970364	5.56493795	7.767661525	9.665492065	10.02672421
ENSMUSG00000085856	12.73413332	5.56493795	9.886114669	3.221830688	10.7429188
ENSMUSG00000085857	9.904325918	8.347406925	9.179963621	6.443661377	4.297167518
ENSMUSG00000085860	6.367066661	5.56493795	4.943057334	4.02728836	7.161945863
ENSMUSG00000085861	4.244711108	8.347406925	12.00456781	11.27640741	5.013362104
ENSMUSG00000085862	43.86201478	77.9091313	67.79050059	65.24207144	73.05184781
ENSMUSG00000085863	12.02668147	11.82549314	12.00456781	12.08186508	14.32389173
ENSMUSG00000085864	12.73413332	6.260555194	8.473812573	12.88732275	15.04008631
ENSMUSG00000085865	7.781970364	6.956172438	6.35535943	12.08186508	7.87814045
ENSMUSG00000085866	11.31922962	8.347406925	7.767661525	8.054576721	9.310529622
ENSMUSG00000085867	8.489422215	6.956172438	8.473812573	3.221830688	5.729556691
ENSMUSG00000085868	15.56394073	10.43425866	7.061510478	5.638203705	8.594335036
ENSMUSG00000085869	6.367066661	6.956172438	6.35535943	7.249119049	5.729556691
ENSMUSG00000085870	8.489422215	3.478086219	5.649208382	4.02728836	7.87814045
ENSMUSG00000085871	9.904325918	6.956172438	4.943057334	4.02728836	9.310529622
ENSMUSG00000085872	7.074518513	4.173703463	5.649208382	6.443661377	5.729556691
ENSMUSG00000085873	12.73413332	6.956172438	6.35535943	3.221830688	7.87814045
ENSMUSG00000085875	9.904325918	15.30357936	14.829172	19.33098413	16.47247549
ENSMUSG00000085876	8.489422215	10.43425866	7.061510478	6.443661377	10.7429188
ENSMUSG00000085877	8.489422215	6.260555194	4.943057334	3.221830688	5.013362104
ENSMUSG00000085878	9.904325918	6.956172438	9.179963621	10.47094974	7.161945863
ENSMUSG00000085880	6.367066661	8.347406925	7.061510478	0.805457672	2.864778345
ENSMUSG00000085881	13.44158517	11.1298759	3.530755239	7.249119049	5.729556691
ENSMUSG00000085882	29.71297775	45.91073809	48.7244223	54.7711217	44.40406435
ENSMUSG00000085883	7.781970364	9.043024169	4.236906287	3.221830688	5.013362104
ENSMUSG00000085884	24.76081479	36.17209668	31.77679715	12.08186508	17.18867007
ENSMUSG00000085885	9.196874066	8.347406925	6.35535943	4.02728836	8.594335036
ENSMUSG00000085886	84.1867703	131.4716591	118.633376	192.5043836	132.4959985
ENSMUSG00000085887	174.0331554	182.9473351	186.4238766	223.1117752	178.332452
ENSMUSG00000085888	7.074518513	6.956172438	11.29841676	4.832746033	6.445751277
ENSMUSG00000085889	6.367066661	4.869320706	8.473812573	6.443661377	4.297167518
ENSMUSG00000085890	27.5906222	50.7800588	54.37363068	136.9278043	97.40246374
ENSMUSG00000085891	38.90985182	45.91073809	42.36906287	52.35474869	42.25548059
ENSMUSG00000085892	7.074518513	6.260555194	6.35535943	11.27640741	9.310529622
ENSMUSG00000085893	12.73413332	9.738641413	5.649208382	14.4982381	7.161945863
ENSMUSG00000085894	4.244711108	1.391234488	8.473812573	9.665492065	10.7429188
ENSMUSG00000085895	9.904325918	3.478086219	6.35535943	1.610915344	4.297167518
ENSMUSG00000085896	9.196874066	8.347406925	7.061510478	9.665492065	2.864778345

ENSMUSG00000085897	87.72402956	111.9943762	103.804204	127.2623122	108.1453825
ENSMUSG00000085898	7.074518513	6.956172438	9.886114669	6.443661377	5.013362104
ENSMUSG00000085899	11.31922962	6.260555194	8.473812573	6.443661377	5.013362104
ENSMUSG00000085900	11.31922962	9.738641413	12.71071886	9.665492065	12.89150255
ENSMUSG00000085902	9.904325918	9.043024169	4.943057334	8.054576721	10.02672421
ENSMUSG00000085903	7.074518513	5.56493795	5.649208382	4.02728836	6.445751277
ENSMUSG00000085905	8.489422215	5.56493795	6.35535943	2.416373016	7.87814045
ENSMUSG00000085908	7.074518513	6.260555194	7.061510478	4.832746033	7.161945863
ENSMUSG00000085909	12.02668147	9.043024169	6.35535943	8.860034393	5.013362104
ENSMUSG00000085910	0	0.695617244	0.706151048	1.610915344	0
ENSMUSG00000085911	15.56394073	4.869320706	6.35535943	6.443661377	4.297167518
ENSMUSG00000085912	8.489422215	12.52111039	6.35535943	12.88732275	12.17530797
ENSMUSG00000085913	6.367066661	7.651789682	12.71071886	7.249119049	5.729556691
ENSMUSG00000085914	96.92090362	113.3856107	96.0365425	119.2077355	109.5777717
ENSMUSG00000085915	13.44158517	6.956172438	9.886114669	5.638203705	8.594335036
ENSMUSG00000085917	75.69734809	95.2995624	103.804204	46.71654498	48.70123187
ENSMUSG00000085918	6.367066661	4.173703463	4.943057334	11.27640741	7.161945863
ENSMUSG00000085919	5.65961481	4.173703463	4.943057334	8.054576721	4.297167518
ENSMUSG00000085920	2.122355554	4.173703463	7.061510478	4.02728836	6.445751277
ENSMUSG00000085921	7.074518513	13.91234488	12.00456781	7.249119049	5.013362104
ENSMUSG00000085922	4.244711108	6.260555194	7.061510478	12.08186508	10.02672421
ENSMUSG00000085923	12.02668147	5.56493795	4.943057334	8.054576721	7.161945863
ENSMUSG00000085924	11.31922962	6.260555194	8.473812573	5.638203705	7.161945863
ENSMUSG00000085926	7.781970364	5.56493795	9.886114669	5.638203705	15.04008631
ENSMUSG00000085927	5.65961481	10.43425866	6.35535943	4.832746033	10.7429188
ENSMUSG00000085928	11.31922962	6.956172438	9.179963621	9.665492065	6.445751277
ENSMUSG00000085929	7.074518513	8.347406925	8.473812573	9.665492065	7.161945863
ENSMUSG00000085931	7.781970364	9.043024169	8.473812573	5.638203705	5.729556691
ENSMUSG00000085932	84.89422215	126.6023384	115.8087718	91.01671695	112.4425501
ENSMUSG00000085933	8.489422215	6.260555194	5.649208382	7.249119049	7.87814045
ENSMUSG00000085934	9.196874066	6.956172438	11.29841676	4.832746033	11.45911338
ENSMUSG00000085936	9.196874066	15.30357936	20.47838039	5.638203705	8.594335036
ENSMUSG00000085937	9.196874066	5.56493795	3.530755239	6.443661377	2.864778345
ENSMUSG00000085938	8.489422215	5.56493795	8.473812573	5.638203705	6.445751277
ENSMUSG00000085939	25.46826665	20.17290007	21.18453143	16.91461111	22.91822676
ENSMUSG00000085940	5.65961481	11.1298759	6.35535943	5.638203705	7.87814045
ENSMUSG00000085941	12.02668147	17.39043109	17.65377619	19.33098413	17.18867007
ENSMUSG00000085942	10.61177777	8.347406925	8.473812573	3.221830688	7.161945863
ENSMUSG00000085944	62.25576291	76.51789682	72.73355792	34.6346799	62.30892901
ENSMUSG00000085945	5.65961481	4.173703463	3.530755239	4.832746033	6.445751277
ENSMUSG00000085946	9.196874066	6.956172438	8.473812573	4.02728836	7.161945863
ENSMUSG00000085949	14.14903703	7.651789682	8.473812573	3.221830688	9.310529622
ENSMUSG00000085950	9.196874066	4.173703463	14.829172	6.443661377	6.445751277

ENSMUSG00000085951	14.14903703	9.738641413	3.530755239	2.416373016	7.161945863
ENSMUSG00000085952	5.65961481	6.956172438	2.824604191	8.054576721	5.729556691
ENSMUSG00000085953	8.489422215	6.260555194	5.649208382	7.249119049	7.161945863
ENSMUSG00000085955	61.54831106	93.21271067	87.56272992	219.0844868	169.738117
ENSMUSG00000085956	36.78749627	52.86691053	48.7244223	56.38203705	51.56601022
ENSMUSG00000085958	5.65961481	5.56493795	9.179963621	8.054576721	12.17530797
ENSMUSG00000085961	11.31922962	8.347406925	6.35535943	15.30369577	5.729556691
ENSMUSG00000085962	10.61177777	4.869320706	2.824604191	3.221830688	5.729556691
ENSMUSG00000085963	4.244711108	7.651789682	7.061510478	0.805457672	3.580972932
ENSMUSG00000085965	9.196874066	5.56493795	11.29841676	4.832746033	7.161945863
ENSMUSG00000085966	2.122355554	6.260555194	5.649208382	3.221830688	5.013362104
ENSMUSG00000085967	9.196874066	4.173703463	9.886114669	6.443661377	6.445751277
ENSMUSG00000085968	9.904325918	6.260555194	6.35535943	8.860034393	10.02672421
ENSMUSG00000085969	7.781970364	6.956172438	6.35535943	4.832746033	7.87814045
ENSMUSG00000085970	12.73413332	9.043024169	12.00456781	4.02728836	7.87814045
ENSMUSG00000085971	37.49494812	57.73623123	57.19823487	20.1364418	28.64778345
ENSMUSG00000085972	12.02668147	14.60796212	5.649208382	10.47094974	12.89150255
ENSMUSG00000085973	7.781970364	6.260555194	5.649208382	3.221830688	2.864778345
ENSMUSG00000085975	45.27691848	85.56092098	68.49665163	40.2728836	48.70123187
ENSMUSG00000085976	7.781970364	5.56493795	6.35535943	4.832746033	8.594335036
ENSMUSG00000085977	10.61177777	9.043024169	9.179963621	4.832746033	6.445751277
ENSMUSG00000085978	2.829807405	0.695617244	1.412302096	1.610915344	1.432389173
ENSMUSG00000085979	6.367066661	10.43425866	9.179963621	5.638203705	10.02672421
ENSMUSG00000085980	9.196874066	4.173703463	2.118453143	4.832746033	5.729556691
ENSMUSG00000085981	12.02668147	5.56493795	7.061510478	4.832746033	5.013362104
ENSMUSG00000085982	6.367066661	5.56493795	5.649208382	2.416373016	2.864778345
ENSMUSG00000085984	35.37259256	43.12826911	46.60596915	127.2623122	100.2672421
ENSMUSG00000085985	8.489422215	11.82549314	4.236906287	5.638203705	8.594335036
ENSMUSG00000085987	7.781970364	4.869320706	5.649208382	4.832746033	7.161945863
ENSMUSG00000085989	7.074518513	6.956172438	6.35535943	2.416373016	7.161945863
ENSMUSG00000085990	33.25023701	52.17129328	43.78136496	103.098582	83.07857202
ENSMUSG00000085991	1.414903703	0.695617244	2.824604191	4.02728836	5.013362104
ENSMUSG00000085992	7.781970364	9.738641413	4.236906287	5.638203705	7.87814045
ENSMUSG00000085993	10.61177777	6.260555194	9.179963621	10.47094974	7.161945863
ENSMUSG00000085995	36.78749627	37.56333116	31.77679715	49.132918	34.37734014
ENSMUSG00000085996	7.074518513	6.260555194	5.649208382	6.443661377	6.445751277
ENSMUSG00000085998	2.829807405	5.56493795	2.118453143	2.416373016	0.716194586
ENSMUSG00000085999	9.904325918	7.651789682	7.061510478	3.221830688	9.310529622
ENSMUSG00000086000	21.93100739	35.47647943	44.48751601	198.1425873	143.2389173
ENSMUSG00000086001	8.489422215	4.869320706	11.29841676	29.80193387	27.21539428
ENSMUSG00000086003	5.65961481	9.043024169	6.35535943	9.665492065	2.864778345
ENSMUSG00000086004	42.44711108	75.82227957	62.84744325	33.82922223	40.82309142
ENSMUSG00000086006	9.196874066	6.260555194	9.179963621	5.638203705	7.87814045

ENSMUSG0000086007	10.61177777	4.869320706	3.530755239	7.249119049	5.013362104
ENSMUSG0000086008	3.537259256	2.782468975	2.824604191	3.221830688	2.864778345
ENSMUSG0000086009	3.537259256	8.347406925	4.943057334	3.221830688	8.594335036
ENSMUSG0000086010	8.489422215	6.956172438	6.35535943	9.665492065	6.445751277
ENSMUSG0000086011	10.61177777	6.956172438	4.943057334	4.832746033	2.864778345
ENSMUSG0000086012	9.904325918	8.347406925	6.35535943	3.221830688	3.580972932
ENSMUSG0000086013	16.27139258	28.52030699	18.35992724	75.71302118	68.0384857
ENSMUSG0000086014	9.196874066	4.869320706	8.473812573	5.638203705	9.310529622
ENSMUSG0000086015	7.781970364	8.347406925	9.179963621	14.4982381	10.7429188
ENSMUSG0000086016	83.47931845	93.21271067	108.7472614	241.6373016	190.50776
ENSMUSG0000086017	7.074518513	8.347406925	8.473812573	6.443661377	4.297167518
ENSMUSG0000086018	5.65961481	11.82549314	7.061510478	4.832746033	4.297167518
ENSMUSG0000086019	10.61177777	2.782468975	10.59226572	6.443661377	6.445751277
ENSMUSG0000086020	7.781970364	4.869320706	5.649208382	3.221830688	14.32389173
ENSMUSG0000086021	8.489422215	6.260555194	4.943057334	8.054576721	6.445751277
ENSMUSG0000086022	5.65961481	7.651789682	3.530755239	2.416373016	8.594335036
ENSMUSG0000086025	11.31922962	8.347406925	7.767661525	4.832746033	5.729556691
ENSMUSG0000086026	9.196874066	8.347406925	4.943057334	4.832746033	7.87814045
ENSMUSG0000086027	10.61177777	11.82549314	9.179963621	12.08186508	9.310529622
ENSMUSG0000086028	8.489422215	4.869320706	8.473812573	6.443661377	8.594335036
ENSMUSG0000086029	4.952162959	6.260555194	8.473812573	6.443661377	5.013362104
ENSMUSG0000086030	11.31922962	5.56493795	7.061510478	8.860034393	7.161945863
ENSMUSG0000086031	6.367066661	2.086851731	5.649208382	8.054576721	9.310529622
ENSMUSG0000086032	29.71297775	31.99839321	48.7244223	44.30017197	44.40406435
ENSMUSG0000086034	2.122355554	4.869320706	3.530755239	1.610915344	4.297167518
ENSMUSG0000086035	7.074518513	5.56493795	8.473812573	8.860034393	10.02672421
ENSMUSG0000086036	8.489422215	9.043024169	7.767661525	8.054576721	8.594335036
ENSMUSG0000086037	12.02668147	2.782468975	7.767661525	4.02728836	8.594335036
ENSMUSG0000086039	65.79302217	107.8206728	77.67661525	104.7094974	96.68626916
ENSMUSG0000086041	13.44158517	9.043024169	13.41686991	5.638203705	8.594335036
ENSMUSG0000086042	4.244711108	6.956172438	10.59226572	6.443661377	10.02672421
ENSMUSG0000086043	10.61177777	6.956172438	8.473812573	5.638203705	7.161945863
ENSMUSG0000086044	15.56394073	11.1298759	1.412302096	8.054576721	8.594335036
ENSMUSG0000086046	19.80865184	15.30357936	14.829172	14.4982381	23.63442135
ENSMUSG0000086047	60.84085921	92.51709342	88.26888097	112.7640741	89.52432329
ENSMUSG0000086048	13.44158517	9.043024169	16.94762515	9.665492065	6.445751277
ENSMUSG0000086049	0	0	0	0	0
ENSMUSG0000086050	7.074518513	6.260555194	7.767661525	9.665492065	7.161945863
ENSMUSG0000086052	7.781970364	8.347406925	7.767661525	5.638203705	3.580972932
ENSMUSG0000086053	4.244711108	7.651789682	9.886114669	5.638203705	4.297167518
ENSMUSG0000086054	0	0	0.706151048	0	0
ENSMUSG0000086055	9.196874066	2.782468975	8.473812573	3.221830688	7.161945863
ENSMUSG0000086057	6.367066661	12.52111039	9.179963621	5.638203705	7.87814045

ENSMUSG0000086058	7.074518513	7.651789682	5.649208382	4.832746033	6.445751277
ENSMUSG0000086060	9.904325918	8.347406925	2.824604191	4.02728836	5.729556691
ENSMUSG0000086061	7.781970364	6.956172438	7.767661525	8.054576721	2.864778345
ENSMUSG0000086063	34.66514071	48.69320706	45.8998181	49.132918	52.2822048
ENSMUSG0000086064	33.95768886	46.60635533	36.71985448	23.35827249	25.78300511
ENSMUSG0000086065	36.08004441	43.82388636	40.95676077	22.55281482	26.49919969
ENSMUSG0000086066	9.196874066	5.56493795	4.236906287	2.416373016	7.161945863
ENSMUSG0000086067	7.781970364	7.651789682	7.061510478	12.88732275	12.17530797
ENSMUSG0000086068	8.489422215	7.651789682	9.179963621	3.221830688	3.580972932
ENSMUSG0000086069	206.5759406	266.4214044	209.0207101	144.1769233	141.0903335
ENSMUSG0000086070	9.196874066	4.869320706	7.061510478	4.832746033	5.013362104
ENSMUSG0000086071	9.196874066	9.043024169	10.59226572	2.416373016	4.297167518
ENSMUSG0000086072	8.489422215	11.1298759	3.530755239	3.221830688	7.87814045
ENSMUSG0000086074	9.904325918	4.173703463	8.473812573	3.221830688	4.297167518
ENSMUSG0000086075	12.02668147	22.95536904	21.89068248	49.93837567	38.67450766
ENSMUSG0000086076	36.08004441	43.82388636	45.8998181	16.10915344	20.769643
ENSMUSG0000086077	3.537259256	4.173703463	1.412302096	2.416373016	3.580972932
ENSMUSG0000086078	4.952162959	6.260555194	8.473812573	2.416373016	2.148583759
ENSMUSG0000086080	15.56394073	5.56493795	7.767661525	5.638203705	10.02672421
ENSMUSG0000086081	7.781970364	4.173703463	3.530755239	4.02728836	2.864778345
ENSMUSG0000086083	62.25576291	82.77845201	74.14586002	186.8661799	130.3474147
ENSMUSG0000086087	9.196874066	6.260555194	4.943057334	5.638203705	5.013362104
ENSMUSG0000086089	14.85648888	13.91234488	10.59226572	6.443661377	5.013362104
ENSMUSG0000086090	6.367066661	4.173703463	5.649208382	8.860034393	9.310529622
ENSMUSG0000086092	10.61177777	13.91234488	13.41686991	8.860034393	8.594335036
ENSMUSG0000086093	5.65961481	13.21672763	7.767661525	10.47094974	8.594335036
ENSMUSG0000086095	11.31922962	8.347406925	4.236906287	4.02728836	3.580972932
ENSMUSG0000086096	2.122355554	6.260555194	9.179963621	1.610915344	4.297167518
ENSMUSG0000086097	6.367066661	9.738641413	6.35535943	6.443661377	8.594335036
ENSMUSG0000086098	9.196874066	4.173703463	4.236906287	9.665492065	7.161945863
ENSMUSG0000086103	8.489422215	6.260555194	7.061510478	8.054576721	4.297167518
ENSMUSG0000086104	2.122355554	4.173703463	4.236906287	3.221830688	4.297167518
ENSMUSG0000086105	8.489422215	8.347406925	8.473812573	4.832746033	6.445751277
ENSMUSG0000086107	12.02668147	16.69481385	16.2414741	10.47094974	13.60769714
ENSMUSG0000086108	44.56946663	61.21431745	60.02283906	33.82922223	30.79636721
ENSMUSG0000086109	9.196874066	3.478086219	6.35535943	8.054576721	5.013362104
ENSMUSG0000086111	21.93100739	31.30277597	19.06607829	16.10915344	20.769643
ENSMUSG0000086113	112.4848444	163.4700523	148.29172	234.3881826	191.9401491
ENSMUSG0000086114	7.074518513	11.82549314	8.473812573	8.860034393	9.310529622
ENSMUSG0000086115	8.489422215	7.651789682	3.530755239	6.443661377	4.297167518
ENSMUSG0000086117	9.196874066	15.99919661	11.29841676	49.93837567	37.24211849
ENSMUSG0000086118	5.65961481	3.478086219	2.118453143	3.221830688	2.864778345
ENSMUSG0000086119	10.61177777	5.56493795	4.943057334	5.638203705	2.864778345

ENSMUSG0000086121	7.074518513	13.21672763	13.41686991	12.08186508	7.87814045
ENSMUSG0000086122	9.904325918	6.956172438	8.473812573	5.638203705	3.580972932
ENSMUSG0000086123	27.5906222	31.99839321	43.07521391	29.80193387	25.06681052
ENSMUSG0000086124	7.781970364	11.1298759	7.061510478	4.02728836	5.013362104
ENSMUSG0000086125	10.61177777	4.869320706	4.943057334	12.08186508	2.864778345
ENSMUSG0000086126	4.952162959	4.173703463	7.767661525	4.832746033	7.87814045
ENSMUSG0000086127	47.39927403	62.60555194	67.08434954	66.85298678	72.33565322
ENSMUSG0000086128	15.56394073	8.347406925	4.236906287	5.638203705	7.161945863
ENSMUSG0000086129	10.61177777	4.173703463	6.35535943	12.08186508	7.161945863
ENSMUSG0000086130	19.80865184	16.69481385	19.06607829	10.47094974	9.310529622
ENSMUSG0000086132	0.707451851	0.695617244	0.706151048	0	0
ENSMUSG0000086133	7.074518513	8.347406925	7.061510478	2.416373016	5.013362104
ENSMUSG0000086134	10.61177777	7.651789682	12.71071886	4.02728836	8.594335036
ENSMUSG0000086135	5.65961481	7.651789682	8.473812573	8.054576721	6.445751277
ENSMUSG0000086136	6.367066661	9.043024169	6.35535943	9.665492065	8.594335036
ENSMUSG0000086137	12.02668147	8.347406925	14.12302096	4.832746033	6.445751277
ENSMUSG0000086138	9.904325918	9.738641413	5.649208382	4.02728836	6.445751277
ENSMUSG0000086139	3.537259256	6.260555194	5.649208382	4.832746033	7.87814045
ENSMUSG0000086140	0.707451851	0	0	0	0
ENSMUSG0000086141	9.196874066	2.086851731	5.649208382	4.02728836	7.161945863
ENSMUSG0000086142	2.122355554	4.173703463	2.118453143	1.610915344	2.148583759
ENSMUSG0000086144	7.074518513	7.651789682	2.118453143	2.416373016	5.729556691
ENSMUSG0000086145	3.537259256	9.043024169	4.943057334	4.832746033	6.445751277
ENSMUSG0000086146	9.196874066	22.95536904	16.2414741	12.88732275	15.04008631
ENSMUSG0000086148	10.61177777	5.56493795	7.767661525	2.416373016	7.161945863
ENSMUSG0000086149	23.34591109	26.43345526	26.83373982	14.4982381	13.60769714
ENSMUSG0000086150	94.09109622	127.2979556	136.9933033	104.7094974	105.9967988
ENSMUSG0000086151	9.196874066	9.738641413	7.061510478	3.221830688	7.161945863
ENSMUSG0000086152	9.904325918	7.651789682	9.886114669	4.02728836	7.161945863
ENSMUSG0000086153	12.73413332	7.651789682	12.71071886	4.832746033	11.45911338
ENSMUSG0000086154	11.31922962	16.69481385	8.473812573	8.860034393	7.87814045
ENSMUSG0000086155	1.414903703	0	0.706151048	0.805457672	0
ENSMUSG0000086156	157.054311	173.2086937	164.5331941	105.514955	83.7947666
ENSMUSG0000086157	4.244711108	4.173703463	2.118453143	4.02728836	2.864778345
ENSMUSG0000086159	6.367066661	6.956172438	7.767661525	8.054576721	9.310529622
ENSMUSG0000086160	7.074518513	6.956172438	7.061510478	11.27640741	8.594335036
ENSMUSG0000086161	6.367066661	8.347406925	7.767661525	7.249119049	10.7429188
ENSMUSG0000086162	12.02668147	4.869320706	7.061510478	7.249119049	3.580972932
ENSMUSG0000086163	2.829807405	6.260555194	4.236906287	5.638203705	5.013362104
ENSMUSG0000086164	5.65961481	3.478086219	6.35535943	12.08186508	3.580972932
ENSMUSG0000086165	9.904325918	6.956172438	7.767661525	4.832746033	7.161945863
ENSMUSG0000086166	2.122355554	7.651789682	4.943057334	3.221830688	10.7429188
ENSMUSG0000086167	203.0386813	230.2493077	212.5514654	169.9515688	160.4275873

ENSMUSG0000086168	14.14903703	6.956172438	13.41686991	7.249119049	3.580972932
ENSMUSG0000086170	7.074518513	5.56493795	12.00456781	5.638203705	7.161945863
ENSMUSG0000086171	5.65961481	11.1298759	6.35535943	5.638203705	11.45911338
ENSMUSG0000086172	9.904325918	9.043024169	2.824604191	9.665492065	10.7429188
ENSMUSG0000086173	4.244711108	4.173703463	3.530755239	0.805457672	1.432389173
ENSMUSG0000086174	7.781970364	6.260555194	6.35535943	8.054576721	7.161945863
ENSMUSG0000086175	7.074518513	8.347406925	7.061510478	4.832746033	6.445751277
ENSMUSG0000086176	11.31922962	6.260555194	8.473812573	9.665492065	7.161945863
ENSMUSG0000086177	7.781970364	5.56493795	5.649208382	7.249119049	7.161945863
ENSMUSG0000086179	9.904325918	5.56493795	9.886114669	6.443661377	10.7429188
ENSMUSG0000086181	9.196874066	5.56493795	7.061510478	3.221830688	4.297167518
ENSMUSG0000086184	94.09109622	138.4278315	116.5149229	345.5413413	229.8984622
ENSMUSG0000086185	3.537259256	4.173703463	8.473812573	3.221830688	3.580972932
ENSMUSG0000086186	7.781970364	10.43425866	4.236906287	6.443661377	5.729556691
ENSMUSG0000086187	11.31922962	3.478086219	4.943057334	7.249119049	3.580972932
ENSMUSG0000086188	9.196874066	1.391234488	0.706151048	4.832746033	2.148583759
ENSMUSG0000086189	8.489422215	9.738641413	8.473812573	5.638203705	5.729556691
ENSMUSG0000086190	7.074518513	2.086851731	6.35535943	4.832746033	9.310529622
ENSMUSG0000086191	43.86201478	68.17048989	63.5535943	60.40932541	55.86317773
ENSMUSG0000086192	12.02668147	9.738641413	14.12302096	8.054576721	10.02672421
ENSMUSG0000086193	15.56394073	31.99839321	16.2414741	67.65844446	43.68786977
ENSMUSG0000086194	10.61177777	8.347406925	3.530755239	4.832746033	3.580972932
ENSMUSG0000086195	13.44158517	6.956172438	13.41686991	2.416373016	5.729556691
ENSMUSG0000086196	6.367066661	6.260555194	7.767661525	9.665492065	10.02672421
ENSMUSG0000086197	8.489422215	10.43425866	10.59226572	8.860034393	0.716194586
ENSMUSG0000086199	9.904325918	5.56493795	4.236906287	8.860034393	8.594335036
ENSMUSG0000086201	4.952162959	6.260555194	5.649208382	6.443661377	5.729556691
ENSMUSG0000086202	11.31922962	11.1298759	8.473812573	8.860034393	2.864778345
ENSMUSG0000086203	10.61177777	7.651789682	7.061510478	7.249119049	3.580972932
ENSMUSG0000086204	5.65961481	6.260555194	11.29841676	2.416373016	5.729556691
ENSMUSG0000086205	11.31922962	15.30357936	20.47838039	13.69278043	14.32389173
ENSMUSG0000086206	20.51610369	25.04222078	23.30298458	20.1364418	22.20203218
ENSMUSG0000086207	4.952162959	2.782468975	4.236906287	3.221830688	3.580972932
ENSMUSG0000086209	6.367066661	7.651789682	6.35535943	7.249119049	5.729556691
ENSMUSG0000086211	272.3689627	304.6803528	289.5219296	302.8520847	244.9385485
ENSMUSG0000086212	119.5593629	176.6867799	159.5901368	138.5387196	108.8615771
ENSMUSG0000086213	9.904325918	12.52111039	13.41686991	16.10915344	12.17530797
ENSMUSG0000086214	7.781970364	9.738641413	14.829172	7.249119049	5.729556691
ENSMUSG0000086216	17.68629628	27.82468975	16.2414741	28.9964762	38.67450766
ENSMUSG0000086219	7.074518513	5.56493795	7.061510478	6.443661377	5.729556691
ENSMUSG0000086220	12.73413332	19.47728283	25.42143772	12.88732275	12.17530797
ENSMUSG0000086221	7.074518513	11.82549314	9.179963621	4.02728836	4.297167518
ENSMUSG0000086222	9.196874066	8.347406925	10.59226572	10.47094974	10.02672421

ENSMUSG0000086224	11.31922962	11.82549314	8.473812573	5.638203705	6.445751277
ENSMUSG0000086225	9.904325918	10.43425866	5.649208382	7.249119049	8.594335036
ENSMUSG0000086226	5.65961481	6.956172438	9.886114669	56.38203705	34.37734014
ENSMUSG0000086227	9.196874066	8.347406925	9.179963621	6.443661377	6.445751277
ENSMUSG0000086229	7.781970364	4.869320706	12.71071886	10.47094974	9.310529622
ENSMUSG0000086230	3.537259256	4.869320706	4.943057334	2.416373016	4.297167518
ENSMUSG0000086231	7.781970364	3.478086219	7.767661525	4.832746033	7.87814045
ENSMUSG0000086232	10.61177777	4.173703463	4.236906287	5.638203705	9.310529622
ENSMUSG0000086233	9.904325918	9.043024169	8.473812573	4.832746033	7.161945863
ENSMUSG0000086234	12.02668147	11.82549314	7.061510478	15.30369577	9.310529622
ENSMUSG0000086235	8.489422215	5.56493795	5.649208382	11.27640741	10.02672421
ENSMUSG0000086236	8.489422215	10.43425866	8.473812573	9.665492065	10.02672421
ENSMUSG0000086237	12.02668147	25.73783802	21.89068248	38.66196826	22.91822676
ENSMUSG0000086238	7.781970364	6.956172438	4.236906287	5.638203705	8.594335036
ENSMUSG0000086239	10.61177777	6.956172438	10.59226572	1.610915344	4.297167518
ENSMUSG0000086240	10.61177777	9.043024169	5.649208382	4.832746033	2.148583759
ENSMUSG0000086241	12.73413332	7.651789682	8.473812573	8.054576721	10.02672421
ENSMUSG0000086243	9.904325918	6.260555194	7.767661525	2.416373016	5.729556691
ENSMUSG0000086244	4.244711108	6.260555194	3.530755239	2.416373016	2.148583759
ENSMUSG0000086245	9.904325918	9.738641413	5.649208382	5.638203705	9.310529622
ENSMUSG0000086246	7.781970364	4.869320706	4.236906287	0.805457672	5.013362104
ENSMUSG0000086247	46.69182218	75.12666233	62.1412922	62.02024075	53.71459398
ENSMUSG0000086248	11.31922962	5.56493795	7.061510478	8.054576721	4.297167518
ENSMUSG0000086249	14.14903703	18.08604834	9.886114669	8.860034393	13.60769714
ENSMUSG0000086250	7.781970364	6.260555194	2.824604191	6.443661377	10.02672421
ENSMUSG0000086251	89.13893326	119.6461659	102.3919019	144.982381	124.617858
ENSMUSG0000086253	12.73413332	6.956172438	11.29841676	6.443661377	7.87814045
ENSMUSG0000086254	9.196874066	3.478086219	7.061510478	5.638203705	7.87814045
ENSMUSG0000086255	9.196874066	16.69481385	16.94762515	8.054576721	6.445751277
ENSMUSG0000086256	4.952162959	9.043024169	5.649208382	9.665492065	7.161945863
ENSMUSG0000086257	9.196874066	8.347406925	9.886114669	9.665492065	6.445751277
ENSMUSG0000086258	5.65961481	9.043024169	13.41686991	5.638203705	11.45911338
ENSMUSG0000086259	12.02668147	5.56493795	7.061510478	4.02728836	7.161945863
ENSMUSG0000086260	9.904325918	11.1298759	16.2414741	4.02728836	10.02672421
ENSMUSG0000086261	12.73413332	3.478086219	12.00456781	8.054576721	10.7429188
ENSMUSG0000086262	5.65961481	7.651789682	5.649208382	5.638203705	7.161945863
ENSMUSG0000086263	5.65961481	9.043024169	10.59226572	6.443661377	10.02672421
ENSMUSG0000086264	114.6071999	137.7322143	132.0502459	70.07481747	76.63282074
ENSMUSG0000086265	14.85648888	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG0000086266	9.904325918	3.478086219	4.943057334	1.610915344	7.87814045
ENSMUSG0000086267	9.904325918	6.956172438	10.59226572	7.249119049	7.161945863
ENSMUSG0000086268	9.196874066	3.478086219	2.824604191	4.832746033	5.013362104
ENSMUSG0000086269	9.904325918	9.043024169	4.236906287	12.08186508	7.161945863



ENSMUSG00000086272	5.65961481	8.347406925	7.767661525	9.665492065	10.7429188
ENSMUSG00000086273	8.489422215	5.56493795	10.59226572	6.443661377	7.161945863
ENSMUSG00000086275	7.781970364	5.56493795	7.061510478	4.832746033	7.161945863
ENSMUSG00000086278	6.367066661	9.043024169	6.35535943	6.443661377	5.729556691
ENSMUSG00000086279	5.65961481	3.478086219	4.943057334	2.416373016	1.432389173
ENSMUSG00000086282	5.65961481	9.043024169	4.943057334	8.054576721	7.87814045
ENSMUSG00000086283	6.367066661	9.043024169	6.35535943	16.91461111	12.89150255
ENSMUSG00000086284	6.367066661	6.956172438	8.473812573	2.416373016	7.87814045
ENSMUSG00000086286	4.244711108	2.782468975	4.236906287	3.221830688	2.864778345
ENSMUSG00000086287	4.952162959	6.260555194	5.649208382	7.249119049	2.864778345
ENSMUSG00000086288	15.56394073	17.39043109	14.829172	12.88732275	13.60769714
ENSMUSG00000086289	20.51610369	16.69481385	19.77222934	17.72006879	14.32389173
ENSMUSG00000086290	2.122355554	0	2.118453143	2.416373016	0.716194586
ENSMUSG00000086291	10.61177777	11.82549314	5.649208382	6.443661377	7.161945863
ENSMUSG00000086292	1.414903703	1.391234488	0	0	0.716194586
ENSMUSG00000086293	12.73413332	5.56493795	5.649208382	4.832746033	5.013362104
ENSMUSG00000086296	7.074518513	6.260555194	7.767661525	6.443661377	10.02672421
ENSMUSG00000086297	6.367066661	13.91234488	14.12302096	8.860034393	10.7429188
ENSMUSG00000086298	20.51610369	31.30277597	31.77679715	5.638203705	10.02672421
ENSMUSG00000086302	7.781970364	1.391234488	8.473812573	6.443661377	9.310529622
ENSMUSG00000086306	7.074518513	9.738641413	5.649208382	10.47094974	8.594335036
ENSMUSG00000086308	3.537259256	8.347406925	5.649208382	4.02728836	6.445751277
ENSMUSG00000086310	17.68629628	14.60796212	16.94762515	20.1364418	17.18867007
ENSMUSG00000086311	7.781970364	6.260555194	7.767661525	9.665492065	6.445751277
ENSMUSG00000086312	16.27139258	23.65098629	24.71528667	14.4982381	14.32389173
ENSMUSG00000086313	9.196874066	6.260555194	6.35535943	7.249119049	5.729556691
ENSMUSG00000086315	12.73413332	43.12826911	25.42143772	37.05105292	26.49919969
ENSMUSG00000086316	7.074518513	6.956172438	5.649208382	5.638203705	7.161945863
ENSMUSG00000086319	12.02668147	2.782468975	9.179963621	9.665492065	5.729556691
ENSMUSG00000086320	11.31922962	9.043024169	11.29841676	5.638203705	10.02672421
ENSMUSG00000086321	6.367066661	7.651789682	5.649208382	3.221830688	4.297167518
ENSMUSG00000086322	16.97884443	23.65098629	16.94762515	68.46390213	46.55264811
ENSMUSG00000086324	59.42595551	75.12666233	73.43970897	144.1769233	137.5093606
ENSMUSG00000086326	7.781970364	9.043024169	6.35535943	2.416373016	5.013362104
ENSMUSG00000086327	9.196874066	17.39043109	10.59226572	8.054576721	10.7429188
ENSMUSG00000086328	1.414903703	5.56493795	1.412302096	0.805457672	0
ENSMUSG00000086329	14.85648888	7.651789682	5.649208382	8.860034393	8.594335036
ENSMUSG00000086330	10.61177777	11.82549314	19.77222934	4.832746033	9.310529622
ENSMUSG00000086331	13.44158517	15.30357936	19.77222934	17.72006879	20.769643
ENSMUSG00000086332	5.65961481	9.738641413	11.29841676	4.832746033	7.87814045
ENSMUSG00000086333	10.61177777	5.56493795	12.00456781	3.221830688	5.013362104
ENSMUSG00000086335	9.196874066	7.651789682	9.179963621	8.860034393	6.445751277
ENSMUSG00000086336	9.196874066	9.738641413	12.71071886	6.443661377	10.7429188

ENSMUSG00000086337	7.781970364	11.82549314	9.886114669	7.249119049	8.594335036
ENSMUSG00000086338	3.537259256	3.478086219	2.118453143	2.416373016	3.580972932
ENSMUSG00000086339	11.31922962	6.956172438	7.767661525	7.249119049	5.729556691
ENSMUSG00000086340	9.196874066	12.52111039	9.886114669	16.10915344	16.47247549
ENSMUSG00000086341	16.97884443	7.651789682	10.59226572	9.665492065	6.445751277
ENSMUSG00000086342	48.10672589	50.08444155	46.60596915	53.96566403	45.83645353
ENSMUSG00000086344	7.074518513	12.52111039	10.59226572	11.27640741	10.7429188
ENSMUSG00000086346	4.244711108	4.173703463	7.061510478	3.221830688	6.445751277
ENSMUSG00000086347	27.5906222	27.12907251	23.30298458	55.57657937	38.67450766
ENSMUSG00000086348	4.952162959	4.869320706	5.649208382	0.805457672	9.310529622
ENSMUSG00000086349	9.196874066	10.43425866	10.59226572	3.221830688	4.297167518
ENSMUSG00000086350	35.37259256	62.60555194	57.90438592	53.96566403	49.41742646
ENSMUSG00000086352	9.196874066	7.651789682	7.767661525	4.832746033	11.45911338
ENSMUSG00000086353	12.02668147	9.738641413	13.41686991	3.221830688	4.297167518
ENSMUSG00000086354	8.489422215	9.738641413	10.59226572	12.88732275	8.594335036
ENSMUSG00000086355	8.489422215	4.869320706	6.35535943	11.27640741	7.87814045
ENSMUSG00000086356	7.781970364	9.043024169	4.236906287	8.860034393	7.161945863
ENSMUSG00000086358	15.56394073	32.69401046	27.53989086	21.74735715	25.78300511
ENSMUSG00000086359	5.65961481	3.478086219	5.649208382	5.638203705	8.594335036
ENSMUSG00000086360	16.97884443	35.47647943	43.78136496	20.1364418	22.20203218
ENSMUSG00000086363	6.367066661	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000086364	9.196874066	7.651789682	5.649208382	3.221830688	6.445751277
ENSMUSG00000086365	7.781970364	13.91234488	13.41686991	11.27640741	7.87814045
ENSMUSG00000086366	8.489422215	6.956172438	4.236906287	8.054576721	7.87814045
ENSMUSG00000086367	2.122355554	3.478086219	2.824604191	4.832746033	4.297167518
ENSMUSG00000086368	48.81417774	72.34419335	58.61053696	167.5351958	112.4425501
ENSMUSG00000086369	9.904325918	19.47728283	12.00456781	6.443661377	9.310529622
ENSMUSG00000086370	3.537259256	9.738641413	3.530755239	6.443661377	11.45911338
ENSMUSG00000086371	11.31922962	3.478086219	8.473812573	2.416373016	6.445751277
ENSMUSG00000086372	11.31922962	10.43425866	4.943057334	4.832746033	7.87814045
ENSMUSG00000086373	7.074518513	4.869320706	9.886114669	4.02728836	7.161945863
ENSMUSG00000086375	10.61177777	3.478086219	5.649208382	4.02728836	7.161945863
ENSMUSG00000086376	108.9475851	143.9927695	139.1117564	93.43308996	83.7947666
ENSMUSG00000086377	12.73413332	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG00000086378	9.904325918	6.956172438	5.649208382	2.416373016	7.87814045
ENSMUSG00000086379	9.904325918	6.260555194	6.35535943	5.638203705	7.87814045
ENSMUSG00000086380	7.781970364	9.738641413	6.35535943	4.832746033	7.87814045
ENSMUSG00000086381	12.73413332	9.738641413	7.767661525	8.860034393	4.297167518
ENSMUSG00000086382	4.952162959	3.478086219	5.649208382	4.832746033	6.445751277
ENSMUSG00000086384	3.537259256	9.043024169	7.061510478	8.860034393	11.45911338
ENSMUSG00000086385	10.61177777	4.173703463	8.473812573	4.02728836	5.729556691
ENSMUSG00000086386	10.61177777	6.956172438	11.29841676	10.47094974	9.310529622
ENSMUSG00000086387	142.905274	198.2509145	163.120892	143.3714656	101.6996313

ENSMUSG00000086389	5.65961481	11.1298759	7.767661525	4.832746033	5.013362104
ENSMUSG00000086390	9.196874066	12.52111039	9.886114669	4.02728836	10.02672421
ENSMUSG00000086391	7.781970364	6.956172438	8.473812573	8.860034393	10.02672421
ENSMUSG00000086392	20.51610369	38.25894841	37.42600553	22.55281482	21.48583759
ENSMUSG00000086394	8.489422215	4.173703463	8.473812573	9.665492065	5.729556691
ENSMUSG00000086395	10.61177777	3.478086219	4.943057334	11.27640741	8.594335036
ENSMUSG00000086396	5.65961481	6.260555194	4.943057334	8.054576721	10.7429188
ENSMUSG00000086399	6.367066661	4.869320706	9.886114669	12.08186508	2.864778345
ENSMUSG00000086401	63.67066661	89.73462445	95.33039145	227.1390635	155.4142252
ENSMUSG00000086402	11.31922962	5.56493795	10.59226572	8.054576721	5.013362104
ENSMUSG00000086404	4.952162959	11.82549314	8.473812573	10.47094974	12.17530797
ENSMUSG00000086405	7.074518513	6.260555194	7.061510478	10.47094974	6.445751277
ENSMUSG00000086407	45.98437033	69.56172438	72.02740687	87.79488626	80.92998826
ENSMUSG00000086408	9.904325918	4.173703463	4.943057334	3.221830688	12.17530797
ENSMUSG00000086409	5.65961481	11.82549314	10.59226572	38.66196826	37.95831308
ENSMUSG00000086410	25.46826665	31.30277597	31.0706461	25.77464551	40.82309142
ENSMUSG00000086411	9.196874066	6.260555194	6.35535943	5.638203705	10.02672421
ENSMUSG00000086413	6.367066661	8.347406925	9.886114669	4.02728836	7.161945863
ENSMUSG00000086414	12.02668147	8.347406925	7.767661525	10.47094974	7.87814045
ENSMUSG00000086415	7.781970364	6.956172438	6.35535943	9.665492065	5.729556691
ENSMUSG00000086416	5.65961481	6.956172438	6.35535943	6.443661377	5.013362104
ENSMUSG00000086417	6.367066661	9.738641413	1.412302096	5.638203705	4.297167518
ENSMUSG00000086418	8.489422215	8.347406925	5.649208382	6.443661377	7.87814045
ENSMUSG00000086420	8.489422215	7.651789682	5.649208382	6.443661377	6.445751277
ENSMUSG00000086421	8.489422215	5.56493795	7.767661525	10.47094974	9.310529622
ENSMUSG00000086422	10.61177777	6.956172438	6.35535943	7.249119049	7.161945863
ENSMUSG00000086423	12.02668147	4.869320706	9.886114669	7.249119049	8.594335036
ENSMUSG00000086424	263.1720887	245.5528871	260.5697366	126.4568545	131.7798039
ENSMUSG00000086425	8.489422215	3.478086219	6.35535943	7.249119049	8.594335036
ENSMUSG00000086426	2.829807405	4.869320706	6.35535943	0	2.864778345
ENSMUSG00000086427	0	0.695617244	2.824604191	3.221830688	4.297167518
ENSMUSG00000086428	9.196874066	12.52111039	9.886114669	8.054576721	11.45911338
ENSMUSG00000086429	145.0276295	206.5983214	170.1824025	346.346799	244.9385485
ENSMUSG00000086430	11.31922962	5.56493795	6.35535943	7.249119049	6.445751277
ENSMUSG00000086431	4.952162959	6.260555194	2.824604191	4.832746033	4.297167518
ENSMUSG00000086432	7.074518513	12.52111039	9.179963621	3.221830688	9.310529622
ENSMUSG00000086433	35.37259256	68.86610713	57.90438592	41.88379895	40.10689684
ENSMUSG00000086434	7.781970364	14.60796212	10.59226572	10.47094974	10.7429188
ENSMUSG00000086436	8.489422215	8.347406925	9.886114669	6.443661377	10.02672421
ENSMUSG00000086437	10.61177777	5.56493795	8.473812573	4.02728836	7.87814045
ENSMUSG00000086438	7.074518513	9.043024169	11.29841676	3.221830688	8.594335036
ENSMUSG00000086439	6.367066661	9.043024169	7.767661525	6.443661377	10.02672421
ENSMUSG00000086441	7.781970364	2.086851731	0.706151048	2.416373016	3.580972932

ENSMUSG0000086442	122.3891703	164.8612868	139.8179075	255.3300821	206.9802355
ENSMUSG0000086443	9.904325918	10.43425866	9.179963621	132.0950582	78.7814045
ENSMUSG0000086444	10.61177777	2.782468975	7.061510478	4.02728836	5.013362104
ENSMUSG0000086445	7.781970364	3.478086219	4.236906287	4.02728836	8.594335036
ENSMUSG0000086446	33.25023701	58.43184848	52.25517753	25.77464551	24.35061594
ENSMUSG0000086447	10.61177777	11.82549314	8.473812573	8.054576721	5.729556691
ENSMUSG0000086448	7.074518513	9.738641413	7.061510478	6.443661377	6.445751277
ENSMUSG0000086449	5.65961481	6.956172438	8.473812573	6.443661377	5.729556691
ENSMUSG0000086450	7.781970364	7.651789682	16.94762515	6.443661377	5.729556691
ENSMUSG0000086451	18.39374813	43.12826911	30.36449505	33.02376456	42.25548059
ENSMUSG0000086452	4.952162959	0.695617244	6.35535943	1.610915344	0.716194586
ENSMUSG0000086453	30.4204296	25.73783802	33.18909925	78.93485187	67.32229112
ENSMUSG0000086454	4.952162959	4.173703463	2.824604191	6.443661377	2.864778345
ENSMUSG0000086455	7.781970364	7.651789682	5.649208382	6.443661377	10.7429188
ENSMUSG0000086458	11.31922962	4.173703463	5.649208382	4.832746033	8.594335036
ENSMUSG0000086459	21.22355554	26.43345526	36.71985448	45.91108731	35.09353473
ENSMUSG0000086460	11.31922962	6.956172438	9.179963621	11.27640741	7.87814045
ENSMUSG0000086462	8.489422215	9.043024169	2.824604191	2.416373016	3.580972932
ENSMUSG0000086464	101.1656147	136.3409798	119.3395271	89.4058016	84.51096119
ENSMUSG0000086465	0	0	0	0	0
ENSMUSG0000086467	9.904325918	4.173703463	5.649208382	8.054576721	4.297167518
ENSMUSG0000086468	23.34591109	57.04061399	42.36906287	63.6311561	67.32229112
ENSMUSG0000086470	5.65961481	3.478086219	7.061510478	5.638203705	2.864778345
ENSMUSG0000086472	7.781970364	6.260555194	8.473812573	6.443661377	9.310529622
ENSMUSG0000086473	19.10119998	34.78086219	31.77679715	29.80193387	17.90486466
ENSMUSG0000086474	9.196874066	6.260555194	7.061510478	4.02728836	8.594335036
ENSMUSG0000086475	7.781970364	5.56493795	7.767661525	5.638203705	6.445751277
ENSMUSG0000086477	42.44711108	66.08363816	55.78593277	108.7367857	97.40246374
ENSMUSG0000086478	10.61177777	4.869320706	9.886114669	4.832746033	4.297167518
ENSMUSG0000086479	197.3790665	232.3361594	185.0115745	101.4876667	87.37573953
ENSMUSG0000086480	6.367066661	7.651789682	7.767661525	4.02728836	8.594335036
ENSMUSG0000086481	12.73413332	20.17290007	21.18453143	18.52552646	16.47247549
ENSMUSG0000086482	9.196874066	4.173703463	4.943057334	11.27640741	7.161945863
ENSMUSG0000086483	12.73413332	8.347406925	7.061510478	7.249119049	8.594335036
ENSMUSG0000086484	3.537259256	3.478086219	4.943057334	4.832746033	6.445751277
ENSMUSG0000086485	9.196874066	6.956172438	8.473812573	10.47094974	7.87814045
ENSMUSG0000086486	4.952162959	4.173703463	8.473812573	4.832746033	10.02672421
ENSMUSG0000086487	7.074518513	9.738641413	7.767661525	4.832746033	5.013362104
ENSMUSG0000086489	2.829807405	1.391234488	4.943057334	0.805457672	4.297167518
ENSMUSG0000086490	10.61177777	6.956172438	7.767661525	5.638203705	4.297167518
ENSMUSG0000086491	7.074518513	3.478086219	9.886114669	7.249119049	7.87814045
ENSMUSG0000086493	135.8307554	133.5585108	147.585569	141.7605503	131.0636093
ENSMUSG0000086494	8.489422215	4.173703463	10.59226572	7.249119049	4.297167518

ENSMUSG00000086495	31.12788146	47.99758982	50.84287544	86.18397091	64.45751277
ENSMUSG00000086496	3.537259256	0	0.706151048	2.416373016	5.013362104
ENSMUSG00000086497	9.196874066	2.782468975	4.236906287	4.02728836	2.148583759
ENSMUSG00000086498	7.781970364	9.738641413	7.061510478	4.02728836	7.161945863
ENSMUSG00000086499	14.14903703	6.956172438	7.767661525	6.443661377	7.161945863
ENSMUSG00000086500	8.489422215	4.869320706	9.179963621	3.221830688	5.729556691
ENSMUSG00000086501	10.61177777	4.869320706	9.886114669	8.860034393	7.161945863
ENSMUSG00000086502	43.15456293	84.1696865	62.1412922	127.2623122	100.2672421
ENSMUSG00000086503	2.829807405	6.260555194	1.412302096	3.221830688	1.432389173
ENSMUSG00000086504	8.489422215	16.69481385	16.94762515	8.054576721	9.310529622
ENSMUSG00000086505	10.61177777	9.738641413	8.473812573	8.054576721	5.013362104
ENSMUSG00000086506	45.27691848	68.17048989	69.20280268	46.71654498	48.70123187
ENSMUSG00000086507	9.196874066	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000086508	4.244711108	2.782468975	2.824604191	3.221830688	2.864778345
ENSMUSG00000086509	7.074518513	5.56493795	5.649208382	3.221830688	6.445751277
ENSMUSG00000086512	7.781970364	8.347406925	9.886114669	9.665492065	7.161945863
ENSMUSG00000086513	12.73413332	5.56493795	7.061510478	8.860034393	7.161945863
ENSMUSG00000086514	7.781970364	5.56493795	3.530755239	9.665492065	5.013362104
ENSMUSG00000086515	6.367066661	7.651789682	9.886114669	8.054576721	5.013362104
ENSMUSG00000086517	8.489422215	6.260555194	0.706151048	4.832746033	8.594335036
ENSMUSG00000086518	11.31922962	3.478086219	9.886114669	6.443661377	4.297167518
ENSMUSG00000086519	9.196874066	6.260555194	10.59226572	8.054576721	9.310529622
ENSMUSG00000086521	11.31922962	6.260555194	9.886114669	5.638203705	7.161945863
ENSMUSG00000086522	6.367066661	8.347406925	9.886114669	1.610915344	3.580972932
ENSMUSG00000086523	7.781970364	6.956172438	5.649208382	4.832746033	8.594335036
ENSMUSG00000086524	2.829807405	2.782468975	4.236906287	3.221830688	2.148583759
ENSMUSG00000086525	8.489422215	4.869320706	3.530755239	1.610915344	6.445751277
ENSMUSG00000086526	9.196874066	9.738641413	9.886114669	15.30369577	8.594335036
ENSMUSG00000086527	7.074518513	7.651789682	8.473812573	4.02728836	12.89150255
ENSMUSG00000086528	8.489422215	6.956172438	4.236906287	4.832746033	10.02672421
ENSMUSG00000086529	12.73413332	7.651789682	7.767661525	4.02728836	3.580972932
ENSMUSG00000086530	8.489422215	8.347406925	8.473812573	6.443661377	8.594335036
ENSMUSG00000086531	9.196874066	9.738641413	8.473812573	9.665492065	6.445751277
ENSMUSG00000086533	49.52162959	63.30116918	65.67204744	73.29664816	65.88990194
ENSMUSG00000086534	6.367066661	3.478086219	6.35535943	7.249119049	5.729556691
ENSMUSG00000086536	9.196874066	9.738641413	6.35535943	5.638203705	6.445751277
ENSMUSG00000086537	19.10119998	22.95536904	16.2414741	42.68925662	37.24211849
ENSMUSG00000086539	31.83533331	75.12666233	62.1412922	108.7367857	89.52432329
ENSMUSG00000086540	2.829807405	5.56493795	2.118453143	3.221830688	1.432389173
ENSMUSG00000086541	9.196874066	4.869320706	9.886114669	5.638203705	4.297167518
ENSMUSG00000086542	5.65961481	12.52111039	12.71071886	7.249119049	12.17530797
ENSMUSG00000086544	10.61177777	5.56493795	9.179963621	4.832746033	6.445751277
ENSMUSG00000086545	9.904325918	20.17290007	18.35992724	8.054576721	11.45911338

ENSMUSG00000086546	7.781970364	19.47728283	13.41686991	9.665492065	12.89150255
ENSMUSG00000086547	7.781970364	7.651789682	4.236906287	6.443661377	7.87814045
ENSMUSG00000086548	10.61177777	8.347406925	4.236906287	6.443661377	5.013362104
ENSMUSG00000086549	1.414903703	0.695617244	0.706151048	0	0
ENSMUSG00000086550	7.781970364	4.173703463	3.530755239	4.02728836	7.161945863
ENSMUSG00000086552	3.537259256	6.260555194	7.767661525	7.249119049	10.02672421
ENSMUSG00000086554	12.02668147	6.956172438	5.649208382	10.47094974	9.310529622
ENSMUSG00000086555	6.367066661	4.869320706	3.530755239	4.02728836	7.87814045
ENSMUSG00000086556	0	0	0	0	0
ENSMUSG00000086557	98.33580733	121.7330177	105.9226572	158.6751614	123.9016634
ENSMUSG00000086558	7.781970364	8.347406925	4.943057334	4.832746033	6.445751277
ENSMUSG00000086559	1.414903703	4.173703463	2.118453143	1.610915344	5.729556691
ENSMUSG00000086560	7.781970364	4.869320706	6.35535943	8.054576721	5.013362104
ENSMUSG00000086561	4.244711108	7.651789682	7.061510478	4.832746033	7.161945863
ENSMUSG00000086562	5.65961481	4.869320706	6.35535943	1.610915344	2.148583759
ENSMUSG00000086563	12.73413332	8.347406925	4.943057334	6.443661377	7.161945863
ENSMUSG00000086565	7.074518513	5.56493795	5.649208382	4.832746033	10.02672421
ENSMUSG00000086567	4.952162959	11.1298759	6.35535943	2.416373016	6.445751277
ENSMUSG00000086568	12.02668147	11.82549314	14.829172	20.94189947	15.7562809
ENSMUSG00000086569	9.196874066	9.043024169	7.061510478	6.443661377	7.87814045
ENSMUSG00000086573	11.31922962	11.82549314	4.943057334	1.610915344	5.013362104
ENSMUSG00000086575	35.37259256	53.56252777	48.01827125	66.85298678	73.05184781
ENSMUSG00000086576	12.73413332	8.347406925	9.179963621	5.638203705	10.02672421
ENSMUSG00000086577	5.65961481	3.478086219	7.061510478	4.02728836	2.148583759
ENSMUSG00000086578	9.196874066	10.43425866	6.35535943	7.249119049	7.161945863
ENSMUSG00000086580	4.244711108	7.651789682	7.061510478	4.832746033	2.148583759
ENSMUSG00000086582	34.66514071	62.60555194	61.43514116	64.43661377	55.14698315
ENSMUSG00000086583	13.44158517	11.82549314	8.473812573	20.94189947	12.89150255
ENSMUSG00000086584	12.02668147	3.478086219	9.179963621	3.221830688	7.161945863
ENSMUSG00000086585	9.196874066	6.956172438	9.179963621	9.665492065	5.013362104
ENSMUSG00000086586	13.44158517	28.52030699	26.12758877	24.16373016	17.18867007
ENSMUSG00000086587	7.781970364	6.956172438	6.35535943	3.221830688	5.013362104
ENSMUSG00000086588	7.074518513	6.260555194	5.649208382	4.832746033	4.297167518
ENSMUSG00000086589	18.39374813	47.99758982	41.66291182	30.60739154	36.5259239
ENSMUSG00000086591	9.904325918	2.782468975	7.061510478	4.832746033	7.87814045
ENSMUSG00000086592	9.196874066	4.869320706	8.473812573	4.02728836	5.729556691
ENSMUSG00000086593	11.31922962	9.738641413	9.179963621	9.665492065	8.594335036
ENSMUSG00000086594	7.781970364	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG00000086595	6.367066661	5.56493795	12.00456781	4.832746033	7.87814045
ENSMUSG00000086598	9.196874066	9.043024169	9.886114669	7.249119049	7.161945863
ENSMUSG00000086600	123.0966221	155.8182626	161.7085899	221.5008598	157.562809
ENSMUSG00000086601	7.074518513	8.347406925	10.59226572	9.665492065	8.594335036
ENSMUSG00000086602	4.952162959	2.782468975	5.649208382	1.610915344	7.161945863

ENSMUSG00000086603	104.702874	143.9927695	118.633376	108.7367857	102.4158258
ENSMUSG00000086604	3.537259256	11.82549314	9.179963621	5.638203705	5.013362104
ENSMUSG00000086605	16.97884443	22.2597518	12.71071886	15.30369577	15.7562809
ENSMUSG00000086606	4.244711108	5.56493795	6.35535943	4.832746033	6.445751277
ENSMUSG00000086607	7.781970364	6.956172438	3.530755239	4.02728836	4.297167518
ENSMUSG00000086608	12.02668147	6.956172438	2.824604191	6.443661377	10.7429188
ENSMUSG00000086610	18.39374813	21.56413456	31.0706461	8.860034393	17.90486466
ENSMUSG00000086612	223.554785	260.8564664	229.4990905	410.7834128	284.3292508
ENSMUSG00000086613	8.489422215	5.56493795	5.649208382	5.638203705	10.02672421
ENSMUSG00000086614	7.074518513	6.956172438	8.473812573	7.249119049	5.013362104
ENSMUSG00000086617	14.14903703	11.1298759	11.29841676	2.416373016	7.161945863
ENSMUSG00000086618	4.952162959	6.956172438	2.118453143	4.02728836	11.45911338
ENSMUSG00000086620	9.904325918	2.782468975	7.061510478	7.249119049	8.594335036
ENSMUSG00000086621	6.367066661	4.173703463	9.886114669	4.832746033	6.445751277
ENSMUSG00000086624	11.31922962	6.260555194	4.943057334	4.832746033	9.310529622
ENSMUSG00000086625	10.61177777	33.3896277	24.00913562	16.10915344	20.769643
ENSMUSG00000086628	133.000948	198.9465317	177.950064	263.3846588	197.6697058
ENSMUSG00000086629	12.73413332	18.08604834	19.06607829	33.02376456	25.78300511
ENSMUSG00000086630	11.31922962	9.738641413	3.530755239	7.249119049	8.594335036
ENSMUSG00000086631	7.074518513	9.043024169	4.943057334	7.249119049	4.297167518
ENSMUSG00000086632	16.27139258	6.956172438	9.886114669	8.054576721	8.594335036
ENSMUSG00000086633	12.02668147	8.347406925	5.649208382	8.054576721	8.594335036
ENSMUSG00000086636	10.61177777	8.347406925	7.061510478	9.665492065	8.594335036
ENSMUSG00000086637	5.65961481	4.173703463	10.59226572	2.416373016	12.89150255
ENSMUSG00000086638	9.196874066	33.3896277	36.71985448	20.1364418	17.90486466
ENSMUSG00000086641	3.537259256	2.782468975	4.236906287	7.249119049	2.864778345
ENSMUSG00000086643	15.56394073	9.738641413	12.71071886	28.9964762	23.63442135
ENSMUSG00000086644	11.31922962	10.43425866	8.473812573	4.832746033	10.7429188
ENSMUSG00000086645	8.489422215	16.69481385	22.59683353	23.35827249	19.33725383
ENSMUSG00000086646	7.781970364	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG00000086648	7.781970364	4.173703463	8.473812573	5.638203705	3.580972932
ENSMUSG00000086649	11.31922962	7.651789682	8.473812573	6.443661377	7.87814045
ENSMUSG00000086650	10.61177777	7.651789682	6.35535943	5.638203705	5.729556691
ENSMUSG00000086652	4.244711108	2.086851731	9.179963621	3.221830688	5.729556691
ENSMUSG00000086653	9.904325918	4.173703463	5.649208382	2.416373016	9.310529622
ENSMUSG00000086654	10.61177777	9.738641413	14.829172	12.08186508	9.310529622
ENSMUSG00000086655	10.61177777	6.260555194	8.473812573	6.443661377	6.445751277
ENSMUSG00000086656	14.14903703	7.651789682	7.061510478	13.69278043	11.45911338
ENSMUSG00000086657	62.96321476	111.298759	89.68118307	71.68573282	59.44415067
ENSMUSG00000086658	12.02668147	6.260555194	11.29841676	4.832746033	5.729556691
ENSMUSG00000086659	6.367066661	4.869320706	9.886114669	4.832746033	4.297167518
ENSMUSG00000086660	2.122355554	3.478086219	4.236906287	1.610915344	5.013362104
ENSMUSG00000086662	9.904325918	3.478086219	7.061510478	1.610915344	10.7429188

ENSMUSG00000086665	12.02668147	10.43425866	12.00456781	151.4260424	90.95671247
ENSMUSG00000086666	6.367066661	6.956172438	8.473812573	4.02728836	8.594335036
ENSMUSG00000086667	9.196874066	4.869320706	4.236906287	2.416373016	2.864778345
ENSMUSG00000086668	4.952162959	4.869320706	9.886114669	1.610915344	2.148583759
ENSMUSG00000086669	154.2245036	169.7306075	187.8361787	219.0844868	174.0352845
ENSMUSG00000086670	11.31922962	8.347406925	9.886114669	9.665492065	6.445751277
ENSMUSG00000086671	2.829807405	9.043024169	3.530755239	6.443661377	6.445751277
ENSMUSG00000086674	8.489422215	6.260555194	9.886114669	8.860034393	7.87814045
ENSMUSG00000086675	9.904325918	9.043024169	3.530755239	5.638203705	5.013362104
ENSMUSG00000086676	1.414903703	1.391234488	5.649208382	4.02728836	2.148583759
ENSMUSG00000086677	7.781970364	5.56493795	7.061510478	6.443661377	3.580972932
ENSMUSG00000086679	141.4903703	211.4676421	204.0776528	169.1461111	141.0903335
ENSMUSG00000086680	64.37811846	88.34338996	101.6857509	118.4022778	103.1320204
ENSMUSG00000086681	12.73413332	6.956172438	5.649208382	6.443661377	7.161945863
ENSMUSG00000086682	34.66514071	63.99678643	56.49208382	127.2623122	93.10529622
ENSMUSG00000086683	43.15456293	66.08363816	56.49208382	50.74383334	39.39070225
ENSMUSG00000086684	7.781970364	4.869320706	5.649208382	4.832746033	7.161945863
ENSMUSG00000086685	3.537259256	6.956172438	3.530755239	3.221830688	3.580972932
ENSMUSG00000086686	4.952162959	6.956172438	5.649208382	8.054576721	7.87814045
ENSMUSG00000086687	0.707451851	2.782468975	1.412302096	0.805457672	0
ENSMUSG00000086688	7.781970364	13.21672763	9.886114669	6.443661377	8.594335036
ENSMUSG00000086689	8.489422215	11.1298759	7.767661525	3.221830688	6.445751277
ENSMUSG00000086690	0	0.695617244	2.824604191	0.805457672	2.148583759
ENSMUSG00000086691	4.244711108	3.478086219	7.767661525	6.443661377	7.87814045
ENSMUSG00000086693	89.13893326	123.8198694	122.1641313	167.5351958	126.7664418
ENSMUSG00000086694	6.367066661	8.347406925	7.061510478	7.249119049	7.87814045
ENSMUSG00000086695	4.244711108	2.086851731	25.42143772	0.805457672	2.148583759
ENSMUSG00000086696	6.367066661	8.347406925	13.41686991	7.249119049	2.148583759
ENSMUSG00000086697	11.31922962	6.956172438	7.767661525	12.88732275	7.161945863
ENSMUSG00000086698	7.781970364	6.260555194	8.473812573	4.832746033	10.02672421
ENSMUSG00000086699	11.31922962	15.99919661	15.53532305	7.249119049	7.161945863
ENSMUSG00000086700	94.09109622	153.7314109	106.6288082	231.1663519	184.0620087
ENSMUSG00000086701	16.97884443	6.260555194	4.236906287	6.443661377	7.87814045
ENSMUSG00000086702	7.781970364	6.260555194	9.179963621	4.02728836	7.87814045
ENSMUSG00000086703	7.781970364	9.738641413	3.530755239	4.832746033	5.013362104
ENSMUSG00000086704	7.781970364	9.043024169	6.35535943	3.221830688	5.729556691
ENSMUSG00000086706	12.02668147	15.99919661	18.35992724	8.860034393	8.594335036
ENSMUSG00000086707	2.122355554	7.651789682	9.886114669	5.638203705	11.45911338
ENSMUSG00000086708	12.73413332	9.043024169	2.824604191	8.054576721	6.445751277
ENSMUSG00000086709	3.537259256	7.651789682	4.943057334	5.638203705	6.445751277
ENSMUSG00000086710	5.65961481	6.260555194	5.649208382	4.832746033	10.7429188
ENSMUSG00000086711	0	0	0	0	0.716194586
ENSMUSG00000086712	8.489422215	7.651789682	9.179963621	8.860034393	3.580972932



ENSMUSG00000086713	9.904325918	9.043024169	7.061510478	5.638203705	5.729556691
ENSMUSG00000086714	35.37259256	54.25814501	43.07521391	99.87675134	68.75468029
ENSMUSG00000086715	11.31922962	9.738641413	7.767661525	6.443661377	7.87814045
ENSMUSG00000086716	11.31922962	17.39043109	16.2414741	11.27640741	12.89150255
ENSMUSG00000086717	4.952162959	8.347406925	11.29841676	6.443661377	9.310529622
ENSMUSG00000086718	7.074518513	18.08604834	14.12302096	14.4982381	15.7562809
ENSMUSG00000086719	19.80865184	27.12907251	21.89068248	42.68925662	37.24211849
ENSMUSG00000086720	12.02668147	2.782468975	3.530755239	6.443661377	4.297167518
ENSMUSG00000086721	9.196874066	6.260555194	7.767661525	3.221830688	4.297167518
ENSMUSG00000086722	8.489422215	4.173703463	7.767661525	5.638203705	5.729556691
ENSMUSG00000086724	10.61177777	4.869320706	5.649208382	4.02728836	5.729556691
ENSMUSG00000086725	131.5860443	161.3832006	149.7040221	242.4427593	196.9535112
ENSMUSG00000086726	10.61177777	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000086728	19.80865184	29.21592424	32.4829482	37.05105292	37.24211849
ENSMUSG00000086729	5.65961481	3.478086219	4.943057334	5.638203705	7.87814045
ENSMUSG00000086730	4.952162959	2.086851731	2.824604191	4.832746033	4.297167518
ENSMUSG00000086731	5.65961481	4.869320706	7.061510478	4.832746033	2.148583759
ENSMUSG00000086732	5.65961481	8.347406925	5.649208382	4.02728836	3.580972932
ENSMUSG00000086733	6.367066661	7.651789682	10.59226572	6.443661377	7.161945863
ENSMUSG00000086735	12.02668147	29.21592424	26.83373982	20.94189947	23.63442135
ENSMUSG00000086736	3.537259256	2.782468975	2.824604191	1.610915344	2.148583759
ENSMUSG00000086737	6.367066661	6.956172438	6.35535943	4.02728836	9.310529622
ENSMUSG00000086738	8.489422215	4.173703463	3.530755239	7.249119049	7.87814045
ENSMUSG00000086739	6.367066661	4.173703463	8.473812573	1.610915344	7.161945863
ENSMUSG00000086740	9.904325918	6.260555194	7.767661525	9.665492065	9.310529622
ENSMUSG00000086741	7.074518513	4.173703463	6.35535943	4.02728836	7.161945863
ENSMUSG00000086742	12.73413332	19.47728283	16.94762515	12.08186508	10.02672421
ENSMUSG00000086743	9.904325918	11.1298759	9.886114669	8.054576721	11.45911338
ENSMUSG00000086744	7.074518513	6.260555194	4.236906287	7.249119049	11.45911338
ENSMUSG00000086745	23.34591109	38.95456565	40.95676077	28.19101852	19.33725383
ENSMUSG00000086746	6.367066661	2.782468975	4.943057334	3.221830688	9.310529622
ENSMUSG00000086748	4.952162959	4.869320706	7.767661525	4.02728836	3.580972932
ENSMUSG00000086749	1.414903703	0.695617244	0	2.416373016	1.432389173
ENSMUSG00000086750	9.904325918	4.173703463	9.886114669	11.27640741	6.445751277
ENSMUSG00000086752	7.074518513	9.738641413	10.59226572	4.02728836	5.729556691
ENSMUSG00000086753	1.414903703	3.478086219	2.824604191	0	3.580972932
ENSMUSG00000086754	23.34591109	45.21512085	43.07521391	117.5968201	85.94335036
ENSMUSG00000086755	5.65961481	9.738641413	9.886114669	7.249119049	2.864778345
ENSMUSG00000086756	36.08004441	56.34499675	57.19823487	60.40932541	67.32229112
ENSMUSG00000086757	7.074518513	1.391234488	4.236906287	7.249119049	4.297167518
ENSMUSG00000086758	7.781970364	9.043024169	7.061510478	5.638203705	7.87814045
ENSMUSG00000086760	9.904325918	6.956172438	7.061510478	1.610915344	5.729556691
ENSMUSG00000086761	10.61177777	9.043024169	8.473812573	2.416373016	4.297167518

ENSMUSG00000086762	5.65961481	6.260555194	6.35535943	5.638203705	5.729556691
ENSMUSG00000086763	9.904325918	9.738641413	7.767661525	7.249119049	2.864778345
ENSMUSG00000086764	9.196874066	3.478086219	5.649208382	8.054576721	5.013362104
ENSMUSG00000086765	14.85648888	8.347406925	8.473812573	4.02728836	10.7429188
ENSMUSG00000086766	48.81417774	89.73462445	79.7950684	40.2728836	40.82309142
ENSMUSG00000086767	8.489422215	11.1298759	8.473812573	16.10915344	12.17530797
ENSMUSG00000086769	9.196874066	6.260555194	4.943057334	4.832746033	7.87814045
ENSMUSG00000086770	5.65961481	4.869320706	7.767661525	1.610915344	11.45911338
ENSMUSG00000086771	14.14903703	4.173703463	4.236906287	4.832746033	8.594335036
ENSMUSG00000086772	4.952162959	5.56493795	3.530755239	4.02728836	6.445751277
ENSMUSG00000086773	12.73413332	1.391234488	9.886114669	5.638203705	7.87814045
ENSMUSG00000086774	4.952162959	6.956172438	7.061510478	4.02728836	5.013362104
ENSMUSG00000086775	26.1757185	34.78086219	25.42143772	126.4568545	109.5777717
ENSMUSG00000086777	8.489422215	4.173703463	6.35535943	8.054576721	7.87814045
ENSMUSG00000086779	14.14903703	26.43345526	23.30298458	41.88379895	24.35061594
ENSMUSG00000086781	7.781970364	4.869320706	3.530755239	5.638203705	7.87814045
ENSMUSG00000086782	23.34591109	35.47647943	43.07521391	30.60739154	32.22875639
ENSMUSG00000086783	7.781970364	9.043024169	9.179963621	3.221830688	7.161945863
ENSMUSG00000086785	12.02668147	7.651789682	7.061510478	4.832746033	5.013362104
ENSMUSG00000086786	103.9954221	110.6031418	100.2734488	49.93837567	50.13362104
ENSMUSG00000086788	10.61177777	2.086851731	7.767661525	8.860034393	5.013362104
ENSMUSG00000086789	12.02668147	15.30357936	7.767661525	9.665492065	6.445751277
ENSMUSG00000086790	9.196874066	11.82549314	4.943057334	5.638203705	7.87814045
ENSMUSG00000086791	12.02668147	4.869320706	7.767661525	7.249119049	5.013362104
ENSMUSG00000086792	10.61177777	13.91234488	9.179963621	10.47094974	11.45911338
ENSMUSG00000086793	12.02668147	6.260555194	8.473812573	4.02728836	8.594335036
ENSMUSG00000086794	10.61177777	6.260555194	2.824604191	8.054576721	10.7429188
ENSMUSG00000086795	10.61177777	9.043024169	10.59226572	12.08186508	7.161945863
ENSMUSG00000086796	12.02668147	4.173703463	3.530755239	7.249119049	7.161945863
ENSMUSG00000086798	14.85648888	11.82549314	8.473812573	5.638203705	7.87814045
ENSMUSG00000086799	18.39374813	26.43345526	22.59683353	43.49471429	33.66114556
ENSMUSG00000086800	3.537259256	6.956172438	7.767661525	7.249119049	7.161945863
ENSMUSG00000086801	21.22355554	41.73703463	48.01827125	12.88732275	20.769643
ENSMUSG00000086804	7.074518513	7.651789682	7.767661525	8.860034393	5.729556691
ENSMUSG00000086805	10.61177777	4.173703463	4.943057334	4.832746033	4.297167518
ENSMUSG00000086806	9.196874066	5.56493795	4.943057334	11.27640741	4.297167518
ENSMUSG00000086807	5.65961481	6.260555194	4.236906287	1.610915344	2.148583759
ENSMUSG00000086808	2.122355554	0.695617244	1.412302096	0	1.432389173
ENSMUSG00000086810	9.904325918	5.56493795	8.473812573	3.221830688	5.013362104
ENSMUSG00000086812	6.367066661	4.173703463	5.649208382	4.832746033	2.864778345
ENSMUSG00000086813	12.02668147	11.82549314	7.767661525	7.249119049	7.87814045
ENSMUSG00000086814	5.65961481	7.651789682	7.767661525	4.02728836	5.729556691
ENSMUSG00000086815	4.244711108	6.260555194	7.767661525	8.054576721	6.445751277

ENSMUSG00000086816	7.074518513	6.956172438	5.649208382	6.443661377	7.161945863
ENSMUSG00000086817	8.489422215	6.956172438	4.943057334	4.832746033	4.297167518
ENSMUSG00000086818	5.65961481	3.478086219	7.061510478	1.610915344	7.161945863
ENSMUSG00000086819	9.196874066	5.56493795	9.179963621	3.221830688	5.013362104
ENSMUSG00000086820	142.1978221	171.121842	166.6516473	200.5589604	184.7782033
ENSMUSG00000086821	7.074518513	4.869320706	4.943057334	9.665492065	7.87814045
ENSMUSG00000086822	2.122355554	2.782468975	4.236906287	3.221830688	2.864778345
ENSMUSG00000086823	11.31922962	8.347406925	8.473812573	6.443661377	6.445751277
ENSMUSG00000086824	12.02668147	8.347406925	9.886114669	4.02728836	8.594335036
ENSMUSG00000086825	19.10119998	27.82468975	26.12758877	13.69278043	20.05344842
ENSMUSG00000086826	4.952162959	7.651789682	6.35535943	8.054576721	6.445751277
ENSMUSG00000086827	2.829807405	6.260555194	9.179963621	4.832746033	5.729556691
ENSMUSG00000086828	43.86201478	56.34499675	54.37363068	105.514955	88.80812871
ENSMUSG00000086830	8.489422215	7.651789682	10.59226572	4.02728836	5.013362104
ENSMUSG00000086831	10.61177777	9.738641413	8.473812573	8.860034393	9.310529622
ENSMUSG00000086833	16.97884443	4.869320706	5.649208382	6.443661377	10.7429188
ENSMUSG00000086834	9.904325918	8.347406925	4.943057334	10.47094974	8.594335036
ENSMUSG00000086835	3.537259256	3.478086219	0.706151048	0	5.729556691
ENSMUSG00000086836	11.31922962	22.95536904	28.95219296	16.10915344	29.36397804
ENSMUSG00000086837	40.32475552	54.25814501	55.78593277	62.02024075	55.86317773
ENSMUSG00000086838	9.904325918	11.82549314	7.767661525	5.638203705	7.161945863
ENSMUSG00000086839	79.94205919	123.8198694	120.7518292	324.5994419	247.0871323
ENSMUSG00000086840	14.85648888	4.869320706	8.473812573	3.221830688	7.161945863
ENSMUSG00000086841	0.707451851	2.086851731	0.706151048	0.805457672	2.864778345
ENSMUSG00000086842	7.781970364	8.347406925	7.061510478	2.416373016	5.729556691
ENSMUSG00000086843	7.074518513	8.347406925	4.943057334	4.832746033	10.02672421
ENSMUSG00000086844	8.489422215	7.651789682	10.59226572	6.443661377	7.161945863
ENSMUSG00000086845	9.196874066	7.651789682	11.29841676	9.665492065	7.161945863
ENSMUSG00000086846	16.97884443	21.56413456	31.0706461	12.88732275	26.49919969
ENSMUSG00000086847	7.074518513	2.782468975	2.824604191	7.249119049	9.310529622
ENSMUSG00000086849	38.20239997	57.73623123	61.43514116	139.3441773	127.4826364
ENSMUSG00000086850	5.65961481	7.651789682	5.649208382	12.08186508	10.7429188
ENSMUSG00000086851	6.367066661	11.1298759	8.473812573	4.832746033	7.87814045
ENSMUSG00000086852	13.44158517	5.56493795	6.35535943	2.416373016	5.013362104
ENSMUSG00000086853	8.489422215	9.043024169	8.473812573	9.665492065	7.161945863
ENSMUSG00000086854	8.489422215	6.260555194	4.943057334	5.638203705	7.161945863
ENSMUSG00000086855	16.97884443	6.956172438	9.886114669	4.02728836	8.594335036
ENSMUSG00000086856	13.44158517	4.173703463	7.767661525	5.638203705	7.87814045
ENSMUSG00000086858	12.02668147	6.260555194	6.35535943	4.832746033	5.729556691
ENSMUSG00000086859	1.414903703	1.391234488	0	2.416373016	2.148583759
ENSMUSG00000086860	3.537259256	4.173703463	2.824604191	4.02728836	2.148583759
ENSMUSG00000086861	14.85648888	9.738641413	6.35535943	10.47094974	7.87814045
ENSMUSG00000086862	21.22355554	18.08604834	9.886114669	13.69278043	9.310529622

ENSMUSG00000086863	7.781970364	11.1298759	12.00456781	8.860034393	11.45911338
ENSMUSG00000086864	12.02668147	4.869320706	4.943057334	7.249119049	5.013362104
ENSMUSG00000086866	8.489422215	9.043024169	8.473812573	4.832746033	7.87814045
ENSMUSG00000086867	7.781970364	6.260555194	7.061510478	4.832746033	7.161945863
ENSMUSG00000086868	6.367066661	9.043024169	7.061510478	5.638203705	11.45911338
ENSMUSG00000086869	0.707451851	0.695617244	0.706151048	0	0.716194586
ENSMUSG00000086870	7.781970364	7.651789682	10.59226572	4.02728836	9.310529622
ENSMUSG00000086872	6.367066661	9.738641413	5.649208382	9.665492065	8.594335036
ENSMUSG00000086873	5.65961481	7.651789682	6.35535943	4.832746033	3.580972932
ENSMUSG00000086874	9.904325918	4.173703463	6.35535943	4.832746033	4.297167518
ENSMUSG00000086875	11.31922962	5.56493795	9.886114669	5.638203705	7.161945863
ENSMUSG00000086876	11.31922962	9.043024169	9.179963621	5.638203705	5.013362104
ENSMUSG00000086877	8.489422215	13.91234488	11.29841676	33.82922223	32.94495097
ENSMUSG00000086879	8.489422215	5.56493795	4.236906287	7.249119049	7.87814045
ENSMUSG00000086881	25.46826665	43.12826911	36.01370344	37.85651059	41.53928601
ENSMUSG00000086882	6.367066661	8.347406925	7.767661525	10.47094974	11.45911338
ENSMUSG00000086883	9.196874066	7.651789682	10.59226572	4.02728836	10.7429188
ENSMUSG00000086884	7.781970364	5.56493795	7.061510478	12.88732275	9.310529622
ENSMUSG00000086885	12.73413332	5.56493795	9.179963621	3.221830688	7.161945863
ENSMUSG00000086886	8.489422215	16.69481385	15.53532305	8.054576721	10.02672421
ENSMUSG00000086887	11.31922962	5.56493795	9.179963621	4.02728836	5.729556691
ENSMUSG00000086889	118.1444592	131.4716591	137.6994543	133.7059736	118.1721067
ENSMUSG00000086890	7.781970364	7.651789682	5.649208382	12.08186508	10.7429188
ENSMUSG00000086891	8.489422215	8.347406925	6.35535943	12.08186508	7.161945863
ENSMUSG00000086892	7.074518513	9.738641413	8.473812573	4.832746033	7.87814045
ENSMUSG00000086893	89.84638511	120.3417832	111.5718655	136.9278043	127.4826364
ENSMUSG00000086894	7.074518513	14.60796212	10.59226572	9.665492065	14.32389173
ENSMUSG00000086896	11.31922962	3.478086219	4.943057334	1.610915344	10.02672421
ENSMUSG00000086898	16.27139258	25.04222078	19.77222934	8.860034393	20.05344842
ENSMUSG00000086899	12.02668147	1.391234488	5.649208382	12.08186508	5.013362104
ENSMUSG00000086900	8.489422215	6.260555194	12.00456781	4.02728836	7.161945863
ENSMUSG00000086902	8.489422215	6.956172438	4.943057334	4.832746033	7.87814045
ENSMUSG00000086903	3.537259256	5.56493795	4.943057334	7.249119049	2.864778345
ENSMUSG00000086904	6.367066661	5.56493795	9.179963621	3.221830688	4.297167518
ENSMUSG00000086905	10.61177777	5.56493795	10.59226572	0.805457672	3.580972932
ENSMUSG00000086906	4.244711108	4.173703463	5.649208382	0.805457672	2.148583759
ENSMUSG00000086907	11.31922962	9.738641413	7.767661525	5.638203705	6.445751277
ENSMUSG00000086908	11.31922962	9.738641413	11.29841676	5.638203705	9.310529622
ENSMUSG00000086909	5.65961481	2.782468975	2.824604191	0.805457672	5.013362104
ENSMUSG00000086910	6.367066661	9.043024169	7.767661525	9.665492065	5.729556691
ENSMUSG00000086911	8.489422215	5.56493795	5.649208382	5.638203705	2.864778345
ENSMUSG00000086912	9.904325918	7.651789682	3.530755239	4.02728836	8.594335036
ENSMUSG00000086913	8.489422215	6.260555194	10.59226572	10.47094974	14.32389173

ENSMUSG00000086914	91.26128881	122.4286349	125.6948865	127.2623122	106.7129934
ENSMUSG00000086915	91.96874066	121.7330177	101.6857509	146.5932963	131.7798039
ENSMUSG00000086916	16.27139258	36.86771392	28.95219296	21.74735715	16.47247549
ENSMUSG00000086917	12.73413332	8.347406925	9.179963621	17.72006879	13.60769714
ENSMUSG00000086918	60.84085921	98.77764862	81.91352154	124.0404815	93.82149081
ENSMUSG00000086919	5.65961481	4.869320706	6.35535943	4.02728836	7.87814045
ENSMUSG00000086920	103.9954221	116.1680797	100.9795998	144.1769233	123.9016634
ENSMUSG00000086921	7.074518513	6.260555194	4.236906287	5.638203705	4.297167518
ENSMUSG00000086922	51.64398514	74.43104508	71.32125582	39.46742593	42.97167518
ENSMUSG00000086923	5.65961481	6.260555194	8.473812573	4.02728836	12.17530797
ENSMUSG00000086924	6.367066661	9.043024169	5.649208382	11.27640741	9.310529622
ENSMUSG00000086925	16.27139258	13.21672763	8.473812573	8.860034393	10.7429188
ENSMUSG00000086926	7.074518513	7.651789682	3.530755239	8.054576721	5.013362104
ENSMUSG00000086927	9.196874066	5.56493795	7.061510478	1.610915344	5.729556691
ENSMUSG00000086928	10.61177777	7.651789682	7.061510478	4.832746033	6.445751277
ENSMUSG00000086929	16.97884443	22.95536904	13.41686991	33.82922223	18.62105924
ENSMUSG00000086930	2.829807405	2.086851731	8.473812573	5.638203705	10.02672421
ENSMUSG00000086931	9.196874066	4.173703463	9.179963621	4.02728836	6.445751277
ENSMUSG00000086932	0.707451851	2.086851731	2.118453143	2.416373016	1.432389173
ENSMUSG00000086933	77.11225179	98.77764862	130.6379438	33.82922223	60.16034525
ENSMUSG00000086935	4.244711108	8.347406925	12.71071886	8.860034393	10.7429188
ENSMUSG00000086936	6.367066661	5.56493795	5.649208382	5.638203705	4.297167518
ENSMUSG00000086937	3.537259256	2.782468975	2.118453143	4.832746033	1.432389173
ENSMUSG00000086939	9.904325918	2.782468975	8.473812573	5.638203705	12.17530797
ENSMUSG00000086940	9.904325918	8.347406925	6.35535943	8.860034393	11.45911338
ENSMUSG00000086941	7.074518513	0.695617244	9.179963621	4.02728836	5.729556691
ENSMUSG00000086942	62.25576291	63.30116918	56.49208382	142.566008	84.51096119
ENSMUSG00000086943	9.196874066	6.260555194	13.41686991	9.665492065	8.594335036
ENSMUSG00000086944	203.7461332	254.5959112	214.6699185	173.1733995	156.1304198
ENSMUSG00000086945	5.65961481	6.260555194	4.236906287	7.249119049	5.013362104
ENSMUSG00000086946	10.61177777	9.043024169	11.29841676	10.47094974	6.445751277
ENSMUSG00000086947	12.02668147	3.478086219	5.649208382	3.221830688	5.013362104
ENSMUSG00000086948	2.829807405	6.260555194	6.35535943	0.805457672	3.580972932
ENSMUSG00000086949	7.781970364	7.651789682	7.061510478	8.054576721	6.445751277
ENSMUSG00000086951	7.074518513	3.478086219	7.767661525	4.832746033	9.310529622
ENSMUSG00000086952	9.196874066	9.043024169	5.649208382	8.054576721	7.161945863
ENSMUSG00000086953	56.5961481	76.51789682	75.55816211	65.24207144	58.72795608
ENSMUSG00000086954	8.489422215	6.260555194	7.767661525	7.249119049	10.02672421
ENSMUSG00000086955	6.367066661	4.173703463	3.530755239	5.638203705	9.310529622
ENSMUSG00000086957	2.829807405	3.478086219	4.943057334	7.249119049	8.594335036
ENSMUSG00000086959	2.122355554	3.478086219	4.236906287	1.610915344	4.297167518
ENSMUSG00000086960	5.65961481	5.56493795	8.473812573	8.860034393	7.161945863
ENSMUSG00000086961	1.414903703	2.086851731	1.412302096	4.832746033	2.148583759

ENSMUSG00000086962	9.196874066	9.738641413	4.943057334	8.860034393	9.310529622
ENSMUSG00000086963	10.61177777	11.82549314	14.12302096	4.832746033	7.87814045
ENSMUSG00000086964	5.65961481	5.56493795	4.943057334	5.638203705	5.013362104
ENSMUSG00000086967	18.39374813	38.25894841	21.18453143	54.7711217	40.82309142
ENSMUSG00000086968	4.244711108	10.43425866	3.530755239	8.054576721	5.729556691
ENSMUSG00000086969	9.904325918	8.347406925	7.767661525	4.02728836	12.89150255
ENSMUSG00000086970	7.074518513	7.651789682	7.767661525	6.443661377	4.297167518
ENSMUSG00000086971	9.904325918	6.956172438	4.943057334	4.832746033	8.594335036
ENSMUSG00000086974	4.952162959	6.260555194	2.118453143	3.221830688	5.729556691
ENSMUSG00000086975	11.31922962	7.651789682	7.061510478	8.054576721	7.87814045
ENSMUSG00000086976	5.65961481	9.738641413	7.061510478	6.443661377	8.594335036
ENSMUSG00000086978	8.489422215	4.869320706	5.649208382	4.832746033	4.297167518
ENSMUSG00000086980	6.367066661	3.478086219	7.061510478	7.249119049	8.594335036
ENSMUSG00000086981	9.904325918	4.869320706	7.061510478	8.054576721	5.729556691
ENSMUSG00000086984	7.781970364	7.651789682	7.061510478	8.054576721	10.7429188
ENSMUSG00000086986	8.489422215	13.91234488	21.89068248	5.638203705	7.161945863
ENSMUSG00000086987	7.781970364	6.260555194	4.943057334	2.416373016	5.013362104
ENSMUSG00000086989	7.074518513	2.782468975	7.061510478	0.805457672	7.87814045
ENSMUSG00000086991	101.8730666	120.3417832	124.9887355	115.1804471	103.1320204
ENSMUSG00000086992	9.196874066	2.086851731	9.179963621	3.221830688	7.87814045
ENSMUSG00000086993	72.86754068	96.69079689	84.03197468	136.9278043	121.0368851
ENSMUSG00000086994	48.10672589	45.21512085	52.96132858	56.38203705	49.41742646
ENSMUSG00000086995	5.65961481	6.260555194	7.061510478	8.054576721	7.161945863
ENSMUSG00000086996	9.904325918	4.173703463	9.886114669	4.02728836	0.716194586
ENSMUSG00000086997	3.537259256	6.956172438	6.35535943	12.88732275	12.89150255
ENSMUSG00000086998	3.537259256	2.782468975	2.824604191	0.805457672	3.580972932
ENSMUSG00000086999	5.65961481	6.260555194	9.886114669	8.054576721	5.013362104
ENSMUSG00000087001	4.952162959	6.956172438	4.236906287	4.02728836	6.445751277
ENSMUSG00000087002	7.074518513	8.347406925	4.943057334	4.02728836	6.445751277
ENSMUSG00000087003	8.489422215	6.260555194	7.061510478	8.054576721	7.161945863
ENSMUSG00000087004	10.61177777	6.260555194	9.179963621	9.665492065	6.445751277
ENSMUSG00000087007	4.952162959	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG00000087008	7.074518513	6.260555194	6.35535943	7.249119049	7.87814045
ENSMUSG00000087009	8.489422215	3.478086219	7.061510478	8.054576721	7.87814045
ENSMUSG00000087010	11.31922962	11.82549314	5.649208382	4.02728836	6.445751277
ENSMUSG00000087011	7.781970364	2.782468975	4.943057334	6.443661377	4.297167518
ENSMUSG00000087012	10.61177777	7.651789682	6.35535943	8.860034393	5.729556691
ENSMUSG00000087013	6.367066661	3.478086219	7.061510478	9.665492065	6.445751277
ENSMUSG00000087014	11.31922962	7.651789682	9.179963621	7.249119049	11.45911338
ENSMUSG00000087015	7.781970364	2.782468975	8.473812573	6.443661377	11.45911338
ENSMUSG00000087016	7.781970364	15.30357936	8.473812573	8.054576721	5.729556691
ENSMUSG00000087017	26.1757185	47.30197258	38.13215658	62.02024075	42.97167518
ENSMUSG00000087018	7.074518513	6.956172438	10.59226572	7.249119049	9.310529622

ENSMUSG00000087020	16.97884443	31.30277597	23.30298458	36.24559524	36.5259239
ENSMUSG00000087021	4.244711108	4.869320706	2.118453143	0.805457672	5.013362104
ENSMUSG00000087022	7.074518513	5.56493795	5.649208382	3.221830688	5.729556691
ENSMUSG00000087024	5.65961481	4.173703463	2.118453143	1.610915344	1.432389173
ENSMUSG00000087026	12.73413332	13.91234488	13.41686991	8.054576721	13.60769714
ENSMUSG00000087027	8.489422215	4.173703463	6.35535943	3.221830688	5.729556691
ENSMUSG00000087028	8.489422215	1.391234488	4.943057334	5.638203705	7.161945863
ENSMUSG00000087029	5.65961481	3.478086219	7.767661525	11.27640741	7.87814045
ENSMUSG00000087030	9.196874066	7.651789682	7.061510478	6.443661377	7.87814045
ENSMUSG00000087031	6.367066661	17.39043109	14.12302096	2.416373016	10.02672421
ENSMUSG00000087032	9.196874066	11.1298759	9.179963621	4.02728836	7.87814045
ENSMUSG00000087033	4.952162959	5.56493795	18.35992724	5.638203705	8.594335036
ENSMUSG00000087034	12.02668147	8.347406925	7.767661525	6.443661377	6.445751277
ENSMUSG00000087035	6.367066661	5.56493795	7.061510478	3.221830688	7.87814045
ENSMUSG00000087036	17.68629628	16.69481385	16.94762515	12.08186508	17.18867007
ENSMUSG00000087037	11.31922962	3.478086219	5.649208382	5.638203705	9.310529622
ENSMUSG00000087038	9.196874066	9.043024169	12.00456781	4.832746033	10.7429188
ENSMUSG00000087039	12.02668147	6.956172438	7.767661525	7.249119049	5.729556691
ENSMUSG00000087040	7.074518513	9.043024169	9.179963621	6.443661377	2.148583759
ENSMUSG00000087041	0	2.782468975	1.412302096	3.221830688	1.432389173
ENSMUSG00000087042	6.367066661	7.651789682	4.943057334	8.054576721	10.02672421
ENSMUSG00000087043	9.196874066	6.956172438	7.061510478	3.221830688	6.445751277
ENSMUSG00000087044	7.781970364	5.56493795	9.886114669	6.443661377	4.297167518
ENSMUSG00000087045	3.537259256	2.782468975	5.649208382	6.443661377	10.02672421
ENSMUSG00000087047	10.61177777	8.347406925	8.473812573	12.08186508	8.594335036
ENSMUSG00000087049	240.5336294	249.7265905	283.8727212	129.6786852	100.9834367
ENSMUSG00000087050	8.489422215	14.60796212	12.71071886	17.72006879	7.87814045
ENSMUSG00000087051	7.781970364	13.21672763	8.473812573	7.249119049	7.161945863
ENSMUSG00000087052	7.074518513	8.347406925	7.767661525	5.638203705	10.02672421
ENSMUSG00000087053	4.244711108	3.478086219	5.649208382	4.832746033	4.297167518
ENSMUSG00000087054	7.074518513	4.173703463	3.530755239	4.02728836	5.013362104
ENSMUSG00000087055	11.31922962	12.52111039	9.886114669	7.249119049	8.594335036
ENSMUSG00000087056	14.14903703	11.82549314	4.943057334	6.443661377	5.013362104
ENSMUSG00000087057	7.074518513	4.869320706	7.767661525	6.443661377	7.87814045
ENSMUSG00000087058	9.196874066	11.82549314	7.767661525	12.88732275	6.445751277
ENSMUSG00000087059	8.489422215	3.478086219	4.943057334	8.054576721	10.7429188
ENSMUSG00000087060	21.22355554	27.82468975	19.77222934	28.19101852	26.49919969
ENSMUSG00000087061	7.074518513	7.651789682	9.886114669	5.638203705	5.729556691
ENSMUSG00000087062	4.952162959	3.478086219	0.706151048	2.416373016	4.297167518
ENSMUSG00000087063	9.196874066	11.82549314	8.473812573	9.665492065	7.161945863
ENSMUSG00000087064	42.44711108	68.17048989	54.37363068	28.9964762	44.40406435
ENSMUSG00000087066	7.781970364	17.39043109	14.12302096	10.47094974	7.161945863
ENSMUSG00000087067	7.074518513	8.347406925	8.473812573	3.221830688	10.7429188

ENSMUSG0000087069	7.781970364	6.956172438	7.061510478	1.610915344	7.161945863
ENSMUSG0000087070	7.074518513	6.956172438	4.943057334	3.221830688	7.161945863
ENSMUSG0000087071	5.65961481	2.086851731	4.943057334	8.054576721	5.013362104
ENSMUSG0000087072	52.35143699	72.34419335	67.79050059	40.2728836	50.13362104
ENSMUSG0000087074	4.952162959	2.782468975	3.530755239	6.443661377	6.445751277
ENSMUSG0000087076	13.44158517	10.43425866	16.2414741	5.638203705	11.45911338
ENSMUSG0000087077	13.44158517	6.260555194	6.35535943	8.054576721	4.297167518
ENSMUSG0000087079	8.489422215	4.869320706	12.00456781	6.443661377	9.310529622
ENSMUSG0000087080	7.074518513	1.391234488	4.943057334	6.443661377	2.864778345
ENSMUSG0000087082	14.85648888	11.82549314	9.886114669	9.665492065	11.45911338
ENSMUSG0000087083	9.196874066	4.173703463	6.35535943	10.47094974	4.297167518
ENSMUSG0000087084	10.61177777	4.869320706	7.767661525	3.221830688	5.729556691
ENSMUSG0000087085	8.489422215	6.260555194	4.943057334	7.249119049	12.17530797
ENSMUSG0000087086	7.781970364	9.043024169	5.649208382	4.02728836	10.02672421
ENSMUSG0000087088	55.88869625	88.34338996	73.43970897	64.43661377	74.48423698
ENSMUSG0000087089	12.73413332	8.347406925	7.061510478	6.443661377	5.729556691
ENSMUSG0000087090	7.781970364	6.260555194	5.649208382	7.249119049	6.445751277
ENSMUSG0000087093	6.367066661	8.347406925	7.061510478	6.443661377	7.161945863
ENSMUSG0000087094	3.537259256	5.56493795	8.473812573	5.638203705	11.45911338
ENSMUSG0000087095	10.61177777	4.869320706	6.35535943	4.02728836	8.594335036
ENSMUSG0000087097	6.367066661	4.173703463	4.236906287	4.02728836	9.310529622
ENSMUSG0000087098	11.31922962	6.956172438	4.943057334	1.610915344	7.87814045
ENSMUSG0000087099	12.02668147	5.56493795	6.35535943	7.249119049	9.310529622
ENSMUSG0000087100	9.196874066	8.347406925	5.649208382	7.249119049	6.445751277
ENSMUSG0000087102	11.31922962	5.56493795	7.061510478	4.832746033	3.580972932
ENSMUSG0000087103	9.196874066	6.956172438	9.179963621	4.02728836	7.87814045
ENSMUSG0000087104	10.61177777	6.956172438	12.71071886	4.02728836	11.45911338
ENSMUSG0000087106	5.65961481	13.21672763	7.061510478	4.832746033	3.580972932
ENSMUSG0000087107	41.03220737	57.73623123	48.01827125	220.6954022	151.8332523
ENSMUSG0000087108	18.39374813	26.43345526	27.53989086	13.69278043	20.05344842
ENSMUSG0000087109	9.196874066	8.347406925	9.179963621	6.443661377	7.161945863
ENSMUSG0000087110	13.44158517	8.347406925	8.473812573	6.443661377	6.445751277
ENSMUSG0000087111	157.7617628	112.6899935	122.8702823	93.43308996	105.2806042
ENSMUSG0000087112	10.61177777	8.347406925	8.473812573	2.416373016	8.594335036
ENSMUSG0000087113	41.73965922	79.99598303	58.61053696	24.16373016	30.79636721
ENSMUSG0000087114	12.02668147	5.56493795	4.943057334	5.638203705	4.297167518
ENSMUSG0000087115	11.31922962	3.478086219	2.824604191	6.443661377	5.013362104
ENSMUSG0000087116	7.074518513	6.260555194	8.473812573	5.638203705	8.594335036
ENSMUSG0000087117	7.781970364	6.260555194	13.41686991	8.860034393	7.87814045
ENSMUSG0000087119	7.781970364	7.651789682	4.943057334	4.02728836	9.310529622
ENSMUSG0000087120	96.92090362	123.8198694	91.09348516	190.8934683	149.6846685
ENSMUSG0000087121	7.781970364	9.043024169	6.35535943	3.221830688	8.594335036
ENSMUSG0000087122	12.73413332	15.99919661	20.47838039	8.860034393	12.89150255



ENSMUSG00000087123	12.73413332	8.347406925	6.35535943	8.054576721	8.594335036
ENSMUSG00000087124	6.367066661	9.043024169	7.061510478	8.054576721	7.87814045
ENSMUSG00000087125	4.952162959	10.43425866	10.59226572	12.08186508	5.729556691
ENSMUSG00000087127	13.44158517	4.869320706	5.649208382	6.443661377	4.297167518
ENSMUSG00000087128	7.781970364	9.738641413	11.29841676	10.47094974	11.45911338
ENSMUSG00000087129	325.4278516	319.2883149	320.5925757	269.0228625	203.3992625
ENSMUSG00000087131	89.84638511	118.2549314	110.8657145	60.40932541	65.17370736
ENSMUSG00000087132	7.781970364	6.956172438	3.530755239	8.860034393	7.87814045
ENSMUSG00000087133	3.537259256	0.695617244	2.118453143	0	0
ENSMUSG00000087135	5.65961481	13.91234488	5.649208382	5.638203705	9.310529622
ENSMUSG00000087136	9.196874066	6.956172438	1.412302096	5.638203705	7.161945863
ENSMUSG00000087137	6.367066661	4.173703463	5.649208382	5.638203705	4.297167518
ENSMUSG00000087138	24.76081479	41.73703463	42.36906287	176.3952302	137.5093606
ENSMUSG00000087139	7.781970364	2.782468975	7.061510478	7.249119049	9.310529622
ENSMUSG00000087140	10.61177777	7.651789682	9.886114669	7.249119049	5.729556691
ENSMUSG00000087142	9.196874066	10.43425866	6.35535943	7.249119049	7.87814045
ENSMUSG00000087143	12.73413332	4.173703463	5.649208382	4.02728836	3.580972932
ENSMUSG00000087144	9.904325918	6.956172438	4.943057334	5.638203705	4.297167518
ENSMUSG00000087145	5.65961481	10.43425866	11.29841676	6.443661377	6.445751277
ENSMUSG00000087146	4.952162959	5.56493795	6.35535943	0.805457672	5.729556691
ENSMUSG00000087147	9.196874066	7.651789682	7.767661525	5.638203705	9.310529622
ENSMUSG00000087148	12.73413332	6.260555194	9.886114669	8.054576721	5.013362104
ENSMUSG00000087149	2.122355554	1.391234488	5.649208382	2.416373016	3.580972932
ENSMUSG00000087150	16.97884443	48.69320706	29.65834401	23.35827249	25.06681052
ENSMUSG00000087151	11.31922962	18.78166558	13.41686991	4.832746033	13.60769714
ENSMUSG00000087152	4.952162959	4.173703463	3.530755239	4.02728836	4.297167518
ENSMUSG00000087155	4.244711108	4.869320706	2.824604191	3.221830688	7.87814045
ENSMUSG00000087157	9.196874066	5.56493795	5.649208382	7.249119049	6.445751277
ENSMUSG00000087158	11.31922962	6.260555194	8.473812573	4.02728836	7.161945863
ENSMUSG00000087159	7.074518513	15.99919661	15.53532305	28.9964762	28.64778345
ENSMUSG00000087160	7.781970364	13.21672763	6.35535943	12.08186508	9.310529622
ENSMUSG00000087162	6.367066661	3.478086219	9.179963621	4.02728836	4.297167518
ENSMUSG00000087163	16.97884443	25.04222078	23.30298458	20.1364418	22.91822676
ENSMUSG00000087164	9.904325918	5.56493795	4.236906287	8.860034393	7.161945863
ENSMUSG00000087165	32.54278516	52.86691053	46.60596915	51.54929101	56.57937232
ENSMUSG00000087167	9.904325918	6.956172438	4.943057334	3.221830688	7.87814045
ENSMUSG00000087168	14.85648888	30.60715873	22.59683353	28.9964762	25.78300511
ENSMUSG00000087170	10.61177777	3.478086219	8.473812573	4.832746033	10.02672421
ENSMUSG00000087171	9.904325918	8.347406925	6.35535943	5.638203705	2.864778345
ENSMUSG00000087172	9.196874066	9.043024169	9.179963621	6.443661377	10.02672421
ENSMUSG00000087173	12.02668147	4.869320706	9.886114669	7.249119049	7.87814045
ENSMUSG00000087174	10.61177777	19.47728283	14.829172	52.35474869	38.67450766
ENSMUSG00000087175	79.94205919	113.3856107	87.56272992	117.5968201	85.22715578

ENSMUSG00000087176	19.80865184	26.43345526	20.47838039	16.91461111	15.7562809
ENSMUSG00000087177	24.05336294	37.56333116	33.89525029	72.49119049	60.87653984
ENSMUSG00000087178	57.30359995	72.34419335	68.49665163	131.2896006	116.7397176
ENSMUSG00000087179	19.10119998	27.82468975	21.18453143	29.80193387	27.93158887
ENSMUSG00000087180	10.61177777	7.651789682	13.41686991	4.02728836	6.445751277
ENSMUSG00000087181	182.5225776	255.2915285	185.7177256	113.5695318	105.9967988
ENSMUSG00000087184	5.65961481	7.651789682	7.767661525	5.638203705	10.02672421
ENSMUSG00000087185	5.65961481	5.56493795	6.35535943	4.02728836	7.161945863
ENSMUSG00000087187	4.952162959	4.173703463	4.236906287	8.054576721	2.864778345
ENSMUSG00000087190	67.91537772	91.82147618	83.32582364	139.3441773	103.848215
ENSMUSG00000087192	12.02668147	9.043024169	4.236906287	8.054576721	6.445751277
ENSMUSG00000087193	6.367066661	2.086851731	3.530755239	4.02728836	4.297167518
ENSMUSG00000087195	10.61177777	11.1298759	3.530755239	13.69278043	6.445751277
ENSMUSG00000087196	7.781970364	2.782468975	12.00456781	3.221830688	5.013362104
ENSMUSG00000087197	6.367066661	3.478086219	7.767661525	8.054576721	7.161945863
ENSMUSG00000087198	12.02668147	13.21672763	14.12302096	12.08186508	12.17530797
ENSMUSG00000087199	14.14903703	11.1298759	10.59226572	7.249119049	8.594335036
ENSMUSG00000087200	11.31922962	6.956172438	11.29841676	12.08186508	9.310529622
ENSMUSG00000087201	4.244711108	9.043024169	3.530755239	4.832746033	5.013362104
ENSMUSG00000087202	7.781970364	8.347406925	11.29841676	7.249119049	6.445751277
ENSMUSG00000087203	7.781970364	8.347406925	8.473812573	5.638203705	7.161945863
ENSMUSG00000087204	8.489422215	3.478086219	10.59226572	5.638203705	7.87814045
ENSMUSG00000087205	28.29807405	45.21512085	56.49208382	85.37851324	72.33565322
ENSMUSG00000087206	35.37259256	48.69320706	38.13215658	22.55281482	23.63442135
ENSMUSG00000087207	30.4204296	21.56413456	24.71528667	22.55281482	20.769643
ENSMUSG00000087208	5.65961481	2.086851731	4.943057334	1.610915344	5.013362104
ENSMUSG00000087210	5.65961481	4.173703463	7.061510478	5.638203705	7.161945863
ENSMUSG00000087211	4.952162959	2.782468975	7.061510478	14.4982381	7.161945863
ENSMUSG00000087213	6.367066661	14.60796212	10.59226572	18.52552646	17.90486466
ENSMUSG00000087214	11.31922962	8.347406925	9.886114669	6.443661377	7.87814045
ENSMUSG00000087215	4.952162959	6.260555194	8.473812573	5.638203705	10.02672421
ENSMUSG00000087216	10.61177777	8.347406925	8.473812573	6.443661377	7.161945863
ENSMUSG00000087217	7.781970364	8.347406925	9.179963621	8.054576721	9.310529622
ENSMUSG00000087219	9.196874066	10.43425866	5.649208382	8.054576721	7.161945863
ENSMUSG00000087220	12.02668147	6.956172438	6.35535943	2.416373016	12.17530797
ENSMUSG00000087221	22.63845924	33.3896277	26.83373982	61.21478308	45.12025894
ENSMUSG00000087222	24.76081479	39.6501829	32.4829482	116.7913625	103.848215
ENSMUSG00000087223	4.244711108	5.56493795	4.236906287	6.443661377	5.729556691
ENSMUSG00000087224	11.31922962	8.347406925	7.767661525	4.832746033	2.864778345
ENSMUSG00000087225	9.196874066	6.956172438	3.530755239	9.665492065	5.729556691
ENSMUSG00000087226	9.196874066	9.043024169	5.649208382	3.221830688	5.013362104
ENSMUSG00000087228	7.781970364	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG00000087231	12.02668147	20.86851731	21.18453143	8.860034393	13.60769714

ENSMUSG00000087232	8.489422215	9.738641413	6.35535943	4.02728836	5.729556691
ENSMUSG00000087233	36.78749627	87.64777272	67.08434954	41.07834128	35.09353473
ENSMUSG00000087234	9.196874066	6.260555194	4.943057334	7.249119049	5.013362104
ENSMUSG00000087235	4.952162959	0.695617244	3.530755239	3.221830688	2.148583759
ENSMUSG00000087238	6.367066661	6.260555194	4.236906287	3.221830688	5.729556691
ENSMUSG00000087239	14.85648888	27.12907251	28.95219296	14.4982381	23.63442135
ENSMUSG00000087240	7.781970364	9.738641413	8.473812573	8.860034393	11.45911338
ENSMUSG00000087241	8.489422215	8.347406925	8.473812573	4.02728836	7.161945863
ENSMUSG00000087242	16.27139258	17.39043109	9.179963621	7.249119049	6.445751277
ENSMUSG00000087244	11.31922962	3.478086219	9.886114669	7.249119049	10.7429188
ENSMUSG00000087245	11.31922962	5.56493795	10.59226572	4.832746033	7.87814045
ENSMUSG00000087246	7.074518513	4.869320706	5.649208382	7.249119049	11.45911338
ENSMUSG00000087247	19.80865184	6.260555194	9.886114669	4.02728836	9.310529622
ENSMUSG00000087248	15.56394073	15.99919661	13.41686991	9.665492065	17.18867007
ENSMUSG00000087249	22.63845924	31.99839321	40.95676077	57.18749472	65.17370736
ENSMUSG00000087250	9.904325918	9.738641413	9.179963621	4.02728836	7.87814045
ENSMUSG00000087252	5.65961481	3.478086219	7.061510478	7.249119049	4.297167518
ENSMUSG00000087253	40.32475552	54.25814501	67.08434954	44.30017197	53.71459398
ENSMUSG00000087254	10.61177777	10.43425866	7.061510478	4.832746033	7.161945863
ENSMUSG00000087255	5.65961481	3.478086219	5.649208382	3.221830688	1.432389173
ENSMUSG00000087256	9.196874066	4.869320706	9.179963621	5.638203705	12.89150255
ENSMUSG00000087258	8.489422215	12.52111039	12.71071886	4.832746033	7.161945863
ENSMUSG00000087259	45.27691848	50.7800588	57.19823487	26.58010318	22.91822676
ENSMUSG00000087261	77.81970364	89.0390072	84.73812573	52.35474869	58.72795608
ENSMUSG00000087262	6.367066661	4.173703463	3.530755239	0.805457672	1.432389173
ENSMUSG00000087263	0.707451851	0.695617244	19.77222934	2.416373016	0.716194586
ENSMUSG00000087264	12.02668147	10.43425866	21.89068248	8.860034393	10.02672421
ENSMUSG00000087265	7.781970364	2.086851731	8.473812573	4.02728836	7.161945863
ENSMUSG00000087266	29.0055259	57.04061399	53.66747963	20.1364418	37.95831308
ENSMUSG00000087267	9.904325918	10.43425866	12.71071886	4.832746033	7.161945863
ENSMUSG00000087268	7.781970364	6.956172438	7.061510478	7.249119049	6.445751277
ENSMUSG00000087269	111.0699406	182.9473351	132.0502459	124.8459392	114.5911338
ENSMUSG00000087270	4.244711108	6.956172438	6.35535943	10.47094974	9.310529622
ENSMUSG00000087272	39.61730367	28.52030699	35.30755239	13.69278043	18.62105924
ENSMUSG00000087273	12.73413332	4.869320706	7.061510478	3.221830688	5.729556691
ENSMUSG00000087276	11.31922962	6.956172438	6.35535943	3.221830688	3.580972932
ENSMUSG00000087277	7.781970364	18.08604834	16.94762515	6.443661377	11.45911338
ENSMUSG00000087278	7.781970364	6.956172438	7.767661525	12.08186508	9.310529622
ENSMUSG00000087281	9.904325918	15.30357936	16.2414741	8.054576721	10.02672421
ENSMUSG00000087282	34.66514071	47.99758982	43.07521391	42.68925662	47.98503729
ENSMUSG00000087283	13.44158517	4.173703463	5.649208382	5.638203705	5.729556691
ENSMUSG00000087286	9.196874066	6.956172438	7.767661525	4.832746033	5.729556691
ENSMUSG00000087288	9.196874066	6.260555194	6.35535943	13.69278043	7.87814045

ENSMUSG00000087289	11.31922962	11.1298759	8.473812573	8.054576721	12.17530797
ENSMUSG00000087290	5.65961481	6.260555194	4.236906287	4.832746033	7.161945863
ENSMUSG00000087291	9.196874066	2.782468975	8.473812573	4.02728836	5.729556691
ENSMUSG00000087292	9.196874066	9.738641413	9.886114669	10.47094974	13.60769714
ENSMUSG00000087293	5.65961481	4.869320706	2.824604191	8.054576721	2.864778345
ENSMUSG00000087294	30.4204296	48.69320706	50.13672439	44.30017197	58.01176149
ENSMUSG00000087295	6.367066661	6.956172438	9.886114669	4.832746033	9.310529622
ENSMUSG00000087296	7.074518513	6.260555194	5.649208382	1.610915344	2.864778345
ENSMUSG00000087297	0	0	0	0	0
ENSMUSG00000087298	12.73413332	16.69481385	9.179963621	9.665492065	11.45911338
ENSMUSG00000087299	10.61177777	16.69481385	13.41686991	12.08186508	16.47247549
ENSMUSG00000087300	9.196874066	9.043024169	9.886114669	9.665492065	10.02672421
ENSMUSG00000087301	9.196874066	6.956172438	11.29841676	2.416373016	8.594335036
ENSMUSG00000087302	4.244711108	9.043024169	6.35535943	9.665492065	5.729556691
ENSMUSG00000087304	9.196874066	5.56493795	10.59226572	2.416373016	11.45911338
ENSMUSG00000087305	152.8095999	192.6859765	170.1824025	202.1698757	144.6713064
ENSMUSG00000087306	11.31922962	6.956172438	4.943057334	7.249119049	6.445751277
ENSMUSG00000087307	11.31922962	10.43425866	9.886114669	9.665492065	7.87814045
ENSMUSG00000087308	18.39374813	20.17290007	12.71071886	12.88732275	16.47247549
ENSMUSG00000087309	10.61177777	9.043024169	3.530755239	4.832746033	6.445751277
ENSMUSG00000087312	164.8362813	221.2062835	216.0822206	242.4427593	184.7782033
ENSMUSG00000087314	7.074518513	6.956172438	4.943057334	6.443661377	12.17530797
ENSMUSG00000087316	11.31922962	5.56493795	8.473812573	3.221830688	5.013362104
ENSMUSG00000087317	9.904325918	9.043024169	4.943057334	4.832746033	5.013362104
ENSMUSG00000087318	10.61177777	6.260555194	9.886114669	12.88732275	5.729556691
ENSMUSG00000087319	10.61177777	2.782468975	4.236906287	5.638203705	7.87814045
ENSMUSG00000087321	8.489422215	2.782468975	7.767661525	4.02728836	6.445751277
ENSMUSG00000087322	9.904325918	9.043024169	7.061510478	9.665492065	7.161945863
ENSMUSG00000087323	9.196874066	4.173703463	9.179963621	6.443661377	7.87814045
ENSMUSG00000087324	7.074518513	5.56493795	4.943057334	2.416373016	1.432389173
ENSMUSG00000087325	8.489422215	1.391234488	4.236906287	3.221830688	4.297167518
ENSMUSG00000087326	9.196874066	9.738641413	7.061510478	8.054576721	8.594335036
ENSMUSG00000087327	2.829807405	4.869320706	6.35535943	7.249119049	2.864778345
ENSMUSG00000087328	9.904325918	5.56493795	4.943057334	8.054576721	5.729556691
ENSMUSG00000087329	12.02668147	5.56493795	8.473812573	1.610915344	4.297167518
ENSMUSG00000087330	7.074518513	6.260555194	7.767661525	8.860034393	10.02672421
ENSMUSG00000087331	58.0110518	66.08363816	81.91352154	125.6513968	98.11865833
ENSMUSG00000087332	9.904325918	9.043024169	3.530755239	4.832746033	7.161945863
ENSMUSG00000087333	7.074518513	7.651789682	8.473812573	4.02728836	5.729556691
ENSMUSG00000087334	5.65961481	9.043024169	10.59226572	8.054576721	5.729556691
ENSMUSG00000087335	6.367066661	11.82549314	5.649208382	12.08186508	15.7562809
ENSMUSG00000087336	48.81417774	66.08363816	69.20280268	45.10562964	57.29556691
ENSMUSG00000087337	12.02668147	6.956172438	9.886114669	4.832746033	8.594335036

ENSMUSG00000087338	1.414903703	0.695617244	1.412302096	1.610915344	1.432389173
ENSMUSG00000087339	7.074518513	4.173703463	5.649208382	10.47094974	5.013362104
ENSMUSG00000087340	2.829807405	11.1298759	7.767661525	3.221830688	5.729556691
ENSMUSG00000087341	13.44158517	19.47728283	24.71528667	70.88027514	53.71459398
ENSMUSG00000087342	0	2.086851731	0	3.221830688	0.716194586
ENSMUSG00000087343	4.244711108	7.651789682	5.649208382	5.638203705	5.729556691
ENSMUSG00000087344	7.781970364	13.91234488	10.59226572	8.054576721	7.161945863
ENSMUSG00000087345	7.074518513	6.956172438	3.530755239	5.638203705	7.161945863
ENSMUSG00000087346	6.367066661	8.347406925	7.767661525	5.638203705	6.445751277
ENSMUSG00000087347	20.51610369	33.3896277	40.25060972	49.93837567	45.12025894
ENSMUSG00000087348	13.44158517	9.043024169	16.2414741	6.443661377	9.310529622
ENSMUSG00000087349	8.489422215	6.260555194	4.236906287	6.443661377	4.297167518
ENSMUSG00000087350	12.73413332	12.52111039	4.943057334	5.638203705	6.445751277
ENSMUSG00000087351	92.67619252	141.9059177	125.6948865	275.4665239	227.7498785
ENSMUSG00000087352	18.39374813	22.95536904	21.18453143	45.91108731	22.91822676
ENSMUSG00000087353	14.14903703	4.869320706	9.886114669	7.249119049	3.580972932
ENSMUSG00000087354	22.63845924	23.65098629	31.0706461	21.74735715	25.78300511
ENSMUSG00000087355	9.904325918	6.260555194	6.35535943	4.832746033	5.013362104
ENSMUSG00000087356	9.904325918	6.260555194	4.943057334	3.221830688	8.594335036
ENSMUSG00000087357	7.074518513	8.347406925	9.179963621	5.638203705	5.729556691
ENSMUSG00000087358	4.244711108	3.478086219	4.236906287	2.416373016	2.148583759
ENSMUSG00000087360	2.122355554	4.173703463	4.943057334	2.416373016	2.864778345
ENSMUSG00000087361	24.05336294	44.5195036	38.13215658	31.41284921	29.36397804
ENSMUSG00000087362	8.489422215	10.43425866	9.179963621	4.02728836	5.013362104
ENSMUSG00000087363	7.074518513	9.043024169	7.061510478	2.416373016	5.013362104
ENSMUSG00000087364	4.244711108	3.478086219	5.649208382	5.638203705	4.297167518
ENSMUSG00000087365	5.65961481	4.869320706	4.943057334	0	2.864778345
ENSMUSG00000087366	10.61177777	19.47728283	16.94762515	136.9278043	101.6996313
ENSMUSG00000087367	29.0055259	45.91073809	47.3121202	60.40932541	45.83645353
ENSMUSG00000087368	16.27139258	38.95456565	26.83373982	74.10210583	59.44415067
ENSMUSG00000087369	5.65961481	2.782468975	0.706151048	3.221830688	3.580972932
ENSMUSG00000087370	28.29807405	57.73623123	43.78136496	66.85298678	50.13362104
ENSMUSG00000087371	4.952162959	8.347406925	5.649208382	7.249119049	5.729556691
ENSMUSG00000087373	12.73413332	16.69481385	11.29841676	13.69278043	11.45911338
ENSMUSG00000087374	8.489422215	6.260555194	15.53532305	8.054576721	5.729556691
ENSMUSG00000087376	6.367066661	6.956172438	4.943057334	4.02728836	7.87814045
ENSMUSG00000087377	50.93653329	93.21271067	70.61510478	157.8697037	135.3607768
ENSMUSG00000087378	8.489422215	6.260555194	7.767661525	1.610915344	10.02672421
ENSMUSG00000087379	9.196874066	4.173703463	7.767661525	5.638203705	6.445751277
ENSMUSG00000087380	16.97884443	27.12907251	12.00456781	12.88732275	17.90486466
ENSMUSG00000087381	9.904325918	11.82549314	9.179963621	13.69278043	16.47247549
ENSMUSG00000087382	4.952162959	9.043024169	3.530755239	2.416373016	8.594335036
ENSMUSG00000087383	2.829807405	4.173703463	6.35535943	8.054576721	9.310529622

ENSMUSG00000087384	15.56394073	5.56493795	7.061510478	6.443661377	9.310529622
ENSMUSG00000087386	7.781970364	6.260555194	5.649208382	6.443661377	9.310529622
ENSMUSG00000087387	41.73965922	66.7792554	76.26431316	304.4630001	238.4927973
ENSMUSG00000087388	7.781970364	7.651789682	5.649208382	3.221830688	5.013362104
ENSMUSG00000087389	7.074518513	13.21672763	9.886114669	6.443661377	11.45911338
ENSMUSG00000087390	10.61177777	6.260555194	11.29841676	8.054576721	7.161945863
ENSMUSG00000087393	7.781970364	4.173703463	5.649208382	4.02728836	8.594335036
ENSMUSG00000087394	14.85648888	11.1298759	14.829172	11.27640741	13.60769714
ENSMUSG00000087395	11.31922962	9.738641413	16.94762515	6.443661377	8.594335036
ENSMUSG00000087396	21.22355554	29.21592424	19.77222934	30.60739154	27.21539428
ENSMUSG00000087397	6.367066661	11.82549314	9.886114669	15.30369577	5.013362104
ENSMUSG00000087398	6.367066661	10.43425866	11.29841676	8.054576721	7.161945863
ENSMUSG00000087399	12.02668147	11.82549314	4.236906287	4.02728836	4.297167518
ENSMUSG00000087400	6.367066661	6.956172438	3.530755239	5.638203705	6.445751277
ENSMUSG00000087401	6.367066661	4.869320706	4.236906287	2.416373016	4.297167518
ENSMUSG00000087402	4.952162959	8.347406925	12.71071886	5.638203705	0.716194586
ENSMUSG00000087403	8.489422215	13.21672763	16.2414741	23.35827249	16.47247549
ENSMUSG00000087404	9.196874066	8.347406925	5.649208382	7.249119049	7.161945863
ENSMUSG00000087405	16.27139258	19.47728283	19.77222934	20.1364418	21.48583759
ENSMUSG00000087406	35.37259256	52.17129328	50.84287544	22.55281482	22.91822676
ENSMUSG00000087407	7.074518513	13.91234488	6.35535943	12.08186508	10.02672421
ENSMUSG00000087409	5.65961481	4.869320706	4.943057334	4.02728836	8.594335036
ENSMUSG00000087410	8.489422215	5.56493795	7.061510478	6.443661377	9.310529622
ENSMUSG00000087411	11.31922962	8.347406925	12.71071886	16.10915344	15.7562809
ENSMUSG00000087412	9.904325918	9.738641413	7.767661525	18.52552646	12.89150255
ENSMUSG00000087413	7.074518513	2.782468975	7.061510478	4.02728836	6.445751277
ENSMUSG00000087415	6.367066661	9.043024169	9.886114669	8.860034393	5.729556691
ENSMUSG00000087416	2.829807405	1.391234488	3.530755239	2.416373016	3.580972932
ENSMUSG00000087417	0.707451851	1.391234488	1.412302096	0	0.716194586
ENSMUSG00000087422	7.781970364	7.651789682	9.886114669	5.638203705	7.161945863
ENSMUSG00000087424	7.074518513	8.347406925	11.29841676	21.74735715	17.90486466
ENSMUSG00000087425	11.31922962	8.347406925	10.59226572	1.610915344	5.013362104
ENSMUSG00000087428	2.122355554	1.391234488	6.35535943	2.416373016	2.148583759
ENSMUSG00000087429	7.074518513	6.956172438	9.179963621	3.221830688	8.594335036
ENSMUSG00000087430	6.367066661	4.173703463	7.061510478	8.054576721	8.594335036
ENSMUSG00000087431	4.244711108	9.738641413	9.886114669	1.610915344	2.864778345
ENSMUSG00000087432	0	0	0	0	0
ENSMUSG00000087433	31.83533331	63.99678643	39.54445867	92.62763229	63.0251236
ENSMUSG00000087434	12.73413332	6.956172438	7.767661525	20.1364418	12.89150255
ENSMUSG00000087435	7.074518513	9.043024169	11.29841676	3.221830688	7.161945863
ENSMUSG00000087436	8.489422215	17.39043109	11.29841676	15.30369577	16.47247549
ENSMUSG00000087437	5.65961481	6.956172438	12.00456781	6.443661377	9.310529622
ENSMUSG00000087439	9.904325918	20.86851731	10.59226572	23.35827249	14.32389173

ENSMUSG00000087440	29.0055259	33.3896277	41.66291182	89.4058016	78.06520991
ENSMUSG00000087441	9.196874066	4.869320706	4.943057334	9.665492065	7.87814045
ENSMUSG00000087442	50.22908144	52.86691053	47.3121202	62.02024075	52.99839939
ENSMUSG00000087443	12.02668147	6.260555194	17.65377619	13.69278043	13.60769714
ENSMUSG00000087445	7.074518513	6.260555194	11.29841676	8.054576721	4.297167518
ENSMUSG00000087449	48.81417774	84.86530374	67.08434954	86.98942859	75.20043157
ENSMUSG00000087450	9.904325918	6.260555194	4.236906287	47.52200265	19.33725383
ENSMUSG00000087451	7.074518513	6.956172438	9.886114669	19.33098413	11.45911338
ENSMUSG00000087452	49.52162959	87.64777272	62.1412922	56.38203705	55.86317773
ENSMUSG00000087454	7.074518513	5.56493795	5.649208382	5.638203705	8.594335036
ENSMUSG00000087455	6.367066661	3.478086219	7.767661525	6.443661377	5.013362104
ENSMUSG00000087456	12.73413332	16.69481385	12.00456781	3.221830688	8.594335036
ENSMUSG00000087457	10.61177777	11.82549314	8.473812573	12.08186508	7.87814045
ENSMUSG00000087458	19.80865184	28.52030699	24.00913562	20.1364418	19.33725383
ENSMUSG00000087459	12.02668147	6.956172438	4.236906287	10.47094974	10.7429188
ENSMUSG00000087460	11.31922962	7.651789682	10.59226572	5.638203705	7.87814045
ENSMUSG00000087461	10.61177777	2.782468975	9.886114669	4.832746033	5.013362104
ENSMUSG00000087462	4.244711108	4.173703463	5.649208382	5.638203705	6.445751277
ENSMUSG00000087464	5.65961481	6.260555194	5.649208382	6.443661377	5.013362104
ENSMUSG00000087465	11.31922962	6.956172438	14.829172	4.02728836	5.729556691
ENSMUSG00000087466	9.196874066	2.782468975	10.59226572	5.638203705	10.7429188
ENSMUSG00000087467	12.73413332	9.738641413	11.29841676	5.638203705	7.87814045
ENSMUSG00000087468	4.244711108	4.869320706	2.824604191	4.02728836	5.013362104
ENSMUSG00000087469	6.367066661	8.347406925	9.179963621	4.832746033	5.729556691
ENSMUSG00000087470	11.31922962	8.347406925	4.943057334	6.443661377	7.161945863
ENSMUSG00000087473	7.781970364	8.347406925	2.824604191	4.832746033	7.161945863
ENSMUSG00000087474	9.196874066	8.347406925	7.767661525	8.054576721	2.864778345
ENSMUSG00000087475	18.39374813	31.30277597	31.77679715	65.24207144	82.36237743
ENSMUSG00000087476	9.904325918	11.1298759	7.767661525	8.054576721	10.02672421
ENSMUSG00000087477	35.37259256	42.43265187	42.36906287	258.5519127	175.4676737
ENSMUSG00000087478	144.3201777	182.9473351	141.2302096	187.6716376	138.2255552
ENSMUSG00000087479	7.781970364	6.956172438	4.236906287	1.610915344	5.013362104
ENSMUSG00000087480	7.074518513	7.651789682	9.886114669	6.443661377	6.445751277
ENSMUSG00000087481	4.244711108	6.260555194	5.649208382	5.638203705	10.7429188
ENSMUSG00000087482	12.73413332	9.043024169	5.649208382	2.416373016	7.87814045
ENSMUSG00000087484	74.28244438	106.4294383	120.7518292	62.82569842	83.07857202
ENSMUSG00000087485	8.489422215	18.08604834	15.53532305	8.860034393	11.45911338
ENSMUSG00000087486	12.73413332	25.04222078	24.71528667	57.18749472	47.2688427
ENSMUSG00000087487	6.367066661	4.869320706	4.236906287	4.832746033	10.02672421
ENSMUSG00000087489	8.489422215	7.651789682	8.473812573	6.443661377	7.87814045
ENSMUSG00000087491	6.367066661	6.956172438	6.35535943	4.832746033	1.432389173
ENSMUSG00000087492	8.489422215	19.47728283	17.65377619	13.69278043	15.7562809
ENSMUSG00000087495	11.31922962	4.869320706	10.59226572	4.02728836	7.161945863

ENSMUSG00000087496	9.904325918	6.956172438	9.179963621	8.054576721	12.89150255
ENSMUSG00000087497	33.95768886	57.73623123	65.67204744	70.07481747	71.61945863
ENSMUSG00000087500	9.196874066	4.869320706	4.943057334	5.638203705	6.445751277
ENSMUSG00000087501	4.244711108	4.869320706	6.35535943	6.443661377	6.445751277
ENSMUSG00000087502	140.0754665	201.7290007	168.0639494	283.5211006	222.0203218
ENSMUSG00000087503	0	0	0	0	0
ENSMUSG00000087504	13.44158517	9.043024169	5.649208382	3.221830688	7.87814045
ENSMUSG00000087505	2.829807405	2.782468975	2.118453143	0.805457672	3.580972932
ENSMUSG00000087507	5.65961481	6.260555194	8.473812573	3.221830688	7.161945863
ENSMUSG00000087508	7.074518513	1.391234488	2.824604191	4.02728836	5.013362104
ENSMUSG00000087510	12.73413332	9.738641413	8.473812573	5.638203705	5.729556691
ENSMUSG00000087512	9.904325918	3.478086219	9.179963621	6.443661377	8.594335036
ENSMUSG00000087513	17.68629628	13.91234488	10.59226572	8.054576721	12.17530797
ENSMUSG00000087514	4.244711108	1.391234488	4.236906287	2.416373016	0
ENSMUSG00000087515	11.31922962	7.651789682	6.35535943	7.249119049	8.594335036
ENSMUSG00000087516	5.65961481	7.651789682	2.824604191	6.443661377	5.013362104
ENSMUSG00000087517	8.489422215	11.1298759	6.35535943	9.665492065	5.013362104
ENSMUSG00000087518	10.61177777	11.1298759	14.829172	12.88732275	9.310529622
ENSMUSG00000087519	12.73413332	16.69481385	9.179963621	12.08186508	15.04008631
ENSMUSG00000087520	42.44711108	74.43104508	88.97503202	37.85651059	40.10689684
ENSMUSG00000087521	12.02668147	3.478086219	7.767661525	1.610915344	8.594335036
ENSMUSG00000087522	5.65961481	4.173703463	6.35535943	1.610915344	5.729556691
ENSMUSG00000087523	13.44158517	16.69481385	17.65377619	14.4982381	12.89150255
ENSMUSG00000087524	7.074518513	4.173703463	6.35535943	4.02728836	7.161945863
ENSMUSG00000087525	6.367066661	3.478086219	3.530755239	8.054576721	7.161945863
ENSMUSG00000087526	7.074518513	6.260555194	7.061510478	4.02728836	7.161945863
ENSMUSG00000087527	9.196874066	5.56493795	11.29841676	8.054576721	6.445751277
ENSMUSG00000087528	8.489422215	6.260555194	5.649208382	5.638203705	5.013362104
ENSMUSG00000087530	7.074518513	4.869320706	6.35535943	10.47094974	9.310529622
ENSMUSG00000087531	10.61177777	6.260555194	11.29841676	3.221830688	5.013362104
ENSMUSG00000087532	40.32475552	55.6493795	54.37363068	36.24559524	44.40406435
ENSMUSG00000087534	6.367066661	6.260555194	6.35535943	4.832746033	5.013362104
ENSMUSG00000087535	116.0221036	124.5154866	128.5194907	82.15668255	83.07857202
ENSMUSG00000087536	9.904325918	7.651789682	8.473812573	3.221830688	7.161945863
ENSMUSG00000087537	9.904325918	6.260555194	8.473812573	3.221830688	6.445751277
ENSMUSG00000087538	37.49494812	64.69240367	72.02740687	75.71302118	64.45751277
ENSMUSG00000087539	8.489422215	5.56493795	6.35535943	5.638203705	8.594335036
ENSMUSG00000087540	7.781970364	2.782468975	7.767661525	4.02728836	3.580972932
ENSMUSG00000087541	6.367066661	13.21672763	20.47838039	6.443661377	15.04008631
ENSMUSG00000087542	9.196874066	6.260555194	9.886114669	8.054576721	12.17530797
ENSMUSG00000087543	37.49494812	49.38882431	49.43057334	37.05105292	31.5125618
ENSMUSG00000087544	7.781970364	6.260555194	7.061510478	1.610915344	5.729556691
ENSMUSG00000087545	2.122355554	0.695617244	2.824604191	0.805457672	1.432389173



ENSMUSG00000087547	7.074518513	11.82549314	8.473812573	13.69278043	6.445751277
ENSMUSG00000087549	22.63845924	41.73703463	36.01370344	32.21830688	37.95831308
ENSMUSG00000087550	4.952162959	2.782468975	2.824604191	3.221830688	2.864778345
ENSMUSG00000087552	12.02668147	10.43425866	12.71071886	5.638203705	4.297167518
ENSMUSG00000087553	7.781970364	3.478086219	3.530755239	0	0.716194586
ENSMUSG00000087554	10.61177777	7.651789682	6.35535943	10.47094974	4.297167518
ENSMUSG00000087555	0.707451851	2.086851731	0.706151048	0	0.716194586
ENSMUSG00000087556	19.80865184	28.52030699	31.0706461	20.94189947	21.48583759
ENSMUSG00000087557	0.707451851	0.695617244	1.412302096	1.610915344	0.716194586
ENSMUSG00000087559	8.489422215	4.173703463	7.061510478	7.249119049	3.580972932
ENSMUSG00000087560	3.537259256	11.1298759	21.18453143	17.72006879	17.90486466
ENSMUSG00000087561	0	0	0	0.805457672	0
ENSMUSG00000087563	0.707451851	1.391234488	0.706151048	1.610915344	2.864778345
ENSMUSG00000087564	7.074518513	6.956172438	6.35535943	6.443661377	2.864778345
ENSMUSG00000087565	3.537259256	1.391234488	4.236906287	2.416373016	1.432389173
ENSMUSG00000087568	11.31922962	4.869320706	5.649208382	5.638203705	8.594335036
ENSMUSG00000087569	6.367066661	2.782468975	4.236906287	3.221830688	9.310529622
ENSMUSG00000087570	9.196874066	4.869320706	6.35535943	6.443661377	5.013362104
ENSMUSG00000087571	7.781970364	3.478086219	9.179963621	1.610915344	4.297167518
ENSMUSG00000087574	17.68629628	29.21592424	34.60140134	34.6346799	32.22875639
ENSMUSG00000087575	9.904325918	7.651789682	9.886114669	8.860034393	7.161945863
ENSMUSG00000087577	4.244711108	4.173703463	5.649208382	0	0.716194586
ENSMUSG00000087578	28.29807405	46.60635533	39.54445867	65.24207144	52.2822048
ENSMUSG00000087579	4.952162959	6.260555194	9.179963621	4.02728836	6.445751277
ENSMUSG00000087581	11.31922962	4.869320706	2.118453143	10.47094974	2.864778345
ENSMUSG00000087582	4.244711108	5.56493795	2.824604191	3.221830688	4.297167518
ENSMUSG00000087584	7.781970364	2.782468975	7.767661525	7.249119049	5.013362104
ENSMUSG00000087585	5.65961481	9.043024169	7.767661525	4.832746033	7.87814045
ENSMUSG00000087586	6.367066661	4.869320706	4.236906287	4.832746033	0.716194586
ENSMUSG00000087587	4.244711108	2.782468975	5.649208382	4.832746033	5.013362104
ENSMUSG00000087588	8.489422215	7.651789682	14.12302096	5.638203705	4.297167518
ENSMUSG00000087589	4.244711108	7.651789682	6.35535943	7.249119049	3.580972932
ENSMUSG00000087590	0	0	0	0	0.716194586
ENSMUSG00000087591	5.65961481	2.086851731	3.530755239	2.416373016	5.013362104
ENSMUSG00000087592	9.196874066	6.956172438	7.061510478	5.638203705	11.45911338
ENSMUSG00000087593	15.56394073	29.91154148	40.95676077	77.32393652	72.33565322
ENSMUSG00000087594	5.65961481	6.260555194	10.59226572	5.638203705	2.148583759
ENSMUSG00000087595	24.05336294	31.99839321	36.71985448	41.88379895	30.79636721
ENSMUSG00000087596	13.44158517	11.82549314	13.41686991	9.665492065	7.87814045
ENSMUSG00000087597	7.781970364	6.260555194	9.886114669	8.054576721	8.594335036
ENSMUSG00000087600	16.97884443	20.17290007	19.06607829	191.698926	161.1437819
ENSMUSG00000087601	4.952162959	6.260555194	4.236906287	4.02728836	7.161945863
ENSMUSG00000087602	10.61177777	5.56493795	8.473812573	5.638203705	3.580972932

ENSMUSG00000087603	7.074518513	8.347406925	4.943057334	7.249119049	5.729556691
ENSMUSG00000087604	7.074518513	5.56493795	7.767661525	4.02728836	7.161945863
ENSMUSG00000087605	12.73413332	15.30357936	13.41686991	17.72006879	23.63442135
ENSMUSG00000087606	9.196874066	6.956172438	6.35535943	9.665492065	7.87814045
ENSMUSG00000087607	2.122355554	4.173703463	2.824604191	5.638203705	2.864778345
ENSMUSG00000087608	4.952162959	10.43425866	10.59226572	7.249119049	6.445751277
ENSMUSG00000087609	2.122355554	2.086851731	0	1.610915344	2.864778345
ENSMUSG00000087611	35.37259256	37.56333116	50.84287544	14.4982381	20.769643
ENSMUSG00000087612	33.95768886	50.7800588	48.01827125	29.80193387	35.09353473
ENSMUSG00000087613	7.074518513	6.956172438	6.35535943	4.02728836	5.013362104
ENSMUSG00000087614	4.244711108	2.086851731	4.236906287	1.610915344	5.729556691
ENSMUSG00000087615	7.781970364	3.478086219	3.530755239	7.249119049	14.32389173
ENSMUSG00000087616	3.537259256	2.086851731	3.530755239	4.832746033	2.148583759
ENSMUSG00000087617	5.65961481	8.347406925	6.35535943	3.221830688	10.7429188
ENSMUSG00000087618	7.074518513	7.651789682	5.649208382	5.638203705	8.594335036
ENSMUSG00000087620	4.952162959	2.782468975	2.824604191	1.610915344	3.580972932
ENSMUSG00000087621	89.84638511	120.3417832	90.38733411	119.2077355	97.40246374
ENSMUSG00000087622	10.61177777	7.651789682	8.473812573	4.02728836	2.864778345
ENSMUSG00000087623	7.781970364	6.260555194	6.35535943	3.221830688	2.864778345
ENSMUSG00000087624	7.074518513	8.347406925	11.29841676	12.08186508	15.7562809
ENSMUSG00000087625	6.367066661	8.347406925	4.236906287	2.416373016	3.580972932
ENSMUSG00000087626	4.244711108	2.782468975	3.530755239	1.610915344	4.297167518
ENSMUSG00000087627	14.14903703	22.95536904	7.767661525	11.27640741	15.04008631
ENSMUSG00000087628	5.65961481	9.043024169	4.943057334	5.638203705	6.445751277
ENSMUSG00000087629	10.61177777	13.21672763	9.886114669	13.69278043	15.7562809
ENSMUSG00000087630	14.14903703	7.651789682	6.35535943	4.02728836	7.161945863
ENSMUSG00000087632	8.489422215	9.738641413	6.35535943	8.860034393	2.864778345
ENSMUSG00000087633	126.6338814	161.3832006	156.0593816	159.4806191	158.2790036
ENSMUSG00000087635	13.44158517	7.651789682	11.29841676	9.665492065	13.60769714
ENSMUSG00000087636	11.31922962	5.56493795	8.473812573	8.054576721	9.310529622
ENSMUSG00000087637	13.44158517	14.60796212	7.061510478	4.02728836	5.013362104
ENSMUSG00000087638	9.904325918	9.043024169	10.59226572	8.860034393	5.729556691
ENSMUSG00000087639	5.65961481	4.869320706	6.35535943	4.832746033	11.45911338
ENSMUSG00000087640	3.537259256	4.869320706	3.530755239	0.805457672	2.148583759
ENSMUSG00000087641	13.44158517	6.260555194	6.35535943	7.249119049	10.02672421
ENSMUSG00000087642	11.31922962	5.56493795	15.53532305	16.10915344	11.45911338
ENSMUSG00000087643	5.65961481	9.738641413	14.12302096	4.832746033	5.013362104
ENSMUSG00000087644	12.02668147	24.34660353	17.65377619	16.91461111	20.769643
ENSMUSG00000087646	7.781970364	3.478086219	6.35535943	4.832746033	7.87814045
ENSMUSG00000087647	5.65961481	9.738641413	4.943057334	6.443661377	3.580972932
ENSMUSG00000087648	2.122355554	3.478086219	2.118453143	2.416373016	0.716194586
ENSMUSG00000087649	4.952162959	2.086851731	5.649208382	3.221830688	1.432389173
ENSMUSG00000087652	6.367066661	4.869320706	5.649208382	6.443661377	7.87814045

ENSMUSG00000087653	11.31922962	11.82549314	19.77222934	11.27640741	12.17530797
ENSMUSG00000087654	5.65961481	13.91234488	9.179963621	10.47094974	8.594335036
ENSMUSG00000087657	9.196874066	4.869320706	5.649208382	2.416373016	3.580972932
ENSMUSG00000087658	2.829807405	4.173703463	1.412302096	2.416373016	2.148583759
ENSMUSG00000087659	7.074518513	4.173703463	2.824604191	8.860034393	7.87814045
ENSMUSG00000087660	10.61177777	32.69401046	21.89068248	17.72006879	22.91822676
ENSMUSG00000087662	10.61177777	9.043024169	7.767661525	6.443661377	4.297167518
ENSMUSG00000087663	12.02668147	5.56493795	7.061510478	3.221830688	2.864778345
ENSMUSG00000087667	10.61177777	4.173703463	9.179963621	8.054576721	5.729556691
ENSMUSG00000087668	7.074518513	4.173703463	4.943057334	8.054576721	8.594335036
ENSMUSG00000087669	15.56394073	9.738641413	12.71071886	28.19101852	34.37734014
ENSMUSG00000087670	8.489422215	8.347406925	8.473812573	8.054576721	1.432389173
ENSMUSG00000087672	22.63845924	29.21592424	33.89525029	28.9964762	38.67450766
ENSMUSG00000087674	7.074518513	6.260555194	8.473812573	6.443661377	3.580972932
ENSMUSG00000087675	8.489422215	6.956172438	6.35535943	7.249119049	9.310529622
ENSMUSG00000087677	2.829807405	3.478086219	4.943057334	2.416373016	7.161945863
ENSMUSG00000087678	9.196874066	11.1298759	6.35535943	4.832746033	4.297167518
ENSMUSG00000087679	18.39374813	26.43345526	31.0706461	21.74735715	25.06681052
ENSMUSG00000087681	7.781970364	8.347406925	7.061510478	6.443661377	7.87814045
ENSMUSG00000087682	6.367066661	8.347406925	7.061510478	3.221830688	7.87814045
ENSMUSG00000087683	28.29807405	35.47647943	42.36906287	12.08186508	15.7562809
ENSMUSG00000087684	9.196874066	5.56493795	9.179963621	7.249119049	10.02672421
ENSMUSG00000087685	35.37259256	64.69240367	52.96132858	221.5008598	156.1304198
ENSMUSG00000087688	8.489422215	4.173703463	5.649208382	4.02728836	5.013362104
ENSMUSG00000087689	10.61177777	10.43425866	5.649208382	4.02728836	7.161945863
ENSMUSG00000087690	9.904325918	4.869320706	5.649208382	4.02728836	7.87814045
ENSMUSG00000087691	31.12788146	26.43345526	23.30298458	26.58010318	18.62105924
ENSMUSG00000087692	9.196874066	12.52111039	9.179963621	2.416373016	6.445751277
ENSMUSG00000087693	9.196874066	5.56493795	9.179963621	7.249119049	11.45911338
ENSMUSG00000087694	0	0	0	0	0
ENSMUSG00000087695	9.196874066	9.043024169	9.179963621	5.638203705	5.729556691
ENSMUSG00000087698	11.31922962	15.30357936	13.41686991	3.221830688	8.594335036
ENSMUSG00000087700	7.781970364	6.260555194	9.179963621	7.249119049	7.161945863
ENSMUSG00000087701	9.196874066	6.956172438	4.236906287	12.08186508	5.013362104
ENSMUSG00000087702	11.31922962	8.347406925	12.71071886	6.443661377	7.87814045
ENSMUSG00000087703	21.22355554	36.17209668	21.89068248	18.52552646	19.33725383
ENSMUSG00000087704	4.244711108	6.260555194	6.35535943	5.638203705	6.445751277
ENSMUSG00000087707	7.074518513	4.869320706	7.061510478	7.249119049	6.445751277
ENSMUSG00000087708	7.074518513	7.651789682	4.943057334	4.02728836	5.013362104
ENSMUSG00000087710	7.074518513	7.651789682	7.061510478	7.249119049	7.161945863
ENSMUSG00000087712	7.781970364	7.651789682	4.236906287	2.416373016	2.148583759
ENSMUSG00000087714	29.0055259	62.60555194	39.54445867	27.38556085	22.91822676
ENSMUSG00000087715	12.73413332	9.043024169	8.473812573	11.27640741	5.013362104

ENSMUSG00000087716	4.244711108	2.086851731	1.412302096	1.610915344	2.864778345
ENSMUSG00000087717	11.31922962	4.869320706	4.943057334	2.416373016	5.729556691
ENSMUSG00000087718	9.196874066	7.651789682	9.179963621	5.638203705	10.7429188
ENSMUSG00000087719	16.97884443	20.17290007	17.65377619	8.860034393	15.04008631
ENSMUSG00000087720	8.489422215	1.391234488	9.886114669	6.443661377	6.445751277
ENSMUSG00000087721	89.13893326	117.5593142	143.3486627	70.88027514	85.94335036
ENSMUSG00000087722	0.707451851	0	0	0	1.432389173
ENSMUSG00000087723	10.61177777	9.738641413	8.473812573	5.638203705	5.729556691
ENSMUSG00000087724	8.489422215	0.695617244	4.943057334	3.221830688	3.580972932
ENSMUSG00000087726	7.781970364	8.347406925	4.943057334	3.221830688	6.445751277
ENSMUSG00000087728	9.196874066	7.651789682	6.35535943	4.02728836	8.594335036
ENSMUSG00000087730	63.67066661	91.12585893	72.73355792	47.52200265	39.39070225
ENSMUSG00000087731	5.65961481	9.043024169	5.649208382	3.221830688	5.729556691
ENSMUSG00000087732	9.904325918	11.82549314	6.35535943	8.054576721	4.297167518
ENSMUSG00000087734	12.02668147	16.69481385	13.41686991	10.47094974	10.02672421
ENSMUSG00000087736	9.196874066	7.651789682	3.530755239	3.221830688	2.148583759
ENSMUSG00000087737	3.537259256	2.782468975	3.530755239	1.610915344	3.580972932
ENSMUSG00000087739	42.44711108	53.56252777	43.78136496	26.58010318	40.82309142
ENSMUSG00000087741	14.85648888	26.43345526	16.2414741	18.52552646	22.91822676
ENSMUSG00000087742	13.44158517	9.043024169	14.829172	20.94189947	19.33725383
ENSMUSG00000087743	99.04325918	173.9043109	132.756397	495.3564683	378.1507416
ENSMUSG00000087744	7.781970364	9.043024169	7.767661525	10.47094974	6.445751277
ENSMUSG00000087746	9.904325918	5.56493795	7.061510478	4.02728836	5.729556691
ENSMUSG00000087747	11.31922962	8.347406925	9.179963621	7.249119049	11.45911338
ENSMUSG00000087748	24.05336294	25.73783802	36.01370344	24.16373016	27.21539428
ENSMUSG00000087750	24.05336294	25.04222078	23.30298458	12.08186508	16.47247549
ENSMUSG00000087752	8.489422215	5.56493795	4.943057334	8.054576721	10.7429188
ENSMUSG00000087754	13.44158517	8.347406925	12.00456781	5.638203705	8.594335036
ENSMUSG00000087756	6.367066661	4.173703463	2.118453143	10.47094974	10.02672421
ENSMUSG00000087758	8.489422215	5.56493795	8.473812573	5.638203705	12.89150255
ENSMUSG00000087759	6.367066661	6.260555194	8.473812573	7.249119049	10.02672421
ENSMUSG00000087760	14.85648888	9.738641413	3.530755239	5.638203705	5.729556691
ENSMUSG00000087761	10.61177777	9.738641413	11.29841676	8.860034393	10.02672421
ENSMUSG00000087764	11.31922962	6.260555194	4.236906287	4.02728836	7.87814045
ENSMUSG00000087765	2.122355554	1.391234488	0.706151048	4.02728836	1.432389173
ENSMUSG00000087766	6.367066661	2.086851731	7.767661525	5.638203705	8.594335036
ENSMUSG00000087767	14.85648888	20.86851731	23.30298458	12.08186508	15.04008631
ENSMUSG00000087768	9.196874066	9.043024169	5.649208382	6.443661377	5.013362104
ENSMUSG00000087769	12.02668147	4.869320706	7.061510478	4.832746033	2.148583759
ENSMUSG00000087772	7.074518513	2.782468975	11.29841676	5.638203705	6.445751277
ENSMUSG00000087774	3.537259256	9.738641413	7.061510478	2.416373016	6.445751277
ENSMUSG00000087775	12.02668147	5.56493795	8.473812573	6.443661377	6.445751277
ENSMUSG00000087776	12.02668147	16.69481385	9.886114669	9.665492065	7.161945863

ENSMUSG00000087777	9.904325918	6.260555194	5.649208382	8.054576721	6.445751277
ENSMUSG00000087779	9.904325918	11.1298759	8.473812573	1.610915344	6.445751277
ENSMUSG00000087780	18.39374813	38.95456565	38.13215658	28.9964762	27.93158887
ENSMUSG00000087781	12.02668147	7.651789682	8.473812573	8.860034393	4.297167518
ENSMUSG00000087782	154.2245036	182.2517179	181.4808193	97.46037832	102.4158258
ENSMUSG00000087783	12.73413332	15.30357936	17.65377619	37.85651059	22.91822676
ENSMUSG00000087784	10.61177777	13.21672763	12.00456781	8.054576721	5.729556691
ENSMUSG00000087785	11.31922962	3.478086219	5.649208382	1.610915344	5.729556691
ENSMUSG00000087786	49.52162959	57.04061399	57.19823487	57.99295239	47.2688427
ENSMUSG00000087789	8.489422215	10.43425866	7.061510478	3.221830688	7.87814045
ENSMUSG00000087790	16.97884443	38.95456565	22.59683353	28.9964762	38.67450766
ENSMUSG00000087791	8.489422215	2.782468975	4.943057334	2.416373016	8.594335036
ENSMUSG00000087792	6.367066661	13.91234488	19.77222934	8.860034393	13.60769714
ENSMUSG00000087793	5.65961481	7.651789682	7.061510478	4.02728836	6.445751277
ENSMUSG00000087794	4.952162959	12.52111039	7.061510478	11.27640741	10.7429188
ENSMUSG00000087795	12.02668147	11.82549314	14.12302096	8.860034393	5.013362104
ENSMUSG00000087796	11.31922962	9.738641413	7.767661525	11.27640741	7.161945863
ENSMUSG00000087798	5.65961481	6.260555194	6.35535943	5.638203705	7.161945863
ENSMUSG00000087799	9.904325918	4.173703463	9.886114669	8.860034393	7.161945863
ENSMUSG00000087800	9.196874066	11.1298759	8.473812573	6.443661377	4.297167518
ENSMUSG00000087801	4.244711108	2.782468975	3.530755239	5.638203705	2.148583759
ENSMUSG00000087802	6.367066661	3.478086219	8.473812573	6.443661377	6.445751277
ENSMUSG00000087804	7.074518513	6.260555194	8.473812573	8.860034393	2.864778345
ENSMUSG00000087805	7.781970364	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000087806	8.489422215	5.56493795	3.530755239	8.054576721	4.297167518
ENSMUSG00000087807	23.34591109	25.04222078	31.77679715	19.33098413	22.91822676
ENSMUSG00000087808	12.02668147	11.82549314	11.29841676	11.27640741	13.60769714
ENSMUSG00000087810	10.61177777	7.651789682	8.473812573	3.221830688	7.87814045
ENSMUSG00000087812	6.367066661	8.347406925	5.649208382	4.02728836	2.864778345
ENSMUSG00000087813	2.829807405	2.086851731	5.649208382	2.416373016	4.297167518
ENSMUSG00000087815	9.904325918	9.043024169	9.886114669	7.249119049	6.445751277
ENSMUSG00000087816	6.367066661	12.52111039	7.767661525	4.832746033	12.17530797
ENSMUSG00000087817	9.196874066	4.869320706	7.061510478	4.02728836	5.013362104
ENSMUSG00000087819	142.905274	188.5122731	194.1915381	373.7323599	243.5061594
ENSMUSG00000087820	5.65961481	7.651789682	4.943057334	5.638203705	7.87814045
ENSMUSG00000087823	12.02668147	6.260555194	9.886114669	5.638203705	7.161945863
ENSMUSG00000087825	7.074518513	11.1298759	9.179963621	11.27640741	7.161945863
ENSMUSG00000087829	7.781970364	5.56493795	9.179963621	3.221830688	6.445751277
ENSMUSG00000087830	6.367066661	4.869320706	9.179963621	8.860034393	9.310529622
ENSMUSG00000087831	10.61177777	4.173703463	4.943057334	3.221830688	3.580972932
ENSMUSG00000087832	4.952162959	2.086851731	5.649208382	2.416373016	2.148583759
ENSMUSG00000087833	9.904325918	6.260555194	7.767661525	3.221830688	5.013362104
ENSMUSG00000087834	42.44711108	83.47406925	58.61053696	38.66196826	49.41742646

ENSMUSG00000087835	7.074518513	8.347406925	5.649208382	4.02728836	7.161945863
ENSMUSG00000087836	7.781970364	8.347406925	7.061510478	1.610915344	10.02672421
ENSMUSG00000087838	8.489422215	10.43425866	11.29841676	4.832746033	4.297167518
ENSMUSG00000087839	7.781970364	3.478086219	7.767661525	1.610915344	10.7429188
ENSMUSG00000087841	3.537259256	4.173703463	6.35535943	3.221830688	6.445751277
ENSMUSG00000087842	7.781970364	8.347406925	9.179963621	8.054576721	8.594335036
ENSMUSG00000087843	7.074518513	9.738641413	9.886114669	1.610915344	7.161945863
ENSMUSG00000087844	26.1757185	38.95456565	27.53989086	36.24559524	37.24211849
ENSMUSG00000087845	6.367066661	6.260555194	7.767661525	8.054576721	5.013362104
ENSMUSG00000087846	9.196874066	8.347406925	7.061510478	8.860034393	10.02672421
ENSMUSG00000087847	10.61177777	3.478086219	5.649208382	4.02728836	5.013362104
ENSMUSG00000087848	14.14903703	5.56493795	7.061510478	5.638203705	6.445751277
ENSMUSG00000087850	5.65961481	4.869320706	2.824604191	7.249119049	5.013362104
ENSMUSG00000087852	7.781970364	10.43425866	9.179963621	3.221830688	8.594335036
ENSMUSG00000087853	9.196874066	10.43425866	8.473812573	5.638203705	7.87814045
ENSMUSG00000087854	12.02668147	9.043024169	12.00456781	6.443661377	11.45911338
ENSMUSG00000087855	0	0	0	0	0
ENSMUSG00000087857	11.31922962	11.1298759	14.829172	8.054576721	12.89150255
ENSMUSG00000087858	10.61177777	7.651789682	10.59226572	2.416373016	8.594335036
ENSMUSG00000087859	7.781970364	6.260555194	8.473812573	7.249119049	7.87814045
ENSMUSG00000087860	14.14903703	11.82549314	5.649208382	9.665492065	7.161945863
ENSMUSG00000087861	24.05336294	45.21512085	43.78136496	39.46742593	48.70123187
ENSMUSG00000087862	10.61177777	7.651789682	8.473812573	2.416373016	8.594335036
ENSMUSG00000087863	8.489422215	6.260555194	9.179963621	4.832746033	6.445751277
ENSMUSG00000087867	8.489422215	6.260555194	7.767661525	5.638203705	5.013362104
ENSMUSG00000087869	9.196874066	6.260555194	10.59226572	4.832746033	12.17530797
ENSMUSG00000087870	9.196874066	8.347406925	5.649208382	5.638203705	7.161945863
ENSMUSG00000087871	16.97884443	9.738641413	9.179963621	4.02728836	3.580972932
ENSMUSG00000087872	7.781970364	9.738641413	11.29841676	4.02728836	6.445751277
ENSMUSG00000087873	4.244711108	5.56493795	6.35535943	3.221830688	5.729556691
ENSMUSG00000087875	9.196874066	7.651789682	7.767661525	8.054576721	11.45911338
ENSMUSG00000087876	32.54278516	38.25894841	43.07521391	91.82217462	74.48423698
ENSMUSG00000087877	5.65961481	6.956172438	6.35535943	5.638203705	8.594335036
ENSMUSG00000087878	4.952162959	6.260555194	4.943057334	4.832746033	2.864778345
ENSMUSG00000087879	7.781970364	6.260555194	9.886114669	2.416373016	4.297167518
ENSMUSG00000087880	7.074518513	6.260555194	7.061510478	3.221830688	9.310529622
ENSMUSG00000087881	9.904325918	13.21672763	8.473812573	10.47094974	10.02672421
ENSMUSG00000087883	7.781970364	9.738641413	7.767661525	5.638203705	7.161945863
ENSMUSG00000087884	9.196874066	11.1298759	6.35535943	6.443661377	5.013362104
ENSMUSG00000087885	2.122355554	0.695617244	4.943057334	1.610915344	1.432389173
ENSMUSG00000087886	7.074518513	4.173703463	5.649208382	5.638203705	7.161945863
ENSMUSG00000087887	73.57499253	82.08283477	86.85657888	62.82569842	60.16034525
ENSMUSG00000087890	5.65961481	6.956172438	7.767661525	5.638203705	9.310529622

ENSMUSG00000087891	10.61177777	11.82549314	15.53532305	7.249119049	10.7429188
ENSMUSG00000087892	8.489422215	6.260555194	7.061510478	5.638203705	3.580972932
ENSMUSG00000087893	12.02668147	6.260555194	4.943057334	4.832746033	8.594335036
ENSMUSG00000087894	5.65961481	6.260555194	9.179963621	7.249119049	5.729556691
ENSMUSG00000087895	14.14903703	5.56493795	9.179963621	5.638203705	11.45911338
ENSMUSG00000087896	46.69182218	83.47406925	65.67204744	25.77464551	42.25548059
ENSMUSG00000087897	13.44158517	22.95536904	16.94762515	19.33098413	15.04008631
ENSMUSG00000087898	8.489422215	4.869320706	9.179963621	4.02728836	6.445751277
ENSMUSG00000087899	7.074518513	15.30357936	7.061510478	3.221830688	5.729556691
ENSMUSG00000087902	9.904325918	8.347406925	7.767661525	5.638203705	4.297167518
ENSMUSG00000087903	188.8896443	275.4644285	233.7359968	178.8116032	158.9951982
ENSMUSG00000087904	6.367066661	6.956172438	4.943057334	3.221830688	4.297167518
ENSMUSG00000087905	6.367066661	4.869320706	4.236906287	4.832746033	10.7429188
ENSMUSG00000087908	8.489422215	6.956172438	5.649208382	4.02728836	7.161945863
ENSMUSG00000087909	7.074518513	6.260555194	7.061510478	1.610915344	10.02672421
ENSMUSG00000087910	10.61177777	4.869320706	7.061510478	2.416373016	6.445751277
ENSMUSG00000087911	8.489422215	9.043024169	10.59226572	8.054576721	5.729556691
ENSMUSG00000087912	0	0	0	0	0
ENSMUSG00000087913	8.489422215	8.347406925	4.236906287	7.249119049	2.864778345
ENSMUSG00000087914	9.196874066	9.738641413	5.649208382	0.805457672	5.013362104
ENSMUSG00000087915	12.02668147	6.260555194	4.236906287	8.054576721	5.729556691
ENSMUSG00000087916	9.904325918	9.043024169	7.061510478	7.249119049	10.02672421
ENSMUSG00000087917	5.65961481	5.56493795	13.41686991	2.416373016	4.297167518
ENSMUSG00000087919	8.489422215	9.738641413	4.943057334	4.02728836	7.87814045
ENSMUSG00000087921	7.074518513	5.56493795	7.767661525	4.832746033	9.310529622
ENSMUSG00000087922	8.489422215	15.99919661	16.2414741	9.665492065	14.32389173
ENSMUSG00000087923	7.074518513	6.956172438	6.35535943	4.02728836	5.013362104
ENSMUSG00000087924	12.02668147	8.347406925	9.886114669	8.860034393	6.445751277
ENSMUSG00000087925	10.61177777	10.43425866	9.179963621	12.08186508	9.310529622
ENSMUSG00000087926	19.80865184	29.21592424	25.42143772	15.30369577	23.63442135
ENSMUSG00000087929	7.781970364	6.956172438	9.886114669	4.832746033	9.310529622
ENSMUSG00000087930	11.31922962	9.043024169	7.767661525	5.638203705	5.013362104
ENSMUSG00000087932	6.367066661	9.738641413	10.59226572	4.02728836	7.161945863
ENSMUSG00000087933	12.73413332	4.173703463	8.473812573	4.832746033	6.445751277
ENSMUSG00000087935	0	0	0	0	0
ENSMUSG00000087936	9.196874066	4.173703463	7.767661525	5.638203705	11.45911338
ENSMUSG00000087937	5.65961481	2.086851731	4.943057334	7.249119049	7.161945863
ENSMUSG00000087938	14.14903703	22.95536904	28.24604191	16.10915344	27.21539428
ENSMUSG00000087939	9.196874066	5.56493795	2.118453143	4.02728836	9.310529622
ENSMUSG00000087940	14.14903703	9.043024169	8.473812573	4.832746033	4.297167518
ENSMUSG00000087941	0	0	0.706151048	0	0
ENSMUSG00000087942	4.244711108	5.56493795	9.179963621	8.054576721	5.729556691
ENSMUSG00000087943	0	0	0	0	0

ENSMUSG00000087945	7.074518513	8.347406925	6.35535943	6.443661377	5.013362104
ENSMUSG00000087946	7.781970364	6.956172438	4.943057334	3.221830688	7.87814045
ENSMUSG00000087947	9.196874066	4.173703463	9.179963621	9.665492065	5.013362104
ENSMUSG00000087949	30.4204296	72.34419335	45.8998181	24.16373016	24.35061594
ENSMUSG00000087950	12.02668147	6.956172438	8.473812573	4.832746033	4.297167518
ENSMUSG00000087951	234.8740146	289.3767734	234.4421479	270.6337778	212.7097921
ENSMUSG00000087954	8.489422215	7.651789682	10.59226572	8.054576721	7.87814045
ENSMUSG00000087956	7.781970364	2.782468975	4.943057334	4.832746033	7.87814045
ENSMUSG00000087957	2.829807405	6.956172438	1.412302096	2.416373016	3.580972932
ENSMUSG00000087958	12.02668147	6.956172438	5.649208382	3.221830688	8.594335036
ENSMUSG00000087959	9.904325918	9.043024169	11.29841676	6.443661377	7.161945863
ENSMUSG00000087960	10.61177777	13.91234488	9.179963621	8.054576721	5.729556691
ENSMUSG00000087961	12.73413332	4.173703463	1.412302096	3.221830688	5.013362104
ENSMUSG00000087963	94.79854807	128.6891901	105.2165061	225.5281482	158.9951982
ENSMUSG00000087964	10.61177777	4.869320706	5.649208382	5.638203705	5.013362104
ENSMUSG00000087965	7.074518513	6.956172438	6.35535943	7.249119049	10.02672421
ENSMUSG00000087966	9.196874066	9.738641413	12.71071886	12.08186508	10.02672421
ENSMUSG00000087967	0	0	1.412302096	0.805457672	0
ENSMUSG00000087968	19.80865184	24.34660353	40.25060972	18.52552646	25.78300511
ENSMUSG00000087973	7.781970364	4.869320706	6.35535943	3.221830688	8.594335036
ENSMUSG00000087975	4.952162959	3.478086219	4.236906287	4.02728836	5.013362104
ENSMUSG00000087979	9.196874066	11.1298759	4.236906287	4.02728836	8.594335036
ENSMUSG00000087980	10.61177777	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000087981	9.196874066	4.173703463	9.179963621	8.054576721	7.161945863
ENSMUSG00000087982	9.904325918	8.347406925	9.179963621	9.665492065	7.87814045
ENSMUSG00000087983	3.537259256	2.782468975	2.118453143	2.416373016	3.580972932
ENSMUSG00000087985	12.73413332	4.173703463	8.473812573	8.860034393	9.310529622
ENSMUSG00000087987	4.952162959	4.869320706	5.649208382	7.249119049	7.87814045
ENSMUSG00000087989	8.489422215	11.1298759	9.179963621	4.832746033	2.148583759
ENSMUSG00000087990	12.02668147	5.56493795	4.236906287	7.249119049	9.310529622
ENSMUSG00000087991	10.61177777	4.869320706	7.767661525	4.02728836	7.87814045
ENSMUSG00000087992	18.39374813	22.2597518	16.2414741	16.10915344	16.47247549
ENSMUSG00000087993	7.074518513	18.78166558	15.53532305	41.88379895	20.769643
ENSMUSG00000087994	10.61177777	8.347406925	8.473812573	3.221830688	5.729556691
ENSMUSG00000087995	9.904325918	10.43425866	7.061510478	5.638203705	9.310529622
ENSMUSG00000087997	9.904325918	8.347406925	4.236906287	8.054576721	9.310529622
ENSMUSG00000087999	7.074518513	4.869320706	6.35535943	5.638203705	7.161945863
ENSMUSG00000088000	15.56394073	11.82549314	14.12302096	11.27640741	5.729556691
ENSMUSG00000088001	43.15456293	48.69320706	36.71985448	21.74735715	25.78300511
ENSMUSG00000088002	11.31922962	8.347406925	9.886114669	8.054576721	6.445751277
ENSMUSG00000088004	188.1821924	231.6405422	221.731429	214.2517408	171.8867007
ENSMUSG00000088005	10.61177777	13.91234488	7.767661525	8.054576721	10.7429188
ENSMUSG00000088008	8.489422215	9.738641413	10.59226572	10.47094974	7.161945863



ENSMUSG0000088009	10.61177777	4.869320706	8.473812573	4.832746033	7.87814045
ENSMUSG0000088010	5.65961481	9.043024169	7.061510478	6.443661377	7.87814045
ENSMUSG0000088014	15.56394073	25.04222078	19.77222934	10.47094974	16.47247549
ENSMUSG0000088015	11.31922962	15.30357936	9.886114669	11.27640741	18.62105924
ENSMUSG0000088016	14.85648888	15.30357936	8.473812573	5.638203705	8.594335036
ENSMUSG0000088017	4.952162959	4.173703463	4.943057334	3.221830688	2.864778345
ENSMUSG0000088018	4.952162959	9.738641413	7.061510478	9.665492065	8.594335036
ENSMUSG0000088019	7.781970364	6.260555194	6.35535943	5.638203705	4.297167518
ENSMUSG0000088020	7.074518513	4.869320706	4.943057334	3.221830688	5.013362104
ENSMUSG0000088021	6.367066661	8.347406925	7.061510478	4.832746033	9.310529622
ENSMUSG0000088022	40.32475552	63.30116918	69.90895373	45.10562964	59.44415067
ENSMUSG0000088025	12.02668147	6.260555194	9.179963621	6.443661377	10.02672421
ENSMUSG0000088026	4.244711108	6.260555194	3.530755239	0.805457672	3.580972932
ENSMUSG0000088027	11.31922962	4.869320706	4.236906287	4.832746033	3.580972932
ENSMUSG0000088028	9.904325918	13.21672763	12.00456781	13.69278043	13.60769714
ENSMUSG0000088030	1.414903703	5.56493795	1.412302096	0	5.729556691
ENSMUSG0000088031	7.074518513	5.56493795	8.473812573	4.832746033	7.87814045
ENSMUSG0000088036	7.781970364	2.086851731	4.236906287	3.221830688	4.297167518
ENSMUSG0000088037	164.1288295	216.3369628	180.7746682	163.5079074	161.8599765
ENSMUSG0000088039	1.414903703	4.869320706	7.767661525	2.416373016	7.161945863
ENSMUSG0000088040	12.02668147	9.738641413	12.71071886	5.638203705	7.161945863
ENSMUSG0000088041	9.904325918	6.956172438	7.767661525	5.638203705	7.87814045
ENSMUSG0000088043	12.02668147	7.651789682	9.886114669	3.221830688	4.297167518
ENSMUSG0000088044	6.367066661	8.347406925	4.943057334	10.47094974	14.32389173
ENSMUSG0000088045	0	0.695617244	0	0	0
ENSMUSG0000088046	9.196874066	9.738641413	6.35535943	4.832746033	7.161945863
ENSMUSG0000088047	4.952162959	6.956172438	2.118453143	2.416373016	5.013362104
ENSMUSG0000088048	6.367066661	6.260555194	7.061510478	5.638203705	5.013362104
ENSMUSG0000088049	9.196874066	6.956172438	8.473812573	5.638203705	9.310529622
ENSMUSG0000088050	2.829807405	3.478086219	5.649208382	5.638203705	3.580972932
ENSMUSG0000088051	12.02668147	8.347406925	10.59226572	5.638203705	7.161945863
ENSMUSG0000088052	1.414903703	0	0.706151048	1.610915344	0.716194586
ENSMUSG0000088054	7.781970364	5.56493795	7.767661525	4.02728836	17.90486466
ENSMUSG0000088055	9.196874066	8.347406925	11.29841676	6.443661377	10.02672421
ENSMUSG0000088056	22.63845924	22.2597518	29.65834401	22.55281482	22.20203218
ENSMUSG0000088057	17.68629628	6.956172438	6.35535943	8.054576721	6.445751277
ENSMUSG0000088058	9.196874066	9.043024169	14.12302096	14.4982381	9.310529622
ENSMUSG0000088059	0	0	0	0	0
ENSMUSG0000088060	13.44158517	9.043024169	9.886114669	5.638203705	2.148583759
ENSMUSG0000088062	9.196874066	6.260555194	7.061510478	6.443661377	3.580972932
ENSMUSG0000088063	9.196874066	8.347406925	7.061510478	7.249119049	9.310529622
ENSMUSG0000088064	14.14903703	4.869320706	12.71071886	6.443661377	7.161945863
ENSMUSG0000088066	7.781970364	20.17290007	13.41686991	12.88732275	12.17530797

ENSMUSG0000088067	7.781970364	13.21672763	12.71071886	16.91461111	27.21539428
ENSMUSG0000088068	9.904325918	6.956172438	6.35535943	4.02728836	7.161945863
ENSMUSG0000088069	7.781970364	2.782468975	9.179963621	9.665492065	8.594335036
ENSMUSG0000088070	5.65961481	3.478086219	8.473812573	1.610915344	3.580972932
ENSMUSG0000088071	77.81970364	134.9497453	124.2825844	151.4260424	123.9016634
ENSMUSG0000088073	6.367066661	7.651789682	7.061510478	8.054576721	5.013362104
ENSMUSG0000088075	3.537259256	3.478086219	4.236906287	5.638203705	3.580972932
ENSMUSG0000088076	9.196874066	6.260555194	8.473812573	7.249119049	5.013362104
ENSMUSG0000088077	5.65961481	7.651789682	7.061510478	7.249119049	5.013362104
ENSMUSG0000088078	12.73413332	8.347406925	7.061510478	3.221830688	3.580972932
ENSMUSG0000088083	12.73413332	6.956172438	11.29841676	8.054576721	1.432389173
ENSMUSG0000088084	9.904325918	7.651789682	4.236906287	3.221830688	8.594335036
ENSMUSG0000088085	16.27139258	31.99839321	34.60140134	35.44013757	34.37734014
ENSMUSG0000088086	12.73413332	23.65098629	19.77222934	4.832746033	15.7562809
ENSMUSG0000088088	9.904325918	9.738641413	9.179963621	16.91461111	16.47247549
ENSMUSG0000088090	12.02668147	6.260555194	9.886114669	8.054576721	7.87814045
ENSMUSG0000088091	10.61177777	25.04222078	19.06607829	11.27640741	8.594335036
ENSMUSG0000088093	8.489422215	7.651789682	10.59226572	4.832746033	7.87814045
ENSMUSG0000088094	6.367066661	6.260555194	3.530755239	4.832746033	4.297167518
ENSMUSG0000088095	9.196874066	4.869320706	8.473812573	3.221830688	4.297167518
ENSMUSG0000088096	9.196874066	8.347406925	9.886114669	7.249119049	5.013362104
ENSMUSG0000088097	3.537259256	5.56493795	5.649208382	2.416373016	3.580972932
ENSMUSG0000088098	13.44158517	9.043024169	11.29841676	5.638203705	7.161945863
ENSMUSG0000088099	10.61177777	7.651789682	6.35535943	4.832746033	4.297167518
ENSMUSG0000088102	10.61177777	4.869320706	10.59226572	8.054576721	6.445751277
ENSMUSG0000088103	5.65961481	6.260555194	7.767661525	5.638203705	7.87814045
ENSMUSG0000088104	6.367066661	6.260555194	6.35535943	4.832746033	8.594335036
ENSMUSG0000088105	11.31922962	4.869320706	5.649208382	7.249119049	7.87814045
ENSMUSG0000088106	16.27139258	17.39043109	14.829172	14.4982381	12.89150255
ENSMUSG0000088108	43.15456293	41.04141738	49.43057334	65.24207144	68.0384857
ENSMUSG0000088111	7.781970364	8.347406925	9.886114669	4.832746033	10.7429188
ENSMUSG0000088112	9.904325918	5.56493795	5.649208382	4.832746033	5.013362104
ENSMUSG0000088113	26.88317035	23.65098629	27.53989086	16.10915344	23.63442135
ENSMUSG0000088114	5.65961481	6.260555194	4.236906287	5.638203705	7.161945863
ENSMUSG0000088115	4.244711108	9.738641413	14.829172	10.47094974	5.729556691
ENSMUSG0000088116	4.244711108	6.260555194	7.767661525	5.638203705	11.45911338
ENSMUSG0000088118	8.489422215	12.52111039	9.886114669	6.443661377	9.310529622
ENSMUSG0000088119	53.05888884	74.43104508	84.03197468	60.40932541	57.29556691
ENSMUSG0000088121	7.781970364	5.56493795	4.943057334	2.416373016	6.445751277
ENSMUSG0000088122	12.02668147	8.347406925	7.061510478	3.221830688	5.013362104
ENSMUSG0000088123	10.61177777	5.56493795	4.236906287	4.832746033	5.013362104
ENSMUSG0000088124	13.44158517	8.347406925	9.179963621	4.02728836	10.02672421
ENSMUSG0000088125	8.489422215	9.043024169	9.886114669	6.443661377	7.161945863

ENSMUSG0000088126	11.31922962	6.956172438	3.530755239	6.443661377	7.161945863
ENSMUSG0000088128	4.952162959	5.56493795	7.767661525	4.02728836	7.87814045
ENSMUSG0000088131	12.73413332	9.738641413	8.473812573	2.416373016	6.445751277
ENSMUSG0000088132	12.73413332	11.1298759	7.061510478	7.249119049	4.297167518
ENSMUSG0000088133	8.489422215	8.347406925	10.59226572	3.221830688	3.580972932
ENSMUSG0000088134	12.73413332	16.69481385	12.00456781	10.47094974	7.161945863
ENSMUSG0000088135	7.781970364	9.738641413	9.179963621	5.638203705	6.445751277
ENSMUSG0000088136	9.196874066	8.347406925	7.767661525	7.249119049	6.445751277
ENSMUSG0000088138	12.02668147	5.56493795	6.35535943	7.249119049	7.161945863
ENSMUSG0000088139	2.122355554	4.869320706	2.118453143	3.221830688	2.148583759
ENSMUSG0000088141	14.14903703	7.651789682	6.35535943	5.638203705	4.297167518
ENSMUSG0000088143	5.65961481	3.478086219	4.943057334	5.638203705	4.297167518
ENSMUSG0000088144	16.97884443	8.347406925	14.12302096	16.91461111	17.18867007
ENSMUSG0000088145	18.39374813	22.2597518	18.35992724	11.27640741	12.89150255
ENSMUSG0000088146	106.1177777	142.601535	103.098053	102.2931244	88.09193412
ENSMUSG0000088147	6.367066661	9.738641413	15.53532305	3.221830688	5.729556691
ENSMUSG0000088148	7.781970364	9.738641413	4.236906287	7.249119049	4.297167518
ENSMUSG0000088149	10.61177777	9.043024169	2.824604191	5.638203705	12.17530797
ENSMUSG0000088150	10.61177777	7.651789682	6.35535943	8.054576721	7.161945863
ENSMUSG0000088151	18.39374813	36.86771392	35.30755239	48.32746033	45.12025894
ENSMUSG0000088152	10.61177777	8.347406925	9.886114669	4.02728836	7.161945863
ENSMUSG0000088153	7.074518513	11.82549314	13.41686991	6.443661377	9.310529622
ENSMUSG0000088154	4.952162959	11.1298759	7.061510478	4.832746033	7.87814045
ENSMUSG0000088155	8.489422215	9.043024169	4.236906287	4.02728836	7.87814045
ENSMUSG0000088156	8.489422215	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG0000088157	4.244711108	7.651789682	4.943057334	1.610915344	5.729556691
ENSMUSG0000088158	19.10119998	31.99839321	33.89525029	9.665492065	22.20203218
ENSMUSG0000088159	11.31922962	6.956172438	7.061510478	1.610915344	7.87814045
ENSMUSG0000088160	9.196874066	8.347406925	8.473812573	4.832746033	6.445751277
ENSMUSG0000088161	5.65961481	8.347406925	7.767661525	4.832746033	5.729556691
ENSMUSG0000088162	11.31922962	8.347406925	12.71071886	7.249119049	4.297167518
ENSMUSG0000088164	8.489422215	3.478086219	9.886114669	3.221830688	6.445751277
ENSMUSG0000088165	9.196874066	6.260555194	10.59226572	2.416373016	9.310529622
ENSMUSG0000088166	8.489422215	11.82549314	4.943057334	0.805457672	7.161945863
ENSMUSG0000088167	9.196874066	9.738641413	6.35535943	6.443661377	5.729556691
ENSMUSG0000088168	15.56394073	27.12907251	17.65377619	16.10915344	17.90486466
ENSMUSG0000088169	7.074518513	15.99919661	12.71071886	8.860034393	7.87814045
ENSMUSG0000088170	30.4204296	54.25814501	39.54445867	37.85651059	38.67450766
ENSMUSG0000088171	12.02668147	18.08604834	19.77222934	19.33098413	20.05344842
ENSMUSG0000088172	5.65961481	6.260555194	7.767661525	6.443661377	3.580972932
ENSMUSG0000088175	6.367066661	4.869320706	7.061510478	8.054576721	4.297167518
ENSMUSG0000088176	19.80865184	18.08604834	16.94762515	16.10915344	29.36397804
ENSMUSG0000088177	11.31922962	4.869320706	9.886114669	3.221830688	7.161945863

ENSMUSG0000088179	4.952162959	5.56493795	7.767661525	6.443661377	7.161945863
ENSMUSG0000088180	0	0	0	0	0
ENSMUSG0000088181	7.074518513	9.738641413	8.473812573	3.221830688	7.161945863
ENSMUSG0000088182	9.196874066	6.956172438	4.236906287	4.832746033	5.013362104
ENSMUSG0000088183	12.02668147	11.1298759	2.824604191	8.860034393	10.7429188
ENSMUSG0000088184	5.65961481	4.869320706	4.943057334	4.02728836	5.729556691
ENSMUSG0000088185	7.781970364	16.69481385	11.29841676	16.91461111	7.161945863
ENSMUSG0000088187	6.367066661	8.347406925	10.59226572	3.221830688	8.594335036
ENSMUSG0000088188	4.244711108	6.956172438	7.061510478	15.30369577	4.297167518
ENSMUSG0000088189	125.9264295	164.8612868	165.9454962	101.4876667	90.24051788
ENSMUSG0000088191	9.196874066	7.651789682	7.061510478	5.638203705	7.87814045
ENSMUSG0000088192	11.31922962	3.478086219	4.943057334	8.054576721	8.594335036
ENSMUSG0000088193	5.65961481	4.869320706	7.767661525	5.638203705	6.445751277
ENSMUSG0000088194	5.65961481	5.56493795	12.71071886	6.443661377	9.310529622
ENSMUSG0000088195	4.952162959	4.173703463	5.649208382	4.832746033	3.580972932
ENSMUSG0000088196	9.196874066	9.738641413	4.943057334	9.665492065	8.594335036
ENSMUSG0000088197	11.31922962	6.260555194	9.886114669	6.443661377	5.729556691
ENSMUSG0000088198	10.61177777	9.043024169	12.71071886	1.610915344	10.02672421
ENSMUSG0000088200	8.489422215	10.43425866	12.00456781	14.4982381	14.32389173
ENSMUSG0000088201	11.31922962	11.82549314	7.767661525	7.249119049	10.02672421
ENSMUSG0000088203	3.537259256	5.56493795	8.473812573	6.443661377	7.87814045
ENSMUSG0000088204	9.904325918	2.086851731	12.00456781	4.02728836	7.87814045
ENSMUSG0000088205	9.196874066	7.651789682	9.886114669	7.249119049	7.87814045
ENSMUSG0000088207	19.10119998	32.69401046	33.18909925	14.4982381	20.769643
ENSMUSG0000088208	24.76081479	29.91154148	40.25060972	24.16373016	31.5125618
ENSMUSG0000088209	9.196874066	9.043024169	9.179963621	8.860034393	5.729556691
ENSMUSG0000088210	9.904325918	11.1298759	7.767661525	5.638203705	11.45911338
ENSMUSG0000088211	8.489422215	9.738641413	15.53532305	14.4982381	15.7562809
ENSMUSG0000088212	8.489422215	7.651789682	7.767661525	8.860034393	8.594335036
ENSMUSG0000088213	10.61177777	4.869320706	7.061510478	4.02728836	7.87814045
ENSMUSG0000088216	6.367066661	9.738641413	8.473812573	2.416373016	4.297167518
ENSMUSG0000088217	9.904325918	13.21672763	7.767661525	5.638203705	5.729556691
ENSMUSG0000088218	10.61177777	7.651789682	6.35535943	5.638203705	5.013362104
ENSMUSG0000088219	11.31922962	19.47728283	23.30298458	201.364418	128.9150255
ENSMUSG0000088220	4.952162959	4.173703463	4.236906287	6.443661377	5.729556691
ENSMUSG0000088221	9.904325918	9.043024169	9.886114669	8.054576721	5.729556691
ENSMUSG0000088222	7.781970364	6.260555194	2.824604191	6.443661377	4.297167518
ENSMUSG0000088223	4.952162959	9.043024169	12.00456781	3.221830688	7.161945863
ENSMUSG0000088224	14.14903703	10.43425866	9.179963621	13.69278043	12.89150255
ENSMUSG0000088225	10.61177777	9.043024169	7.061510478	4.02728836	8.594335036
ENSMUSG0000088226	9.196874066	9.043024169	12.71071886	7.249119049	11.45911338
ENSMUSG0000088227	4.952162959	7.651789682	7.767661525	2.416373016	12.89150255
ENSMUSG0000088228	10.61177777	4.869320706	17.65377619	6.443661377	7.161945863

ENSMUSG0000088229	0.707451851	1.391234488	0	0.805457672	0.716194586
ENSMUSG0000088230	160.5915702	219.815049	164.5331941	198.1425873	179.7648412
ENSMUSG0000088231	5.65961481	8.347406925	15.53532305	8.054576721	9.310529622
ENSMUSG0000088232	9.904325918	3.478086219	4.236906287	2.416373016	5.013362104
ENSMUSG0000088233	9.904325918	10.43425866	7.061510478	4.832746033	9.310529622
ENSMUSG0000088234	7.781970364	7.651789682	4.236906287	4.02728836	5.729556691
ENSMUSG0000088236	7.781970364	3.478086219	7.767661525	5.638203705	5.729556691
ENSMUSG0000088237	14.85648888	6.956172438	7.767661525	1.610915344	9.310529622
ENSMUSG0000088239	9.196874066	2.782468975	6.35535943	9.665492065	5.013362104
ENSMUSG0000088240	7.074518513	6.956172438	5.649208382	4.02728836	4.297167518
ENSMUSG0000088241	11.31922962	6.956172438	9.179963621	6.443661377	7.87814045
ENSMUSG0000088242	7.781970364	6.260555194	11.29841676	8.860034393	10.02672421
ENSMUSG0000088243	4.952162959	7.651789682	4.236906287	3.221830688	5.013362104
ENSMUSG0000088244	11.31922962	10.43425866	4.236906287	8.054576721	9.310529622
ENSMUSG0000088245	9.904325918	3.478086219	7.061510478	4.02728836	5.729556691
ENSMUSG0000088246	8.489422215	13.91234488	5.649208382	7.249119049	10.7429188
ENSMUSG0000088248	9.196874066	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG0000088249	10.61177777	13.21672763	3.530755239	10.47094974	7.161945863
ENSMUSG0000088250	21.93100739	30.60715873	28.24604191	41.88379895	43.68786977
ENSMUSG0000088252	29.71297775	75.82227957	51.54902649	82.96214023	47.2688427
ENSMUSG0000088253	9.196874066	4.869320706	7.061510478	4.02728836	5.729556691
ENSMUSG0000088254	17.68629628	20.86851731	14.12302096	41.88379895	32.22875639
ENSMUSG0000088255	9.196874066	9.043024169	7.767661525	6.443661377	5.729556691
ENSMUSG0000088257	7.781970364	5.56493795	11.29841676	9.665492065	7.87814045
ENSMUSG0000088258	3.537259256	10.43425866	5.649208382	5.638203705	5.013362104
ENSMUSG0000088259	5.65961481	3.478086219	7.767661525	8.860034393	7.87814045
ENSMUSG0000088260	10.61177777	6.260555194	12.71071886	3.221830688	8.594335036
ENSMUSG0000088261	13.44158517	2.782468975	7.767661525	8.860034393	7.87814045
ENSMUSG0000088264	2.829807405	1.391234488	2.118453143	0.805457672	1.432389173
ENSMUSG0000088265	12.02668147	5.56493795	8.473812573	5.638203705	10.02672421
ENSMUSG0000088266	10.61177777	5.56493795	4.236906287	5.638203705	6.445751277
ENSMUSG0000088268	18.39374813	22.95536904	12.71071886	7.249119049	10.7429188
ENSMUSG0000088269	10.61177777	9.738641413	9.886114669	4.02728836	6.445751277
ENSMUSG0000088270	16.27139258	20.17290007	16.2414741	13.69278043	13.60769714
ENSMUSG0000088273	8.489422215	4.869320706	12.71071886	6.443661377	12.17530797
ENSMUSG0000088275	7.074518513	4.869320706	4.943057334	4.02728836	7.161945863
ENSMUSG0000088276	8.489422215	11.1298759	10.59226572	4.02728836	2.864778345
ENSMUSG0000088278	36.78749627	41.04141738	34.60140134	45.91108731	39.39070225
ENSMUSG0000088279	11.31922962	3.478086219	7.061510478	4.832746033	5.729556691
ENSMUSG0000088280	7.781970364	5.56493795	4.236906287	5.638203705	7.161945863
ENSMUSG0000088281	4.244711108	7.651789682	6.35535943	10.47094974	4.297167518
ENSMUSG0000088282	6.367066661	3.478086219	6.35535943	3.221830688	5.013362104
ENSMUSG0000088283	6.367066661	2.782468975	4.943057334	2.416373016	2.148583759

ENSMUSG0000088284	8.489422215	9.738641413	12.00456781	0	7.87814045
ENSMUSG0000088285	7.781970364	18.08604834	13.41686991	10.47094974	15.7562809
ENSMUSG0000088286	6.367066661	3.478086219	6.35535943	7.249119049	5.013362104
ENSMUSG0000088288	8.489422215	3.478086219	7.767661525	2.416373016	2.148583759
ENSMUSG0000088290	13.44158517	8.347406925	9.179963621	8.860034393	15.7562809
ENSMUSG0000088291	2.122355554	3.478086219	1.412302096	2.416373016	4.297167518
ENSMUSG0000088293	52.35143699	70.25734162	65.67204744	64.43661377	73.76804239
ENSMUSG0000088294	6.367066661	4.173703463	2.824604191	3.221830688	3.580972932
ENSMUSG0000088295	5.65961481	6.260555194	8.473812573	5.638203705	3.580972932
ENSMUSG0000088296	7.781970364	6.260555194	11.29841676	10.47094974	10.7429188
ENSMUSG0000088297	8.489422215	8.347406925	5.649208382	4.832746033	5.013362104
ENSMUSG0000088298	62.25576291	100.8645003	103.804204	62.02024075	66.60609653
ENSMUSG0000088299	68.62282957	89.73462445	83.32582364	44.30017197	37.24211849
ENSMUSG0000088301	5.65961481	3.478086219	5.649208382	3.221830688	0.716194586
ENSMUSG0000088302	4.952162959	6.260555194	11.29841676	18.52552646	9.310529622
ENSMUSG0000088303	29.71297775	45.21512085	38.13215658	20.1364418	25.78300511
ENSMUSG0000088304	9.904325918	9.043024169	16.2414741	8.054576721	3.580972932
ENSMUSG0000088307	7.781970364	4.173703463	4.943057334	4.832746033	4.297167518
ENSMUSG0000088308	34.66514071	59.82308296	69.20280268	74.9075635	77.34901533
ENSMUSG0000088310	0	0.695617244	0.706151048	0.805457672	0
ENSMUSG0000088311	5.65961481	4.173703463	14.12302096	4.832746033	7.161945863
ENSMUSG0000088312	9.904325918	8.347406925	6.35535943	4.832746033	6.445751277
ENSMUSG0000088313	7.074518513	4.173703463	9.179963621	1.610915344	3.580972932
ENSMUSG0000088314	17.68629628	14.60796212	21.18453143	13.69278043	7.87814045
ENSMUSG0000088317	8.489422215	6.956172438	7.061510478	4.832746033	9.310529622
ENSMUSG0000088318	6.367066661	5.56493795	5.649208382	6.443661377	8.594335036
ENSMUSG0000088320	9.196874066	11.1298759	9.886114669	4.02728836	5.729556691
ENSMUSG0000088322	11.31922962	5.56493795	11.29841676	5.638203705	8.594335036
ENSMUSG0000088323	21.93100739	34.08524495	26.12758877	66.04752911	51.56601022
ENSMUSG0000088324	3.537259256	10.43425866	5.649208382	2.416373016	4.297167518
ENSMUSG0000088325	94.09109622	132.8628936	109.4534124	65.24207144	63.0251236
ENSMUSG0000088326	7.074518513	4.869320706	2.824604191	0.805457672	4.297167518
ENSMUSG0000088327	11.31922962	6.260555194	7.767661525	5.638203705	7.87814045
ENSMUSG0000088329	6.367066661	7.651789682	5.649208382	8.054576721	5.013362104
ENSMUSG0000088331	2.122355554	6.956172438	7.061510478	2.416373016	3.580972932
ENSMUSG0000088332	178.2778665	212.8588766	204.0776528	190.0880106	166.157144
ENSMUSG0000088333	11.31922962	13.21672763	7.767661525	6.443661377	8.594335036
ENSMUSG0000088334	0.707451851	1.391234488	0	2.416373016	2.864778345
ENSMUSG0000088335	4.952162959	4.173703463	0.706151048	3.221830688	2.864778345
ENSMUSG0000088337	13.44158517	6.260555194	6.35535943	2.416373016	5.729556691
ENSMUSG0000088338	19.10119998	26.43345526	24.71528667	24.16373016	19.33725383
ENSMUSG0000088339	4.952162959	4.173703463	6.35535943	5.638203705	6.445751277
ENSMUSG0000088340	7.074518513	11.82549314	7.061510478	4.832746033	7.161945863

ENSMUSG0000088342	7.781970364	4.173703463	3.530755239	4.02728836	11.45911338
ENSMUSG0000088343	10.61177777	8.347406925	4.943057334	1.610915344	2.148583759
ENSMUSG0000088344	9.904325918	6.260555194	9.886114669	5.638203705	10.7429188
ENSMUSG0000088346	13.44158517	7.651789682	10.59226572	6.443661377	7.87814045
ENSMUSG0000088348	10.61177777	9.043024169	13.41686991	8.054576721	6.445751277
ENSMUSG0000088349	21.22355554	31.30277597	28.95219296	43.49471429	38.67450766
ENSMUSG0000088350	9.196874066	3.478086219	8.473812573	0.805457672	7.161945863
ENSMUSG0000088351	8.489422215	10.43425866	9.886114669	34.6346799	20.769643
ENSMUSG0000088352	12.02668147	11.1298759	2.824604191	8.860034393	5.729556691
ENSMUSG0000088353	8.489422215	6.956172438	4.943057334	3.221830688	9.310529622
ENSMUSG0000088354	4.244711108	5.56493795	2.824604191	8.054576721	3.580972932
ENSMUSG0000088356	7.781970364	5.56493795	7.061510478	3.221830688	7.87814045
ENSMUSG0000088357	29.71297775	45.91073809	52.25517753	16.91461111	25.06681052
ENSMUSG0000088358	6.367066661	7.651789682	10.59226572	8.054576721	7.87814045
ENSMUSG0000088359	8.489422215	4.869320706	12.00456781	8.860034393	9.310529622
ENSMUSG0000088360	11.31922962	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG0000088361	9.904325918	9.738641413	6.35535943	4.832746033	5.729556691
ENSMUSG0000088362	7.781970364	5.56493795	10.59226572	7.249119049	7.87814045
ENSMUSG0000088363	9.196874066	4.869320706	6.35535943	8.860034393	3.580972932
ENSMUSG0000088364	9.196874066	13.21672763	11.29841676	9.665492065	11.45911338
ENSMUSG0000088365	10.61177777	9.738641413	7.061510478	5.638203705	8.594335036
ENSMUSG0000088366	7.781970364	8.347406925	9.886114669	4.02728836	5.729556691
ENSMUSG0000088367	4.952162959	3.478086219	5.649208382	3.221830688	2.864778345
ENSMUSG0000088368	9.196874066	9.738641413	6.35535943	7.249119049	7.161945863
ENSMUSG0000088369	7.074518513	4.173703463	4.236906287	4.832746033	6.445751277
ENSMUSG0000088370	7.781970364	7.651789682	4.236906287	3.221830688	6.445751277
ENSMUSG0000088371	11.31922962	6.260555194	3.530755239	9.665492065	7.161945863
ENSMUSG0000088372	7.781970364	6.956172438	7.061510478	4.832746033	10.7429188
ENSMUSG0000088373	7.074518513	13.91234488	11.29841676	20.94189947	17.18867007
ENSMUSG0000088374	7.074518513	6.956172438	2.824604191	6.443661377	6.445751277
ENSMUSG0000088377	10.61177777	3.478086219	7.767661525	4.02728836	7.161945863
ENSMUSG0000088378	26.1757185	23.65098629	33.18909925	20.1364418	17.90486466
ENSMUSG0000088379	7.781970364	5.56493795	7.767661525	8.054576721	12.17530797
ENSMUSG0000088380	4.952162959	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG0000088383	1.414903703	0.695617244	3.530755239	4.832746033	3.580972932
ENSMUSG0000088384	7.074518513	3.478086219	10.59226572	7.249119049	10.7429188
ENSMUSG0000088385	31.83533331	50.08444155	48.01827125	26.58010318	25.78300511
ENSMUSG0000088386	8.489422215	9.043024169	7.061510478	8.054576721	5.013362104
ENSMUSG0000088387	9.904325918	6.956172438	7.767661525	6.443661377	10.02672421
ENSMUSG0000088389	7.781970364	6.260555194	9.179963621	4.02728836	5.729556691
ENSMUSG0000088391	8.489422215	6.260555194	7.767661525	5.638203705	7.161945863
ENSMUSG0000088392	11.31922962	7.651789682	10.59226572	2.416373016	6.445751277
ENSMUSG0000088393	43.86201478	65.38802092	67.08434954	91.82217462	67.32229112

ENSMUSG0000088394	2.829807405	5.56493795	7.767661525	4.02728836	3.580972932
ENSMUSG0000088395	9.904325918	7.651789682	8.473812573	1.610915344	9.310529622
ENSMUSG0000088397	9.904325918	12.52111039	7.061510478	6.443661377	11.45911338
ENSMUSG0000088398	11.31922962	6.956172438	14.829172	8.860034393	12.89150255
ENSMUSG0000088400	41.73965922	72.34419335	62.1412922	43.49471429	41.53928601
ENSMUSG0000088402	4.952162959	6.956172438	2.118453143	2.416373016	3.580972932
ENSMUSG0000088403	7.781970364	13.21672763	11.29841676	9.665492065	8.594335036
ENSMUSG0000088404	5.65961481	4.173703463	2.118453143	0.805457672	2.148583759
ENSMUSG0000088405	5.65961481	4.869320706	7.767661525	2.416373016	4.297167518
ENSMUSG0000088406	6.367066661	5.56493795	10.59226572	14.4982381	12.89150255
ENSMUSG0000088407	16.27139258	4.173703463	6.35535943	3.221830688	7.161945863
ENSMUSG0000088408	8.489422215	5.56493795	5.649208382	8.860034393	7.87814045
ENSMUSG0000088409	12.02668147	11.1298759	8.473812573	4.02728836	7.87814045
ENSMUSG0000088410	14.14903703	25.73783802	24.71528667	20.1364418	20.05344842
ENSMUSG0000088412	9.904325918	6.260555194	7.767661525	6.443661377	7.161945863
ENSMUSG0000088414	12.02668147	10.43425866	16.94762515	18.52552646	17.90486466
ENSMUSG0000088415	12.02668147	7.651789682	10.59226572	5.638203705	8.594335036
ENSMUSG0000088416	14.14903703	15.30357936	11.29841676	13.69278043	11.45911338
ENSMUSG0000088417	7.781970364	6.956172438	10.59226572	7.249119049	5.729556691
ENSMUSG0000088418	5.65961481	5.56493795	7.061510478	6.443661377	6.445751277
ENSMUSG0000088419	6.367066661	4.173703463	4.236906287	9.665492065	10.02672421
ENSMUSG0000088420	10.61177777	6.260555194	9.886114669	3.221830688	5.729556691
ENSMUSG0000088421	8.489422215	3.478086219	4.943057334	4.02728836	3.580972932
ENSMUSG0000088422	9.196874066	6.956172438	11.29841676	3.221830688	7.161945863
ENSMUSG0000088423	9.196874066	11.1298759	9.886114669	6.443661377	7.161945863
ENSMUSG0000088425	12.02668147	6.260555194	4.943057334	6.443661377	3.580972932
ENSMUSG0000088426	5.65961481	6.956172438	8.473812573	4.02728836	6.445751277
ENSMUSG0000088428	7.074518513	8.347406925	4.943057334	8.054576721	7.87814045
ENSMUSG0000088429	9.196874066	8.347406925	4.943057334	7.249119049	5.013362104
ENSMUSG0000088432	0	0	0	0.805457672	0.716194586
ENSMUSG0000088433	6.367066661	7.651789682	7.061510478	8.860034393	5.013362104
ENSMUSG0000088435	12.73413332	9.738641413	4.236906287	6.443661377	7.87814045
ENSMUSG0000088436	7.074518513	11.1298759	9.179963621	5.638203705	8.594335036
ENSMUSG0000088437	112.4848444	164.1656695	161.0024389	142.566008	126.0502472
ENSMUSG0000088438	13.44158517	3.478086219	10.59226572	10.47094974	7.161945863
ENSMUSG0000088439	12.02668147	4.173703463	7.061510478	8.054576721	5.729556691
ENSMUSG0000088440	7.781970364	5.56493795	4.236906287	4.832746033	6.445751277
ENSMUSG0000088441	10.61177777	6.956172438	4.943057334	2.416373016	7.87814045
ENSMUSG0000088442	102.5805184	184.3385696	153.2347774	208.6135371	158.9951982
ENSMUSG0000088443	7.074518513	6.956172438	2.118453143	5.638203705	3.580972932
ENSMUSG0000088444	10.61177777	8.347406925	9.886114669	5.638203705	4.297167518
ENSMUSG0000088445	3.537259256	3.478086219	7.061510478	8.860034393	5.729556691
ENSMUSG0000088446	4.244711108	2.086851731	4.943057334	2.416373016	2.864778345



ENSMUSG0000088447	2.829807405	4.173703463	4.236906287	8.054576721	4.297167518
ENSMUSG0000088448	12.02668147	3.478086219	12.71071886	7.249119049	5.013362104
ENSMUSG0000088449	42.447111108	67.47487265	64.96589639	44.30017197	46.55264811
ENSMUSG0000088450	9.196874066	9.043024169	7.767661525	5.638203705	6.445751277
ENSMUSG0000088451	10.61177777	13.91234488	14.12302096	11.27640741	11.45911338
ENSMUSG0000088453	14.14903703	18.08604834	21.89068248	16.10915344	12.89150255
ENSMUSG0000088454	10.61177777	7.651789682	5.649208382	6.443661377	7.87814045
ENSMUSG0000088456	12.73413332	8.347406925	8.473812573	5.638203705	10.02672421
ENSMUSG0000088458	7.074518513	9.738641413	11.29841676	1.610915344	5.729556691
ENSMUSG0000088459	6.367066661	6.260555194	4.943057334	8.860034393	8.594335036
ENSMUSG0000088460	8.489422215	10.43425866	12.00456781	8.054576721	7.161945863
ENSMUSG0000088461	4.952162959	4.869320706	14.12302096	7.249119049	7.87814045
ENSMUSG0000088463	14.14903703	7.651789682	4.943057334	6.443661377	2.148583759
ENSMUSG0000088464	4.244711108	5.56493795	2.824604191	1.610915344	0.716194586
ENSMUSG0000088465	10.61177777	9.738641413	8.473812573	9.665492065	12.17530797
ENSMUSG0000088468	10.61177777	6.956172438	6.35535943	4.832746033	4.297167518
ENSMUSG0000088469	4.952162959	4.869320706	9.886114669	6.443661377	5.729556691
ENSMUSG0000088470	7.074518513	4.869320706	4.943057334	8.860034393	8.594335036
ENSMUSG0000088471	11.31922962	10.43425866	7.767661525	8.054576721	9.310529622
ENSMUSG0000088472	11.31922962	4.869320706	9.886114669	6.443661377	10.7429188
ENSMUSG0000088473	4.952162959	9.043024169	0.706151048	3.221830688	5.729556691
ENSMUSG0000088474	9.196874066	5.56493795	4.943057334	8.054576721	9.310529622
ENSMUSG0000088475	11.31922962	21.56413456	19.77222934	14.4982381	12.89150255
ENSMUSG0000088476	9.196874066	8.347406925	6.35535943	9.665492065	8.594335036
ENSMUSG0000088477	0	0	0.706151048	0	0
ENSMUSG0000088478	29.0055259	36.86771392	35.30755239	19.33098413	29.36397804
ENSMUSG0000088479	26.88317035	36.86771392	24.00913562	16.10915344	12.17530797
ENSMUSG0000088480	3.537259256	10.43425866	9.886114669	5.638203705	10.02672421
ENSMUSG0000088481	9.904325918	5.56493795	8.473812573	6.443661377	7.87814045
ENSMUSG0000088482	10.61177777	10.43425866	8.473812573	8.054576721	13.60769714
ENSMUSG0000088483	10.61177777	9.043024169	3.530755239	5.638203705	9.310529622
ENSMUSG0000088484	9.196874066	7.651789682	7.767661525	6.443661377	6.445751277
ENSMUSG0000088485	121.6817184	174.5999282	170.8885536	103.9040397	110.2939663
ENSMUSG0000088487	7.781970364	3.478086219	10.59226572	9.665492065	6.445751277
ENSMUSG0000088490	7.074518513	11.1298759	4.236906287	9.665492065	7.87814045
ENSMUSG0000088491	21.22355554	22.95536904	16.94762515	13.69278043	16.47247549
ENSMUSG0000088493	9.196874066	6.260555194	10.59226572	2.416373016	3.580972932
ENSMUSG0000088494	45.27691848	58.43184848	58.61053696	83.7675979	64.45751277
ENSMUSG0000088495	7.074518513	5.56493795	7.061510478	7.249119049	6.445751277
ENSMUSG0000088497	8.489422215	3.478086219	6.35535943	8.054576721	6.445751277
ENSMUSG0000088498	8.489422215	7.651789682	5.649208382	9.665492065	7.161945863
ENSMUSG0000088499	9.904325918	4.869320706	7.767661525	4.02728836	6.445751277
ENSMUSG0000088500	6.367066661	10.43425866	4.943057334	4.832746033	7.161945863

ENSMUSG00000088501	11.31922962	11.1298759	10.59226572	4.02728836	8.594335036
ENSMUSG00000088502	0	0	0	0	0
ENSMUSG00000088504	7.074518513	6.956172438	9.886114669	8.054576721	4.297167518
ENSMUSG00000088505	14.14903703	10.43425866	4.943057334	5.638203705	5.013362104
ENSMUSG00000088506	7.781970364	6.956172438	5.649208382	6.443661377	12.17530797
ENSMUSG00000088509	12.02668147	6.260555194	9.886114669	3.221830688	5.729556691
ENSMUSG00000088510	11.31922962	7.651789682	5.649208382	2.416373016	5.729556691
ENSMUSG00000088511	9.904325918	9.043024169	5.649208382	4.02728836	9.310529622
ENSMUSG00000088512	6.367066661	6.260555194	10.59226572	7.249119049	5.013362104
ENSMUSG00000088514	12.02668147	7.651789682	9.886114669	10.47094974	12.89150255
ENSMUSG00000088515	10.61177777	6.956172438	4.236906287	6.443661377	7.87814045
ENSMUSG00000088516	26.88317035	51.47567604	55.78593277	17.72006879	20.769643
ENSMUSG00000088517	7.074518513	3.478086219	7.767661525	8.054576721	3.580972932
ENSMUSG00000088518	3.537259256	2.782468975	4.943057334	2.416373016	5.729556691
ENSMUSG00000088519	6.367066661	6.956172438	4.943057334	4.02728836	5.013362104
ENSMUSG00000088521	8.489422215	6.956172438	5.649208382	9.665492065	5.729556691
ENSMUSG00000088522	6.367066661	4.869320706	4.943057334	10.47094974	6.445751277
ENSMUSG00000088523	5.65961481	4.869320706	7.061510478	3.221830688	4.297167518
ENSMUSG00000088524	0	0	0	0	0
ENSMUSG00000088525	10.61177777	4.173703463	9.179963621	7.249119049	7.161945863
ENSMUSG00000088526	11.31922962	9.043024169	9.179963621	5.638203705	10.7429188
ENSMUSG00000088527	9.196874066	5.56493795	7.061510478	8.054576721	6.445751277
ENSMUSG00000088528	10.61177777	20.17290007	16.2414741	17.72006879	12.17530797
ENSMUSG00000088529	3.537259256	5.56493795	3.530755239	7.249119049	10.02672421
ENSMUSG00000088530	7.781970364	3.478086219	3.530755239	0.805457672	2.864778345
ENSMUSG00000088532	5.65961481	6.956172438	4.236906287	8.860034393	7.161945863
ENSMUSG00000088533	8.489422215	9.738641413	1.412302096	8.054576721	6.445751277
ENSMUSG00000088535	7.781970364	8.347406925	4.943057334	5.638203705	7.161945863
ENSMUSG00000088536	10.61177777	4.869320706	14.12302096	7.249119049	5.013362104
ENSMUSG00000088537	14.85648888	9.043024169	9.179963621	8.054576721	8.594335036
ENSMUSG00000088538	6.367066661	5.56493795	11.29841676	7.249119049	12.89150255
ENSMUSG00000088539	6.367066661	1.391234488	4.236906287	0	1.432389173
ENSMUSG00000088541	12.02668147	4.869320706	9.179963621	2.416373016	7.87814045
ENSMUSG00000088542	10.61177777	6.260555194	9.179963621	5.638203705	12.17530797
ENSMUSG00000088543	14.85648888	18.08604834	16.94762515	19.33098413	25.06681052
ENSMUSG00000088544	0	0	1.412302096	1.610915344	0
ENSMUSG00000088545	12.02668147	5.56493795	12.00456781	3.221830688	9.310529622
ENSMUSG00000088546	8.489422215	6.260555194	7.061510478	4.832746033	5.013362104
ENSMUSG00000088547	12.02668147	5.56493795	8.473812573	4.02728836	7.161945863
ENSMUSG00000088548	1.414903703	1.391234488	0	0	0
ENSMUSG00000088549	14.14903703	18.08604834	18.35992724	8.860034393	22.91822676
ENSMUSG00000088550	8.489422215	8.347406925	3.530755239	5.638203705	5.729556691
ENSMUSG00000088551	7.074518513	9.738641413	6.35535943	4.832746033	5.013362104

ENSMUSG0000088552	42.44711108	67.47487265	67.08434954	72.49119049	61.59273443
ENSMUSG0000088553	11.31922962	6.260555194	14.12302096	8.054576721	8.594335036
ENSMUSG0000088554	9.196874066	6.956172438	9.886114669	5.638203705	7.161945863
ENSMUSG0000088555	64.37811846	93.21271067	74.85201106	80.54576721	84.51096119
ENSMUSG0000088558	14.85648888	6.260555194	9.179963621	6.443661377	7.161945863
ENSMUSG0000088559	29.0055259	47.30197258	57.19823487	31.41284921	30.79636721
ENSMUSG0000088562	11.31922962	8.347406925	10.59226572	4.02728836	7.87814045
ENSMUSG0000088563	9.196874066	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG0000088564	9.904325918	4.869320706	5.649208382	8.054576721	10.02672421
ENSMUSG0000088565	11.31922962	5.56493795	9.886114669	6.443661377	7.161945863
ENSMUSG0000088566	278.0285775	326.9401046	295.171138	351.179545	312.9770342
ENSMUSG0000088570	6.367066661	6.260555194	9.179963621	8.054576721	7.161945863
ENSMUSG0000088571	11.31922962	7.651789682	4.943057334	8.054576721	5.013362104
ENSMUSG0000088572	5.65961481	6.956172438	10.59226572	6.443661377	7.161945863
ENSMUSG0000088573	8.489422215	6.956172438	11.29841676	4.832746033	8.594335036
ENSMUSG0000088574	9.196874066	12.52111039	4.943057334	6.443661377	10.02672421
ENSMUSG0000088575	4.244711108	2.086851731	4.236906287	4.02728836	2.864778345
ENSMUSG0000088576	9.904325918	8.347406925	2.824604191	8.054576721	4.297167518
ENSMUSG0000088577	4.952162959	4.869320706	2.118453143	2.416373016	1.432389173
ENSMUSG0000088578	8.489422215	4.869320706	8.473812573	8.054576721	7.161945863
ENSMUSG0000088579	9.196874066	9.738641413	12.71071886	2.416373016	2.148583759
ENSMUSG0000088580	6.367066661	5.56493795	11.29841676	7.249119049	8.594335036
ENSMUSG0000088581	8.489422215	9.738641413	14.12302096	6.443661377	6.445751277
ENSMUSG0000088582	8.489422215	4.869320706	5.649208382	3.221830688	6.445751277
ENSMUSG0000088583	7.074518513	9.738641413	8.473812573	6.443661377	11.45911338
ENSMUSG0000088585	11.31922962	6.956172438	12.71071886	10.47094974	2.148583759
ENSMUSG0000088587	7.074518513	6.956172438	7.061510478	4.832746033	3.580972932
ENSMUSG0000088589	7.781970364	6.260555194	7.767661525	6.443661377	6.445751277
ENSMUSG0000088591	7.781970364	6.956172438	5.649208382	11.27640741	9.310529622
ENSMUSG0000088594	9.904325918	7.651789682	11.29841676	2.416373016	3.580972932
ENSMUSG0000088595	7.074518513	6.956172438	8.473812573	8.054576721	8.594335036
ENSMUSG0000088596	7.074518513	7.651789682	3.530755239	4.02728836	3.580972932
ENSMUSG0000088597	7.074518513	9.043024169	12.00456781	7.249119049	5.013362104
ENSMUSG0000088598	4.952162959	6.260555194	5.649208382	7.249119049	3.580972932
ENSMUSG0000088600	16.27139258	6.260555194	8.473812573	7.249119049	4.297167518
ENSMUSG0000088601	8.489422215	6.956172438	4.943057334	6.443661377	7.87814045
ENSMUSG0000088602	133.000948	173.2086937	145.4671158	114.3749894	105.2806042
ENSMUSG0000088603	8.489422215	6.260555194	8.473812573	2.416373016	6.445751277
ENSMUSG0000088604	24.76081479	43.12826911	40.25060972	53.96566403	40.10689684
ENSMUSG0000088605	9.904325918	5.56493795	8.473812573	6.443661377	8.594335036
ENSMUSG0000088606	10.61177777	6.956172438	12.00456781	3.221830688	2.864778345
ENSMUSG0000088608	48.10672589	96.69079689	72.02740687	37.85651059	40.10689684
ENSMUSG0000088609	13.44158517	15.30357936	13.41686991	16.91461111	15.04008631

ENSMUSG0000088611	8.489422215	9.738641413	4.943057334	2.416373016	5.729556691
ENSMUSG0000088614	15.56394073	5.56493795	7.767661525	8.860034393	7.161945863
ENSMUSG0000088615	12.73413332	17.39043109	9.886114669	12.08186508	8.594335036
ENSMUSG0000088616	7.074518513	3.478086219	3.530755239	0.805457672	2.148583759
ENSMUSG0000088617	9.904325918	6.956172438	10.59226572	7.249119049	2.864778345
ENSMUSG0000088618	9.904325918	8.347406925	5.649208382	5.638203705	7.87814045
ENSMUSG0000088620	7.074518513	11.82549314	4.943057334	4.832746033	7.161945863
ENSMUSG0000088621	14.14903703	8.347406925	16.94762515	8.054576721	12.17530797
ENSMUSG0000088622	19.80865184	27.82468975	23.30298458	13.69278043	11.45911338
ENSMUSG0000088623	11.31922962	9.043024169	14.829172	9.665492065	15.04008631
ENSMUSG0000088624	7.781970364	9.043024169	9.179963621	4.02728836	7.87814045
ENSMUSG0000088625	4.952162959	9.738641413	4.236906287	4.832746033	4.297167518
ENSMUSG0000088626	212.2355554	243.4660353	222.43758	150.6205847	153.2656415
ENSMUSG0000088627	5.65961481	4.869320706	9.179963621	7.249119049	6.445751277
ENSMUSG0000088628	6.367066661	8.347406925	6.35535943	7.249119049	5.729556691
ENSMUSG0000088629	12.02668147	15.99919661	20.47838039	12.08186508	11.45911338
ENSMUSG0000088630	8.489422215	6.956172438	9.179963621	8.054576721	7.161945863
ENSMUSG0000088631	10.61177777	21.56413456	16.2414741	14.4982381	18.62105924
ENSMUSG0000088632	9.196874066	5.56493795	11.29841676	8.860034393	12.89150255
ENSMUSG0000088633	9.196874066	8.347406925	11.29841676	4.832746033	5.013362104
ENSMUSG0000088634	8.489422215	6.260555194	8.473812573	7.249119049	10.7429188
ENSMUSG0000088635	7.781970364	9.043024169	10.59226572	5.638203705	9.310529622
ENSMUSG0000088637	1.414903703	0	2.118453143	1.610915344	0.716194586
ENSMUSG0000088638	5.65961481	6.956172438	2.824604191	5.638203705	5.729556691
ENSMUSG0000088639	80.64951104	157.9051143	120.7518292	60.40932541	66.60609653
ENSMUSG0000088640	7.781970364	6.956172438	4.943057334	8.860034393	5.013362104
ENSMUSG0000088641	148.5648888	185.7298041	189.2484808	192.5043836	190.50776
ENSMUSG0000088643	7.781970364	4.173703463	7.061510478	4.832746033	7.87814045
ENSMUSG0000088644	9.196874066	7.651789682	8.473812573	2.416373016	5.013362104
ENSMUSG0000088646	10.61177777	4.869320706	7.767661525	8.860034393	2.148583759
ENSMUSG0000088647	3.537259256	0.695617244	3.530755239	3.221830688	4.297167518
ENSMUSG0000088649	9.196874066	6.260555194	7.767661525	4.832746033	10.7429188
ENSMUSG0000088650	10.61177777	18.78166558	9.179963621	14.4982381	10.7429188
ENSMUSG0000088651	7.074518513	9.043024169	8.473812573	3.221830688	12.17530797
ENSMUSG0000088653	2.122355554	2.086851731	4.236906287	1.610915344	2.864778345
ENSMUSG0000088654	9.904325918	6.260555194	5.649208382	10.47094974	7.161945863
ENSMUSG0000088656	9.904325918	6.956172438	8.473812573	4.832746033	6.445751277
ENSMUSG0000088657	12.73413332	8.347406925	5.649208382	3.221830688	7.87814045
ENSMUSG0000088658	6.367066661	13.91234488	12.71071886	3.221830688	11.45911338
ENSMUSG0000088659	11.31922962	12.52111039	9.179963621	6.443661377	10.02672421
ENSMUSG0000088660	12.02668147	6.956172438	12.00456781	8.860034393	7.87814045
ENSMUSG0000088661	7.074518513	8.347406925	12.00456781	5.638203705	7.87814045
ENSMUSG0000088663	2.122355554	2.086851731	2.824604191	5.638203705	4.297167518

ENSMUSG0000088666	9.904325918	8.347406925	7.767661525	9.665492065	7.87814045
ENSMUSG0000088668	14.85648888	9.738641413	9.179963621	1.610915344	3.580972932
ENSMUSG0000088669	10.61177777	7.651789682	4.236906287	3.221830688	7.87814045
ENSMUSG0000088670	12.02668147	15.99919661	14.829172	12.08186508	16.47247549
ENSMUSG0000088671	7.781970364	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG0000088672	9.196874066	10.43425866	13.41686991	7.249119049	11.45911338
ENSMUSG0000088674	2.122355554	1.391234488	2.824604191	1.610915344	2.148583759
ENSMUSG0000088675	11.31922962	6.260555194	9.179963621	4.832746033	4.297167518
ENSMUSG0000088677	11.31922962	16.69481385	11.29841676	6.443661377	12.17530797
ENSMUSG0000088678	10.61177777	8.347406925	9.179963621	6.443661377	5.729556691
ENSMUSG0000088679	7.781970364	4.869320706	4.236906287	2.416373016	1.432389173
ENSMUSG0000088680	6.367066661	6.956172438	4.943057334	8.054576721	6.445751277
ENSMUSG0000088682	9.196874066	4.173703463	6.35535943	8.054576721	11.45911338
ENSMUSG0000088683	8.489422215	6.260555194	8.473812573	4.02728836	6.445751277
ENSMUSG0000088684	8.489422215	7.651789682	9.886114669	5.638203705	7.161945863
ENSMUSG0000088685	39.61730367	64.69240367	72.73355792	49.132918	63.0251236
ENSMUSG0000088686	6.367066661	5.56493795	3.530755239	8.860034393	5.729556691
ENSMUSG0000088687	10.61177777	6.260555194	8.473812573	5.638203705	8.594335036
ENSMUSG0000088688	69.33028142	82.77845201	80.50121945	140.9550926	110.2939663
ENSMUSG0000088689	0	2.086851731	0.706151048	0	0
ENSMUSG0000088691	11.31922962	5.56493795	6.35535943	2.416373016	7.161945863
ENSMUSG0000088692	9.196874066	6.956172438	2.824604191	4.02728836	3.580972932
ENSMUSG0000088693	9.904325918	6.260555194	5.649208382	3.221830688	2.148583759
ENSMUSG0000088695	17.68629628	22.2597518	30.36449505	19.33098413	17.18867007
ENSMUSG0000088696	9.904325918	11.1298759	16.94762515	8.054576721	10.02672421
ENSMUSG0000088697	6.367066661	4.869320706	4.943057334	0.805457672	2.864778345
ENSMUSG0000088699	22.63845924	17.39043109	15.53532305	12.08186508	10.02672421
ENSMUSG0000088700	6.367066661	3.478086219	1.412302096	2.416373016	5.013362104
ENSMUSG0000088701	0.707451851	1.391234488	0.706151048	0.805457672	0
ENSMUSG0000088702	60.13340736	95.99517964	65.67204744	45.10562964	46.55264811
ENSMUSG0000088703	5.65961481	2.782468975	4.943057334	4.02728836	5.729556691
ENSMUSG0000088704	8.489422215	5.56493795	4.943057334	3.221830688	12.17530797
ENSMUSG0000088705	159.8841184	221.9019008	216.0822206	187.6716376	157.562809
ENSMUSG0000088706	3.537259256	2.086851731	4.236906287	4.832746033	4.297167518
ENSMUSG0000088707	53.05888884	66.08363816	74.85201106	26.58010318	35.09353473
ENSMUSG0000088708	13.44158517	9.043024169	9.179963621	11.27640741	6.445751277
ENSMUSG0000088709	6.367066661	3.478086219	5.649208382	5.638203705	5.729556691
ENSMUSG0000088710	9.196874066	5.56493795	9.886114669	3.221830688	5.013362104
ENSMUSG0000088711	11.31922962	7.651789682	6.35535943	6.443661377	7.161945863
ENSMUSG0000088712	9.196874066	27.12907251	21.89068248	17.72006879	17.90486466
ENSMUSG0000088713	86.30912585	119.6461659	124.2825844	112.7640741	102.4158258
ENSMUSG0000088714	8.489422215	4.869320706	8.473812573	2.416373016	5.729556691
ENSMUSG0000088715	11.31922962	6.260555194	9.179963621	8.054576721	5.013362104

ENSMUSG0000088716	11.31922962	6.260555194	10.59226572	8.054576721	7.161945863
ENSMUSG0000088717	7.781970364	5.56493795	10.59226572	8.054576721	9.310529622
ENSMUSG0000088718	10.61177777	10.43425866	7.061510478	5.638203705	6.445751277
ENSMUSG0000088719	21.93100739	22.95536904	19.06607829	12.88732275	12.89150255
ENSMUSG0000088721	10.61177777	7.651789682	9.179963621	3.221830688	7.87814045
ENSMUSG0000088722	12.73413332	4.869320706	11.29841676	5.638203705	7.87814045
ENSMUSG0000088726	6.367066661	9.738641413	9.886114669	9.665492065	6.445751277
ENSMUSG0000088730	9.904325918	7.651789682	12.00456781	4.02728836	5.729556691
ENSMUSG0000088731	12.73413332	6.956172438	5.649208382	4.832746033	11.45911338
ENSMUSG0000088732	13.44158517	9.738641413	2.118453143	1.610915344	2.864778345
ENSMUSG0000088733	11.31922962	4.173703463	6.35535943	4.832746033	7.87814045
ENSMUSG0000088734	8.489422215	5.56493795	3.530755239	0.805457672	6.445751277
ENSMUSG0000088735	11.31922962	11.82549314	14.829172	5.638203705	5.729556691
ENSMUSG0000088736	8.489422215	6.260555194	9.886114669	4.02728836	5.729556691
ENSMUSG0000088737	6.367066661	6.956172438	3.530755239	6.443661377	8.594335036
ENSMUSG0000088738	0	0	0	0	0
ENSMUSG0000088739	9.196874066	7.651789682	14.829172	6.443661377	8.594335036
ENSMUSG0000088740	4.952162959	6.956172438	4.943057334	4.832746033	8.594335036
ENSMUSG0000088742	2.122355554	1.391234488	2.824604191	12.88732275	10.02672421
ENSMUSG0000088743	7.781970364	7.651789682	4.943057334	7.249119049	6.445751277
ENSMUSG0000088744	11.31922962	8.347406925	12.71071886	8.054576721	8.594335036
ENSMUSG0000088746	5.65961481	10.43425866	4.236906287	4.02728836	4.297167518
ENSMUSG0000088747	6.367066661	4.869320706	5.649208382	4.832746033	7.161945863
ENSMUSG0000088748	8.489422215	3.478086219	2.118453143	0.805457672	3.580972932
ENSMUSG0000088749	11.31922962	6.260555194	4.943057334	4.02728836	2.864778345
ENSMUSG0000088750	7.074518513	7.651789682	8.473812573	4.02728836	3.580972932
ENSMUSG0000088751	7.781970364	4.173703463	4.236906287	6.443661377	5.729556691
ENSMUSG0000088752	31.83533331	57.73623123	53.66747963	74.10210583	68.0384857
ENSMUSG0000088753	2.829807405	2.782468975	2.824604191	3.221830688	5.013362104
ENSMUSG0000088754	7.074518513	4.869320706	7.061510478	9.665492065	9.310529622
ENSMUSG0000088756	9.196874066	5.56493795	9.179963621	5.638203705	8.594335036
ENSMUSG0000088758	9.904325918	8.347406925	7.767661525	8.860034393	11.45911338
ENSMUSG0000088760	9.904325918	8.347406925	8.473812573	1.610915344	11.45911338
ENSMUSG0000088761	10.61177777	7.651789682	7.061510478	4.02728836	4.297167518
ENSMUSG0000088763	45.98437033	77.9091313	64.25974535	49.93837567	55.14698315
ENSMUSG0000088764	5.65961481	4.869320706	7.061510478	1.610915344	3.580972932
ENSMUSG0000088766	6.367066661	9.043024169	5.649208382	1.610915344	5.729556691
ENSMUSG0000088767	3.537259256	2.782468975	5.649208382	0	2.148583759
ENSMUSG0000088768	6.367066661	6.956172438	12.00456781	5.638203705	7.87814045
ENSMUSG0000088769	7.781970364	5.56493795	4.236906287	8.054576721	7.87814045
ENSMUSG0000088772	9.904325918	13.91234488	6.35535943	8.054576721	5.729556691
ENSMUSG0000088773	4.952162959	2.086851731	5.649208382	0.805457672	4.297167518
ENSMUSG0000088774	7.781970364	10.43425866	8.473812573	19.33098413	10.7429188

ENSMUSG0000088775	10.61177777	6.260555194	4.943057334	7.249119049	5.729556691
ENSMUSG0000088776	5.65961481	6.956172438	11.29841676	4.02728836	8.594335036
ENSMUSG0000088777	48.81417774	95.2995624	78.3827663	103.9040397	87.37573953
ENSMUSG0000088779	9.196874066	10.43425866	11.29841676	8.054576721	4.297167518
ENSMUSG0000088781	7.781970364	9.043024169	6.35535943	8.860034393	7.87814045
ENSMUSG0000088782	7.781970364	2.086851731	7.767661525	7.249119049	6.445751277
ENSMUSG0000088783	7.781970364	7.651789682	8.473812573	1.610915344	6.445751277
ENSMUSG0000088784	5.65961481	5.56493795	7.767661525	4.832746033	7.87814045
ENSMUSG0000088786	6.367066661	5.56493795	10.59226572	5.638203705	10.7429188
ENSMUSG0000088787	0	0.695617244	1.412302096	0	0.716194586
ENSMUSG0000088789	45.98437033	57.73623123	58.61053696	158.6751614	116.7397176
ENSMUSG0000088790	18.39374813	12.52111039	6.35535943	7.249119049	12.89150255
ENSMUSG0000088791	3.537259256	5.56493795	8.473812573	6.443661377	9.310529622
ENSMUSG0000088792	6.367066661	1.391234488	5.649208382	2.416373016	1.432389173
ENSMUSG0000088793	7.781970364	20.17290007	12.00456781	7.249119049	9.310529622
ENSMUSG0000088794	2.829807405	9.043024169	9.886114669	6.443661377	2.864778345
ENSMUSG0000088796	9.904325918	5.56493795	7.767661525	4.02728836	7.87814045
ENSMUSG0000088797	5.65961481	4.869320706	9.179963621	5.638203705	5.729556691
ENSMUSG0000088798	13.44158517	9.043024169	5.649208382	5.638203705	8.594335036
ENSMUSG0000088799	7.074518513	7.651789682	10.59226572	7.249119049	9.310529622
ENSMUSG0000088800	12.02668147	4.173703463	7.767661525	4.832746033	5.729556691
ENSMUSG0000088802	7.074518513	6.956172438	4.943057334	10.47094974	6.445751277
ENSMUSG0000088803	4.952162959	2.086851731	2.118453143	0	2.864778345
ENSMUSG0000088804	8.489422215	6.260555194	9.886114669	12.08186508	7.161945863
ENSMUSG0000088808	1.414903703	1.391234488	0.706151048	0.805457672	2.864778345
ENSMUSG0000088809	12.02668147	6.956172438	8.473812573	4.02728836	5.013362104
ENSMUSG0000088810	11.31922962	4.869320706	7.767661525	10.47094974	5.013362104
ENSMUSG0000088811	7.074518513	9.738641413	7.061510478	5.638203705	4.297167518
ENSMUSG0000088812	7.074518513	5.56493795	9.179963621	7.249119049	5.013362104
ENSMUSG0000088813	5.65961481	2.782468975	7.767661525	4.832746033	9.310529622
ENSMUSG0000088814	7.781970364	9.043024169	2.118453143	7.249119049	7.161945863
ENSMUSG0000088816	10.61177777	4.173703463	7.061510478	4.02728836	8.594335036
ENSMUSG0000088817	6.367066661	7.651789682	7.061510478	3.221830688	7.87814045
ENSMUSG0000088818	5.65961481	6.956172438	7.767661525	2.416373016	5.013362104
ENSMUSG0000088819	7.781970364	6.260555194	4.943057334	4.02728836	9.310529622
ENSMUSG0000088820	0.707451851	2.086851731	4.943057334	1.610915344	0
ENSMUSG0000088822	43.15456293	58.43184848	48.7244223	37.05105292	39.39070225
ENSMUSG0000088823	5.65961481	3.478086219	5.649208382	4.832746033	2.864778345
ENSMUSG0000088824	12.73413332	5.56493795	9.179963621	8.054576721	5.729556691
ENSMUSG0000088825	10.61177777	4.869320706	3.530755239	5.638203705	7.87814045
ENSMUSG0000088829	7.781970364	6.956172438	10.59226572	6.443661377	9.310529622
ENSMUSG0000088830	3.537259256	5.56493795	4.943057334	4.02728836	5.729556691
ENSMUSG0000088832	7.781970364	5.56493795	6.35535943	4.02728836	3.580972932

ENSMUSG00000088833	0	0	0	0	0
ENSMUSG00000088835	19.80865184	34.78086219	35.30755239	42.68925662	40.10689684
ENSMUSG00000088836	11.31922962	9.043024169	11.29841676	9.665492065	5.729556691
ENSMUSG00000088839	0	0.695617244	0	0	0
ENSMUSG00000088840	5.65961481	6.956172438	4.236906287	8.054576721	3.580972932
ENSMUSG00000088842	8.489422215	6.956172438	7.061510478	8.860034393	9.310529622
ENSMUSG00000088843	13.44158517	13.91234488	9.179963621	8.860034393	10.7429188
ENSMUSG00000088845	7.781970364	6.956172438	6.35535943	5.638203705	7.87814045
ENSMUSG00000088846	7.781970364	4.869320706	7.767661525	8.860034393	4.297167518
ENSMUSG00000088848	8.489422215	9.043024169	9.886114669	5.638203705	8.594335036
ENSMUSG00000088849	22.63845924	32.69401046	25.42143772	20.94189947	21.48583759
ENSMUSG00000088850	9.904325918	8.347406925	5.649208382	4.832746033	5.013362104
ENSMUSG00000088851	4.952162959	4.173703463	5.649208382	5.638203705	5.729556691
ENSMUSG00000088852	14.14903703	7.651789682	10.59226572	4.832746033	8.594335036
ENSMUSG00000088853	13.44158517	11.82549314	15.53532305	8.054576721	7.161945863
ENSMUSG00000088854	7.074518513	3.478086219	7.767661525	9.665492065	6.445751277
ENSMUSG00000088855	177.5704147	226.0756042	204.0776528	111.9586164	102.4158258
ENSMUSG00000088856	9.904325918	5.56493795	9.179963621	6.443661377	2.864778345
ENSMUSG00000088857	128.7562369	184.3385696	178.6562151	125.6513968	126.0502472
ENSMUSG00000088858	7.074518513	4.173703463	5.649208382	6.443661377	3.580972932
ENSMUSG00000088860	16.27139258	5.56493795	6.35535943	8.860034393	5.013362104
ENSMUSG00000088861	12.02668147	9.738641413	14.12302096	4.02728836	6.445751277
ENSMUSG00000088862	7.781970364	4.869320706	7.767661525	4.832746033	8.594335036
ENSMUSG00000088863	11.31922962	8.347406925	7.767661525	1.610915344	3.580972932
ENSMUSG00000088864	6.367066661	4.173703463	5.649208382	4.832746033	4.297167518
ENSMUSG00000088865	9.196874066	4.173703463	9.179963621	3.221830688	2.864778345
ENSMUSG00000088867	11.31922962	6.260555194	9.886114669	21.74735715	12.89150255
ENSMUSG00000088868	8.489422215	8.347406925	13.41686991	2.416373016	10.02672421
ENSMUSG00000088870	7.074518513	9.043024169	9.886114669	6.443661377	5.729556691
ENSMUSG00000088872	7.074518513	5.56493795	11.29841676	8.054576721	2.864778345
ENSMUSG00000088873	6.367066661	4.869320706	7.767661525	8.860034393	10.02672421
ENSMUSG00000088874	7.781970364	8.347406925	9.179963621	6.443661377	3.580972932
ENSMUSG00000088875	77.11225179	101.5601176	100.2734488	74.10210583	75.91662615
ENSMUSG00000088876	9.196874066	8.347406925	7.061510478	7.249119049	7.87814045
ENSMUSG00000088877	9.196874066	4.869320706	7.767661525	6.443661377	7.161945863
ENSMUSG00000088878	4.952162959	3.478086219	2.118453143	3.221830688	3.580972932
ENSMUSG00000088879	4.952162959	4.173703463	5.649208382	4.02728836	7.87814045
ENSMUSG00000088880	9.904325918	7.651789682	12.00456781	7.249119049	4.297167518
ENSMUSG00000088883	7.074518513	6.260555194	4.236906287	5.638203705	5.729556691
ENSMUSG00000088884	12.02668147	6.260555194	11.29841676	5.638203705	7.161945863
ENSMUSG00000088885	8.489422215	11.82549314	7.061510478	0.805457672	6.445751277
ENSMUSG00000088888	9.904325918	6.260555194	9.179963621	4.832746033	5.729556691
ENSMUSG00000088889	13.44158517	15.30357936	16.2414741	9.665492065	10.7429188



ENSMUSG0000088890	12.02668147	4.869320706	7.767661525	7.249119049	6.445751277
ENSMUSG0000088891	9.904325918	11.82549314	9.886114669	11.27640741	6.445751277
ENSMUSG0000088892	3.537259256	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG0000088894	8.489422215	14.60796212	10.59226572	11.27640741	5.013362104
ENSMUSG0000088895	13.44158517	8.347406925	5.649208382	20.1364418	15.04008631
ENSMUSG0000088896	4.244711108	2.782468975	4.943057334	2.416373016	0.716194586
ENSMUSG0000088897	9.196874066	2.086851731	7.767661525	8.860034393	10.7429188
ENSMUSG0000088898	6.367066661	6.956172438	6.35535943	6.443661377	6.445751277
ENSMUSG0000088900	14.85648888	22.95536904	17.65377619	16.10915344	15.04008631
ENSMUSG0000088901	11.31922962	10.43425866	8.473812573	8.054576721	8.594335036
ENSMUSG0000088902	8.489422215	6.260555194	6.35535943	5.638203705	4.297167518
ENSMUSG0000088903	13.44158517	9.043024169	11.29841676	4.02728836	7.161945863
ENSMUSG0000088904	8.489422215	7.651789682	7.061510478	3.221830688	7.87814045
ENSMUSG0000088905	9.196874066	7.651789682	6.35535943	4.02728836	6.445751277
ENSMUSG0000088906	7.074518513	6.956172438	5.649208382	12.08186508	9.310529622
ENSMUSG0000088907	9.904325918	6.260555194	10.59226572	1.610915344	5.729556691
ENSMUSG0000088908	9.196874066	7.651789682	10.59226572	6.443661377	10.02672421
ENSMUSG0000088909	8.489422215	4.869320706	9.886114669	9.665492065	9.310529622
ENSMUSG0000088910	4.952162959	9.043024169	12.71071886	12.08186508	7.161945863
ENSMUSG0000088911	8.489422215	3.478086219	7.767661525	4.832746033	7.87814045
ENSMUSG0000088912	14.14903703	7.651789682	5.649208382	4.02728836	6.445751277
ENSMUSG0000088913	17.68629628	11.1298759	14.12302096	16.91461111	17.18867007
ENSMUSG0000088914	7.074518513	6.956172438	7.767661525	5.638203705	5.013362104
ENSMUSG0000088915	8.489422215	11.1298759	8.473812573	12.08186508	9.310529622
ENSMUSG0000088916	38.90985182	72.34419335	67.08434954	57.99295239	63.0251236
ENSMUSG0000088918	2.829807405	3.478086219	2.118453143	4.832746033	3.580972932
ENSMUSG0000088920	7.074518513	7.651789682	10.59226572	8.054576721	7.87814045
ENSMUSG0000088922	9.196874066	19.47728283	15.53532305	15.30369577	13.60769714
ENSMUSG0000088923	12.02668147	4.173703463	7.767661525	8.860034393	6.445751277
ENSMUSG0000088924	12.02668147	4.869320706	5.649208382	8.860034393	7.87814045
ENSMUSG0000088925	10.61177777	5.56493795	4.943057334	4.02728836	6.445751277
ENSMUSG0000088926	10.61177777	11.82549314	2.118453143	7.249119049	7.161945863
ENSMUSG0000088928	9.904325918	9.738641413	8.473812573	6.443661377	5.729556691
ENSMUSG0000088929	0	0	0	0	0
ENSMUSG0000088930	4.952162959	4.869320706	4.236906287	1.610915344	5.729556691
ENSMUSG0000088932	8.489422215	12.52111039	9.886114669	9.665492065	8.594335036
ENSMUSG0000088933	12.02668147	4.869320706	7.767661525	7.249119049	5.013362104
ENSMUSG0000088935	8.489422215	6.956172438	9.179963621	4.832746033	7.87814045
ENSMUSG0000088937	9.904325918	4.869320706	12.71071886	5.638203705	7.87814045
ENSMUSG0000088938	11.31922962	4.869320706	7.767661525	1.610915344	9.310529622
ENSMUSG0000088939	7.781970364	4.173703463	5.649208382	5.638203705	5.729556691
ENSMUSG0000088940	7.781970364	5.56493795	6.35535943	4.832746033	9.310529622
ENSMUSG0000088941	14.85648888	4.869320706	6.35535943	8.054576721	7.161945863

ENSMUSG00000088942	6.367066661	13.21672763	3.530755239	5.638203705	7.87814045
ENSMUSG00000088943	12.73413332	4.869320706	12.71071886	8.054576721	5.729556691
ENSMUSG00000088944	1.414903703	2.782468975	5.649208382	2.416373016	2.864778345
ENSMUSG00000088947	12.73413332	3.478086219	4.943057334	6.443661377	8.594335036
ENSMUSG00000088948	18.39374813	37.56333116	32.4829482	79.74030954	68.0384857
ENSMUSG00000088949	9.904325918	15.30357936	9.886114669	16.10915344	11.45911338
ENSMUSG00000088950	12.02668147	11.82549314	10.59226572	8.860034393	10.7429188
ENSMUSG00000088951	76.40479994	136.3409798	108.7472614	107.1258704	109.5777717
ENSMUSG00000088953	9.904325918	8.347406925	11.29841676	8.054576721	7.87814045
ENSMUSG00000088954	11.31922962	8.347406925	6.35535943	2.416373016	12.17530797
ENSMUSG00000088955	11.31922962	13.21672763	7.767661525	18.52552646	20.769643
ENSMUSG00000088956	16.27139258	15.99919661	15.53532305	64.43661377	45.83645353
ENSMUSG00000088957	7.074518513	2.086851731	9.179963621	4.02728836	3.580972932
ENSMUSG00000088958	8.489422215	27.12907251	15.53532305	24.96918783	18.62105924
ENSMUSG00000088959	17.68629628	5.56493795	9.179963621	4.02728836	7.161945863
ENSMUSG00000088960	5.65961481	4.869320706	4.236906287	8.054576721	2.864778345
ENSMUSG00000088961	29.0055259	56.34499675	51.54902649	41.07834128	39.39070225
ENSMUSG00000088964	6.367066661	6.260555194	5.649208382	2.416373016	9.310529622
ENSMUSG00000088966	10.61177777	8.347406925	7.767661525	0.805457672	10.7429188
ENSMUSG00000088969	12.73413332	9.043024169	10.59226572	4.832746033	7.161945863
ENSMUSG00000088970	10.61177777	6.956172438	9.179963621	4.832746033	10.02672421
ENSMUSG00000088971	7.781970364	4.869320706	5.649208382	8.054576721	4.297167518
ENSMUSG00000088972	5.65961481	5.56493795	6.35535943	9.665492065	7.161945863
ENSMUSG00000088973	9.904325918	9.043024169	5.649208382	7.249119049	7.87814045
ENSMUSG00000088975	7.781970364	6.260555194	4.236906287	4.02728836	7.87814045
ENSMUSG00000088976	7.781970364	2.782468975	2.118453143	0.805457672	5.013362104
ENSMUSG00000088978	80.64951104	114.7768452	94.6242404	49.93837567	55.86317773
ENSMUSG00000088979	14.14903703	36.86771392	29.65834401	11.27640741	17.90486466
ENSMUSG00000088980	0	0	0	0	0
ENSMUSG00000088981	4.952162959	4.173703463	9.179963621	6.443661377	4.297167518
ENSMUSG00000088982	10.61177777	5.56493795	7.061510478	8.054576721	7.161945863
ENSMUSG00000088983	7.781970364	9.043024169	6.35535943	3.221830688	7.161945863
ENSMUSG00000088984	12.73413332	11.1298759	6.35535943	10.47094974	7.161945863
ENSMUSG00000088985	9.196874066	11.82549314	8.473812573	12.08186508	8.594335036
ENSMUSG00000088986	7.781970364	4.173703463	5.649208382	8.860034393	5.729556691
ENSMUSG00000088987	4.952162959	7.651789682	7.767661525	4.832746033	7.161945863
ENSMUSG00000088988	2.122355554	4.173703463	1.412302096	1.610915344	0.716194586
ENSMUSG00000088989	12.73413332	6.956172438	8.473812573	6.443661377	12.17530797
ENSMUSG00000088990	81.3569629	118.9505487	102.3919019	190.8934683	148.2522794
ENSMUSG00000088991	4.244711108	6.260555194	11.29841676	5.638203705	10.7429188
ENSMUSG00000088992	5.65961481	6.260555194	7.061510478	5.638203705	9.310529622
ENSMUSG00000088993	65.08557032	67.47487265	78.3827663	100.682209	72.33565322
ENSMUSG00000088994	8.489422215	5.56493795	8.473812573	5.638203705	5.729556691

ENSMUSG0000088995	10.61177777	7.651789682	11.29841676	7.249119049	7.87814045
ENSMUSG0000088996	13.44158517	8.347406925	5.649208382	6.443661377	4.297167518
ENSMUSG0000088997	42.447111108	79.30036579	76.97046421	45.91108731	51.56601022
ENSMUSG0000088999	7.074518513	6.260555194	6.35535943	5.638203705	6.445751277
ENSMUSG0000089000	7.781970364	9.043024169	11.29841676	5.638203705	9.310529622
ENSMUSG0000089001	7.781970364	12.52111039	7.767661525	2.416373016	5.013362104
ENSMUSG0000089002	6.367066661	4.173703463	4.236906287	3.221830688	2.148583759
ENSMUSG0000089003	9.196874066	10.43425866	10.59226572	8.860034393	6.445751277
ENSMUSG0000089004	6.367066661	4.869320706	4.236906287	8.054576721	7.87814045
ENSMUSG0000089005	4.244711108	3.478086219	4.236906287	4.02728836	2.864778345
ENSMUSG0000089007	9.196874066	9.043024169	9.886114669	5.638203705	9.310529622
ENSMUSG0000089008	4.952162959	9.738641413	7.767661525	5.638203705	5.013362104
ENSMUSG0000089009	16.27139258	27.82468975	21.18453143	10.47094974	15.04008631
ENSMUSG0000089011	67.91537772	114.7768452	88.26888097	62.82569842	51.56601022
ENSMUSG0000089014	21.93100739	35.47647943	28.95219296	83.7675979	72.33565322
ENSMUSG0000089015	154.9319554	203.8158524	195.6038402	195.7262143	171.1705061
ENSMUSG0000089016	4.952162959	9.738641413	7.767661525	4.02728836	4.297167518
ENSMUSG0000089017	13.44158517	6.956172438	7.767661525	4.02728836	5.729556691
ENSMUSG0000089018	9.904325918	6.956172438	4.943057334	4.02728836	10.7429188
ENSMUSG0000089019	5.65961481	8.347406925	7.061510478	4.832746033	7.161945863
ENSMUSG0000089021	8.489422215	3.478086219	7.061510478	4.02728836	4.297167518
ENSMUSG0000089023	4.952162959	9.043024169	7.767661525	5.638203705	8.594335036
ENSMUSG0000089024	9.196874066	8.347406925	7.767661525	4.832746033	9.310529622
ENSMUSG0000089025	6.367066661	3.478086219	9.179963621	3.221830688	4.297167518
ENSMUSG0000089026	57.30359995	71.64857611	66.37819849	56.38203705	61.59273443
ENSMUSG0000089027	6.367066661	5.56493795	4.943057334	4.832746033	9.310529622
ENSMUSG0000089028	7.781970364	6.956172438	9.179963621	8.860034393	8.594335036
ENSMUSG0000089029	7.074518513	7.651789682	8.473812573	4.832746033	5.013362104
ENSMUSG0000089030	7.074518513	3.478086219	5.649208382	1.610915344	2.148583759
ENSMUSG0000089033	9.904325918	4.869320706	10.59226572	7.249119049	8.594335036
ENSMUSG0000089034	7.781970364	5.56493795	5.649208382	2.416373016	9.310529622
ENSMUSG0000089035	10.61177777	6.260555194	3.530755239	4.02728836	7.161945863
ENSMUSG0000089036	7.074518513	6.260555194	4.943057334	10.47094974	12.17530797
ENSMUSG0000089037	4.244711108	6.956172438	7.767661525	3.221830688	5.013362104
ENSMUSG0000089038	5.65961481	5.56493795	3.530755239	3.221830688	2.864778345
ENSMUSG0000089039	12.02668147	4.869320706	12.00456781	5.638203705	5.729556691
ENSMUSG0000089040	7.074518513	2.782468975	2.824604191	2.416373016	3.580972932
ENSMUSG0000089041	10.61177777	4.173703463	9.886114669	2.416373016	6.445751277
ENSMUSG0000089043	9.904325918	4.173703463	6.35535943	4.02728836	9.310529622
ENSMUSG0000089044	10.61177777	9.043024169	7.061510478	5.638203705	5.013362104
ENSMUSG0000089045	8.489422215	7.651789682	6.35535943	5.638203705	4.297167518
ENSMUSG0000089046	12.73413332	7.651789682	5.649208382	4.832746033	3.580972932
ENSMUSG0000089047	8.489422215	9.043024169	7.767661525	5.638203705	6.445751277

ENSMUSG0000089048	7.781970364	11.1298759	9.179963621	4.832746033	5.013362104
ENSMUSG0000089049	6.367066661	11.1298759	10.59226572	8.860034393	14.32389173
ENSMUSG0000089050	9.904325918	6.956172438	9.886114669	9.665492065	7.161945863
ENSMUSG0000089051	11.31922962	6.260555194	11.29841676	7.249119049	6.445751277
ENSMUSG0000089052	14.14903703	8.347406925	6.35535943	6.443661377	6.445751277
ENSMUSG0000089053	9.196874066	7.651789682	9.886114669	5.638203705	2.148583759
ENSMUSG0000089054	8.489422215	8.347406925	10.59226572	2.416373016	3.580972932
ENSMUSG0000089055	7.074518513	3.478086219	14.12302096	4.02728836	9.310529622
ENSMUSG0000089057	10.61177777	5.56493795	4.236906287	5.638203705	11.45911338
ENSMUSG0000089060	8.489422215	11.1298759	8.473812573	6.443661377	9.310529622
ENSMUSG0000089061	12.02668147	9.043024169	9.886114669	5.638203705	5.729556691
ENSMUSG0000089062	9.904325918	11.1298759	7.767661525	9.665492065	7.87814045
ENSMUSG0000089065	9.196874066	6.260555194	6.35535943	8.860034393	7.87814045
ENSMUSG0000089066	9.904325918	4.869320706	9.179963621	3.221830688	7.87814045
ENSMUSG0000089068	0	0.695617244	1.412302096	0	0
ENSMUSG0000089069	8.489422215	5.56493795	5.649208382	5.638203705	2.864778345
ENSMUSG0000089070	4.244711108	6.260555194	5.649208382	7.249119049	6.445751277
ENSMUSG0000089071	7.074518513	13.21672763	9.886114669	8.054576721	5.013362104
ENSMUSG0000089072	17.68629628	26.43345526	16.94762515	41.88379895	30.08017263
ENSMUSG0000089073	10.61177777	2.782468975	3.530755239	7.249119049	10.02672421
ENSMUSG0000089074	7.781970364	9.043024169	6.35535943	9.665492065	5.729556691
ENSMUSG0000089075	8.489422215	7.651789682	7.061510478	7.249119049	7.161945863
ENSMUSG0000089077	0	0	0.706151048	0	0
ENSMUSG0000089078	3.537259256	5.56493795	7.767661525	6.443661377	10.7429188
ENSMUSG0000089079	7.781970364	13.91234488	7.061510478	4.02728836	2.148583759
ENSMUSG0000089080	11.31922962	15.99919661	14.12302096	11.27640741	12.17530797
ENSMUSG0000089081	17.68629628	6.956172438	11.29841676	11.27640741	5.729556691
ENSMUSG0000089082	12.02668147	12.52111039	9.886114669	11.27640741	13.60769714
ENSMUSG0000089083	0	0	0	0	0
ENSMUSG0000089084	9.904325918	3.478086219	7.767661525	6.443661377	3.580972932
ENSMUSG0000089085	10.61177777	10.43425866	10.59226572	4.832746033	5.729556691
ENSMUSG0000089087	12.73413332	5.56493795	6.35535943	5.638203705	6.445751277
ENSMUSG0000089088	9.904325918	4.173703463	7.767661525	7.249119049	9.310529622
ENSMUSG0000089090	8.489422215	7.651789682	12.71071886	4.832746033	3.580972932
ENSMUSG0000089091	9.196874066	9.738641413	9.886114669	4.02728836	7.161945863
ENSMUSG0000089092	8.489422215	6.956172438	11.29841676	8.054576721	11.45911338
ENSMUSG0000089093	1.414903703	3.478086219	1.412302096	9.665492065	4.297167518
ENSMUSG0000089094	4.952162959	7.651789682	7.061510478	9.665492065	3.580972932
ENSMUSG0000089095	6.367066661	3.478086219	7.061510478	5.638203705	5.013362104
ENSMUSG0000089096	10.61177777	11.82549314	13.41686991	7.249119049	6.445751277
ENSMUSG0000089097	11.31922962	6.260555194	9.886114669	7.249119049	6.445751277
ENSMUSG0000089098	10.61177777	9.738641413	9.886114669	7.249119049	11.45911338
ENSMUSG0000089102	137.2456591	189.2078903	192.779236	159.4806191	158.9951982

ENSMUSG0000089103	10.61177777	9.043024169	7.061510478	4.02728836	7.161945863
ENSMUSG0000089105	12.02668147	18.08604834	14.12302096	8.860034393	13.60769714
ENSMUSG0000089106	40.32475552	69.56172438	79.7950684	107.9313281	113.1587446
ENSMUSG0000089107	9.904325918	4.869320706	11.29841676	7.249119049	6.445751277
ENSMUSG0000089109	8.489422215	8.347406925	8.473812573	1.610915344	10.02672421
ENSMUSG0000089111	7.074518513	8.347406925	10.59226572	4.832746033	7.161945863
ENSMUSG0000089113	1.414903703	1.391234488	4.236906287	3.221830688	2.864778345
ENSMUSG0000089114	4.952162959	4.173703463	4.236906287	1.610915344	1.432389173
ENSMUSG0000089115	13.44158517	6.260555194	4.943057334	4.832746033	7.87814045
ENSMUSG0000089116	6.367066661	8.347406925	4.943057334	2.416373016	6.445751277
ENSMUSG0000089117	11.31922962	8.347406925	7.061510478	4.02728836	8.594335036
ENSMUSG0000089118	14.85648888	10.43425866	12.00456781	4.02728836	7.161945863
ENSMUSG0000089119	12.02668147	6.956172438	8.473812573	4.832746033	7.87814045
ENSMUSG0000089120	6.367066661	4.869320706	12.00456781	4.832746033	6.445751277
ENSMUSG0000089123	7.074518513	6.956172438	5.649208382	5.638203705	8.594335036
ENSMUSG0000089124	9.904325918	2.086851731	7.061510478	4.832746033	4.297167518
ENSMUSG0000089125	7.781970364	13.91234488	16.2414741	16.91461111	22.91822676
ENSMUSG0000089127	4.952162959	11.1298759	7.061510478	12.88732275	10.02672421
ENSMUSG0000089128	8.489422215	2.782468975	2.118453143	2.416373016	3.580972932
ENSMUSG0000089129	14.14903703	20.86851731	28.24604191	16.91461111	25.78300511
ENSMUSG0000089130	10.61177777	5.56493795	12.71071886	7.249119049	5.729556691
ENSMUSG0000089131	9.196874066	3.478086219	9.886114669	10.47094974	7.161945863
ENSMUSG0000089132	5.65961481	3.478086219	3.530755239	2.416373016	4.297167518
ENSMUSG0000089133	22.63845924	25.04222078	26.12758877	11.27640741	12.89150255
ENSMUSG0000089134	7.074518513	9.738641413	6.35535943	4.832746033	5.013362104
ENSMUSG0000089136	7.781970364	8.347406925	8.473812573	11.27640741	15.7562809
ENSMUSG0000089137	6.367066661	5.56493795	5.649208382	3.221830688	7.161945863
ENSMUSG0000089138	7.781970364	6.956172438	5.649208382	8.054576721	7.87814045
ENSMUSG0000089139	54.47379255	68.17048989	67.08434954	70.07481747	75.91662615
ENSMUSG0000089141	14.14903703	5.56493795	8.473812573	8.054576721	7.161945863
ENSMUSG0000089143	12.73413332	4.869320706	7.061510478	4.02728836	7.87814045
ENSMUSG0000089144	8.489422215	4.869320706	8.473812573	5.638203705	6.445751277
ENSMUSG0000089145	155.6394073	185.0341868	179.3623661	117.5968201	123.1854689
ENSMUSG0000089146	10.61177777	11.82549314	4.236906287	10.47094974	11.45911338
ENSMUSG0000089147	10.61177777	6.260555194	7.767661525	6.443661377	7.87814045
ENSMUSG0000089148	9.196874066	3.478086219	5.649208382	4.832746033	8.594335036
ENSMUSG0000089149	12.73413332	20.17290007	14.829172	9.665492065	7.161945863
ENSMUSG0000089151	10.61177777	15.30357936	14.829172	21.74735715	19.33725383
ENSMUSG0000089152	5.65961481	4.173703463	5.649208382	4.832746033	6.445751277
ENSMUSG0000089153	4.244711108	8.347406925	8.473812573	4.02728836	6.445751277
ENSMUSG0000089155	188.8896443	226.0756042	230.9113926	298.0193387	196.9535112
ENSMUSG0000089156	6.367066661	2.782468975	1.412302096	0.805457672	2.148583759
ENSMUSG0000089157	9.196874066	4.173703463	4.236906287	5.638203705	7.87814045

ENSMUSG0000089158	9.904325918	11.82549314	4.943057334	9.665492065	10.7429188
ENSMUSG0000089161	9.904325918	11.1298759	7.061510478	8.860034393	3.580972932
ENSMUSG0000089162	9.196874066	6.260555194	7.767661525	3.221830688	7.87814045
ENSMUSG0000089164	7.781970364	7.651789682	9.179963621	4.02728836	8.594335036
ENSMUSG0000089168	10.61177777	14.60796212	7.767661525	11.27640741	7.87814045
ENSMUSG0000089169	11.31922962	10.43425866	7.767661525	8.054576721	7.161945863
ENSMUSG0000089170	7.074518513	13.91234488	9.886114669	11.27640741	15.7562809
ENSMUSG0000089171	4.952162959	5.56493795	2.118453143	4.832746033	4.297167518
ENSMUSG0000089174	7.781970364	4.869320706	8.473812573	4.832746033	9.310529622
ENSMUSG0000089175	9.904325918	3.478086219	4.236906287	4.832746033	5.013362104
ENSMUSG0000089177	69.33028142	105.0382038	84.03197468	102.2931244	92.38910164
ENSMUSG0000089178	9.196874066	5.56493795	7.061510478	4.832746033	2.864778345
ENSMUSG0000089179	9.196874066	11.82549314	9.179963621	5.638203705	10.7429188
ENSMUSG0000089182	6.367066661	9.043024169	9.886114669	3.221830688	7.161945863
ENSMUSG0000089183	3.537259256	6.956172438	7.767661525	9.665492065	5.729556691
ENSMUSG0000089184	0	0	0	0	0
ENSMUSG0000089185	5.65961481	10.43425866	7.061510478	8.860034393	12.17530797
ENSMUSG0000089186	205.1610369	248.335356	244.3282625	158.6751614	148.2522794
ENSMUSG0000089187	7.781970364	9.738641413	5.649208382	4.02728836	6.445751277
ENSMUSG0000089188	150.6872443	233.7273939	203.3715018	290.7702196	273.586332
ENSMUSG0000089189	9.196874066	7.651789682	7.767661525	4.02728836	14.32389173
ENSMUSG0000089190	12.73413332	6.260555194	9.179963621	7.249119049	7.161945863
ENSMUSG0000089191	4.952162959	4.173703463	7.767661525	2.416373016	2.148583759
ENSMUSG0000089194	12.73413332	4.869320706	4.236906287	3.221830688	3.580972932
ENSMUSG0000089195	12.02668147	9.738641413	9.179963621	5.638203705	10.7429188
ENSMUSG0000089197	19.10119998	25.73783802	22.59683353	22.55281482	18.62105924
ENSMUSG0000089199	102.5805184	135.6453625	140.5240585	117.5968201	122.4692743
ENSMUSG0000089203	13.44158517	9.043024169	4.943057334	9.665492065	7.161945863
ENSMUSG0000089204	39.61730367	70.25734162	52.25517753	19.33098413	30.08017263
ENSMUSG0000089205	0	0	0	1.610915344	0
ENSMUSG0000089206	12.73413332	4.173703463	9.886114669	12.08186508	8.594335036
ENSMUSG0000089207	4.952162959	6.956172438	6.35535943	3.221830688	12.17530797
ENSMUSG0000089208	8.489422215	5.56493795	6.35535943	10.47094974	7.87814045
ENSMUSG0000089209	6.367066661	7.651789682	9.886114669	5.638203705	15.7562809
ENSMUSG0000089210	6.367066661	8.347406925	9.179963621	4.832746033	6.445751277
ENSMUSG0000089211	4.952162959	3.478086219	3.530755239	4.832746033	7.87814045
ENSMUSG0000089213	11.31922962	6.260555194	14.12302096	12.08186508	9.310529622
ENSMUSG0000089214	106.1177777	131.4716591	114.3964697	145.7878386	123.1854689
ENSMUSG0000089217	5.65961481	2.782468975	4.236906287	6.443661377	4.297167518
ENSMUSG0000089218	4.952162959	8.347406925	3.530755239	8.054576721	5.013362104
ENSMUSG0000089219	3.537259256	4.869320706	7.767661525	7.249119049	8.594335036
ENSMUSG0000089220	9.196874066	6.260555194	4.943057334	7.249119049	6.445751277
ENSMUSG0000089222	10.61177777	10.43425866	14.829172	10.47094974	15.04008631

ENSMUSG0000089223	10.61177777	4.173703463	10.59226572	4.832746033	7.161945863
ENSMUSG0000089224	127.3413332	178.7736317	177.243913	111.9586164	112.4425501
ENSMUSG0000089226	9.196874066	4.173703463	3.530755239	2.416373016	5.013362104
ENSMUSG0000089227	9.904325918	5.56493795	9.179963621	4.02728836	5.013362104
ENSMUSG0000089228	10.61177777	10.43425866	7.061510478	6.443661377	4.297167518
ENSMUSG0000089229	9.904325918	7.651789682	4.236906287	4.02728836	3.580972932
ENSMUSG0000089230	9.904325918	4.173703463	12.00456781	7.249119049	8.594335036
ENSMUSG0000089231	13.44158517	8.347406925	6.35535943	3.221830688	5.729556691
ENSMUSG0000089233	9.904325918	5.56493795	2.118453143	10.47094974	10.02672421
ENSMUSG0000089234	11.31922962	2.086851731	5.649208382	4.832746033	5.729556691
ENSMUSG0000089235	2.122355554	1.391234488	2.118453143	1.610915344	0.716194586
ENSMUSG0000089237	54.47379255	78.60474855	67.08434954	21.74735715	30.79636721
ENSMUSG0000089239	13.44158517	15.30357936	15.53532305	24.96918783	22.91822676
ENSMUSG0000089241	8.489422215	5.56493795	11.29841676	4.02728836	7.161945863
ENSMUSG0000089242	12.02668147	4.869320706	4.943057334	7.249119049	7.87814045
ENSMUSG0000089244	7.074518513	4.869320706	5.649208382	4.02728836	2.864778345
ENSMUSG0000089245	62.25576291	79.30036579	88.97503202	34.6346799	49.41742646
ENSMUSG0000089247	12.02668147	9.738641413	4.943057334	4.02728836	8.594335036
ENSMUSG0000089248	5.65961481	6.956172438	5.649208382	4.02728836	13.60769714
ENSMUSG0000089250	19.10119998	25.73783802	20.47838039	22.55281482	25.78300511
ENSMUSG0000089251	7.074518513	3.478086219	7.767661525	5.638203705	3.580972932
ENSMUSG0000089252	12.73413332	10.43425866	6.35535943	2.416373016	6.445751277
ENSMUSG0000089253	14.14903703	11.82549314	11.29841676	4.832746033	7.161945863
ENSMUSG0000089255	0	0	0	0	0
ENSMUSG0000089256	8.489422215	13.21672763	10.59226572	3.221830688	6.445751277
ENSMUSG0000089257	9.196874066	3.478086219	4.943057334	8.054576721	11.45911338
ENSMUSG0000089258	4.952162959	8.347406925	5.649208382	11.27640741	5.013362104
ENSMUSG0000089259	8.489422215	6.956172438	6.35535943	4.02728836	5.729556691
ENSMUSG0000089260	18.39374813	34.08524495	31.0706461	19.33098413	27.21539428
ENSMUSG0000089261	9.196874066	17.39043109	12.00456781	15.30369577	11.45911338
ENSMUSG0000089262	4.952162959	3.478086219	0.706151048	3.221830688	5.013362104
ENSMUSG0000089263	7.781970364	7.651789682	4.236906287	4.02728836	2.148583759
ENSMUSG0000089264	8.489422215	7.651789682	7.767661525	6.443661377	8.594335036
ENSMUSG0000089265	10.61177777	13.91234488	14.829172	19.33098413	18.62105924
ENSMUSG0000089266	7.781970364	5.56493795	7.767661525	4.832746033	4.297167518
ENSMUSG0000089267	19.80865184	23.65098629	23.30298458	21.74735715	34.37734014
ENSMUSG0000089268	12.02668147	6.956172438	9.179963621	7.249119049	4.297167518
ENSMUSG0000089269	6.367066661	9.738641413	7.767661525	2.416373016	7.87814045
ENSMUSG0000089270	9.904325918	9.043024169	8.473812573	5.638203705	7.161945863
ENSMUSG0000089271	7.781970364	7.651789682	7.061510478	5.638203705	7.87814045
ENSMUSG0000089272	4.952162959	3.478086219	10.59226572	4.832746033	6.445751277
ENSMUSG0000089273	9.196874066	3.478086219	5.649208382	4.832746033	8.594335036
ENSMUSG0000089274	2.829807405	6.260555194	10.59226572	5.638203705	6.445751277

ENSMUSG0000089275	7.781970364	4.869320706	5.649208382	8.860034393	8.594335036
ENSMUSG0000089276	6.367066661	11.1298759	8.473812573	6.443661377	9.310529622
ENSMUSG0000089277	6.367066661	7.651789682	7.767661525	4.02728836	1.432389173
ENSMUSG0000089278	10.61177777	11.1298759	11.29841676	7.249119049	9.310529622
ENSMUSG0000089279	0.707451851	0.695617244	0.706151048	0.805457672	0
ENSMUSG0000089280	7.781970364	7.651789682	10.59226572	4.832746033	7.161945863
ENSMUSG0000089281	26.1757185	22.95536904	24.00913562	18.52552646	16.47247549
ENSMUSG0000089282	7.074518513	6.260555194	4.236906287	3.221830688	5.013362104
ENSMUSG0000089284	4.244711108	2.086851731	2.118453143	3.221830688	2.864778345
ENSMUSG0000089285	11.31922962	9.738641413	6.35535943	1.610915344	12.17530797
ENSMUSG0000089286	12.73413332	6.260555194	9.179963621	4.832746033	6.445751277
ENSMUSG0000089287	8.489422215	7.651789682	9.179963621	5.638203705	2.864778345
ENSMUSG0000089288	12.73413332	5.56493795	8.473812573	1.610915344	6.445751277
ENSMUSG0000089289	7.074518513	8.347406925	12.00456781	12.08186508	8.594335036
ENSMUSG0000089290	123.804074	145.3840039	142.6425116	215.8626561	190.50776
ENSMUSG0000089291	5.65961481	11.1298759	10.59226572	8.860034393	5.729556691
ENSMUSG0000089292	36.78749627	73.0398106	57.90438592	22.55281482	52.2822048
ENSMUSG0000089293	5.65961481	10.43425866	8.473812573	7.249119049	4.297167518
ENSMUSG0000089294	0.707451851	0	0.706151048	0.805457672	0
ENSMUSG0000089296	34.66514071	50.7800588	37.42600553	37.85651059	35.80972932
ENSMUSG0000089297	8.489422215	6.260555194	6.35535943	3.221830688	5.013362104
ENSMUSG0000089298	185.352385	211.4676421	180.0685172	294.797508	234.1956297
ENSMUSG0000089299	39.61730367	63.99678643	65.67204744	33.02376456	37.24211849
ENSMUSG0000089301	6.367066661	5.56493795	11.29841676	9.665492065	7.161945863
ENSMUSG0000089302	7.781970364	5.56493795	6.35535943	8.054576721	6.445751277
ENSMUSG0000089304	12.02668147	5.56493795	6.35535943	7.249119049	6.445751277
ENSMUSG0000089305	7.074518513	7.651789682	5.649208382	2.416373016	7.87814045
ENSMUSG0000089306	14.14903703	9.043024169	7.767661525	10.47094974	7.161945863
ENSMUSG0000089307	9.196874066	6.956172438	9.179963621	7.249119049	5.729556691
ENSMUSG0000089308	7.781970364	11.1298759	9.179963621	11.27640741	9.310529622
ENSMUSG0000089309	9.904325918	9.043024169	9.179963621	5.638203705	9.310529622
ENSMUSG0000089310	12.73413332	4.869320706	8.473812573	5.638203705	9.310529622
ENSMUSG0000089311	12.73413332	2.782468975	4.236906287	4.02728836	5.013362104
ENSMUSG0000089312	3.537259256	3.478086219	4.943057334	4.02728836	9.310529622
ENSMUSG0000089313	112.4848444	153.0357936	146.1732669	227.1390635	190.50776
ENSMUSG0000089314	7.074518513	5.56493795	10.59226572	5.638203705	8.594335036
ENSMUSG0000089316	9.904325918	8.347406925	4.943057334	5.638203705	7.87814045
ENSMUSG0000089317	6.367066661	5.56493795	5.649208382	1.610915344	4.297167518
ENSMUSG0000089318	12.73413332	12.52111039	8.473812573	4.02728836	8.594335036
ENSMUSG0000089320	11.31922962	7.651789682	7.061510478	7.249119049	3.580972932
ENSMUSG0000089321	1.414903703	2.086851731	2.118453143	1.610915344	1.432389173
ENSMUSG0000089322	9.196874066	6.260555194	4.943057334	2.416373016	7.161945863
ENSMUSG0000089323	10.61177777	11.1298759	7.061510478	4.02728836	5.013362104



ENSMUSG00000089324	88.43148141	102.2557348	117.2210739	70.88027514	73.76804239
ENSMUSG00000089326	9.196874066	3.478086219	10.59226572	3.221830688	4.297167518
ENSMUSG00000089327	7.074518513	5.56493795	8.473812573	5.638203705	7.87814045
ENSMUSG00000089331	9.196874066	6.956172438	9.179963621	6.443661377	5.729556691
ENSMUSG00000089333	6.367066661	5.56493795	4.943057334	8.054576721	7.87814045
ENSMUSG00000089334	12.02668147	6.956172438	9.179963621	4.02728836	8.594335036
ENSMUSG00000089335	9.904325918	5.56493795	7.061510478	11.27640741	7.87814045
ENSMUSG00000089336	28.29807405	44.5195036	29.65834401	42.68925662	49.41742646
ENSMUSG00000089337	21.93100739	52.86691053	45.8998181	17.72006879	22.20203218
ENSMUSG00000089338	6.367066661	9.738641413	7.767661525	5.638203705	5.013362104
ENSMUSG00000089341	9.196874066	9.043024169	7.061510478	2.416373016	6.445751277
ENSMUSG00000089342	8.489422215	4.869320706	2.118453143	0.805457672	3.580972932
ENSMUSG00000089343	9.196874066	18.08604834	17.65377619	5.638203705	5.729556691
ENSMUSG00000089344	8.489422215	6.260555194	6.35535943	5.638203705	7.87814045
ENSMUSG00000089345	8.489422215	9.043024169	9.179963621	4.832746033	6.445751277
ENSMUSG00000089346	7.074518513	9.738641413	14.829172	12.08186508	12.17530797
ENSMUSG00000089348	9.904325918	6.956172438	4.236906287	6.443661377	3.580972932
ENSMUSG00000089349	8.489422215	5.56493795	9.179963621	6.443661377	7.161945863
ENSMUSG00000089350	11.31922962	6.956172438	4.943057334	5.638203705	6.445751277
ENSMUSG00000089351	4.952162959	4.173703463	7.767661525	5.638203705	7.87814045
ENSMUSG00000089352	9.196874066	6.260555194	9.886114669	4.02728836	6.445751277
ENSMUSG00000089353	9.904325918	1.391234488	7.061510478	4.832746033	5.013362104
ENSMUSG00000089357	3.537259256	2.086851731	3.530755239	1.610915344	5.013362104
ENSMUSG00000089358	8.489422215	9.043024169	10.59226572	9.665492065	2.864778345
ENSMUSG00000089359	12.02668147	7.651789682	10.59226572	7.249119049	7.161945863
ENSMUSG00000089363	7.074518513	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG00000089364	9.196874066	8.347406925	8.473812573	4.02728836	6.445751277
ENSMUSG00000089365	7.074518513	11.82549314	9.179963621	7.249119049	10.7429188
ENSMUSG00000089366	13.44158517	5.56493795	7.767661525	4.832746033	7.161945863
ENSMUSG00000089369	40.32475552	58.43184848	60.02283906	29.80193387	45.83645353
ENSMUSG00000089370	16.27139258	5.56493795	6.35535943	2.416373016	4.297167518
ENSMUSG00000089371	63.67066661	114.7768452	93.91808935	254.5246244	183.3458141
ENSMUSG00000089372	4.244711108	5.56493795	5.649208382	3.221830688	2.864778345
ENSMUSG00000089373	7.781970364	7.651789682	12.71071886	7.249119049	7.161945863
ENSMUSG00000089375	2.122355554	0.695617244	2.118453143	3.221830688	0.716194586
ENSMUSG00000089376	21.93100739	35.47647943	26.83373982	15.30369577	19.33725383
ENSMUSG00000089377	8.489422215	9.043024169	8.473812573	4.832746033	5.729556691
ENSMUSG00000089380	10.61177777	6.260555194	7.767661525	4.02728836	7.87814045
ENSMUSG00000089381	4.244711108	6.956172438	2.824604191	8.860034393	7.161945863
ENSMUSG00000089382	7.074518513	2.086851731	2.824604191	0.805457672	3.580972932
ENSMUSG00000089383	3.537259256	8.347406925	5.649208382	6.443661377	4.297167518
ENSMUSG00000089384	12.73413332	10.43425866	8.473812573	4.02728836	8.594335036
ENSMUSG00000089385	9.196874066	6.260555194	3.530755239	4.02728836	6.445751277

ENSMUSG00000089387	10.61177777	11.1298759	9.886114669	9.665492065	5.729556691
ENSMUSG00000089389	23.34591109	20.17290007	20.47838039	20.1364418	21.48583759
ENSMUSG00000089390	7.074518513	6.956172438	6.35535943	6.443661377	5.013362104
ENSMUSG00000089391	5.65961481	5.56493795	6.35535943	8.054576721	11.45911338
ENSMUSG00000089392	11.31922962	6.260555194	7.061510478	6.443661377	7.87814045
ENSMUSG00000089393	7.074518513	5.56493795	8.473812573	6.443661377	6.445751277
ENSMUSG00000089394	8.489422215	4.173703463	10.59226572	4.832746033	8.594335036
ENSMUSG00000089395	8.489422215	6.956172438	7.767661525	6.443661377	5.013362104
ENSMUSG00000089396	5.65961481	3.478086219	2.118453143	8.054576721	7.161945863
ENSMUSG00000089397	4.952162959	11.1298759	11.29841676	7.249119049	12.89150255
ENSMUSG00000089398	5.65961481	2.782468975	3.530755239	3.221830688	2.148583759
ENSMUSG00000089399	9.904325918	8.347406925	5.649208382	5.638203705	4.297167518
ENSMUSG00000089401	7.074518513	7.651789682	9.179963621	4.832746033	7.87814045
ENSMUSG00000089404	7.074518513	4.173703463	9.179963621	8.054576721	10.7429188
ENSMUSG00000089405	38.20239997	60.51870021	57.90438592	50.74383334	70.18706946
ENSMUSG00000089406	8.489422215	6.956172438	6.35535943	4.832746033	10.02672421
ENSMUSG00000089407	19.10119998	22.2597518	18.35992724	16.91461111	15.04008631
ENSMUSG00000089408	10.61177777	9.738641413	9.179963621	9.665492065	2.864778345
ENSMUSG00000089409	12.02668147	5.56493795	4.943057334	5.638203705	8.594335036
ENSMUSG00000089410	7.781970364	7.651789682	6.35535943	6.443661377	7.87814045
ENSMUSG00000089413	7.074518513	15.30357936	13.41686991	12.88732275	7.161945863
ENSMUSG00000089414	6.367066661	6.260555194	7.767661525	0.805457672	7.161945863
ENSMUSG00000089415	4.244711108	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000089416	10.61177777	6.956172438	7.061510478	4.02728836	5.013362104
ENSMUSG00000089417	21.93100739	34.78086219	24.00913562	29.80193387	25.06681052
ENSMUSG00000089418	10.61177777	4.869320706	9.179963621	5.638203705	10.02672421
ENSMUSG00000089420	36.78749627	83.47406925	67.08434954	33.02376456	38.67450766
ENSMUSG00000089422	11.31922962	12.52111039	9.179963621	5.638203705	8.594335036
ENSMUSG00000089423	4.952162959	2.782468975	3.530755239	2.416373016	2.148583759
ENSMUSG00000089424	45.27691848	54.25814501	48.7244223	78.93485187	58.01176149
ENSMUSG00000089425	11.31922962	5.56493795	4.943057334	5.638203705	4.297167518
ENSMUSG00000089427	6.367066661	8.347406925	5.649208382	7.249119049	10.02672421
ENSMUSG00000089429	97.62835547	134.254128	121.4579802	208.6135371	169.0219224
ENSMUSG00000089431	9.196874066	6.260555194	6.35535943	4.02728836	10.7429188
ENSMUSG00000089432	36.08004441	50.08444155	52.25517753	44.30017197	42.25548059
ENSMUSG00000089434	4.952162959	3.478086219	4.943057334	1.610915344	4.297167518
ENSMUSG00000089436	6.367066661	6.956172438	9.179963621	4.832746033	7.161945863
ENSMUSG00000089437	4.244711108	4.173703463	3.530755239	7.249119049	1.432389173
ENSMUSG00000089438	5.65961481	9.043024169	8.473812573	7.249119049	12.17530797
ENSMUSG00000089439	8.489422215	6.260555194	9.179963621	7.249119049	3.580972932
ENSMUSG00000089441	7.074518513	6.956172438	8.473812573	3.221830688	7.87814045
ENSMUSG00000089442	7.074518513	7.651789682	7.767661525	4.832746033	5.729556691
ENSMUSG00000089443	6.367066661	2.782468975	4.943057334	0.805457672	5.013362104

ENSMUSG00000089444	9.196874066	7.651789682	7.061510478	4.832746033	5.729556691
ENSMUSG00000089445	9.904325918	4.173703463	10.59226572	4.02728836	6.445751277
ENSMUSG00000089446	8.489422215	3.478086219	4.943057334	8.054576721	11.45911338
ENSMUSG00000089447	10.61177777	9.043024169	7.061510478	8.860034393	7.161945863
ENSMUSG00000089450	14.14903703	12.52111039	4.236906287	6.443661377	8.594335036
ENSMUSG00000089451	8.489422215	6.956172438	6.35535943	9.665492065	9.310529622
ENSMUSG00000089452	9.904325918	5.56493795	5.649208382	6.443661377	7.161945863
ENSMUSG00000089453	7.074518513	9.738641413	11.29841676	8.860034393	8.594335036
ENSMUSG00000089454	9.904325918	11.82549314	7.061510478	9.665492065	5.729556691
ENSMUSG00000089455	7.074518513	6.260555194	8.473812573	4.832746033	5.013362104
ENSMUSG00000089458	10.61177777	6.260555194	7.767661525	2.416373016	8.594335036
ENSMUSG00000089459	4.244711108	2.782468975	2.824604191	2.416373016	2.864778345
ENSMUSG00000089460	6.367066661	4.869320706	4.943057334	3.221830688	2.864778345
ENSMUSG00000089461	4.244711108	6.956172438	7.061510478	3.221830688	5.729556691
ENSMUSG00000089462	5.65961481	5.56493795	4.943057334	4.02728836	7.161945863
ENSMUSG00000089464	9.196874066	3.478086219	5.649208382	5.638203705	6.445751277
ENSMUSG00000089465	11.31922962	3.478086219	4.943057334	9.665492065	0.716194586
ENSMUSG00000089467	8.489422215	6.260555194	14.12302096	5.638203705	6.445751277
ENSMUSG00000089468	2.122355554	4.869320706	2.118453143	4.832746033	5.013362104
ENSMUSG00000089469	7.781970364	6.260555194	4.236906287	3.221830688	6.445751277
ENSMUSG00000089470	5.65961481	1.391234488	4.943057334	2.416373016	2.864778345
ENSMUSG00000089471	3.537259256	3.478086219	0.706151048	1.610915344	2.864778345
ENSMUSG00000089472	7.074518513	8.347406925	8.473812573	6.443661377	8.594335036
ENSMUSG00000089473	15.56394073	25.04222078	24.00913562	21.74735715	20.769643
ENSMUSG00000089475	149.9797925	178.7736317	157.4716837	248.080963	172.6028953
ENSMUSG00000089476	52.35143699	73.0398106	72.73355792	134.5114312	108.8615771
ENSMUSG00000089477	7.781970364	9.738641413	7.061510478	4.832746033	7.87814045
ENSMUSG00000089479	2.829807405	9.738641413	7.767661525	7.249119049	5.013362104
ENSMUSG00000089480	4.952162959	9.043024169	8.473812573	1.610915344	5.729556691
ENSMUSG00000089481	13.44158517	5.56493795	9.886114669	4.02728836	7.87814045
ENSMUSG00000089482	41.03220737	66.08363816	48.01827125	112.7640741	110.2939663
ENSMUSG00000089484	8.489422215	6.956172438	9.886114669	3.221830688	7.87814045
ENSMUSG00000089485	14.14903703	13.21672763	10.59226572	10.47094974	9.310529622
ENSMUSG00000089486	11.31922962	4.869320706	7.767661525	4.02728836	9.310529622
ENSMUSG00000089487	10.61177777	5.56493795	10.59226572	4.02728836	8.594335036
ENSMUSG00000089488	2.829807405	8.347406925	9.886114669	5.638203705	10.02672421
ENSMUSG00000089489	6.367066661	4.869320706	5.649208382	5.638203705	6.445751277
ENSMUSG00000089490	11.31922962	11.1298759	4.943057334	3.221830688	5.729556691
ENSMUSG00000089491	41.73965922	60.51870021	64.25974535	96.65492065	83.07857202
ENSMUSG00000089493	171.9107999	228.162456	193.4853871	163.5079074	157.562809
ENSMUSG00000089497	9.904325918	11.82549314	12.00456781	9.665492065	7.87814045
ENSMUSG00000089498	29.71297775	72.34419335	55.07978173	38.66196826	43.68786977
ENSMUSG00000089499	10.61177777	11.82549314	7.061510478	6.443661377	7.87814045

ENSMUSG00000089501	34.66514071	66.7792554	60.72899011	35.44013757	42.25548059
ENSMUSG00000089504	116.7295555	166.9481385	156.0593816	123.2350238	125.3340526
ENSMUSG00000089506	7.074518513	6.956172438	6.35535943	4.02728836	11.45911338
ENSMUSG00000089507	9.904325918	6.956172438	7.767661525	4.832746033	5.729556691
ENSMUSG00000089508	7.781970364	9.043024169	4.943057334	4.02728836	10.02672421
ENSMUSG00000089509	2.122355554	0.695617244	2.118453143	0.805457672	1.432389173
ENSMUSG00000089510	6.367066661	4.869320706	7.061510478	3.221830688	4.297167518
ENSMUSG00000089512	0.707451851	3.478086219	2.824604191	12.88732275	7.161945863
ENSMUSG00000089513	9.196874066	11.82549314	14.12302096	4.832746033	9.310529622
ENSMUSG00000089514	9.904325918	6.956172438	4.236906287	7.249119049	6.445751277
ENSMUSG00000089516	5.65961481	5.56493795	5.649208382	4.02728836	6.445751277
ENSMUSG00000089517	0	0	0	0	0
ENSMUSG00000089520	10.61177777	7.651789682	10.59226572	5.638203705	4.297167518
ENSMUSG00000089522	7.781970364	3.478086219	5.649208382	10.47094974	5.013362104
ENSMUSG00000089524	4.952162959	11.82549314	3.530755239	3.221830688	12.17530797
ENSMUSG00000089525	9.904325918	9.738641413	7.767661525	12.88732275	21.48583759
ENSMUSG00000089528	10.61177777	6.956172438	8.473812573	11.27640741	7.87814045
ENSMUSG00000089529	5.65961481	9.738641413	9.179963621	7.249119049	7.87814045
ENSMUSG00000089530	13.44158517	13.21672763	5.649208382	2.416373016	3.580972932
ENSMUSG00000089531	11.31922962	6.260555194	10.59226572	9.665492065	8.594335036
ENSMUSG00000089533	5.65961481	6.260555194	3.530755239	5.638203705	3.580972932
ENSMUSG00000089534	6.367066661	4.869320706	6.35535943	2.416373016	7.161945863
ENSMUSG00000089536	14.14903703	16.69481385	20.47838039	12.08186508	12.17530797
ENSMUSG00000089538	10.61177777	9.043024169	5.649208382	5.638203705	7.87814045
ENSMUSG00000089539	7.074518513	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000089541	10.61177777	6.260555194	7.767661525	8.054576721	8.594335036
ENSMUSG00000089542	0	0	0	0	0
ENSMUSG00000089543	4.952162959	6.260555194	3.530755239	3.221830688	7.161945863
ENSMUSG00000089544	7.074518513	8.347406925	4.943057334	8.860034393	5.729556691
ENSMUSG00000089545	12.73413332	8.347406925	8.473812573	6.443661377	6.445751277
ENSMUSG00000089546	9.196874066	5.56493795	7.061510478	5.638203705	7.161945863
ENSMUSG00000089548	11.31922962	6.260555194	9.886114669	8.860034393	6.445751277
ENSMUSG00000089549	10.61177777	11.1298759	9.179963621	2.416373016	5.729556691
ENSMUSG00000089550	13.44158517	6.956172438	10.59226572	4.832746033	6.445751277
ENSMUSG00000089551	9.904325918	8.347406925	12.00456781	9.665492065	10.02672421
ENSMUSG00000089552	12.73413332	9.043024169	7.767661525	3.221830688	7.87814045
ENSMUSG00000089553	14.85648888	7.651789682	10.59226572	1.610915344	9.310529622
ENSMUSG00000089555	13.44158517	24.34660353	21.18453143	15.30369577	13.60769714
ENSMUSG00000089556	12.73413332	5.56493795	8.473812573	7.249119049	11.45911338
ENSMUSG00000089558	8.489422215	7.651789682	6.35535943	5.638203705	6.445751277
ENSMUSG00000089560	5.65961481	6.956172438	7.767661525	9.665492065	10.02672421
ENSMUSG00000089561	8.489422215	6.956172438	7.767661525	6.443661377	6.445751277
ENSMUSG00000089562	10.61177777	8.347406925	8.473812573	8.054576721	2.864778345

ENSMUSG00000089563	5.65961481	7.651789682	7.767661525	4.832746033	5.729556691
ENSMUSG00000089564	9.196874066	6.260555194	8.473812573	7.249119049	7.87814045
ENSMUSG00000089570	0	0	0	0	0
ENSMUSG00000089571	2.829807405	5.56493795	3.530755239	17.72006879	12.17530797
ENSMUSG00000089575	11.31922962	6.956172438	8.473812573	4.832746033	7.87814045
ENSMUSG00000089576	7.074518513	9.738641413	6.35535943	11.27640741	7.161945863
ENSMUSG00000089578	7.781970364	5.56493795	12.00456781	6.443661377	7.161945863
ENSMUSG00000089580	9.196874066	9.043024169	5.649208382	5.638203705	2.148583759
ENSMUSG00000089581	11.31922962	13.91234488	12.71071886	12.88732275	17.18867007
ENSMUSG00000089583	9.904325918	8.347406925	7.767661525	4.832746033	9.310529622
ENSMUSG00000089584	7.781970364	9.043024169	3.530755239	4.832746033	3.580972932
ENSMUSG00000089585	9.904325918	6.260555194	6.35535943	9.665492065	6.445751277
ENSMUSG00000089586	9.196874066	9.043024169	12.00456781	8.860034393	10.7429188
ENSMUSG00000089587	13.44158517	5.56493795	4.236906287	7.249119049	3.580972932
ENSMUSG00000089588	12.02668147	20.86851731	28.95219296	12.88732275	19.33725383
ENSMUSG00000089589	10.61177777	7.651789682	7.767661525	8.054576721	11.45911338
ENSMUSG00000089590	3.537259256	12.52111039	6.35535943	11.27640741	4.297167518
ENSMUSG00000089591	7.074518513	5.56493795	8.473812573	7.249119049	12.17530797
ENSMUSG00000089593	7.074518513	6.956172438	12.71071886	4.02728836	10.02672421
ENSMUSG00000089596	7.074518513	8.347406925	4.943057334	6.443661377	8.594335036
ENSMUSG00000089597	17.68629628	16.69481385	16.94762515	21.74735715	22.20203218
ENSMUSG00000089598	11.31922962	20.86851731	22.59683353	39.46742593	31.5125618
ENSMUSG00000089599	8.489422215	11.1298759	9.886114669	8.860034393	15.04008631
ENSMUSG00000089601	14.14903703	4.869320706	5.649208382	4.832746033	9.310529622
ENSMUSG00000089603	10.61177777	5.56493795	4.236906287	2.416373016	4.297167518
ENSMUSG00000089605	5.65961481	5.56493795	10.59226572	6.443661377	7.161945863
ENSMUSG00000089606	12.02668147	10.43425866	6.35535943	7.249119049	5.729556691
ENSMUSG00000089607	9.904325918	2.086851731	2.824604191	5.638203705	6.445751277
ENSMUSG00000089608	9.904325918	11.82549314	7.061510478	10.47094974	8.594335036
ENSMUSG00000089609	11.31922962	7.651789682	13.41686991	7.249119049	3.580972932
ENSMUSG00000089610	7.781970364	6.956172438	3.530755239	4.02728836	5.729556691
ENSMUSG00000089612	7.781970364	6.956172438	6.35535943	9.665492065	7.161945863
ENSMUSG00000089613	9.196874066	21.56413456	18.35992724	14.4982381	19.33725383
ENSMUSG00000089614	3.537259256	6.956172438	4.943057334	4.832746033	5.013362104
ENSMUSG00000089615	11.31922962	10.43425866	6.35535943	8.860034393	5.013362104
ENSMUSG00000089616	9.196874066	6.260555194	7.061510478	2.416373016	9.310529622
ENSMUSG00000089617	0	0.695617244	1.412302096	0	0.716194586
ENSMUSG00000089618	4.952162959	9.738641413	4.943057334	9.665492065	10.02672421
ENSMUSG00000089619	6.367066661	9.043024169	6.35535943	6.443661377	7.87814045
ENSMUSG00000089621	7.074518513	14.60796212	9.886114669	6.443661377	10.7429188
ENSMUSG00000089622	38.90985182	52.86691053	43.07521391	21.74735715	30.79636721
ENSMUSG00000089624	12.02668147	24.34660353	16.2414741	26.58010318	19.33725383
ENSMUSG00000089625	0	0	0	0	0

ENSMUSG00000089627	9.904325918	4.173703463	5.649208382	7.249119049	6.445751277
ENSMUSG00000089628	9.196874066	9.043024169	7.061510478	9.665492065	12.89150255
ENSMUSG00000089630	8.489422215	4.173703463	4.236906287	4.832746033	6.445751277
ENSMUSG00000089631	9.196874066	27.82468975	11.29841676	35.44013757	21.48583759
ENSMUSG00000089633	5.65961481	7.651789682	7.767661525	4.02728836	7.161945863
ENSMUSG00000089634	6.367066661	6.260555194	7.061510478	11.27640741	7.87814045
ENSMUSG00000089635	5.65961481	5.56493795	6.35535943	8.860034393	8.594335036
ENSMUSG00000089636	11.31922962	18.78166558	16.2414741	16.10915344	21.48583759
ENSMUSG00000089639	9.196874066	9.738641413	11.29841676	7.249119049	10.7429188
ENSMUSG00000089640	25.46826665	41.73703463	31.0706461	47.52200265	41.53928601
ENSMUSG00000089642	11.31922962	4.869320706	6.35535943	1.610915344	5.013362104
ENSMUSG00000089643	7.781970364	20.17290007	10.59226572	12.88732275	9.310529622
ENSMUSG00000089645	13.44158517	6.260555194	9.886114669	7.249119049	3.580972932
ENSMUSG00000089646	12.02668147	6.956172438	6.35535943	4.02728836	6.445751277
ENSMUSG00000089647	7.074518513	9.043024169	6.35535943	8.860034393	14.32389173
ENSMUSG00000089648	4.952162959	4.173703463	6.35535943	5.638203705	7.161945863
ENSMUSG00000089651	13.44158517	20.17290007	19.06607829	15.30369577	17.90486466
ENSMUSG00000089652	46.69182218	50.08444155	38.13215658	74.9075635	47.98503729
ENSMUSG00000089653	6.367066661	4.869320706	9.886114669	4.832746033	5.729556691
ENSMUSG00000089654	15.56394073	5.56493795	8.473812573	3.221830688	5.729556691
ENSMUSG00000089655	7.781970364	6.956172438	9.179963621	4.832746033	10.02672421
ENSMUSG00000089656	9.196874066	9.738641413	7.061510478	6.443661377	7.87814045
ENSMUSG00000089657	183.2300295	212.8588766	204.0776528	254.5246244	237.7766027
ENSMUSG00000089659	5.65961481	5.56493795	7.061510478	4.832746033	5.729556691
ENSMUSG00000089662	9.196874066	8.347406925	9.886114669	10.47094974	5.013362104
ENSMUSG00000089663	7.781970364	6.956172438	7.767661525	4.02728836	6.445751277
ENSMUSG00000089664	9.196874066	5.56493795	8.473812573	4.02728836	6.445751277
ENSMUSG00000089665	8.489422215	18.78166558	21.18453143	4.02728836	10.02672421
ENSMUSG00000089666	6.367066661	7.651789682	5.649208382	5.638203705	5.729556691
ENSMUSG00000089667	6.367066661	5.56493795	7.767661525	8.054576721	10.02672421
ENSMUSG00000089670	14.14903703	11.82549314	9.179963621	6.443661377	10.02672421
ENSMUSG00000089671	9.196874066	8.347406925	9.179963621	24.16373016	20.769643
ENSMUSG00000089673	14.14903703	18.78166558	25.42143772	18.52552646	20.769643
ENSMUSG00000089679	12.73413332	18.78166558	16.2414741	14.4982381	13.60769714
ENSMUSG00000089680	108.2401332	118.2549314	125.6948865	105.514955	103.1320204
ENSMUSG00000089683	14.14903703	17.39043109	22.59683353	41.07834128	40.82309142
ENSMUSG00000089684	11.31922962	4.173703463	5.649208382	7.249119049	8.594335036
ENSMUSG00000089685	11.31922962	11.1298759	4.236906287	3.221830688	7.161945863
ENSMUSG00000089686	13.44158517	7.651789682	12.00456781	4.832746033	5.013362104
ENSMUSG00000089688	100.4581629	156.5138799	105.2165061	80.54576721	72.33565322
ENSMUSG00000089689	7.074518513	5.56493795	11.29841676	4.832746033	7.161945863
ENSMUSG00000089690	9.196874066	4.173703463	7.767661525	7.249119049	3.580972932
ENSMUSG00000089695	12.02668147	13.21672763	17.65377619	16.10915344	10.7429188

ENSMUSG00000089697	9.904325918	4.173703463	8.473812573	5.638203705	6.445751277
ENSMUSG00000089698	6.367066661	6.956172438	4.943057334	4.832746033	5.013362104
ENSMUSG00000089699	6.367066661	10.43425866	7.061510478	6.443661377	9.310529622
ENSMUSG00000089700	5.65961481	9.043024169	5.649208382	8.860034393	5.729556691
ENSMUSG00000089701	20.51610369	30.60715873	34.60140134	16.10915344	20.769643
ENSMUSG00000089702	7.074518513	15.99919661	13.41686991	24.16373016	17.90486466
ENSMUSG00000089703	6.367066661	6.956172438	7.061510478	7.249119049	12.17530797
ENSMUSG00000089705	7.781970364	10.43425866	7.767661525	8.860034393	6.445751277
ENSMUSG00000089706	8.489422215	6.260555194	7.767661525	4.832746033	4.297167518
ENSMUSG00000089707	16.27139258	19.47728283	14.12302096	5.638203705	10.7429188
ENSMUSG00000089708	9.904325918	4.869320706	8.473812573	6.443661377	9.310529622
ENSMUSG00000089709	12.02668147	9.738641413	12.71071886	5.638203705	10.7429188
ENSMUSG00000089710	12.73413332	6.260555194	6.35535943	6.443661377	8.594335036
ENSMUSG00000089711	9.904325918	4.869320706	5.649208382	8.054576721	5.729556691
ENSMUSG00000089712	11.31922962	26.43345526	18.35992724	16.91461111	18.62105924
ENSMUSG00000089713	8.489422215	5.56493795	4.943057334	5.638203705	9.310529622
ENSMUSG00000089714	57.30359995	54.25814501	48.01827125	72.49119049	54.43078856
ENSMUSG00000089716	16.97884443	17.39043109	8.473812573	20.94189947	11.45911338
ENSMUSG00000089717	6.367066661	5.56493795	12.00456781	9.665492065	7.161945863
ENSMUSG00000089718	14.85648888	11.1298759	10.59226572	3.221830688	5.013362104
ENSMUSG00000089719	12.02668147	11.82549314	11.29841676	4.832746033	9.310529622
ENSMUSG00000089720	9.904325918	6.260555194	6.35535943	4.02728836	7.161945863
ENSMUSG00000089723	9.904325918	11.82549314	6.35535943	3.221830688	10.02672421
ENSMUSG00000089726	0.707451851	5.56493795	7.061510478	37.05105292	35.80972932
ENSMUSG00000089728	7.074518513	14.60796212	12.71071886	8.054576721	7.87814045
ENSMUSG00000089729	68.62282957	114.7768452	100.2734488	59.60386773	60.16034525
ENSMUSG00000089730	7.781970364	7.651789682	7.061510478	4.02728836	9.310529622
ENSMUSG00000089731	9.196874066	3.478086219	7.767661525	5.638203705	2.864778345
ENSMUSG00000089732	11.31922962	7.651789682	4.943057334	0.805457672	2.148583759
ENSMUSG00000089733	24.76081479	24.34660353	27.53989086	12.08186508	25.78300511
ENSMUSG00000089734	10.61177777	5.56493795	9.179963621	3.221830688	4.297167518
ENSMUSG00000089735	12.73413332	17.39043109	12.71071886	7.249119049	15.7562809
ENSMUSG00000089737	9.904325918	4.869320706	9.179963621	5.638203705	7.161945863
ENSMUSG00000089739	3.537259256	2.086851731	3.530755239	4.02728836	2.148583759
ENSMUSG00000089742	97.62835547	118.2549314	132.0502459	105.514955	76.63282074
ENSMUSG00000089743	1.414903703	0.695617244	1.412302096	0.805457672	1.432389173
ENSMUSG00000089744	101.1656147	130.0804246	115.8087718	49.93837567	72.33565322
ENSMUSG00000089745	19.10119998	20.86851731	24.00913562	12.88732275	17.18867007
ENSMUSG00000089746	7.781970364	7.651789682	4.236906287	4.02728836	7.161945863
ENSMUSG00000089748	10.61177777	7.651789682	9.886114669	6.443661377	8.594335036
ENSMUSG00000089749	2.122355554	2.086851731	4.236906287	0.805457672	2.148583759
ENSMUSG00000089751	6.367066661	9.043024169	12.00456781	4.832746033	5.013362104
ENSMUSG00000089753	7.074518513	6.956172438	6.35535943	8.860034393	10.7429188

ENSMUSG00000089754	8.489422215	6.956172438	8.473812573	8.860034393	5.729556691
ENSMUSG00000089755	14.14903703	13.21672763	21.18453143	6.443661377	13.60769714
ENSMUSG00000089757	26.88317035	38.95456565	57.90438592	23.35827249	32.22875639
ENSMUSG00000089759	4.952162959	2.086851731	4.943057334	5.638203705	3.580972932
ENSMUSG00000089760	6.367066661	7.651789682	7.767661525	8.054576721	8.594335036
ENSMUSG00000089761	10.61177777	4.869320706	5.649208382	9.665492065	5.729556691
ENSMUSG00000089763	22.63845924	20.86851731	24.71528667	13.69278043	22.20203218
ENSMUSG00000089764	30.4204296	57.04061399	42.36906287	58.79841006	50.13362104
ENSMUSG00000089766	44.56946663	66.7792554	70.61510478	71.68573282	80.21379367
ENSMUSG00000089767	8.489422215	4.869320706	6.35535943	8.860034393	9.310529622
ENSMUSG00000089769	6.367066661	8.347406925	6.35535943	4.832746033	8.594335036
ENSMUSG00000089771	5.65961481	6.260555194	5.649208382	5.638203705	7.161945863
ENSMUSG00000089775	0.707451851	1.391234488	1.412302096	0	1.432389173
ENSMUSG00000089776	6.367066661	13.91234488	3.530755239	9.665492065	8.594335036
ENSMUSG00000089779	12.73413332	6.260555194	5.649208382	7.249119049	6.445751277
ENSMUSG00000089780	9.904325918	8.347406925	10.59226572	4.832746033	5.013362104
ENSMUSG00000089781	11.31922962	6.956172438	9.179963621	8.054576721	12.17530797
ENSMUSG00000089782	9.196874066	8.347406925	9.886114669	13.69278043	11.45911338
ENSMUSG00000089785	14.14903703	8.347406925	5.649208382	4.832746033	1.432389173
ENSMUSG00000089787	11.31922962	7.651789682	8.473812573	4.832746033	12.89150255
ENSMUSG00000089788	32.54278516	66.08363816	55.78593277	78.93485187	71.61945863
ENSMUSG00000089790	7.781970364	8.347406925	6.35535943	5.638203705	8.594335036
ENSMUSG00000089791	9.904325918	7.651789682	12.00456781	8.860034393	10.02672421
ENSMUSG00000089792	8.489422215	11.1298759	7.767661525	4.02728836	5.729556691
ENSMUSG00000089793	10.61177777	6.956172438	4.943057334	6.443661377	5.729556691
ENSMUSG00000089794	82.7718666	165.556904	173.7131578	74.9075635	105.9967988
ENSMUSG00000089795	11.31922962	6.260555194	4.943057334	2.416373016	7.161945863
ENSMUSG00000089796	50.93653329	87.64777272	80.50121945	45.91108731	53.71459398
ENSMUSG00000089797	12.73413332	6.956172438	2.824604191	8.860034393	7.161945863
ENSMUSG00000089800	9.196874066	9.043024169	5.649208382	1.610915344	7.161945863
ENSMUSG00000089802	2.829807405	5.56493795	9.179963621	6.443661377	6.445751277
ENSMUSG00000089803	7.781970364	18.78166558	11.29841676	9.665492065	11.45911338
ENSMUSG00000089804	10.61177777	8.347406925	7.767661525	4.832746033	6.445751277
ENSMUSG00000089806	19.80865184	35.47647943	34.60140134	44.30017197	45.12025894
ENSMUSG00000089807	7.074518513	8.347406925	7.767661525	4.832746033	5.013362104
ENSMUSG00000089808	8.489422215	6.956172438	11.29841676	9.665492065	7.87814045
ENSMUSG00000089810	11.31922962	11.82549314	8.473812573	9.665492065	5.729556691
ENSMUSG00000089811	8.489422215	6.260555194	9.886114669	4.832746033	9.310529622
ENSMUSG00000089812	11.31922962	5.56493795	10.59226572	4.02728836	5.729556691
ENSMUSG00000089814	4.244711108	4.869320706	7.767661525	9.665492065	6.445751277
ENSMUSG00000089815	12.02668147	7.651789682	7.767661525	6.443661377	8.594335036
ENSMUSG00000089816	7.074518513	9.043024169	7.061510478	8.054576721	7.161945863
ENSMUSG00000089817	7.074518513	5.56493795	5.649208382	5.638203705	5.013362104



ENSMUSG00000089818	7.074518513	6.956172438	9.179963621	8.054576721	7.161945863
ENSMUSG00000089819	10.61177777	9.738641413	8.473812573	6.443661377	7.161945863
ENSMUSG00000089820	3.537259256	8.347406925	7.767661525	6.443661377	10.02672421
ENSMUSG00000089821	7.781970364	7.651789682	10.59226572	5.638203705	3.580972932
ENSMUSG00000089822	8.489422215	4.173703463	8.473812573	12.88732275	2.864778345
ENSMUSG00000089826	9.196874066	9.043024169	7.767661525	7.249119049	5.013362104
ENSMUSG00000089827	16.97884443	37.56333116	28.24604191	57.99295239	52.2822048
ENSMUSG00000089828	7.781970364	6.956172438	6.35535943	4.832746033	7.87814045
ENSMUSG00000089829	8.489422215	6.956172438	8.473812573	8.860034393	5.013362104
ENSMUSG00000089830	0.707451851	3.478086219	0.706151048	0	1.432389173
ENSMUSG00000089831	9.904325918	10.43425866	11.29841676	4.02728836	5.013362104
ENSMUSG00000089833	6.367066661	9.043024169	2.824604191	3.221830688	7.161945863
ENSMUSG00000089834	8.489422215	8.347406925	7.767661525	4.02728836	10.7429188
ENSMUSG00000089835	11.31922962	6.956172438	5.649208382	7.249119049	5.729556691
ENSMUSG00000089836	9.196874066	5.56493795	9.886114669	11.27640741	8.594335036
ENSMUSG00000089838	77.11225179	95.2995624	93.21193831	32.21830688	36.5259239
ENSMUSG00000089839	6.367066661	12.52111039	7.767661525	10.47094974	10.02672421
ENSMUSG00000089842	33.95768886	67.47487265	60.72899011	44.30017197	50.13362104
ENSMUSG00000089849	7.781970364	8.347406925	11.29841676	8.054576721	7.87814045
ENSMUSG00000089851	11.31922962	2.782468975	4.236906287	5.638203705	3.580972932
ENSMUSG00000089853	32.54278516	35.47647943	42.36906287	82.96214023	70.90326405
ENSMUSG00000089854	7.074518513	5.56493795	4.943057334	7.249119049	6.445751277
ENSMUSG00000089855	10.61177777	9.043024169	12.71071886	3.221830688	6.445751277
ENSMUSG00000089861	10.61177777	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000089866	7.074518513	8.347406925	9.886114669	5.638203705	6.445751277
ENSMUSG00000089868	7.781970364	7.651789682	9.886114669	3.221830688	5.729556691
ENSMUSG00000089870	7.781970364	3.478086219	5.649208382	3.221830688	5.729556691
ENSMUSG00000089871	58.71850365	22.2597518	22.59683353	49.93837567	24.35061594
ENSMUSG00000089874	4.952162959	3.478086219	5.649208382	5.638203705	5.013362104
ENSMUSG00000089875	69.33028142	91.82147618	91.79963621	64.43661377	68.75468029
ENSMUSG00000089877	9.904325918	6.956172438	8.473812573	9.665492065	8.594335036
ENSMUSG00000089879	8.489422215	8.347406925	4.943057334	7.249119049	5.013362104
ENSMUSG00000089881	0	1.391234488	2.824604191	1.610915344	1.432389173
ENSMUSG00000089883	14.85648888	8.347406925	4.236906287	8.054576721	5.013362104
ENSMUSG00000089884	7.781970364	5.56493795	2.824604191	1.610915344	4.297167518
ENSMUSG00000089885	9.196874066	11.1298759	8.473812573	5.638203705	5.013362104
ENSMUSG00000089886	12.02668147	7.651789682	10.59226572	8.054576721	10.7429188
ENSMUSG00000089887	8.489422215	6.956172438	1.412302096	1.610915344	6.445751277
ENSMUSG00000089888	7.074518513	4.869320706	7.061510478	7.249119049	5.729556691
ENSMUSG00000089889	31.12788146	41.73703463	46.60596915	78.12939419	64.45751277
ENSMUSG00000089890	21.22355554	36.17209668	37.42600553	10.47094974	15.7562809
ENSMUSG00000089891	8.489422215	5.56493795	7.767661525	8.860034393	8.594335036
ENSMUSG00000089892	7.781970364	10.43425866	4.943057334	3.221830688	3.580972932

ENSMUSG00000089893	6.367066661	15.30357936	9.179963621	8.860034393	8.594335036
ENSMUSG00000089894	7.074518513	4.173703463	8.473812573	6.443661377	5.729556691
ENSMUSG00000089898	6.367066661	7.651789682	8.473812573	6.443661377	5.013362104
ENSMUSG00000089900	7.781970364	4.869320706	4.943057334	8.054576721	8.594335036
ENSMUSG00000089902	30.4204296	34.08524495	29.65834401	49.93837567	40.82309142
ENSMUSG00000089904	7.781970364	8.347406925	6.35535943	4.832746033	10.7429188
ENSMUSG00000089905	12.02668147	9.738641413	7.061510478	5.638203705	10.02672421
ENSMUSG00000089906	5.65961481	11.1298759	11.29841676	12.08186508	11.45911338
ENSMUSG00000089907	7.074518513	8.347406925	5.649208382	3.221830688	5.013362104
ENSMUSG00000089908	3.537259256	12.52111039	9.179963621	4.02728836	8.594335036
ENSMUSG00000089909	8.489422215	16.69481385	16.2414741	12.88732275	13.60769714
ENSMUSG00000089910	12.73413332	4.173703463	5.649208382	11.27640741	8.594335036
ENSMUSG00000089914	8.489422215	10.43425866	4.943057334	3.221830688	9.310529622
ENSMUSG00000089916	7.781970364	6.260555194	6.35535943	7.249119049	4.297167518
ENSMUSG00000089924	6.367066661	5.56493795	9.179963621	2.416373016	6.445751277
ENSMUSG00000089926	7.074518513	4.869320706	4.943057334	8.860034393	3.580972932
ENSMUSG00000089927	9.196874066	6.956172438	7.061510478	6.443661377	9.310529622
ENSMUSG00000089931	3.537259256	6.260555194	8.473812573	8.054576721	2.148583759
ENSMUSG00000089932	14.85648888	11.82549314	4.943057334	3.221830688	2.148583759
ENSMUSG00000089933	6.367066661	8.347406925	7.061510478	6.443661377	7.161945863
ENSMUSG00000089934	6.367066661	8.347406925	6.35535943	9.665492065	5.729556691
ENSMUSG00000089935	19.80865184	35.47647943	30.36449505	88.60034393	69.47087488
ENSMUSG00000089936	96.92090362	150.2533247	158.1778347	246.4700477	202.6830679
ENSMUSG00000089937	36.08004441	26.43345526	31.0706461	28.19101852	31.5125618
ENSMUSG00000089938	8.489422215	5.56493795	8.473812573	8.054576721	8.594335036
ENSMUSG00000089940	8.489422215	4.869320706	9.179963621	0.805457672	5.013362104
ENSMUSG00000089941	7.781970364	9.043024169	7.061510478	9.665492065	4.297167518
ENSMUSG00000089944	0	0	0	0	0
ENSMUSG00000089947	13.44158517	5.56493795	8.473812573	4.02728836	10.7429188
ENSMUSG00000089948	9.196874066	10.43425866	9.886114669	7.249119049	7.87814045
ENSMUSG00000089949	7.781970364	6.260555194	12.00456781	6.443661377	5.729556691
ENSMUSG00000089950	15.56394073	11.82549314	8.473812573	4.02728836	7.87814045
ENSMUSG00000089952	5.65961481	8.347406925	3.530755239	4.02728836	5.013362104
ENSMUSG00000089956	11.31922962	17.39043109	12.00456781	18.52552646	14.32389173
ENSMUSG00000089957	7.781970364	6.956172438	12.00456781	7.249119049	11.45911338
ENSMUSG00000089958	24.76081479	23.65098629	23.30298458	12.08186508	9.310529622
ENSMUSG00000089959	6.367066661	6.260555194	12.00456781	10.47094974	10.02672421
ENSMUSG00000089961	8.489422215	8.347406925	9.179963621	6.443661377	6.445751277
ENSMUSG00000089962	7.074518513	7.651789682	4.236906287	9.665492065	10.02672421
ENSMUSG00000089963	2.829807405	2.782468975	7.767661525	2.416373016	2.148583759
ENSMUSG00000089964	10.61177777	5.56493795	4.236906287	5.638203705	8.594335036
ENSMUSG00000089965	7.781970364	7.651789682	7.767661525	14.4982381	10.7429188
ENSMUSG00000089966	7.781970364	11.82549314	7.061510478	5.638203705	2.864778345

ENSMUSG00000089967	12.73413332	14.60796212	9.179963621	12.88732275	9.310529622
ENSMUSG00000089968	7.781970364	4.869320706	4.943057334	3.221830688	7.161945863
ENSMUSG00000089972	6.367066661	11.1298759	8.473812573	7.249119049	5.729556691
ENSMUSG00000089973	6.367066661	7.651789682	4.943057334	5.638203705	7.87814045
ENSMUSG00000089975	9.904325918	3.478086219	8.473812573	3.221830688	4.297167518
ENSMUSG00000089976	12.02668147	11.82549314	10.59226572	13.69278043	11.45911338
ENSMUSG00000089978	6.367066661	6.260555194	8.473812573	4.832746033	7.87814045
ENSMUSG00000089979	12.73413332	11.1298759	17.65377619	16.10915344	18.62105924
ENSMUSG00000089982	8.489422215	6.956172438	9.179963621	5.638203705	6.445751277
ENSMUSG00000089983	8.489422215	4.869320706	5.649208382	8.054576721	11.45911338
ENSMUSG00000089987	7.781970364	5.56493795	9.179963621	5.638203705	8.594335036
ENSMUSG00000089988	8.489422215	4.869320706	9.179963621	3.221830688	10.02672421
ENSMUSG00000089990	11.31922962	4.869320706	5.649208382	2.416373016	5.729556691
ENSMUSG00000089991	12.73413332	6.956172438	4.943057334	6.443661377	5.729556691
ENSMUSG00000089992	12.02668147	7.651789682	7.061510478	4.02728836	4.297167518
ENSMUSG00000089993	9.196874066	3.478086219	14.829172	11.27640741	10.7429188
ENSMUSG00000089994	12.73413332	14.60796212	9.886114669	12.08186508	8.594335036
ENSMUSG00000089995	12.02668147	8.347406925	7.767661525	4.832746033	3.580972932
ENSMUSG00000089997	11.31922962	12.52111039	7.061510478	7.249119049	7.161945863
ENSMUSG00000089998	37.49494812	51.47567604	52.25517753	81.35122488	81.64618284
ENSMUSG00000089999	7.781970364	17.39043109	11.29841676	16.10915344	15.7562809
ENSMUSG00000090001	74.28244438	159.9919661	123.5764334	101.4876667	87.37573953
ENSMUSG00000090002	118.851911	169.7306075	158.1778347	62.02024075	89.52432329
ENSMUSG00000090003	9.196874066	12.52111039	7.767661525	4.832746033	5.729556691
ENSMUSG00000090004	14.85648888	22.95536904	38.83830763	20.1364418	22.91822676
ENSMUSG00000090005	45.27691848	70.95295887	69.20280268	81.35122488	64.45751277
ENSMUSG00000090006	7.074518513	13.21672763	10.59226572	8.054576721	6.445751277
ENSMUSG00000090007	11.31922962	7.651789682	9.886114669	3.221830688	8.594335036
ENSMUSG00000090008	13.44158517	6.956172438	9.886114669	9.665492065	12.17530797
ENSMUSG00000090009	7.781970364	7.651789682	14.12302096	10.47094974	10.02672421
ENSMUSG00000090012	7.781970364	6.260555194	6.35535943	5.638203705	9.310529622
ENSMUSG00000090013	9.904325918	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000090016	12.73413332	9.043024169	13.41686991	19.33098413	19.33725383
ENSMUSG00000090017	8.489422215	7.651789682	9.886114669	4.02728836	4.297167518
ENSMUSG00000090021	15.56394073	10.43425866	6.35535943	13.69278043	7.87814045
ENSMUSG00000090023	11.31922962	4.173703463	9.886114669	5.638203705	3.580972932
ENSMUSG00000090024	4.952162959	6.956172438	8.473812573	7.249119049	7.87814045
ENSMUSG00000090025	14.85648888	6.260555194	5.649208382	12.88732275	3.580972932
ENSMUSG00000090026	8.489422215	11.82549314	7.767661525	8.054576721	17.90486466
ENSMUSG00000090027	3.537259256	6.260555194	5.649208382	3.221830688	7.87814045
ENSMUSG00000090030	19.80865184	17.39043109	24.71528667	20.94189947	13.60769714
ENSMUSG00000090031	22.63845924	30.60715873	28.24604191	15.30369577	13.60769714
ENSMUSG00000090033	10.61177777	9.738641413	10.59226572	5.638203705	7.87814045

ENSMUSG00000090034	10.61177777	8.347406925	11.29841676	10.47094974	4.297167518
ENSMUSG00000090036	4.952162959	2.782468975	5.649208382	6.443661377	6.445751277
ENSMUSG00000090038	13.44158517	18.78166558	11.29841676	12.88732275	14.32389173
ENSMUSG00000090039	12.02668147	8.347406925	7.061510478	3.221830688	12.89150255
ENSMUSG00000090040	11.31922962	3.478086219	7.061510478	4.02728836	9.310529622
ENSMUSG00000090041	12.02668147	6.956172438	9.179963621	8.860034393	9.310529622
ENSMUSG00000090042	9.904325918	7.651789682	8.473812573	4.832746033	7.161945863
ENSMUSG00000090043	16.27139258	30.60715873	19.77222934	19.33098413	23.63442135
ENSMUSG00000090044	5.65961481	5.56493795	4.943057334	11.27640741	11.45911338
ENSMUSG00000090047	7.781970364	11.82549314	4.236906287	6.443661377	5.729556691
ENSMUSG00000090048	12.02668147	4.869320706	4.943057334	9.665492065	5.729556691
ENSMUSG00000090050	5.65961481	6.260555194	5.649208382	3.221830688	2.864778345
ENSMUSG00000090051	9.196874066	4.869320706	7.767661525	3.221830688	7.87814045
ENSMUSG00000090054	123.0966221	180.8604834	175.1254598	145.7878386	147.5360848
ENSMUSG00000090057	13.44158517	8.347406925	16.2414741	14.4982381	15.7562809
ENSMUSG00000090059	7.781970364	3.478086219	9.179963621	2.416373016	6.445751277
ENSMUSG00000090062	11.31922962	6.260555194	12.00456781	9.665492065	13.60769714
ENSMUSG00000090063	4.244711108	2.086851731	2.118453143	3.221830688	1.432389173
ENSMUSG00000090066	12.73413332	9.738641413	7.061510478	10.47094974	12.17530797
ENSMUSG00000090067	16.97884443	32.69401046	26.83373982	16.10915344	26.49919969
ENSMUSG00000090069	12.02668147	14.60796212	20.47838039	34.6346799	35.80972932
ENSMUSG00000090070	7.074518513	7.651789682	9.179963621	7.249119049	7.161945863
ENSMUSG00000090073	5.65961481	6.956172438	8.473812573	5.638203705	4.297167518
ENSMUSG00000090074	9.904325918	7.651789682	9.886114669	6.443661377	5.013362104
ENSMUSG00000090075	12.73413332	15.99919661	18.35992724	36.24559524	22.91822676
ENSMUSG00000090078	110.3624888	187.8166558	143.3486627	144.982381	137.5093606
ENSMUSG00000090079	7.781970364	4.869320706	3.530755239	10.47094974	6.445751277
ENSMUSG00000090080	81.3569629	119.6461659	98.15499564	68.46390213	70.18706946
ENSMUSG00000090081	7.074518513	9.043024169	9.886114669	7.249119049	5.729556691
ENSMUSG00000090086	66.50047402	88.34338996	79.08891735	192.5043836	164.7247549
ENSMUSG00000090087	15.56394073	5.56493795	7.061510478	5.638203705	7.161945863
ENSMUSG00000090088	7.074518513	7.651789682	12.00456781	4.02728836	7.161945863
ENSMUSG00000090089	4.952162959	0.695617244	3.530755239	3.221830688	4.297167518
ENSMUSG00000090090	16.97884443	12.52111039	13.41686991	16.10915344	12.89150255
ENSMUSG00000090095	12.73413332	20.17290007	12.00456781	11.27640741	12.17530797
ENSMUSG00000090098	4.952162959	11.1298759	7.767661525	4.02728836	5.013362104
ENSMUSG00000090099	14.14903703	6.956172438	5.649208382	8.054576721	5.729556691
ENSMUSG00000090101	0.707451851	0.695617244	0	7.249119049	7.87814045
ENSMUSG00000090102	7.074518513	2.782468975	5.649208382	3.221830688	2.864778345
ENSMUSG00000090103	58.0110518	56.34499675	63.5535943	91.82217462	63.0251236
ENSMUSG00000090104	7.074518513	4.869320706	4.943057334	8.054576721	5.729556691
ENSMUSG00000090105	130.8785925	171.121842	122.8702823	320.5721535	217.0069597
ENSMUSG00000090106	2.829807405	1.391234488	2.118453143	2.416373016	2.148583759

ENSMUSG00000090108	10.61177777	17.39043109	13.41686991	14.4982381	14.32389173
ENSMUSG00000090109	6.367066661	11.1298759	9.179963621	8.860034393	6.445751277
ENSMUSG00000090111	7.074518513	6.956172438	8.473812573	6.443661377	12.17530797
ENSMUSG00000090114	9.196874066	4.869320706	12.00456781	9.665492065	7.161945863
ENSMUSG00000090116	5.65961481	9.043024169	9.886114669	1.610915344	6.445751277
ENSMUSG00000090117	33.95768886	89.0390072	72.73355792	49.93837567	44.40406435
ENSMUSG00000090118	6.367066661	5.56493795	10.59226572	5.638203705	8.594335036
ENSMUSG00000090119	10.61177777	4.173703463	8.473812573	8.054576721	4.297167518
ENSMUSG00000090120	4.244711108	5.56493795	4.943057334	7.249119049	10.02672421
ENSMUSG00000090126	7.781970364	7.651789682	9.179963621	3.221830688	5.729556691
ENSMUSG00000090128	33.25023701	40.34580014	36.71985448	81.35122488	60.16034525
ENSMUSG00000090131	9.904325918	4.173703463	12.00456781	8.054576721	10.02672421
ENSMUSG00000090135	10.61177777	6.956172438	9.179963621	9.665492065	6.445751277
ENSMUSG00000090136	53.05888884	83.47406925	77.67661525	44.30017197	59.44415067
ENSMUSG00000090138	12.73413332	7.651789682	10.59226572	5.638203705	7.87814045
ENSMUSG00000090142	0	0	0	0.805457672	0
ENSMUSG00000090146	10.61177777	9.738641413	5.649208382	7.249119049	5.013362104
ENSMUSG00000090147	7.074518513	8.347406925	9.179963621	8.860034393	6.445751277
ENSMUSG00000090151	9.904325918	13.91234488	10.59226572	4.02728836	9.310529622
ENSMUSG00000090152	5.65961481	9.043024169	4.943057334	1.610915344	2.148583759
ENSMUSG00000090157	12.02668147	20.17290007	18.35992724	14.4982381	12.17530797
ENSMUSG00000090159	8.489422215	6.260555194	9.886114669	4.832746033	5.729556691
ENSMUSG00000090160	8.489422215	6.260555194	6.35535943	8.860034393	6.445751277
ENSMUSG00000090162	8.489422215	6.956172438	3.530755239	3.221830688	8.594335036
ENSMUSG00000090163	8.489422215	6.956172438	5.649208382	5.638203705	2.864778345
ENSMUSG00000090168	5.65961481	6.956172438	9.179963621	8.054576721	5.013362104
ENSMUSG00000090174	121.6817184	125.9067211	132.0502459	91.82217462	90.24051788
ENSMUSG00000090179	10.61177777	10.43425866	3.530755239	5.638203705	5.013362104
ENSMUSG00000090180	10.61177777	4.869320706	12.71071886	5.638203705	7.87814045
ENSMUSG00000090185	14.85648888	23.65098629	18.35992724	46.71654498	49.41742646
ENSMUSG00000090186	50.93653329	56.34499675	50.13672439	68.46390213	61.59273443
ENSMUSG00000090187	0	0	0	0	0
ENSMUSG00000090188	83.47931845	116.863697	99.56729774	136.1223466	106.7129934
ENSMUSG00000090191	7.781970364	7.651789682	7.767661525	8.860034393	7.87814045
ENSMUSG00000090192	4.952162959	4.869320706	7.061510478	4.832746033	5.013362104
ENSMUSG00000090193	14.14903703	15.99919661	16.94762515	9.665492065	16.47247549
ENSMUSG00000090194	12.02668147	6.956172438	14.829172	10.47094974	10.02672421
ENSMUSG00000090197	13.44158517	5.56493795	10.59226572	7.249119049	7.87814045
ENSMUSG00000090199	7.781970364	4.869320706	5.649208382	5.638203705	5.013362104
ENSMUSG00000090200	11.31922962	14.60796212	9.179963621	5.638203705	12.17530797
ENSMUSG00000090203	10.61177777	9.738641413	6.35535943	9.665492065	7.87814045
ENSMUSG00000090207	23.34591109	36.17209668	31.0706461	223.1117752	153.2656415
ENSMUSG00000090208	7.781970364	5.56493795	3.530755239	6.443661377	7.161945863

ENSMUSG00000090211	12.73413332	10.43425866	12.71071886	13.69278043	7.87814045
ENSMUSG00000090212	10.61177777	7.651789682	7.061510478	8.054576721	6.445751277
ENSMUSG00000090214	6.367066661	6.260555194	4.236906287	4.02728836	9.310529622
ENSMUSG00000090216	26.1757185	42.43265187	31.77679715	41.88379895	37.24211849
ENSMUSG00000090217	6.367066661	4.869320706	8.473812573	3.221830688	5.729556691
ENSMUSG00000090220	46.69182218	81.38721752	79.08891735	53.96566403	38.67450766
ENSMUSG00000090222	19.10119998	34.08524495	25.42143772	20.1364418	17.90486466
ENSMUSG00000090224	9.196874066	5.56493795	5.649208382	4.832746033	7.87814045
ENSMUSG00000090226	9.196874066	7.651789682	8.473812573	4.832746033	5.013362104
ENSMUSG00000090227	9.904325918	5.56493795	9.886114669	4.02728836	10.02672421
ENSMUSG00000090228	8.489422215	10.43425866	7.061510478	4.832746033	10.7429188
ENSMUSG00000090230	227.7994961	249.7265905	245.0344136	360.0395794	285.76164
ENSMUSG00000090232	10.61177777	12.52111039	17.65377619	14.4982381	15.04008631
ENSMUSG00000090234	0	0	0	0	0
ENSMUSG00000090235	8.489422215	18.78166558	14.12302096	14.4982381	20.05344842
ENSMUSG00000090237	11.31922962	5.56493795	11.29841676	5.638203705	8.594335036
ENSMUSG00000090242	5.65961481	6.260555194	6.35535943	8.054576721	6.445751277
ENSMUSG00000090243	9.196874066	15.30357936	14.12302096	16.10915344	13.60769714
ENSMUSG00000090244	14.14903703	18.78166558	17.65377619	15.30369577	17.18867007
ENSMUSG00000090246	151.3946962	139.819066	127.1071886	272.2446932	164.7247549
ENSMUSG00000090248	13.44158517	9.043024169	9.886114669	5.638203705	7.87814045
ENSMUSG00000090249	10.61177777	9.043024169	9.886114669	9.665492065	6.445751277
ENSMUSG00000090252	38.20239997	24.34660353	37.42600553	33.02376456	32.22875639
ENSMUSG00000090255	7.781970364	8.347406925	4.943057334	4.832746033	6.445751277
ENSMUSG00000090256	13.44158517	6.260555194	7.061510478	6.443661377	5.729556691
ENSMUSG00000090257	9.904325918	12.52111039	9.179963621	3.221830688	5.013362104
ENSMUSG00000090259	9.196874066	6.956172438	10.59226572	4.832746033	6.445751277
ENSMUSG00000090260	6.367066661	6.260555194	4.943057334	4.832746033	5.729556691
ENSMUSG00000090263	12.73413332	8.347406925	7.767661525	6.443661377	10.02672421
ENSMUSG00000090265	14.14903703	4.869320706	4.943057334	4.832746033	12.89150255
ENSMUSG00000090270	3.537259256	12.52111039	7.767661525	7.249119049	10.02672421
ENSMUSG00000090277	49.52162959	92.51709342	82.61967259	68.46390213	60.87653984
ENSMUSG00000090284	6.367066661	8.347406925	7.767661525	2.416373016	7.161945863
ENSMUSG00000090290	21.93100739	18.08604834	18.35992724	39.46742593	25.78300511
ENSMUSG00000090292	13.44158517	8.347406925	8.473812573	8.054576721	6.445751277
ENSMUSG00000090293	15.56394073	18.78166558	26.83373982	169.1461111	121.0368851
ENSMUSG00000090298	4.244711108	7.651789682	9.179963621	6.443661377	8.594335036
ENSMUSG00000090300	7.074518513	9.738641413	7.061510478	8.860034393	7.161945863
ENSMUSG00000090303	11.31922962	6.260555194	7.061510478	8.054576721	5.729556691
ENSMUSG00000090304	7.074518513	4.173703463	7.767661525	2.416373016	5.729556691
ENSMUSG00000090305	31.83533331	43.12826911	45.8998181	34.6346799	32.94495097
ENSMUSG00000090307	7.781970364	11.1298759	5.649208382	5.638203705	5.013362104
ENSMUSG00000090308	7.074518513	4.173703463	2.824604191	9.665492065	7.87814045

ENSMUSG00000090315	5.65961481	4.869320706	13.41686991	4.02728836	5.729556691
ENSMUSG00000090318	16.97884443	9.043024169	11.29841676	8.054576721	7.161945863
ENSMUSG00000090319	12.02668147	8.347406925	10.59226572	11.27640741	15.04008631
ENSMUSG00000090322	6.367066661	6.956172438	9.179963621	8.054576721	5.729556691
ENSMUSG00000090323	7.074518513	7.651789682	9.179963621	4.02728836	5.729556691
ENSMUSG00000090327	9.904325918	8.347406925	8.473812573	6.443661377	15.7562809
ENSMUSG00000090328	8.489422215	6.956172438	7.061510478	8.860034393	8.594335036
ENSMUSG00000090329	4.952162959	10.43425866	7.767661525	6.443661377	8.594335036
ENSMUSG00000090330	45.98437033	59.12746572	54.37363068	70.07481747	49.41742646
ENSMUSG00000090331	4.244711108	4.869320706	4.943057334	4.832746033	5.013362104
ENSMUSG00000090332	8.489422215	7.651789682	9.886114669	8.054576721	4.297167518
ENSMUSG00000090333	16.97884443	11.1298759	16.2414741	13.69278043	9.310529622
ENSMUSG00000090334	13.44158517	8.347406925	10.59226572	4.02728836	12.89150255
ENSMUSG00000090338	0	0	0	0	0
ENSMUSG00000090341	7.074518513	10.43425866	7.061510478	4.832746033	7.87814045
ENSMUSG00000090342	7.781970364	4.173703463	6.35535943	4.02728836	6.445751277
ENSMUSG00000090350	58.0110518	107.8206728	86.85657888	52.35474869	57.29556691
ENSMUSG00000090351	8.489422215	9.738641413	19.77222934	7.249119049	5.013362104
ENSMUSG00000090352	7.074518513	6.260555194	6.35535943	4.832746033	3.580972932
ENSMUSG00000090353	7.074518513	6.956172438	7.061510478	4.832746033	3.580972932
ENSMUSG00000090355	8.489422215	6.260555194	7.061510478	4.02728836	10.02672421
ENSMUSG00000090357	19.80865184	35.47647943	29.65834401	32.21830688	35.80972932
ENSMUSG00000090358	14.14903703	17.39043109	12.71071886	12.08186508	14.32389173
ENSMUSG00000090362	4.244711108	6.260555194	7.061510478	6.443661377	5.013362104
ENSMUSG00000090365	11.31922962	4.869320706	7.061510478	6.443661377	5.013362104
ENSMUSG00000090370	14.14903703	9.043024169	17.65377619	11.27640741	12.17530797
ENSMUSG00000090374	4.952162959	6.956172438	8.473812573	4.832746033	7.87814045
ENSMUSG00000090379	8.489422215	5.56493795	8.473812573	6.443661377	7.161945863
ENSMUSG00000090381	12.73413332	9.043024169	7.061510478	7.249119049	7.161945863
ENSMUSG00000090383	18.39374813	3.478086219	7.767661525	2.416373016	6.445751277
ENSMUSG00000090385	9.904325918	5.56493795	9.179963621	6.443661377	5.729556691
ENSMUSG00000090386	5.65961481	8.347406925	13.41686991	4.832746033	2.864778345
ENSMUSG00000090387	7.781970364	8.347406925	8.473812573	8.860034393	8.594335036
ENSMUSG00000090389	12.02668147	15.99919661	10.59226572	26.58010318	15.04008631
ENSMUSG00000090395	2.829807405	3.478086219	2.118453143	0.805457672	2.148583759
ENSMUSG00000090396	14.14903703	8.347406925	7.767661525	4.832746033	3.580972932
ENSMUSG00000090397	21.22355554	32.69401046	24.00913562	37.85651059	32.94495097
ENSMUSG00000090399	7.781970364	2.782468975	6.35535943	6.443661377	8.594335036
ENSMUSG00000090406	103.2879703	141.9059177	135.5810012	120.0131931	105.2806042
ENSMUSG00000090407	0	0	0	0	0
ENSMUSG00000090408	6.367066661	3.478086219	9.179963621	2.416373016	9.310529622
ENSMUSG00000090411	9.904325918	12.52111039	6.35535943	3.221830688	8.594335036
ENSMUSG00000090417	4.952162959	9.738641413	7.061510478	4.832746033	6.445751277

ENSMUSG00000090427	11.31922962	6.956172438	4.943057334	6.443661377	7.161945863
ENSMUSG00000090429	10.61177777	16.69481385	5.649208382	14.4982381	12.17530797
ENSMUSG00000090436	4.952162959	7.651789682	5.649208382	2.416373016	2.864778345
ENSMUSG00000090440	28.29807405	15.30357936	13.41686991	10.47094974	10.7429188
ENSMUSG00000090441	9.904325918	7.651789682	9.886114669	8.054576721	8.594335036
ENSMUSG00000090448	9.196874066	5.56493795	6.35535943	4.02728836	8.594335036
ENSMUSG00000090449	14.85648888	9.043024169	7.061510478	5.638203705	5.013362104
ENSMUSG00000090455	9.196874066	6.260555194	6.35535943	4.832746033	6.445751277
ENSMUSG00000090458	12.02668147	6.956172438	8.473812573	19.33098413	12.89150255
ENSMUSG00000090459	10.61177777	12.52111039	9.179963621	8.054576721	8.594335036
ENSMUSG00000090460	9.196874066	13.21672763	11.29841676	10.47094974	14.32389173
ENSMUSG00000090462	12.02668147	8.347406925	12.00456781	6.443661377	6.445751277
ENSMUSG00000090464	9.196874066	6.260555194	8.473812573	8.860034393	7.87814045
ENSMUSG00000090465	12.02668147	6.260555194	14.829172	4.832746033	9.310529622
ENSMUSG00000090466	12.02668147	9.738641413	7.767661525	7.249119049	5.013362104
ENSMUSG00000090467	0	0	0	0	0
ENSMUSG00000090468	12.73413332	5.56493795	12.00456781	8.054576721	5.729556691
ENSMUSG00000090471	14.14903703	7.651789682	7.767661525	4.832746033	7.161945863
ENSMUSG00000090474	11.31922962	5.56493795	6.35535943	3.221830688	2.148583759
ENSMUSG00000090475	9.904325918	8.347406925	9.179963621	10.47094974	12.17530797
ENSMUSG00000090476	16.97884443	10.43425866	9.886114669	10.47094974	14.32389173
ENSMUSG00000090478	4.952162959	3.478086219	4.943057334	6.443661377	5.729556691
ENSMUSG00000090481	11.31922962	8.347406925	11.29841676	10.47094974	5.013362104
ENSMUSG00000090482	8.489422215	6.260555194	9.179963621	4.832746033	7.161945863
ENSMUSG00000090485	6.367066661	8.347406925	2.824604191	4.832746033	1.432389173
ENSMUSG00000090489	8.489422215	14.60796212	9.179963621	16.91461111	16.47247549
ENSMUSG00000090494	0	0	0	0	0
ENSMUSG00000090497	7.781970364	10.43425866	7.767661525	7.249119049	5.013362104
ENSMUSG00000090500	5.65961481	4.173703463	11.29841676	5.638203705	12.17530797
ENSMUSG00000090505	16.27139258	13.91234488	13.41686991	8.860034393	13.60769714
ENSMUSG00000090516	210.8206517	267.1170216	240.0913562	298.8247963	222.0203218
ENSMUSG00000090519	10.61177777	8.347406925	7.767661525	4.832746033	5.013362104
ENSMUSG00000090533	6.367066661	4.869320706	6.35535943	4.832746033	5.013362104
ENSMUSG00000090534	7.074518513	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000090535	4.244711108	0.695617244	2.824604191	0.805457672	2.864778345
ENSMUSG00000090538	13.44158517	8.347406925	4.236906287	8.054576721	5.013362104
ENSMUSG00000090544	9.904325918	11.82549314	7.061510478	2.416373016	8.594335036
ENSMUSG00000090546	2.829807405	2.086851731	2.824604191	1.610915344	2.148583759
ENSMUSG00000090547	13.44158517	7.651789682	10.59226572	4.02728836	8.594335036
ENSMUSG00000090549	10.61177777	6.260555194	8.473812573	8.054576721	10.02672421
ENSMUSG00000090550	9.904325918	4.869320706	10.59226572	8.054576721	12.17530797
ENSMUSG00000090552	9.196874066	8.347406925	8.473812573	4.02728836	6.445751277
ENSMUSG00000090555	7.074518513	8.347406925	6.35535943	7.249119049	7.87814045



ENSMUSG00000090556	5.65961481	4.869320706	5.649208382	1.610915344	7.161945863
ENSMUSG00000090558	2.122355554	8.347406925	9.886114669	8.054576721	4.297167518
ENSMUSG00000090559	37.49494812	57.73623123	57.19823487	43.49471429	52.99839939
ENSMUSG00000090561	50.22908144	72.34419335	62.1412922	54.7711217	50.84981563
ENSMUSG00000090564	14.85648888	11.1298759	14.12302096	33.02376456	30.79636721
ENSMUSG00000090565	14.14903703	25.04222078	19.06607829	5.638203705	13.60769714
ENSMUSG00000090570	7.781970364	5.56493795	7.767661525	395.479717	275.7349157
ENSMUSG00000090572	7.074518513	5.56493795	9.179963621	4.02728836	2.148583759
ENSMUSG00000090574	0.707451851	0	1.412302096	0	2.148583759
ENSMUSG00000090576	7.781970364	5.56493795	5.649208382	6.443661377	10.7429188
ENSMUSG00000090577	7.074518513	6.260555194	4.236906287	8.860034393	4.297167518
ENSMUSG00000090578	9.904325918	5.56493795	8.473812573	4.832746033	4.297167518
ENSMUSG00000090582	13.44158517	28.52030699	24.71528667	51.54929101	55.86317773
ENSMUSG00000090584	8.489422215	9.043024169	3.530755239	12.08186508	12.17530797
ENSMUSG00000090585	11.31922962	6.260555194	9.179963621	4.832746033	12.17530797
ENSMUSG00000090589	12.73413332	7.651789682	7.767661525	4.02728836	10.02672421
ENSMUSG00000090592	36.08004441	63.99678643	50.84287544	29.80193387	24.35061594
ENSMUSG00000090594	6.367066661	9.043024169	9.179963621	3.221830688	6.445751277
ENSMUSG00000090598	7.781970364	3.478086219	7.767661525	8.860034393	8.594335036
ENSMUSG00000090602	10.61177777	10.43425866	9.886114669	8.054576721	11.45911338
ENSMUSG00000090603	12.02668147	8.347406925	14.12302096	6.443661377	9.310529622
ENSMUSG00000090607	10.61177777	6.956172438	11.29841676	4.02728836	7.161945863
ENSMUSG00000090608	0.707451851	1.391234488	0	1.610915344	0
ENSMUSG00000090610	10.61177777	8.347406925	9.179963621	12.08186508	10.7429188
ENSMUSG00000090618	7.074518513	7.651789682	6.35535943	4.832746033	6.445751277
ENSMUSG00000090619	7.781970364	8.347406925	8.473812573	7.249119049	7.87814045
ENSMUSG00000090623	7.781970364	9.043024169	7.767661525	7.249119049	9.310529622
ENSMUSG00000090624	13.44158517	9.043024169	9.179963621	6.443661377	2.148583759
ENSMUSG00000090628	55.1812444	84.86530374	89.68118307	77.32393652	78.06520991
ENSMUSG00000090631	12.02668147	3.478086219	4.236906287	4.832746033	8.594335036
ENSMUSG00000090635	10.61177777	6.956172438	12.00456781	6.443661377	6.445751277
ENSMUSG00000090636	9.904325918	6.956172438	9.886114669	8.054576721	6.445751277
ENSMUSG00000090637	9.904325918	12.52111039	10.59226572	5.638203705	10.02672421
ENSMUSG00000090638	3.537259256	1.391234488	4.236906287	0.805457672	0.716194586
ENSMUSG00000090642	9.196874066	7.651789682	7.061510478	4.832746033	4.297167518
ENSMUSG00000090655	10.61177777	4.173703463	9.179963621	4.02728836	5.729556691
ENSMUSG00000090657	14.85648888	4.173703463	9.886114669	7.249119049	7.87814045
ENSMUSG00000090658	8.489422215	7.651789682	4.236906287	9.665492065	7.161945863
ENSMUSG00000090660	4.244711108	9.043024169	10.59226572	4.832746033	6.445751277
ENSMUSG00000090666	9.904325918	13.21672763	12.71071886	4.02728836	15.04008631
ENSMUSG00000090671	16.97884443	19.47728283	17.65377619	12.88732275	19.33725383
ENSMUSG00000090673	9.196874066	5.56493795	10.59226572	14.4982381	5.013362104
ENSMUSG00000090674	178.9853184	243.4660353	228.7929395	297.213881	222.7365164

ENSMUSG00000090681	12.02668147	10.43425866	10.59226572	7.249119049	7.161945863
ENSMUSG00000090682	12.02668147	9.043024169	10.59226572	5.638203705	8.594335036
ENSMUSG00000090684	11.31922962	3.478086219	5.649208382	5.638203705	6.445751277
ENSMUSG00000090688	12.73413332	9.738641413	10.59226572	4.832746033	5.729556691
ENSMUSG00000090690	10.61177777	8.347406925	9.886114669	8.860034393	6.445751277
ENSMUSG00000090692	7.074518513	4.869320706	7.767661525	8.860034393	9.310529622
ENSMUSG00000090699	16.27139258	6.956172438	4.943057334	4.832746033	9.310529622
ENSMUSG00000090701	9.196874066	10.43425866	3.530755239	10.47094974	4.297167518
ENSMUSG00000090704	9.196874066	7.651789682	9.886114669	4.02728836	8.594335036
ENSMUSG00000090706	14.14903703	3.478086219	13.41686991	7.249119049	5.013362104
ENSMUSG00000090708	5.65961481	8.347406925	8.473812573	8.054576721	7.161945863
ENSMUSG00000090709	9.196874066	4.869320706	9.179963621	5.638203705	7.161945863
ENSMUSG00000090710	4.952162959	10.43425866	9.179963621	4.832746033	7.87814045
ENSMUSG00000090715	10.61177777	7.651789682	7.767661525	11.27640741	5.729556691
ENSMUSG00000090716	7.074518513	6.260555194	11.29841676	5.638203705	7.87814045
ENSMUSG00000090718	5.65961481	7.651789682	4.236906287	5.638203705	5.013362104
ENSMUSG00000090722	12.02668147	9.738641413	7.767661525	5.638203705	5.729556691
ENSMUSG00000090724	5.65961481	4.869320706	6.35535943	4.832746033	7.161945863
ENSMUSG00000090726	34.66514071	37.56333116	21.18453143	143.3714656	102.4158258
ENSMUSG00000090727	9.904325918	9.043024169	7.767661525	7.249119049	5.729556691
ENSMUSG00000090728	8.489422215	4.173703463	6.35535943	7.249119049	4.297167518
ENSMUSG00000090731	16.27139258	10.43425866	9.179963621	7.249119049	7.161945863
ENSMUSG00000090732	21.22355554	24.34660353	33.18909925	9.665492065	7.161945863
ENSMUSG00000090733	68.62282957	115.4724625	115.1026208	235.1936403	164.7247549
ENSMUSG00000090736	12.02668147	9.738641413	7.767661525	5.638203705	4.297167518
ENSMUSG00000090737	14.14903703	9.738641413	10.59226572	11.27640741	8.594335036
ENSMUSG00000090740	11.31922962	4.173703463	10.59226572	7.249119049	7.161945863
ENSMUSG00000090742	9.904325918	12.52111039	11.29841676	8.860034393	9.310529622
ENSMUSG00000090743	11.31922962	15.30357936	23.30298458	12.08186508	18.62105924
ENSMUSG00000090750	12.02668147	6.956172438	11.29841676	6.443661377	11.45911338
ENSMUSG00000090751	6.367066661	5.56493795	4.236906287	4.02728836	7.87814045
ENSMUSG00000090753	7.074518513	7.651789682	5.649208382	3.221830688	7.161945863
ENSMUSG00000090758	7.781970364	9.738641413	9.179963621	14.4982381	7.87814045
ENSMUSG00000090761	7.781970364	11.1298759	16.2414741	13.69278043	13.60769714
ENSMUSG00000090762	10.61177777	7.651789682	7.767661525	6.443661377	5.013362104
ENSMUSG00000090765	5.65961481	5.56493795	4.943057334	3.221830688	7.161945863
ENSMUSG00000090772	7.781970364	13.21672763	9.179963621	4.02728836	9.310529622
ENSMUSG00000090773	7.074518513	4.869320706	7.767661525	3.221830688	3.580972932
ENSMUSG00000090774	7.781970364	11.82549314	5.649208382	6.443661377	2.864778345
ENSMUSG00000090777	10.61177777	3.478086219	8.473812573	8.860034393	8.594335036
ENSMUSG00000090778	9.904325918	12.52111039	14.12302096	7.249119049	5.729556691
ENSMUSG00000090779	4.244711108	6.260555194	7.061510478	4.832746033	2.148583759
ENSMUSG00000090781	7.781970364	2.782468975	6.35535943	6.443661377	7.161945863

ENSMUSG00000090782	0	0	0	0	0
ENSMUSG00000090785	9.904325918	6.956172438	9.179963621	4.832746033	4.297167518
ENSMUSG00000090788	24.76081479	15.30357936	16.94762515	8.054576721	12.89150255
ENSMUSG00000090790	7.781970364	8.347406925	10.59226572	4.832746033	6.445751277
ENSMUSG00000090793	11.31922962	4.869320706	3.530755239	4.02728836	3.580972932
ENSMUSG00000090794	9.904325918	10.43425866	5.649208382	4.832746033	7.87814045
ENSMUSG00000090795	16.97884443	7.651789682	7.767661525	3.221830688	7.161945863
ENSMUSG00000090796	13.44158517	8.347406925	6.35535943	10.47094974	6.445751277
ENSMUSG00000090798	16.27139258	8.347406925	7.767661525	8.054576721	6.445751277
ENSMUSG00000090799	5.65961481	6.956172438	7.767661525	4.02728836	3.580972932
ENSMUSG00000090801	9.904325918	7.651789682	8.473812573	6.443661377	12.89150255
ENSMUSG00000090802	9.196874066	6.956172438	8.473812573	12.08186508	5.729556691
ENSMUSG00000090806	5.65961481	4.173703463	2.824604191	2.416373016	2.864778345
ENSMUSG00000090808	8.489422215	8.347406925	7.767661525	4.02728836	10.02672421
ENSMUSG00000090812	77.81970364	100.8645003	102.3919019	272.2446932	184.7782033
ENSMUSG00000090816	4.952162959	4.173703463	5.649208382	5.638203705	7.161945863
ENSMUSG00000090818	0	0	0	0	0
ENSMUSG00000090821	9.196874066	9.738641413	4.943057334	4.02728836	7.161945863
ENSMUSG00000090828	7.781970364	5.56493795	6.35535943	6.443661377	8.594335036
ENSMUSG00000090839	8.489422215	5.56493795	5.649208382	5.638203705	11.45911338
ENSMUSG00000090849	15.56394073	14.60796212	9.886114669	7.249119049	7.87814045
ENSMUSG00000090853	12.73413332	8.347406925	12.00456781	7.249119049	10.02672421
ENSMUSG00000090855	10.61177777	13.21672763	7.061510478	4.02728836	11.45911338
ENSMUSG00000090860	11.31922962	18.78166558	12.71071886	30.60739154	25.78300511
ENSMUSG00000090865	8.489422215	13.21672763	11.29841676	5.638203705	8.594335036
ENSMUSG00000090868	12.02668147	11.1298759	7.767661525	5.638203705	4.297167518
ENSMUSG00000090873	68.62282957	91.12585893	86.85657888	215.0571984	177.6162574
ENSMUSG00000090882	10.61177777	5.56493795	5.649208382	4.832746033	10.7429188
ENSMUSG00000090889	10.61177777	6.260555194	9.179963621	4.02728836	6.445751277
ENSMUSG00000090891	6.367066661	10.43425866	7.061510478	9.665492065	7.87814045
ENSMUSG00000090900	7.781970364	11.1298759	9.179963621	7.249119049	9.310529622
ENSMUSG00000090907	5.65961481	4.869320706	4.236906287	3.221830688	7.87814045
ENSMUSG00000090925	14.14903703	9.043024169	9.179963621	8.054576721	5.729556691
ENSMUSG00000090927	7.781970364	3.478086219	6.35535943	4.832746033	7.161945863
ENSMUSG00000090936	121.6817184	161.3832006	142.6425116	331.8485609	225.6012947
ENSMUSG00000090939	9.904325918	4.173703463	2.824604191	7.249119049	10.7429188
ENSMUSG00000090941	10.61177777	18.08604834	16.2414741	13.69278043	17.18867007
ENSMUSG00000090947	9.904325918	9.738641413	9.886114669	7.249119049	11.45911338
ENSMUSG00000090949	7.781970364	6.260555194	7.767661525	5.638203705	7.87814045
ENSMUSG00000090952	95.50599992	134.9497453	128.5194907	112.7640741	95.97007457
ENSMUSG00000090955	15.56394073	10.43425866	10.59226572	5.638203705	7.87814045
ENSMUSG00000090957	9.196874066	4.869320706	9.179963621	6.443661377	10.7429188
ENSMUSG00000090958	9.196874066	10.43425866	10.59226572	42.68925662	37.95831308

ENSMUSG00000090959	4.952162959	2.086851731	7.061510478	8.054576721	5.013362104
ENSMUSG00000090961	9.904325918	6.956172438	7.061510478	4.832746033	1.432389173
ENSMUSG00000090963	9.904325918	12.52111039	8.473812573	9.665492065	7.161945863
ENSMUSG00000090964	11.31922962	8.347406925	15.53532305	11.27640741	12.17530797
ENSMUSG00000090965	4.244711108	5.56493795	9.179963621	8.054576721	7.87814045
ENSMUSG00000090966	16.27139258	6.260555194	11.29841676	8.054576721	5.013362104
ENSMUSG00000090967	9.904325918	6.260555194	5.649208382	3.221830688	11.45911338
ENSMUSG00000090968	7.781970364	6.956172438	6.35535943	2.416373016	4.297167518
ENSMUSG00000090975	12.73413332	8.347406925	7.767661525	6.443661377	7.161945863
ENSMUSG00000090981	8.489422215	6.956172438	10.59226572	4.02728836	2.864778345
ENSMUSG00000090987	9.904325918	11.1298759	7.767661525	3.221830688	6.445751277
ENSMUSG00000090989	7.781970364	6.956172438	10.59226572	7.249119049	7.87814045
ENSMUSG00000090990	11.31922962	4.869320706	7.061510478	8.054576721	8.594335036
ENSMUSG00000090991	9.196874066	9.738641413	4.236906287	6.443661377	4.297167518
ENSMUSG00000090994	11.31922962	10.43425866	9.179963621	10.47094974	8.594335036
ENSMUSG00000091003	14.85648888	4.869320706	6.35535943	6.443661377	7.87814045
ENSMUSG00000091004	1.414903703	0.695617244	2.824604191	1.610915344	3.580972932
ENSMUSG00000091005	0	0	0	0	0
ENSMUSG00000091006	6.367066661	9.043024169	7.061510478	4.02728836	3.580972932
ENSMUSG00000091008	6.367066661	7.651789682	7.767661525	5.638203705	10.02672421
ENSMUSG00000091010	9.904325918	6.956172438	7.767661525	8.860034393	7.161945863
ENSMUSG00000091011	10.61177777	6.260555194	12.00456781	8.860034393	7.87814045
ENSMUSG00000091012	8.489422215	7.651789682	7.061510478	2.416373016	6.445751277
ENSMUSG00000091014	3.537259256	7.651789682	7.061510478	5.638203705	10.02672421
ENSMUSG00000091016	14.85648888	10.43425866	13.41686991	9.665492065	15.04008631
ENSMUSG00000091019	8.489422215	6.956172438	10.59226572	5.638203705	10.02672421
ENSMUSG00000091020	9.904325918	5.56493795	5.649208382	6.443661377	10.02672421
ENSMUSG00000091021	27.5906222	58.43184848	45.19366706	289.964762	192.6563437
ENSMUSG00000091027	7.781970364	9.043024169	7.767661525	6.443661377	7.161945863
ENSMUSG00000091028	690.4730068	692.8347748	699.7956883	691.8881403	668.2095491
ENSMUSG00000091031	9.196874066	5.56493795	10.59226572	7.249119049	5.013362104
ENSMUSG00000091037	18.39374813	48.69320706	33.18909925	77.32393652	47.2688427
ENSMUSG00000091040	15.56394073	7.651789682	12.71071886	3.221830688	11.45911338
ENSMUSG00000091041	7.074518513	5.56493795	7.061510478	6.443661377	8.594335036
ENSMUSG00000091043	11.31922962	7.651789682	10.59226572	6.443661377	7.161945863
ENSMUSG00000091044	8.489422215	6.956172438	7.767661525	3.221830688	5.729556691
ENSMUSG00000091045	16.27139258	8.347406925	13.41686991	3.221830688	9.310529622
ENSMUSG00000091048	10.61177777	6.260555194	6.35535943	8.860034393	6.445751277
ENSMUSG00000091050	119.5593629	134.9497453	124.2825844	346.346799	252.1004944
ENSMUSG00000091053	2.122355554	7.651789682	6.35535943	4.832746033	4.297167518
ENSMUSG00000091058	7.781970364	7.651789682	7.767661525	4.02728836	4.297167518
ENSMUSG00000091059	9.904325918	10.43425866	6.35535943	3.221830688	5.729556691
ENSMUSG00000091061	12.73413332	7.651789682	7.061510478	8.860034393	8.594335036

ENSMUSG00000091071	0	0	0	0	0
ENSMUSG00000091076	11.31922962	13.91234488	14.12302096	6.443661377	8.594335036
ENSMUSG00000091078	8.489422215	15.99919661	9.886114669	9.665492065	20.05344842
ENSMUSG00000091079	4.952162959	2.086851731	5.649208382	5.638203705	4.297167518
ENSMUSG00000091082	12.02668147	7.651789682	9.886114669	12.88732275	5.729556691
ENSMUSG00000091083	12.02668147	15.30357936	12.71071886	8.860034393	11.45911338
ENSMUSG00000091086	13.44158517	13.21672763	19.06607829	20.1364418	14.32389173
ENSMUSG00000091087	5.65961481	7.651789682	7.767661525	6.443661377	5.729556691
ENSMUSG00000091091	7.781970364	12.52111039	16.2414741	14.4982381	11.45911338
ENSMUSG00000091095	13.44158517	15.99919661	18.35992724	24.16373016	19.33725383
ENSMUSG00000091096	22.63845924	29.21592424	28.95219296	22.55281482	20.769643
ENSMUSG00000091099	13.44158517	6.956172438	7.767661525	7.249119049	3.580972932
ENSMUSG00000091105	9.196874066	5.56493795	6.35535943	5.638203705	15.04008631
ENSMUSG00000091109	9.904325918	8.347406925	10.59226572	11.27640741	8.594335036
ENSMUSG00000091110	16.27139258	7.651789682	11.29841676	8.054576721	7.161945863
ENSMUSG00000091115	5.65961481	8.347406925	8.473812573	5.638203705	7.161945863
ENSMUSG00000091116	13.44158517	6.956172438	9.179963621	8.860034393	8.594335036
ENSMUSG00000091117	9.904325918	11.82549314	5.649208382	8.054576721	6.445751277
ENSMUSG00000091122	8.489422215	4.173703463	5.649208382	4.832746033	6.445751277
ENSMUSG00000091123	16.97884443	8.347406925	5.649208382	7.249119049	10.7429188
ENSMUSG00000091129	9.904325918	4.173703463	8.473812573	6.443661377	8.594335036
ENSMUSG00000091131	10.61177777	15.30357936	12.00456781	12.08186508	9.310529622
ENSMUSG00000091132	8.489422215	8.347406925	5.649208382	4.832746033	5.013362104
ENSMUSG00000091133	22.63845924	41.04141738	43.07521391	89.4058016	68.0384857
ENSMUSG00000091135	8.489422215	6.260555194	7.061510478	8.860034393	8.594335036
ENSMUSG00000091140	12.02668147	7.651789682	8.473812573	8.054576721	7.87814045
ENSMUSG00000091146	7.074518513	11.82549314	19.77222934	9.665492065	8.594335036
ENSMUSG00000091147	8.489422215	9.738641413	3.530755239	4.02728836	2.864778345
ENSMUSG00000091149	17.68629628	29.21592424	30.36449505	13.69278043	17.18867007
ENSMUSG00000091151	6.367066661	9.738641413	7.767661525	8.860034393	7.161945863
ENSMUSG00000091154	24.76081479	31.99839321	29.65834401	54.7711217	43.68786977
ENSMUSG00000091157	7.074518513	9.043024169	4.236906287	8.054576721	3.580972932
ENSMUSG00000091159	24.76081479	54.95376226	46.60596915	16.91461111	24.35061594
ENSMUSG00000091160	6.367066661	12.52111039	10.59226572	10.47094974	8.594335036
ENSMUSG00000091163	9.904325918	3.478086219	5.649208382	3.221830688	4.297167518
ENSMUSG00000091165	16.97884443	31.30277597	21.89068248	40.2728836	25.06681052
ENSMUSG00000091172	2.122355554	8.347406925	7.767661525	1.610915344	5.729556691
ENSMUSG00000091174	7.074518513	8.347406925	4.943057334	3.221830688	7.87814045
ENSMUSG00000091177	0	0	0	0	0
ENSMUSG00000091183	14.85648888	25.73783802	28.24604191	23.35827249	21.48583759
ENSMUSG00000091184	8.489422215	6.260555194	7.061510478	8.054576721	6.445751277
ENSMUSG00000091189	7.781970364	6.260555194	1.412302096	5.638203705	12.89150255
ENSMUSG00000091192	8.489422215	7.651789682	8.473812573	5.638203705	2.864778345

ENSMUSG00000091193	7.781970364	7.651789682	4.943057334	1.610915344	6.445751277
ENSMUSG00000091194	10.61177777	9.738641413	2.824604191	7.249119049	8.594335036
ENSMUSG00000091195	6.367066661	8.347406925	5.649208382	1.610915344	2.864778345
ENSMUSG00000091198	4.244711108	6.956172438	7.061510478	12.88732275	7.87814045
ENSMUSG00000091199	55.88869625	32.69401046	36.71985448	83.7675979	54.43078856
ENSMUSG00000091204	9.196874066	5.56493795	5.649208382	6.443661377	5.013362104
ENSMUSG00000091205	9.904325918	5.56493795	7.061510478	3.221830688	3.580972932
ENSMUSG00000091206	10.61177777	7.651789682	9.179963621	5.638203705	5.013362104
ENSMUSG00000091215	14.85648888	8.347406925	12.00456781	7.249119049	8.594335036
ENSMUSG00000091216	0	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG00000091221	9.904325918	9.043024169	6.35535943	6.443661377	7.87814045
ENSMUSG00000091223	9.904325918	15.99919661	9.886114669	16.91461111	10.7429188
ENSMUSG00000091227	7.781970364	11.82549314	9.179963621	1.610915344	2.864778345
ENSMUSG00000091230	5.65961481	6.956172438	5.649208382	9.665492065	11.45911338
ENSMUSG00000091233	9.904325918	9.043024169	9.179963621	8.860034393	7.161945863
ENSMUSG00000091237	6.367066661	6.260555194	6.35535943	5.638203705	8.594335036
ENSMUSG00000091238	23.34591109	31.30277597	25.42143772	35.44013757	48.70123187
ENSMUSG00000091239	12.02668147	7.651789682	7.061510478	5.638203705	7.87814045
ENSMUSG00000091243	10.61177777	3.478086219	9.886114669	3.221830688	4.297167518
ENSMUSG00000091248	7.781970364	9.043024169	7.061510478	2.416373016	5.729556691
ENSMUSG00000091259	16.27139258	11.1298759	9.179963621	6.443661377	5.013362104
ENSMUSG00000091260	7.781970364	12.52111039	10.59226572	7.249119049	3.580972932
ENSMUSG00000091268	14.85648888	6.260555194	4.943057334	6.443661377	9.310529622
ENSMUSG00000091269	9.196874066	7.651789682	9.886114669	16.91461111	14.32389173
ENSMUSG00000091271	11.31922962	15.99919661	14.12302096	12.88732275	10.7429188
ENSMUSG00000091273	13.44158517	10.43425866	7.767661525	9.665492065	6.445751277
ENSMUSG00000091280	5.65961481	7.651789682	5.649208382	7.249119049	2.148583759
ENSMUSG00000091281	14.85648888	10.43425866	13.41686991	8.860034393	7.161945863
ENSMUSG00000091283	10.61177777	6.260555194	7.767661525	4.02728836	7.87814045
ENSMUSG00000091285	9.196874066	9.043024169	4.236906287	9.665492065	5.013362104
ENSMUSG00000091286	17.68629628	8.347406925	12.71071886	11.27640741	14.32389173
ENSMUSG00000091288	8.489422215	7.651789682	10.59226572	7.249119049	5.729556691
ENSMUSG00000091289	10.61177777	9.043024169	8.473812573	6.443661377	9.310529622
ENSMUSG00000091290	14.14903703	6.260555194	6.35535943	8.054576721	4.297167518
ENSMUSG00000091292	9.904325918	12.52111039	6.35535943	4.832746033	9.310529622
ENSMUSG00000091293	7.781970364	4.869320706	11.29841676	4.832746033	6.445751277
ENSMUSG00000091304	12.73413332	6.260555194	11.29841676	4.832746033	6.445751277
ENSMUSG00000091305	7.781970364	5.56493795	10.59226572	3.221830688	7.87814045
ENSMUSG00000091306	6.367066661	12.52111039	9.179963621	12.08186508	12.89150255
ENSMUSG00000091307	5.65961481	6.956172438	11.29841676	6.443661377	5.729556691
ENSMUSG00000091312	6.367066661	5.56493795	12.71071886	8.054576721	7.161945863
ENSMUSG00000091313	8.489422215	12.52111039	9.886114669	10.47094974	5.013362104
ENSMUSG00000091315	14.14903703	29.21592424	22.59683353	38.66196826	25.06681052

ENSMUSG00000091325	10.61177777	8.347406925	10.59226572	4.832746033	2.864778345
ENSMUSG00000091326	0	0	0	0	0
ENSMUSG00000091329	10.61177777	6.956172438	5.649208382	5.638203705	8.594335036
ENSMUSG00000091336	7.074518513	11.82549314	3.530755239	7.249119049	4.297167518
ENSMUSG00000091347	8.489422215	6.260555194	4.943057334	5.638203705	5.729556691
ENSMUSG00000091350	6.367066661	2.086851731	5.649208382	4.832746033	4.297167518
ENSMUSG00000091351	9.196874066	11.1298759	5.649208382	4.02728836	8.594335036
ENSMUSG00000091355	7.781970364	10.43425866	11.29841676	7.249119049	5.729556691
ENSMUSG00000091358	8.489422215	7.651789682	7.767661525	8.054576721	6.445751277
ENSMUSG00000091361	10.61177777	6.260555194	4.236906287	7.249119049	10.7429188
ENSMUSG00000091363	28.29807405	34.08524495	25.42143772	19.33098413	20.05344842
ENSMUSG00000091366	8.489422215	6.260555194	10.59226572	383.3978519	246.3709377
ENSMUSG00000091367	14.14903703	25.04222078	34.60140134	26.58010318	30.08017263
ENSMUSG00000091368	14.85648888	8.347406925	6.35535943	4.02728836	12.17530797
ENSMUSG00000091370	16.97884443	6.956172438	7.767661525	1.610915344	7.87814045
ENSMUSG00000091373	9.196874066	4.869320706	9.886114669	5.638203705	13.60769714
ENSMUSG00000091375	9.196874066	5.56493795	7.061510478	9.665492065	5.013362104
ENSMUSG00000091378	20.51610369	20.86851731	21.18453143	16.10915344	15.7562809
ENSMUSG00000091383	9.904325918	7.651789682	6.35535943	4.02728836	10.7429188
ENSMUSG00000091386	5.65961481	7.651789682	7.061510478	3.221830688	4.297167518
ENSMUSG00000091388	9.196874066	13.91234488	7.061510478	4.832746033	6.445751277
ENSMUSG00000091390	8.489422215	4.869320706	8.473812573	13.69278043	5.729556691
ENSMUSG00000091396	12.73413332	11.82549314	3.530755239	3.221830688	3.580972932
ENSMUSG00000091401	3.537259256	1.391234488	2.118453143	4.02728836	1.432389173
ENSMUSG00000091404	7.074518513	12.52111039	14.829172	4.02728836	2.864778345
ENSMUSG00000091407	22.63845924	15.99919661	16.2414741	8.054576721	17.18867007
ENSMUSG00000091408	12.02668147	11.82549314	13.41686991	16.10915344	20.05344842
ENSMUSG00000091410	9.196874066	4.173703463	12.00456781	2.416373016	7.161945863
ENSMUSG00000091412	9.196874066	9.043024169	9.886114669	8.860034393	9.310529622
ENSMUSG00000091416	11.31922962	13.91234488	7.061510478	5.638203705	7.87814045
ENSMUSG00000091419	7.074518513	26.43345526	29.65834401	16.91461111	22.20203218
ENSMUSG00000091421	23.34591109	24.34660353	26.83373982	31.41284921	21.48583759
ENSMUSG00000091425	7.074518513	2.782468975	11.29841676	4.02728836	5.013362104
ENSMUSG00000091426	17.68629628	17.39043109	26.83373982	11.27640741	14.32389173
ENSMUSG00000091429	7.781970364	9.738641413	9.886114669	8.054576721	7.161945863
ENSMUSG00000091430	13.44158517	4.173703463	5.649208382	4.02728836	4.297167518
ENSMUSG00000091435	14.14903703	6.956172438	5.649208382	12.08186508	3.580972932
ENSMUSG00000091438	19.80865184	43.82388636	37.42600553	43.49471429	35.09353473
ENSMUSG00000091441	5.65961481	5.56493795	8.473812573	7.249119049	11.45911338
ENSMUSG00000091442	7.781970364	4.869320706	4.236906287	4.832746033	9.310529622
ENSMUSG00000091443	10.61177777	9.043024169	7.767661525	8.054576721	12.17530797
ENSMUSG00000091449	4.952162959	6.956172438	9.886114669	18.52552646	10.02672421
ENSMUSG00000091450	8.489422215	9.738641413	7.061510478	4.02728836	10.02672421

ENSMUSG00000091453	9.196874066	5.56493795	10.59226572	8.054576721	6.445751277
ENSMUSG00000091457	10.61177777	4.173703463	7.767661525	8.860034393	4.297167518
ENSMUSG00000091459	9.196874066	9.043024169	9.179963621	1.610915344	7.161945863
ENSMUSG00000091460	7.781970364	5.56493795	12.00456781	4.832746033	9.310529622
ENSMUSG00000091462	4.952162959	9.738641413	7.061510478	6.443661377	10.7429188
ENSMUSG00000091466	7.074518513	11.1298759	6.35535943	4.832746033	8.594335036
ENSMUSG00000091470	23.34591109	9.043024169	12.00456781	7.249119049	9.310529622
ENSMUSG00000091471	11.31922962	15.30357936	21.89068248	16.10915344	14.32389173
ENSMUSG00000091475	3.537259256	4.869320706	9.179963621	11.27640741	6.445751277
ENSMUSG00000091478	7.074518513	10.43425866	7.767661525	14.4982381	16.47247549
ENSMUSG00000091479	6.367066661	6.956172438	9.179963621	6.443661377	6.445751277
ENSMUSG00000091481	24.05336294	15.99919661	17.65377619	19.33098413	12.17530797
ENSMUSG00000091483	15.56394073	4.869320706	8.473812573	5.638203705	8.594335036
ENSMUSG00000091486	9.196874066	6.260555194	14.12302096	5.638203705	11.45911338
ENSMUSG00000091487	9.196874066	4.173703463	9.886114669	7.249119049	6.445751277
ENSMUSG00000091491	7.781970364	5.56493795	10.59226572	8.054576721	7.87814045
ENSMUSG00000091492	19.80865184	49.38882431	28.95219296	16.91461111	25.06681052
ENSMUSG00000091496	9.196874066	7.651789682	7.767661525	4.832746033	6.445751277
ENSMUSG00000091497	4.244711108	5.56493795	2.118453143	3.221830688	0
ENSMUSG00000091498	48.10672589	70.25734162	57.19823487	32.21830688	40.82309142
ENSMUSG00000091504	16.97884443	6.956172438	9.886114669	4.02728836	4.297167518
ENSMUSG00000091507	108.2401332	188.5122731	151.1163242	142.566008	116.7397176
ENSMUSG00000091509	7.781970364	14.60796212	10.59226572	8.860034393	13.60769714
ENSMUSG00000091510	2.122355554	1.391234488	2.824604191	0.805457672	3.580972932
ENSMUSG00000091511	2.829807405	6.956172438	7.061510478	6.443661377	5.729556691
ENSMUSG00000091515	11.31922962	13.21672763	12.00456781	6.443661377	11.45911338
ENSMUSG00000091523	16.97884443	10.43425866	6.35535943	11.27640741	6.445751277
ENSMUSG00000091526	11.31922962	6.260555194	8.473812573	4.832746033	6.445751277
ENSMUSG00000091528	5.65961481	4.869320706	6.35535943	3.221830688	9.310529622
ENSMUSG00000091530	9.196874066	9.738641413	5.649208382	3.221830688	7.87814045
ENSMUSG00000091534	22.63845924	38.95456565	36.01370344	25.77464551	29.36397804
ENSMUSG00000091539	15.56394073	13.91234488	9.886114669	7.249119049	8.594335036
ENSMUSG00000091542	5.65961481	2.782468975	4.236906287	3.221830688	2.148583759
ENSMUSG00000091548	8.489422215	6.260555194	12.71071886	5.638203705	5.013362104
ENSMUSG00000091549	11.31922962	13.21672763	15.53532305	9.665492065	16.47247549
ENSMUSG00000091550	2.122355554	2.782468975	7.061510478	1.610915344	4.297167518
ENSMUSG00000091552	10.61177777	2.782468975	11.29841676	4.832746033	4.297167518
ENSMUSG00000091553	11.31922962	6.956172438	5.649208382	7.249119049	7.161945863
ENSMUSG00000091556	6.367066661	2.782468975	5.649208382	3.221830688	3.580972932
ENSMUSG00000091557	7.781970364	6.956172438	4.943057334	6.443661377	2.864778345
ENSMUSG00000091561	243.3634368	246.2485043	241.5036583	342.3195106	260.6948294
ENSMUSG00000091562	15.56394073	20.86851731	23.30298458	24.16373016	27.93158887
ENSMUSG00000091569	6.367066661	4.173703463	4.943057334	8.054576721	7.87814045



ENSMUSG00000091570	15.56394073	13.91234488	16.2414741	8.054576721	12.89150255
ENSMUSG00000091573	10.61177777	5.56493795	4.943057334	6.443661377	5.729556691
ENSMUSG00000091575	11.31922962	41.73703463	26.12758877	10.47094974	21.48583759
ENSMUSG00000091577	9.196874066	5.56493795	9.886114669	4.832746033	7.87814045
ENSMUSG00000091580	13.44158517	6.260555194	5.649208382	6.443661377	10.02672421
ENSMUSG00000091583	10.61177777	6.260555194	4.236906287	8.860034393	6.445751277
ENSMUSG00000091587	1.414903703	2.782468975	2.118453143	0.805457672	0.716194586
ENSMUSG00000091595	7.074518513	4.869320706	6.35535943	3.221830688	5.013362104
ENSMUSG00000091604	20.51610369	21.56413456	30.36449505	27.38556085	24.35061594
ENSMUSG00000091605	12.73413332	6.956172438	9.179963621	4.832746033	5.729556691
ENSMUSG00000091606	3.537259256	4.869320706	3.530755239	1.610915344	5.013362104
ENSMUSG00000091611	10.61177777	5.56493795	11.29841676	3.221830688	9.310529622
ENSMUSG00000091613	6.367066661	5.56493795	9.886114669	7.249119049	6.445751277
ENSMUSG00000091614	5.65961481	7.651789682	9.886114669	8.860034393	8.594335036
ENSMUSG00000091615	5.65961481	8.347406925	7.061510478	6.443661377	5.013362104
ENSMUSG00000091619	102.5805184	128.6891901	112.2780166	207.0026217	164.7247549
ENSMUSG00000091620	11.31922962	9.738641413	6.35535943	4.832746033	9.310529622
ENSMUSG00000091623	84.89422215	114.7768452	79.08891735	170.7570265	118.8883013
ENSMUSG00000091624	10.61177777	9.043024169	7.061510478	7.249119049	7.161945863
ENSMUSG00000091627	7.074518513	8.347406925	10.59226572	4.02728836	13.60769714
ENSMUSG00000091631	4.244711108	6.956172438	7.061510478	6.443661377	5.729556691
ENSMUSG00000091635	5.65961481	5.56493795	7.061510478	8.860034393	5.729556691
ENSMUSG00000091638	10.61177777	3.478086219	2.118453143	6.443661377	4.297167518
ENSMUSG00000091639	12.02668147	11.1298759	10.59226572	13.69278043	13.60769714
ENSMUSG00000091644	19.10119998	15.30357936	21.89068248	16.91461111	20.769643
ENSMUSG00000091651	7.074518513	9.738641413	7.767661525	4.832746033	3.580972932
ENSMUSG00000091652	9.196874066	7.651789682	8.473812573	5.638203705	5.013362104
ENSMUSG00000091655	14.14903703	13.91234488	8.473812573	13.69278043	11.45911338
ENSMUSG00000091656	9.904325918	9.043024169	9.179963621	8.860034393	3.580972932
ENSMUSG00000091657	10.61177777	7.651789682	11.29841676	6.443661377	9.310529622
ENSMUSG00000091659	9.904325918	4.869320706	6.35535943	10.47094974	7.161945863
ENSMUSG00000091661	8.489422215	9.043024169	6.35535943	7.249119049	8.594335036
ENSMUSG00000091665	9.904325918	6.260555194	8.473812573	9.665492065	8.594335036
ENSMUSG00000091668	9.904325918	8.347406925	12.00456781	6.443661377	10.02672421
ENSMUSG00000091669	7.074518513	5.56493795	7.061510478	7.249119049	10.7429188
ENSMUSG00000091670	9.196874066	9.738641413	6.35535943	0.805457672	5.013362104
ENSMUSG00000091671	7.074518513	10.43425866	7.061510478	8.054576721	5.729556691
ENSMUSG00000091672	13.44158517	8.347406925	4.236906287	3.221830688	5.013362104
ENSMUSG00000091681	11.31922962	7.651789682	7.061510478	6.443661377	5.013362104
ENSMUSG00000091682	8.489422215	6.260555194	7.061510478	3.221830688	5.729556691
ENSMUSG00000091686	10.61177777	6.956172438	6.35535943	8.054576721	7.87814045
ENSMUSG00000091695	7.074518513	4.173703463	8.473812573	12.88732275	12.17530797
ENSMUSG00000091697	10.61177777	6.260555194	8.473812573	1.610915344	7.87814045

ENSMUSG00000091703	9.196874066	7.651789682	5.649208382	5.638203705	7.87814045
ENSMUSG00000091707	9.904325918	7.651789682	7.061510478	8.054576721	10.02672421
ENSMUSG00000091709	14.85648888	9.043024169	12.71071886	8.054576721	8.594335036
ENSMUSG00000091713	4.952162959	5.56493795	5.649208382	5.638203705	2.864778345
ENSMUSG00000091718	10.61177777	3.478086219	7.061510478	5.638203705	7.161945863
ENSMUSG00000091723	13.44158517	14.60796212	3.530755239	2.416373016	3.580972932
ENSMUSG00000091725	9.904325918	6.260555194	7.767661525	8.054576721	9.310529622
ENSMUSG00000091730	7.074518513	7.651789682	9.179963621	9.665492065	9.310529622
ENSMUSG00000091731	4.244711108	6.956172438	10.59226572	4.832746033	6.445751277
ENSMUSG00000091732	30.4204296	25.73783802	24.00913562	20.1364418	22.91822676
ENSMUSG00000091740	14.85648888	10.43425866	7.767661525	4.832746033	5.729556691
ENSMUSG00000091741	14.85648888	10.43425866	8.473812573	8.054576721	10.02672421
ENSMUSG00000091742	2.829807405	2.086851731	1.412302096	3.221830688	1.432389173
ENSMUSG00000091743	5.65961481	4.869320706	4.236906287	4.832746033	7.161945863
ENSMUSG00000091745	6.367066661	11.1298759	2.824604191	3.221830688	6.445751277
ENSMUSG00000091749	8.489422215	5.56493795	3.530755239	5.638203705	5.729556691
ENSMUSG00000091752	9.904325918	9.043024169	7.767661525	7.249119049	10.02672421
ENSMUSG00000091757	11.31922962	3.478086219	9.886114669	9.665492065	4.297167518
ENSMUSG00000091762	10.61177777	4.869320706	4.943057334	5.638203705	5.729556691
ENSMUSG00000091764	9.904325918	8.347406925	9.179963621	11.27640741	6.445751277
ENSMUSG00000091768	7.781970364	9.738641413	14.829172	7.249119049	7.87814045
ENSMUSG00000091771	7.781970364	9.043024169	7.061510478	7.249119049	5.729556691
ENSMUSG00000091775	7.781970364	11.82549314	4.943057334	4.02728836	7.161945863
ENSMUSG00000091776	11.31922962	6.956172438	4.943057334	2.416373016	5.013362104
ENSMUSG00000091784	13.44158517	26.43345526	20.47838039	13.69278043	24.35061594
ENSMUSG00000091785	8.489422215	10.43425866	10.59226572	8.054576721	5.729556691
ENSMUSG00000091786	7.074518513	6.956172438	4.236906287	5.638203705	7.161945863
ENSMUSG00000091788	11.31922962	7.651789682	12.00456781	5.638203705	12.89150255
ENSMUSG00000091800	8.489422215	9.738641413	4.236906287	4.02728836	5.013362104
ENSMUSG00000091805	8.489422215	6.260555194	4.943057334	1.610915344	3.580972932
ENSMUSG00000091806	8.489422215	13.91234488	18.35992724	11.27640741	20.769643
ENSMUSG00000091808	12.02668147	5.56493795	9.886114669	7.249119049	7.87814045
ENSMUSG00000091809	11.31922962	4.869320706	7.061510478	9.665492065	8.594335036
ENSMUSG00000091812	0.707451851	3.478086219	2.824604191	4.02728836	5.013362104
ENSMUSG00000091813	9.904325918	8.347406925	4.943057334	4.832746033	11.45911338
ENSMUSG00000091815	21.22355554	23.65098629	24.71528667	14.4982381	13.60769714
ENSMUSG00000091816	5.65961481	6.260555194	2.824604191	5.638203705	8.594335036
ENSMUSG00000091817	11.31922962	7.651789682	7.061510478	8.054576721	5.729556691
ENSMUSG00000091818	0.707451851	0	0.706151048	0	0.716194586
ENSMUSG00000091821	7.781970364	8.347406925	4.943057334	4.02728836	2.864778345
ENSMUSG00000091825	7.074518513	5.56493795	4.236906287	4.832746033	5.729556691
ENSMUSG00000091832	32.54278516	23.65098629	19.06607829	20.1364418	17.18867007
ENSMUSG00000091834	16.27139258	6.260555194	5.649208382	6.443661377	6.445751277

ENSMUSG00000091842	4.244711108	6.956172438	7.767661525	4.02728836	5.729556691
ENSMUSG00000091844	7.781970364	11.1298759	8.473812573	8.860034393	5.729556691
ENSMUSG00000091845	9.904325918	18.78166558	14.12302096	8.860034393	8.594335036
ENSMUSG00000091847	8.489422215	13.21672763	9.886114669	12.88732275	12.89150255
ENSMUSG00000091849	18.39374813	4.869320706	7.767661525	6.443661377	6.445751277
ENSMUSG00000091859	10.61177777	8.347406925	9.886114669	8.054576721	7.161945863
ENSMUSG00000091863	2.122355554	2.086851731	0.706151048	4.02728836	2.148583759
ENSMUSG00000091864	45.98437033	53.56252777	55.07978173	31.41284921	42.25548059
ENSMUSG00000091866	6.367066661	6.956172438	7.767661525	9.665492065	6.445751277
ENSMUSG00000091876	26.88317035	39.6501829	30.36449505	28.19101852	30.79636721
ENSMUSG00000091879	6.367066661	8.347406925	7.767661525	5.638203705	7.161945863
ENSMUSG00000091881	21.93100739	23.65098629	26.83373982	15.30369577	17.90486466
ENSMUSG00000091887	7.781970364	4.869320706	6.35535943	4.02728836	5.013362104
ENSMUSG00000091894	10.61177777	6.956172438	5.649208382	5.638203705	6.445751277
ENSMUSG00000091902	10.61177777	6.260555194	4.943057334	2.416373016	9.310529622
ENSMUSG00000091905	6.367066661	9.043024169	10.59226572	10.47094974	5.729556691
ENSMUSG00000091906	5.65961481	11.1298759	12.00456781	9.665492065	9.310529622
ENSMUSG00000091911	7.781970364	9.738641413	6.35535943	6.443661377	5.729556691
ENSMUSG00000091926	6.367066661	7.651789682	10.59226572	6.443661377	9.310529622
ENSMUSG00000091929	4.952162959	5.56493795	7.767661525	2.416373016	8.594335036
ENSMUSG00000091930	7.074518513	9.738641413	8.473812573	6.443661377	6.445751277
ENSMUSG00000091933	0	0.695617244	0	0	0
ENSMUSG00000091936	9.196874066	6.956172438	10.59226572	4.832746033	8.594335036
ENSMUSG00000091941	12.02668147	24.34660353	13.41686991	12.08186508	20.769643
ENSMUSG00000091942	4.952162959	10.43425866	11.29841676	4.02728836	8.594335036
ENSMUSG00000091945	14.85648888	6.260555194	12.71071886	8.054576721	12.89150255
ENSMUSG00000091947	44.56946663	74.43104508	60.02283906	62.82569842	59.44415067
ENSMUSG00000091952	48.81417774	68.17048989	69.90895373	49.93837567	44.40406435
ENSMUSG00000091954	7.074518513	7.651789682	11.29841676	11.27640741	7.161945863
ENSMUSG00000091957	14.14903703	7.651789682	10.59226572	11.27640741	21.48583759
ENSMUSG00000091960	12.02668147	9.738641413	20.47838039	7.249119049	4.297167518
ENSMUSG00000091961	16.27139258	9.738641413	16.2414741	4.832746033	7.87814045
ENSMUSG00000091967	11.31922962	3.478086219	5.649208382	4.02728836	5.013362104
ENSMUSG00000091968	123.804074	142.601535	144.0548137	200.5589604	151.1170577
ENSMUSG00000091970	12.02668147	5.56493795	5.649208382	8.054576721	10.7429188
ENSMUSG00000091980	8.489422215	7.651789682	4.236906287	4.02728836	12.17530797
ENSMUSG00000091981	9.904325918	4.869320706	8.473812573	9.665492065	13.60769714
ENSMUSG00000091985	10.61177777	9.043024169	7.061510478	5.638203705	7.87814045
ENSMUSG00000091989	13.44158517	20.86851731	14.12302096	16.91461111	19.33725383
ENSMUSG00000091990	9.196874066	9.043024169	12.71071886	3.221830688	2.148583759
ENSMUSG00000091993	2.122355554	7.651789682	2.118453143	2.416373016	3.580972932
ENSMUSG00000091994	143.6127258	139.819066	129.9317928	473.6091112	315.8418126
ENSMUSG00000091995	10.61177777	4.173703463	7.767661525	7.249119049	4.297167518

ENSMUSG00000091997	70.74518513	88.34338996	86.15042783	64.43661377	80.92998826
ENSMUSG00000091998	11.31922962	9.043024169	10.59226572	5.638203705	10.7429188
ENSMUSG00000092004	7.781970364	10.43425866	5.649208382	7.249119049	5.729556691
ENSMUSG00000092006	9.904325918	18.08604834	11.29841676	7.249119049	12.89150255
ENSMUSG00000092009	7.781970364	4.869320706	5.649208382	5.638203705	3.580972932
ENSMUSG00000092012	12.02668147	3.478086219	7.767661525	5.638203705	9.310529622
ENSMUSG00000092014	7.781970364	7.651789682	5.649208382	8.054576721	10.02672421
ENSMUSG00000092027	13.44158517	5.56493795	9.179963621	4.832746033	5.013362104
ENSMUSG00000092029	6.367066661	9.738641413	4.943057334	5.638203705	7.161945863
ENSMUSG00000092031	9.904325918	6.260555194	8.473812573	7.249119049	9.310529622
ENSMUSG00000092032	9.196874066	11.1298759	8.473812573	7.249119049	5.729556691
ENSMUSG00000092036	12.73413332	9.738641413	9.886114669	4.832746033	5.013362104
ENSMUSG00000092039	13.44158517	8.347406925	8.473812573	4.832746033	5.729556691
ENSMUSG00000092040	10.61177777	4.869320706	4.943057334	7.249119049	10.02672421
ENSMUSG00000092042	7.781970364	6.260555194	2.824604191	5.638203705	9.310529622
ENSMUSG00000092045	7.074518513	9.738641413	8.473812573	8.860034393	2.864778345
ENSMUSG00000092047	9.196874066	9.043024169	9.179963621	9.665492065	7.87814045
ENSMUSG00000092048	8.489422215	9.043024169	9.886114669	8.054576721	7.161945863
ENSMUSG00000092051	3.537259256	3.478086219	7.061510478	3.221830688	1.432389173
ENSMUSG00000092054	8.489422215	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000092055	7.781970364	13.21672763	12.71071886	1.610915344	8.594335036
ENSMUSG00000092056	11.31922962	12.52111039	7.061510478	0.805457672	7.161945863
ENSMUSG00000092062	7.781970364	14.60796212	12.00456781	9.665492065	13.60769714
ENSMUSG00000092066	11.31922962	2.782468975	5.649208382	3.221830688	4.297167518
ENSMUSG00000092075	9.904325918	5.56493795	0.706151048	5.638203705	7.161945863
ENSMUSG00000092076	7.074518513	7.651789682	10.59226572	14.4982381	10.7429188
ENSMUSG00000092080	9.904325918	6.956172438	8.473812573	4.02728836	4.297167518
ENSMUSG00000092085	14.14903703	10.43425866	9.179963621	3.221830688	4.297167518
ENSMUSG00000092090	11.31922962	6.956172438	5.649208382	5.638203705	5.729556691
ENSMUSG00000092092	9.196874066	3.478086219	7.061510478	7.249119049	5.013362104
ENSMUSG00000092093	23.34591109	17.39043109	25.42143772	9.665492065	12.89150255
ENSMUSG00000092094	13.44158517	6.956172438	14.12302096	7.249119049	9.310529622
ENSMUSG00000092097	12.73413332	7.651789682	7.767661525	8.860034393	11.45911338
ENSMUSG00000092103	48.81417774	79.30036579	67.79050059	49.93837567	33.66114556
ENSMUSG00000092107	7.074518513	9.043024169	9.886114669	4.832746033	2.148583759
ENSMUSG00000092109	7.781970364	4.173703463	8.473812573	6.443661377	7.87814045
ENSMUSG00000092111	9.196874066	6.260555194	9.179963621	5.638203705	5.729556691
ENSMUSG00000092116	9.904325918	5.56493795	7.061510478	8.054576721	10.7429188
ENSMUSG00000092120	8.489422215	7.651789682	7.061510478	8.054576721	6.445751277
ENSMUSG00000092123	9.196874066	9.043024169	7.767661525	8.860034393	5.013362104
ENSMUSG00000092125	11.31922962	11.82549314	9.886114669	2.416373016	7.161945863
ENSMUSG00000092131	3.537259256	4.173703463	3.530755239	1.610915344	3.580972932
ENSMUSG00000092134	14.14903703	16.69481385	18.35992724	16.10915344	21.48583759

ENSMUSG00000092142	14.14903703	11.82549314	10.59226572	3.221830688	9.310529622
ENSMUSG00000092144	10.61177777	10.43425866	11.29841676	8.054576721	3.580972932
ENSMUSG00000092147	6.367066661	6.956172438	10.59226572	9.665492065	5.729556691
ENSMUSG00000092148	13.44158517	7.651789682	8.473812573	6.443661377	5.729556691
ENSMUSG00000092152	14.85648888	9.043024169	7.767661525	9.665492065	7.87814045
ENSMUSG00000092157	7.781970364	5.56493795	5.649208382	5.638203705	8.594335036
ENSMUSG00000092162	7.074518513	7.651789682	4.943057334	3.221830688	2.148583759
ENSMUSG00000092165	12.73413332	9.043024169	9.179963621	7.249119049	5.013362104
ENSMUSG00000092166	11.31922962	5.56493795	14.12302096	6.443661377	11.45911338
ENSMUSG00000092168	10.61177777	11.82549314	9.886114669	8.860034393	5.013362104
ENSMUSG00000092171	9.904325918	2.782468975	7.061510478	10.47094974	5.729556691
ENSMUSG00000092172	7.781970364	9.043024169	7.767661525	4.832746033	8.594335036
ENSMUSG00000092173	8.489422215	8.347406925	11.29841676	3.221830688	7.161945863
ENSMUSG00000092174	12.02668147	12.52111039	15.53532305	8.860034393	9.310529622
ENSMUSG00000092175	8.489422215	4.173703463	11.29841676	6.443661377	5.729556691
ENSMUSG00000092176	4.952162959	3.478086219	3.530755239	0.805457672	2.148583759
ENSMUSG00000092178	7.074518513	6.260555194	7.767661525	4.832746033	8.594335036
ENSMUSG00000092179	9.904325918	9.043024169	4.943057334	1.610915344	2.148583759
ENSMUSG00000092180	3.537259256	9.043024169	10.59226572	7.249119049	5.013362104
ENSMUSG00000092181	60.13340736	103.6469693	76.26431316	45.91108731	51.56601022
ENSMUSG00000092182	37.49494812	67.47487265	67.79050059	32.21830688	37.24211849
ENSMUSG00000092183	26.1757185	30.60715873	37.42600553	34.6346799	22.91822676
ENSMUSG00000092184	9.904325918	8.347406925	5.649208382	3.221830688	5.729556691
ENSMUSG00000092185	8.489422215	9.043024169	3.530755239	4.832746033	5.729556691
ENSMUSG00000092186	11.31922962	6.956172438	5.649208382	6.443661377	4.297167518
ENSMUSG00000092187	24.76081479	27.82468975	26.83373982	25.77464551	27.93158887
ENSMUSG00000092188	7.074518513	11.82549314	4.236906287	6.443661377	5.013362104
ENSMUSG00000092189	12.02668147	11.1298759	12.00456781	10.47094974	10.02672421
ENSMUSG00000092190	10.61177777	13.21672763	10.59226572	9.665492065	12.89150255
ENSMUSG00000092191	7.074518513	7.651789682	7.061510478	5.638203705	10.02672421
ENSMUSG00000092193	8.489422215	4.173703463	9.886114669	2.416373016	1.432389173
ENSMUSG00000092195	5.65961481	6.956172438	8.473812573	5.638203705	3.580972932
ENSMUSG00000092196	12.73413332	8.347406925	11.29841676	6.443661377	5.729556691
ENSMUSG00000092197	0	0	0.706151048	0	0
ENSMUSG00000092199	14.14903703	12.52111039	8.473812573	1.610915344	5.729556691
ENSMUSG00000092200	6.367066661	4.173703463	4.943057334	8.860034393	8.594335036
ENSMUSG00000092201	0	0	0	0	0
ENSMUSG00000092202	9.196874066	5.56493795	6.35535943	5.638203705	9.310529622
ENSMUSG00000092203	0	0	0	0	0
ENSMUSG00000092204	11.31922962	6.956172438	8.473812573	3.221830688	5.729556691
ENSMUSG00000092208	7.781970364	13.21672763	4.943057334	7.249119049	4.297167518
ENSMUSG00000092211	11.31922962	6.260555194	9.886114669	2.416373016	3.580972932
ENSMUSG00000092212	8.489422215	6.260555194	12.00456781	4.832746033	4.297167518

ENSMUSG0000092213	15.56394073	6.260555194	6.35535943	6.443661377	10.02672421
ENSMUSG0000092214	8.489422215	4.173703463	10.59226572	8.860034393	7.87814045
ENSMUSG0000092217	7.074518513	10.43425866	5.649208382	4.02728836	5.013362104
ENSMUSG0000092218	0	0	0	0	0
ENSMUSG0000092219	7.074518513	3.478086219	7.061510478	9.665492065	5.729556691
ENSMUSG0000092220	73.57499253	63.99678643	51.54902649	33.02376456	53.71459398
ENSMUSG0000092221	12.73413332	4.173703463	7.767661525	6.443661377	3.580972932
ENSMUSG0000092222	60.84085921	91.12585893	71.32125582	51.54929101	43.68786977
ENSMUSG0000092223	11.31922962	7.651789682	6.35535943	3.221830688	4.297167518
ENSMUSG0000092224	7.781970364	12.52111039	8.473812573	13.69278043	11.45911338
ENSMUSG0000092227	11.31922962	6.260555194	8.473812573	2.416373016	10.02672421
ENSMUSG0000092228	7.781970364	6.956172438	4.943057334	6.443661377	7.161945863
ENSMUSG0000092229	19.10119998	4.173703463	9.179963621	8.860034393	8.594335036
ENSMUSG0000092230	10.61177777	5.56493795	3.530755239	2.416373016	7.87814045
ENSMUSG0000092231	7.074518513	7.651789682	6.35535943	9.665492065	8.594335036
ENSMUSG0000092233	77.81970364	114.7768452	69.90895373	211.0299101	186.926787
ENSMUSG0000092237	9.904325918	6.956172438	12.00456781	6.443661377	6.445751277
ENSMUSG0000092238	9.904325918	9.043024169	7.061510478	5.638203705	8.594335036
ENSMUSG0000092239	11.31922962	4.869320706	8.473812573	12.08186508	5.729556691
ENSMUSG0000092240	7.074518513	5.56493795	9.886114669	3.221830688	7.161945863
ENSMUSG0000092241	37.49494812	52.17129328	65.67204744	96.65492065	83.07857202
ENSMUSG0000092242	12.02668147	9.043024169	5.649208382	5.638203705	8.594335036
ENSMUSG0000092245	6.367066661	4.869320706	7.061510478	8.860034393	6.445751277
ENSMUSG0000092246	31.83533331	48.69320706	59.31668801	26.58010318	35.80972932
ENSMUSG0000092247	7.781970364	6.956172438	14.12302096	6.443661377	14.32389173
ENSMUSG0000092248	8.489422215	9.043024169	5.649208382	5.638203705	5.729556691
ENSMUSG0000092249	7.781970364	7.651789682	12.00456781	9.665492065	7.87814045
ENSMUSG0000092250	4.952162959	6.260555194	7.767661525	6.443661377	7.87814045
ENSMUSG0000092253	9.904325918	8.347406925	7.061510478	2.416373016	5.729556691
ENSMUSG0000092255	6.367066661	4.173703463	2.824604191	3.221830688	2.864778345
ENSMUSG0000092256	9.904325918	9.043024169	8.473812573	4.02728836	3.580972932
ENSMUSG0000092257	7.781970364	6.956172438	7.767661525	6.443661377	7.161945863
ENSMUSG0000092258	88.43148141	85.56092098	111.5718655	147.398754	133.9283876
ENSMUSG0000092259	8.489422215	11.1298759	7.767661525	6.443661377	2.864778345
ENSMUSG0000092261	26.1757185	44.5195036	41.66291182	24.16373016	25.78300511
ENSMUSG0000092262	12.02668147	9.738641413	8.473812573	5.638203705	6.445751277
ENSMUSG0000092263	7.781970364	5.56493795	4.236906287	4.832746033	6.445751277
ENSMUSG0000092264	10.61177777	6.260555194	5.649208382	5.638203705	7.87814045
ENSMUSG0000092265	8.489422215	7.651789682	10.59226572	7.249119049	7.87814045
ENSMUSG0000092266	8.489422215	13.21672763	9.886114669	8.860034393	5.013362104
ENSMUSG0000092267	141.4903703	187.8166558	177.243913	311.7121191	191.2239546
ENSMUSG0000092268	31.83533331	58.43184848	48.01827125	28.19101852	27.21539428
ENSMUSG0000092269	10.61177777	12.52111039	6.35535943	4.832746033	7.161945863

ENSMUSG0000092270	10.61177777	9.043024169	7.767661525	4.832746033	3.580972932
ENSMUSG0000092271	9.196874066	10.43425866	9.179963621	2.416373016	7.161945863
ENSMUSG0000092272	13.44158517	7.651789682	8.473812573	4.02728836	5.013362104
ENSMUSG0000092274	1.414903703	2.782468975	0.706151048	1.610915344	2.864778345
ENSMUSG0000092275	7.074518513	7.651789682	9.179963621	9.665492065	9.310529622
ENSMUSG0000092276	7.781970364	6.956172438	4.236906287	5.638203705	6.445751277
ENSMUSG0000092278	19.10119998	21.56413456	14.829172	20.94189947	22.91822676
ENSMUSG0000092280	12.73413332	5.56493795	4.943057334	6.443661377	6.445751277
ENSMUSG0000092281	8.489422215	9.043024169	8.473812573	12.08186508	10.02672421
ENSMUSG0000092283	6.367066661	2.086851731	5.649208382	6.443661377	8.594335036
ENSMUSG0000092284	12.02668147	7.651789682	7.061510478	7.249119049	7.161945863
ENSMUSG0000092285	9.904325918	8.347406925	5.649208382	6.443661377	7.87814045
ENSMUSG0000092286	13.44158517	5.56493795	9.179963621	5.638203705	8.594335036
ENSMUSG0000092287	6.367066661	11.1298759	9.886114669	3.221830688	2.148583759
ENSMUSG0000092289	6.367066661	9.043024169	9.886114669	8.054576721	15.7562809
ENSMUSG0000092290	4.244711108	8.347406925	8.473812573	5.638203705	4.297167518
ENSMUSG0000092293	8.489422215	6.260555194	4.236906287	4.02728836	2.864778345
ENSMUSG0000092294	8.489422215	8.347406925	4.236906287	8.054576721	3.580972932
ENSMUSG0000092295	7.074518513	3.478086219	4.943057334	4.02728836	2.864778345
ENSMUSG0000092296	16.27139258	6.956172438	9.886114669	3.221830688	7.161945863
ENSMUSG0000092297	13.44158517	3.478086219	8.473812573	8.054576721	3.580972932
ENSMUSG0000092298	5.65961481	7.651789682	7.061510478	5.638203705	2.148583759
ENSMUSG0000092300	14.85648888	4.173703463	7.061510478	4.02728836	5.729556691
ENSMUSG0000092301	9.196874066	6.260555194	8.473812573	5.638203705	6.445751277
ENSMUSG0000092302	8.489422215	7.651789682	6.35535943	6.443661377	6.445751277
ENSMUSG0000092303	9.196874066	9.738641413	12.00456781	7.249119049	2.148583759
ENSMUSG0000092304	7.781970364	5.56493795	7.061510478	4.832746033	5.013362104
ENSMUSG0000092306	5.65961481	4.173703463	4.943057334	6.443661377	3.580972932
ENSMUSG0000092307	7.781970364	9.738641413	5.649208382	4.02728836	8.594335036
ENSMUSG0000092308	11.31922962	9.738641413	9.179963621	4.832746033	7.87814045
ENSMUSG0000092309	8.489422215	12.52111039	6.35535943	2.416373016	5.729556691
ENSMUSG0000092311	11.31922962	9.043024169	11.29841676	4.832746033	8.594335036
ENSMUSG0000092312	16.27139258	11.82549314	14.12302096	8.054576721	9.310529622
ENSMUSG0000092313	5.65961481	8.347406925	4.943057334	4.832746033	6.445751277
ENSMUSG0000092314	12.73413332	14.60796212	7.061510478	7.249119049	3.580972932
ENSMUSG0000092316	9.196874066	7.651789682	7.061510478	5.638203705	5.013362104
ENSMUSG0000092317	10.61177777	6.956172438	6.35535943	8.054576721	5.013362104
ENSMUSG0000092318	8.489422215	4.869320706	12.71071886	4.832746033	2.864778345
ENSMUSG0000092323	7.781970364	4.869320706	7.767661525	6.443661377	7.87814045
ENSMUSG0000092325	8.489422215	13.91234488	11.29841676	17.72006879	23.63442135
ENSMUSG0000092326	6.367066661	11.82549314	11.29841676	6.443661377	10.02672421
ENSMUSG0000092327	2.829807405	0	2.118453143	1.610915344	0
ENSMUSG0000092328	9.904325918	8.347406925	8.473812573	4.832746033	6.445751277

ENSMUSG0000092330	8.489422215	7.651789682	5.649208382	5.638203705	7.87814045
ENSMUSG0000092331	10.61177777	9.043024169	5.649208382	8.054576721	4.297167518
ENSMUSG0000092332	8.489422215	7.651789682	4.943057334	4.832746033	8.594335036
ENSMUSG0000092336	8.489422215	5.56493795	8.473812573	3.221830688	6.445751277
ENSMUSG0000092338	0	0	0	0	0
ENSMUSG0000092339	7.781970364	9.043024169	6.35535943	8.860034393	6.445751277
ENSMUSG0000092340	7.781970364	9.738641413	12.00456781	8.054576721	10.7429188
ENSMUSG0000092341	96.21345177	107.8206728	87.56272992	207.8080794	144.6713064
ENSMUSG0000092343	4.952162959	0	1.412302096	2.416373016	0
ENSMUSG0000092344	28.29807405	31.99839321	38.83830763	23.35827249	23.63442135
ENSMUSG0000092346	11.31922962	5.56493795	4.943057334	4.832746033	3.580972932
ENSMUSG0000092349	19.80865184	29.21592424	21.89068248	16.91461111	27.21539428
ENSMUSG0000092350	11.31922962	6.260555194	7.767661525	8.860034393	5.729556691
ENSMUSG0000092351	10.61177777	9.043024169	7.061510478	4.832746033	10.7429188
ENSMUSG0000092352	9.196874066	5.56493795	10.59226572	4.02728836	6.445751277
ENSMUSG0000092353	4.952162959	5.56493795	11.29841676	4.02728836	3.580972932
ENSMUSG0000092354	10.61177777	5.56493795	7.061510478	4.832746033	9.310529622
ENSMUSG0000092355	14.85648888	10.43425866	8.473812573	6.443661377	7.161945863
ENSMUSG0000092357	7.074518513	6.956172438	6.35535943	5.638203705	7.161945863
ENSMUSG0000092358	1.414903703	1.391234488	1.412302096	1.610915344	0
ENSMUSG0000092359	7.074518513	4.869320706	13.41686991	9.665492065	7.161945863
ENSMUSG0000092360	0.707451851	0	0	0.805457672	1.432389173
ENSMUSG0000092361	11.31922962	5.56493795	10.59226572	6.443661377	7.161945863
ENSMUSG0000092362	7.074518513	4.173703463	11.29841676	5.638203705	4.297167518
ENSMUSG0000092363	7.781970364	9.738641413	5.649208382	6.443661377	6.445751277
ENSMUSG0000092364	21.22355554	29.21592424	30.36449505	19.33098413	16.47247549
ENSMUSG0000092365	17.68629628	25.73783802	28.24604191	37.85651059	26.49919969
ENSMUSG0000092366	4.952162959	5.56493795	7.061510478	3.221830688	6.445751277
ENSMUSG0000092367	1.414903703	3.478086219	6.35535943	2.416373016	0.716194586
ENSMUSG0000092368	94.09109622	130.0804246	111.5718655	137.7332619	105.2806042
ENSMUSG0000092369	5.65961481	4.173703463	7.767661525	2.416373016	9.310529622
ENSMUSG0000092370	8.489422215	9.738641413	6.35535943	5.638203705	7.161945863
ENSMUSG0000092371	20.51610369	27.82468975	31.77679715	20.94189947	18.62105924
ENSMUSG0000092372	8.489422215	9.043024169	6.35535943	4.02728836	4.297167518
ENSMUSG0000092373	12.73413332	6.956172438	12.71071886	7.249119049	4.297167518
ENSMUSG0000092374	5.65961481	10.43425866	16.94762515	8.054576721	8.594335036
ENSMUSG0000092375	7.074518513	4.869320706	7.767661525	4.02728836	6.445751277
ENSMUSG0000092376	13.44158517	6.260555194	9.179963621	7.249119049	9.310529622
ENSMUSG0000092377	8.489422215	13.91234488	7.061510478	7.249119049	5.729556691
ENSMUSG0000092381	29.0055259	41.04141738	24.00913562	138.5387196	105.9967988
ENSMUSG0000092382	10.61177777	4.173703463	9.179963621	5.638203705	7.87814045
ENSMUSG0000092383	8.489422215	18.78166558	18.35992724	9.665492065	8.594335036
ENSMUSG0000092384	45.27691848	53.56252777	54.37363068	107.1258704	85.94335036



ENSMUSG00000092385	10.61177777	4.869320706	7.061510478	2.416373016	8.594335036
ENSMUSG00000092386	19.10119998	46.60635533	42.36906287	37.05105292	35.80972932
ENSMUSG00000092387	7.074518513	6.260555194	8.473812573	7.249119049	5.729556691
ENSMUSG00000092388	11.31922962	8.347406925	8.473812573	4.02728836	12.17530797
ENSMUSG00000092389	6.367066661	2.782468975	3.530755239	3.221830688	5.013362104
ENSMUSG00000092390	9.904325918	8.347406925	10.59226572	8.054576721	5.013362104
ENSMUSG00000092392	11.31922962	11.1298759	8.473812573	7.249119049	7.161945863
ENSMUSG00000092393	5.65961481	11.1298759	7.767661525	3.221830688	6.445751277
ENSMUSG00000092394	7.074518513	7.651789682	4.943057334	7.249119049	6.445751277
ENSMUSG00000092395	12.73413332	25.73783802	17.65377619	15.30369577	21.48583759
ENSMUSG00000092396	4.244711108	4.869320706	7.061510478	9.665492065	9.310529622
ENSMUSG00000092397	8.489422215	4.173703463	7.767661525	6.443661377	7.87814045
ENSMUSG00000092398	7.781970364	6.260555194	9.886114669	2.416373016	5.729556691
ENSMUSG00000092399	9.904325918	11.82549314	8.473812573	41.88379895	17.18867007
ENSMUSG00000092400	5.65961481	5.56493795	14.12302096	5.638203705	1.432389173
ENSMUSG00000092401	9.904325918	6.956172438	9.179963621	3.221830688	5.729556691
ENSMUSG00000092402	8.489422215	11.82549314	5.649208382	7.249119049	3.580972932
ENSMUSG00000092403	9.196874066	6.956172438	8.473812573	11.27640741	8.594335036
ENSMUSG00000092404	8.489422215	4.869320706	8.473812573	5.638203705	4.297167518
ENSMUSG00000092405	227.0920443	222.597518	230.2052416	264.1901164	201.2506788
ENSMUSG00000092406	16.27139258	5.56493795	5.649208382	4.02728836	5.013362104
ENSMUSG00000092408	9.904325918	8.347406925	10.59226572	7.249119049	6.445751277
ENSMUSG00000092409	10.61177777	7.651789682	3.530755239	6.443661377	9.310529622
ENSMUSG00000092410	10.61177777	6.956172438	7.767661525	3.221830688	5.729556691
ENSMUSG00000092411	7.074518513	9.738641413	9.886114669	4.02728836	8.594335036
ENSMUSG00000092412	4.952162959	5.56493795	10.59226572	8.054576721	5.729556691
ENSMUSG00000092414	9.196874066	4.869320706	9.886114669	4.832746033	8.594335036
ENSMUSG00000092415	158.4692147	180.1648661	161.0024389	362.4559524	243.5061594
ENSMUSG00000092418	10.61177777	17.39043109	20.47838039	31.41284921	22.91822676
ENSMUSG00000092419	4.952162959	6.956172438	7.061510478	2.416373016	5.729556691
ENSMUSG00000092422	12.02668147	8.347406925	5.649208382	2.416373016	7.161945863
ENSMUSG00000092425	7.074518513	5.56493795	5.649208382	5.638203705	5.013362104
ENSMUSG00000092426	12.02668147	6.260555194	8.473812573	4.02728836	5.013362104
ENSMUSG00000092427	8.489422215	11.1298759	8.473812573	7.249119049	5.729556691
ENSMUSG00000092428	4.244711108	8.347406925	7.061510478	2.416373016	8.594335036
ENSMUSG00000092429	9.904325918	8.347406925	8.473812573	8.054576721	10.02672421
ENSMUSG00000092431	7.074518513	6.260555194	7.061510478	3.221830688	5.013362104
ENSMUSG00000092433	3.537259256	9.043024169	8.473812573	2.416373016	0
ENSMUSG00000092435	0.707451851	1.391234488	0.706151048	0.805457672	1.432389173
ENSMUSG00000092437	9.196874066	4.869320706	8.473812573	2.416373016	6.445751277
ENSMUSG00000092438	8.489422215	7.651789682	5.649208382	9.665492065	3.580972932
ENSMUSG00000092439	11.31922962	12.52111039	9.179963621	3.221830688	6.445751277
ENSMUSG00000092440	10.61177777	9.043024169	4.943057334	3.221830688	6.445751277

ENSMUSG00000092441	12.73413332	16.69481385	14.12302096	8.054576721	5.013362104
ENSMUSG00000092444	12.02668147	7.651789682	12.00456781	11.27640741	8.594335036
ENSMUSG00000092447	16.27139258	9.043024169	14.12302096	5.638203705	12.17530797
ENSMUSG00000092448	9.904325918	5.56493795	11.29841676	3.221830688	7.87814045
ENSMUSG00000092450	6.367066661	7.651789682	9.179963621	10.47094974	7.87814045
ENSMUSG00000092451	10.61177777	5.56493795	6.35535943	2.416373016	7.161945863
ENSMUSG00000092452	9.904325918	1.391234488	5.649208382	6.443661377	5.729556691
ENSMUSG00000092454	9.196874066	8.347406925	7.767661525	1.610915344	7.161945863
ENSMUSG00000092455	335.3321775	376.3289289	302.2326484	415.6161588	279.3158887
ENSMUSG00000092457	11.31922962	9.043024169	11.29841676	7.249119049	7.87814045
ENSMUSG00000092458	7.781970364	4.869320706	11.29841676	2.416373016	7.161945863
ENSMUSG00000092459	12.73413332	6.260555194	2.824604191	8.054576721	7.87814045
ENSMUSG00000092460	9.196874066	5.56493795	7.767661525	8.860034393	6.445751277
ENSMUSG00000092461	6.367066661	7.651789682	4.236906287	3.221830688	10.02672421
ENSMUSG00000092462	11.31922962	7.651789682	4.236906287	4.832746033	3.580972932
ENSMUSG00000092463	1.414903703	3.478086219	2.824604191	3.221830688	2.864778345
ENSMUSG00000092464	13.44158517	8.347406925	6.35535943	4.02728836	7.87814045
ENSMUSG00000092465	7.781970364	4.173703463	9.886114669	7.249119049	9.310529622
ENSMUSG00000092466	5.65961481	2.782468975	3.530755239	1.610915344	1.432389173
ENSMUSG00000092467	7.781970364	6.956172438	7.767661525	4.02728836	5.013362104
ENSMUSG00000092468	14.14903703	8.347406925	9.886114669	4.02728836	4.297167518
ENSMUSG00000092469	6.367066661	7.651789682	6.35535943	3.221830688	5.729556691
ENSMUSG00000092471	6.367066661	6.956172438	6.35535943	7.249119049	9.310529622
ENSMUSG00000092472	8.489422215	5.56493795	8.473812573	6.443661377	9.310529622
ENSMUSG00000092474	6.367066661	6.956172438	6.35535943	12.88732275	8.594335036
ENSMUSG00000092476	8.489422215	10.43425866	8.473812573	4.02728836	5.013362104
ENSMUSG00000092477	9.904325918	6.260555194	4.236906287	9.665492065	11.45911338
ENSMUSG00000092480	4.244711108	9.738641413	12.00456781	8.860034393	10.02672421
ENSMUSG00000092482	214.3579109	187.1210386	204.7838039	362.4559524	233.4794351
ENSMUSG00000092483	37.49494812	49.38882431	67.08434954	82.15668255	68.0384857
ENSMUSG00000092485	10.61177777	2.782468975	4.236906287	5.638203705	9.310529622
ENSMUSG00000092487	11.31922962	2.782468975	9.886114669	10.47094974	3.580972932
ENSMUSG00000092488	9.904325918	7.651789682	8.473812573	8.860034393	9.310529622
ENSMUSG00000092489	7.074518513	11.1298759	9.886114669	2.416373016	5.729556691
ENSMUSG00000092490	9.904325918	11.1298759	12.00456781	4.832746033	7.87814045
ENSMUSG00000092492	6.367066661	6.260555194	7.061510478	3.221830688	4.297167518
ENSMUSG00000092493	5.65961481	9.043024169	9.179963621	10.47094974	2.864778345
ENSMUSG00000092494	8.489422215	15.30357936	13.41686991	12.08186508	11.45911338
ENSMUSG00000092495	10.61177777	6.956172438	11.29841676	6.443661377	3.580972932
ENSMUSG00000092496	8.489422215	8.347406925	6.35535943	4.02728836	6.445751277
ENSMUSG00000092499	8.489422215	5.56493795	7.767661525	3.221830688	3.580972932
ENSMUSG00000092500	6.367066661	8.347406925	9.179963621	7.249119049	2.864778345
ENSMUSG00000092502	8.489422215	4.869320706	8.473812573	11.27640741	5.013362104

ENSMUSG0000092503	4.244711108	12.52111039	4.943057334	2.416373016	7.87814045
ENSMUSG0000092504	6.367066661	12.52111039	14.829172	5.638203705	8.594335036
ENSMUSG0000092505	19.80865184	17.39043109	19.06607829	9.665492065	12.17530797
ENSMUSG0000092506	10.61177777	4.173703463	0.706151048	5.638203705	2.864778345
ENSMUSG0000092507	6.367066661	4.869320706	11.29841676	9.665492065	2.148583759
ENSMUSG0000092508	12.02668147	6.956172438	4.943057334	5.638203705	5.729556691
ENSMUSG0000092509	9.904325918	8.347406925	9.179963621	11.27640741	7.161945863
ENSMUSG0000092510	155.6394073	214.9457283	166.6516473	101.4876667	108.1453825
ENSMUSG0000092512	3.537259256	18.78166558	13.41686991	4.02728836	10.7429188
ENSMUSG0000092513	7.781970364	4.173703463	6.35535943	2.416373016	2.864778345
ENSMUSG0000092514	10.61177777	11.1298759	8.473812573	4.832746033	7.87814045
ENSMUSG0000092515	11.31922962	4.869320706	11.29841676	3.221830688	5.729556691
ENSMUSG0000092516	12.02668147	6.956172438	6.35535943	4.832746033	3.580972932
ENSMUSG0000092520	8.489422215	2.086851731	6.35535943	8.860034393	5.013362104
ENSMUSG0000092521	9.196874066	5.56493795	11.29841676	8.054576721	4.297167518
ENSMUSG0000092522	9.196874066	9.043024169	7.767661525	4.02728836	2.864778345
ENSMUSG0000092523	9.196874066	4.173703463	11.29841676	5.638203705	6.445751277
ENSMUSG0000092524	8.489422215	10.43425866	9.179963621	4.02728836	8.594335036
ENSMUSG0000092525	8.489422215	11.1298759	10.59226572	8.860034393	13.60769714
ENSMUSG0000092526	12.02668147	12.52111039	11.29841676	6.443661377	8.594335036
ENSMUSG0000092528	7.781970364	3.478086219	9.179963621	3.221830688	3.580972932
ENSMUSG0000092529	6.367066661	9.043024169	9.886114669	1.610915344	6.445751277
ENSMUSG0000092530	8.489422215	11.1298759	7.767661525	4.02728836	3.580972932
ENSMUSG0000092532	9.904325918	8.347406925	9.886114669	5.638203705	8.594335036
ENSMUSG0000092533	7.781970364	8.347406925	7.767661525	5.638203705	3.580972932
ENSMUSG0000092534	7.781970364	12.52111039	14.829172	8.860034393	17.90486466
ENSMUSG0000092535	11.31922962	4.869320706	6.35535943	3.221830688	5.729556691
ENSMUSG0000092536	11.31922962	6.260555194	8.473812573	5.638203705	7.87814045
ENSMUSG0000092538	9.196874066	6.956172438	6.35535943	4.02728836	11.45911338
ENSMUSG0000092539	8.489422215	9.043024169	2.824604191	9.665492065	7.161945863
ENSMUSG0000092540	14.14903703	18.08604834	17.65377619	8.860034393	16.47247549
ENSMUSG0000092541	30.4204296	70.95295887	46.60596915	111.1531587	82.36237743
ENSMUSG0000092542	5.65961481	6.260555194	9.886114669	7.249119049	9.310529622
ENSMUSG0000092543	0	1.391234488	0.706151048	0.805457672	0.716194586
ENSMUSG0000092545	6.367066661	8.347406925	6.35535943	9.665492065	8.594335036
ENSMUSG0000092547	15.56394073	5.56493795	7.767661525	5.638203705	5.729556691
ENSMUSG0000092548	10.61177777	8.347406925	12.00456781	7.249119049	5.729556691
ENSMUSG0000092549	4.952162959	11.1298759	11.29841676	4.832746033	6.445751277
ENSMUSG0000092550	71.45263698	126.6023384	107.3349593	243.248217	153.2656415
ENSMUSG0000092551	8.489422215	6.260555194	7.061510478	4.02728836	5.013362104
ENSMUSG0000092552	5.65961481	7.651789682	4.943057334	4.02728836	5.729556691
ENSMUSG0000092553	9.196874066	3.478086219	4.943057334	4.832746033	9.310529622
ENSMUSG0000092554	9.196874066	9.043024169	7.061510478	9.665492065	7.87814045

ENSMUSG0000092555	7.074518513	6.260555194	7.767661525	6.443661377	7.87814045
ENSMUSG0000092556	16.97884443	18.08604834	24.71528667	33.02376456	35.09353473
ENSMUSG0000092557	2.829807405	5.56493795	8.473812573	3.221830688	9.310529622
ENSMUSG0000092559	9.196874066	6.956172438	8.473812573	1.610915344	9.310529622
ENSMUSG0000092560	16.97884443	15.30357936	12.71071886	18.52552646	17.90486466
ENSMUSG0000092561	12.73413332	7.651789682	9.886114669	4.832746033	7.161945863
ENSMUSG0000092562	9.904325918	11.1298759	7.061510478	3.221830688	10.02672421
ENSMUSG0000092563	12.73413332	9.738641413	7.767661525	3.221830688	5.729556691
ENSMUSG0000092564	37.49494812	47.99758982	52.25517753	124.8459392	93.82149081
ENSMUSG0000092565	9.196874066	7.651789682	9.179963621	9.665492065	4.297167518
ENSMUSG0000092566	9.904325918	12.52111039	8.473812573	8.860034393	8.594335036
ENSMUSG0000092567	9.196874066	9.043024169	7.061510478	1.610915344	3.580972932
ENSMUSG0000092568	9.904325918	11.82549314	9.179963621	6.443661377	7.161945863
ENSMUSG0000092569	33.25023701	47.99758982	48.7244223	91.01671695	83.7947666
ENSMUSG0000092570	7.074518513	11.82549314	7.767661525	5.638203705	13.60769714
ENSMUSG0000092571	9.196874066	9.738641413	9.886114669	5.638203705	8.594335036
ENSMUSG0000092573	17.68629628	13.91234488	10.59226572	7.249119049	15.04008631
ENSMUSG0000092574	12.02668147	7.651789682	8.473812573	8.860034393	11.45911338
ENSMUSG0000092575	9.196874066	8.347406925	8.473812573	7.249119049	7.87814045
ENSMUSG0000092576	5.65961481	6.260555194	7.767661525	6.443661377	7.161945863
ENSMUSG0000092577	14.85648888	9.043024169	9.179963621	12.88732275	7.161945863
ENSMUSG0000092578	7.074518513	5.56493795	7.767661525	5.638203705	5.729556691
ENSMUSG0000092580	4.244711108	6.956172438	7.767661525	7.249119049	7.161945863
ENSMUSG0000092581	9.196874066	6.260555194	10.59226572	7.249119049	6.445751277
ENSMUSG0000092583	12.02668147	12.52111039	6.35535943	7.249119049	3.580972932
ENSMUSG0000092584	7.074518513	4.173703463	4.236906287	0	5.729556691
ENSMUSG0000092587	5.65961481	6.260555194	2.824604191	3.221830688	1.432389173
ENSMUSG0000092588	9.196874066	8.347406925	9.179963621	4.02728836	9.310529622
ENSMUSG0000092591	7.781970364	20.86851731	4.943057334	4.832746033	6.445751277
ENSMUSG0000092593	11.31922962	18.08604834	16.94762515	45.10562964	39.39070225
ENSMUSG0000092595	0	0	0	0	0
ENSMUSG0000092596	257.5124739	228.162456	225.9683353	380.9814789	293.6397804
ENSMUSG0000092597	6.367066661	5.56493795	9.886114669	9.665492065	2.864778345
ENSMUSG0000092599	7.074518513	6.956172438	9.179963621	1.610915344	6.445751277
ENSMUSG0000092600	11.31922962	6.260555194	11.29841676	6.443661377	7.161945863
ENSMUSG0000092601	9.904325918	6.260555194	7.061510478	4.02728836	5.729556691
ENSMUSG0000092602	8.489422215	5.56493795	8.473812573	8.054576721	8.594335036
ENSMUSG0000092603	9.904325918	8.347406925	5.649208382	7.249119049	12.17530797
ENSMUSG0000092604	4.952162959	4.869320706	5.649208382	6.443661377	7.161945863
ENSMUSG0000092606	8.489422215	6.260555194	7.061510478	8.054576721	8.594335036
ENSMUSG0000092608	9.196874066	6.956172438	7.767661525	4.02728836	4.297167518
ENSMUSG0000092610	7.781970364	3.478086219	8.473812573	6.443661377	8.594335036
ENSMUSG0000092611	13.44158517	9.738641413	14.12302096	9.665492065	7.161945863

ENSMUSG00000092612	16.27139258	11.82549314	14.12302096	14.4982381	17.90486466
ENSMUSG00000092614	15.56394073	9.738641413	9.179963621	5.638203705	6.445751277
ENSMUSG00000092615	4.952162959	8.347406925	5.649208382	7.249119049	8.594335036
ENSMUSG00000092616	7.781970364	7.651789682	4.236906287	8.860034393	1.432389173
ENSMUSG00000092617	9.904325918	18.78166558	12.71071886	5.638203705	17.18867007
ENSMUSG00000092618	10.61177777	11.1298759	10.59226572	5.638203705	5.729556691
ENSMUSG00000092619	9.904325918	4.173703463	3.530755239	6.443661377	4.297167518
ENSMUSG00000092620	17.68629628	10.43425866	10.59226572	5.638203705	3.580972932
ENSMUSG00000092621	13.44158517	7.651789682	6.35535943	8.860034393	7.161945863
ENSMUSG00000092623	7.074518513	5.56493795	7.767661525	1.610915344	10.02672421
ENSMUSG00000092624	7.781970364	7.651789682	9.179963621	6.443661377	5.013362104
ENSMUSG00000092625	19.10119998	26.43345526	33.89525029	23.35827249	22.91822676
ENSMUSG00000092626	174.7406073	197.5552972	179.3623661	275.4665239	204.8316517
ENSMUSG00000092627	11.31922962	5.56493795	8.473812573	6.443661377	5.729556691
ENSMUSG00000092628	6.367066661	8.347406925	5.649208382	4.832746033	3.580972932
ENSMUSG00000092629	9.196874066	4.173703463	4.943057334	8.054576721	3.580972932
ENSMUSG00000092631	6.367066661	10.43425866	7.061510478	5.638203705	5.013362104
ENSMUSG00000092633	6.367066661	7.651789682	9.179963621	4.832746033	5.729556691
ENSMUSG00000092636	6.367066661	11.82549314	8.473812573	5.638203705	7.87814045
ENSMUSG00000092638	7.781970364	3.478086219	4.943057334	5.638203705	3.580972932
ENSMUSG00000092639	9.196874066	9.043024169	9.886114669	1.610915344	6.445751277
ENSMUSG00000092641	9.904325918	9.043024169	4.943057334	4.832746033	3.580972932
ENSMUSG00000092643	7.781970364	6.260555194	7.767661525	4.02728836	5.729556691
ENSMUSG00000092644	5.65961481	5.56493795	7.061510478	8.054576721	11.45911338
ENSMUSG00000092647	2.122355554	1.391234488	0.706151048	1.610915344	2.864778345
ENSMUSG00000092648	156.3468591	185.0341868	161.0024389	130.4841429	129.6312201
ENSMUSG00000092650	0.707451851	0	2.118453143	1.610915344	2.148583759
ENSMUSG00000092652	9.904325918	5.56493795	4.236906287	6.443661377	5.729556691
ENSMUSG00000092653	7.074518513	8.347406925	7.061510478	2.416373016	6.445751277
ENSMUSG00000092655	72.16008883	114.7768452	98.86114669	143.3714656	108.8615771
ENSMUSG00000092656	2.829807405	1.391234488	1.412302096	0.805457672	0.716194586
ENSMUSG00000092657	12.02668147	9.043024169	9.179963621	8.860034393	8.594335036
ENSMUSG00000092659	5.65961481	4.173703463	5.649208382	5.638203705	5.013362104
ENSMUSG00000092660	26.1757185	36.86771392	35.30755239	40.2728836	33.66114556
ENSMUSG00000092661	9.196874066	5.56493795	5.649208382	4.832746033	2.864778345
ENSMUSG00000092664	13.44158517	2.086851731	7.061510478	2.416373016	11.45911338
ENSMUSG00000092666	11.31922962	5.56493795	3.530755239	4.02728836	8.594335036
ENSMUSG00000092668	5.65961481	13.21672763	4.943057334	7.249119049	10.02672421
ENSMUSG00000092671	10.61177777	21.56413456	14.829172	29.80193387	35.80972932
ENSMUSG00000092673	9.196874066	7.651789682	7.767661525	4.02728836	6.445751277
ENSMUSG00000092674	2.122355554	0	1.412302096	0	0.716194586
ENSMUSG00000092675	1.414903703	0	1.412302096	0.805457672	2.148583759
ENSMUSG00000092676	8.489422215	10.43425866	9.886114669	4.832746033	5.729556691

ENSMUSG00000092677	24.76081479	31.30277597	32.4829482	23.35827249	28.64778345
ENSMUSG00000092679	71.45263698	81.38721752	84.03197468	87.79488626	67.32229112
ENSMUSG00000092680	0	0	0	0	0
ENSMUSG00000092683	0	0	0	0	0
ENSMUSG00000092685	9.196874066	9.738641413	10.59226572	6.443661377	5.729556691
ENSMUSG00000092686	2.122355554	1.391234488	4.943057334	7.249119049	5.729556691
ENSMUSG00000092687	0	0	0	0	0
ENSMUSG00000092693	26.1757185	42.43265187	37.42600553	49.132918	50.13362104
ENSMUSG00000092695	14.14903703	9.738641413	5.649208382	12.08186508	12.17530797
ENSMUSG00000092696	0	0	1.412302096	0.805457672	0
ENSMUSG00000092697	0	0	0	0	0
ENSMUSG00000092698	11.31922962	11.1298759	11.29841676	11.27640741	16.47247549
ENSMUSG00000092701	6.367066661	6.956172438	11.29841676	9.665492065	7.87814045
ENSMUSG00000092702	26.88317035	25.73783802	17.65377619	14.4982381	26.49919969
ENSMUSG00000092704	7.074518513	6.956172438	5.649208382	6.443661377	4.297167518
ENSMUSG00000092705	0.707451851	0	1.412302096	0.805457672	0
ENSMUSG00000092706	14.14903703	9.043024169	9.179963621	3.221830688	5.013362104
ENSMUSG00000092710	6.367066661	6.956172438	8.473812573	5.638203705	5.013362104
ENSMUSG00000092713	4.244711108	11.82549314	9.179963621	16.10915344	8.594335036
ENSMUSG00000092714	8.489422215	9.043024169	11.29841676	5.638203705	2.864778345
ENSMUSG00000092715	4.952162959	2.086851731	3.530755239	3.221830688	7.87814045
ENSMUSG00000092718	8.489422215	5.56493795	13.41686991	12.08186508	9.310529622
ENSMUSG00000092719	8.489422215	11.1298759	7.767661525	6.443661377	5.013362104
ENSMUSG00000092720	7.074518513	6.260555194	12.71071886	2.416373016	12.89150255
ENSMUSG00000092723	0	0	1.412302096	1.610915344	0
ENSMUSG00000092724	9.196874066	6.260555194	9.179963621	8.054576721	2.864778345
ENSMUSG00000092725	99.04325918	141.2103005	131.3440949	109.5422434	96.68626916
ENSMUSG00000092727	9.196874066	9.043024169	14.829172	15.30369577	15.04008631
ENSMUSG00000092730	41.73965922	70.25734162	56.49208382	142.566008	103.1320204
ENSMUSG00000092731	6.367066661	6.956172438	4.943057334	3.221830688	5.013362104
ENSMUSG00000092732	9.196874066	5.56493795	7.767661525	10.47094974	3.580972932
ENSMUSG00000092734	2.829807405	2.086851731	1.412302096	0.805457672	1.432389173
ENSMUSG00000092737	0	0	0	0	0
ENSMUSG00000092738	24.05336294	23.65098629	29.65834401	16.10915344	15.04008631
ENSMUSG00000092741	11.31922962	9.043024169	9.886114669	6.443661377	17.90486466
ENSMUSG00000092743	10.61177777	11.1298759	6.35535943	6.443661377	7.87814045
ENSMUSG00000092745	0.707451851	2.086851731	1.412302096	2.416373016	3.580972932
ENSMUSG00000092746	26.88317035	36.86771392	30.36449505	28.9964762	26.49919969
ENSMUSG00000092747	0	0	0.706151048	0	0
ENSMUSG00000092748	0	0	0	0	0
ENSMUSG00000092751	14.14903703	11.82549314	13.41686991	8.860034393	10.02672421
ENSMUSG00000092752	4.952162959	11.1298759	7.061510478	9.665492065	7.87814045
ENSMUSG00000092753	41.73965922	36.86771392	38.13215658	18.52552646	18.62105924

ENSMUSG00000092758	4.952162959	6.260555194	8.473812573	6.443661377	5.013362104
ENSMUSG00000092759	12.73413332	6.260555194	11.29841676	5.638203705	9.310529622
ENSMUSG00000092760	79.94205919	118.9505487	115.1026208	94.23854763	103.848215
ENSMUSG00000092761	116.7295555	139.819066	170.1824025	160.2860767	133.9283876
ENSMUSG00000092762	11.31922962	7.651789682	8.473812573	7.249119049	12.17530797
ENSMUSG00000092763	0.707451851	2.782468975	2.118453143	0	0
ENSMUSG00000092764	11.31922962	10.43425866	7.767661525	8.054576721	7.161945863
ENSMUSG00000092765	0	0	0	0.805457672	0
ENSMUSG00000092767	6.367066661	4.869320706	4.236906287	4.832746033	5.013362104
ENSMUSG00000092770	8.489422215	7.651789682	7.061510478	3.221830688	7.161945863
ENSMUSG00000092774	7.781970364	5.56493795	7.767661525	5.638203705	7.161945863
ENSMUSG00000092776	7.781970364	10.43425866	4.943057334	5.638203705	6.445751277
ENSMUSG00000092777	2.829807405	5.56493795	4.236906287	2.416373016	3.580972932
ENSMUSG00000092778	9.196874066	9.738641413	9.179963621	10.47094974	10.7429188
ENSMUSG00000092781	9.196874066	11.1298759	7.767661525	8.860034393	15.7562809
ENSMUSG00000092784	11.31922962	12.52111039	9.179963621	13.69278043	15.04008631
ENSMUSG00000092787	6.367066661	10.43425866	15.53532305	9.665492065	17.90486466
ENSMUSG00000092790	12.02668147	10.43425866	7.061510478	8.860034393	4.297167518
ENSMUSG00000092792	11.31922962	8.347406925	9.179963621	4.832746033	3.580972932
ENSMUSG00000092793	0	0	0	0	0
ENSMUSG00000092794	10.61177777	6.956172438	4.236906287	7.249119049	7.161945863
ENSMUSG00000092795	9.196874066	7.651789682	14.829172	12.08186508	20.769643
ENSMUSG00000092796	14.85648888	9.738641413	14.12302096	11.27640741	12.17530797
ENSMUSG00000092799	9.196874066	6.956172438	5.649208382	8.860034393	5.729556691
ENSMUSG00000092802	8.489422215	5.56493795	11.29841676	9.665492065	5.729556691
ENSMUSG00000092805	63.67066661	75.82227957	75.55816211	68.46390213	66.60609653
ENSMUSG00000092806	3.537259256	4.869320706	3.530755239	6.443661377	6.445751277
ENSMUSG00000092807	0	0	0	0	0.716194586
ENSMUSG00000092811	13.44158517	11.1298759	7.767661525	11.27640741	5.013362104
ENSMUSG00000092812	0	2.782468975	0	1.610915344	1.432389173
ENSMUSG00000092813	7.781970364	7.651789682	4.943057334	4.02728836	6.445751277
ENSMUSG00000092814	62.96321476	88.34338996	83.32582364	53.96566403	58.72795608
ENSMUSG00000092815	7.781970364	4.869320706	4.943057334	3.221830688	4.297167518
ENSMUSG00000092816	12.73413332	12.52111039	9.179963621	5.638203705	8.594335036
ENSMUSG00000092818	208.6982961	249.0309733	240.0913562	195.7262143	203.3992625
ENSMUSG00000092819	1.414903703	0	1.412302096	2.416373016	1.432389173
ENSMUSG00000092821	9.904325918	8.347406925	6.35535943	5.638203705	4.297167518
ENSMUSG00000092822	11.31922962	9.043024169	9.179963621	4.02728836	6.445751277
ENSMUSG00000092825	10.61177777	6.260555194	10.59226572	6.443661377	5.729556691
ENSMUSG00000092826	9.904325918	9.043024169	4.943057334	2.416373016	7.87814045
ENSMUSG00000092827	0.707451851	0.695617244	0	2.416373016	3.580972932
ENSMUSG00000092829	9.904325918	8.347406925	9.179963621	3.221830688	2.864778345
ENSMUSG00000092830	7.781970364	7.651789682	4.943057334	7.249119049	5.729556691

ENSMUSG0000092832	7.781970364	8.347406925	2.118453143	10.47094974	12.89150255
ENSMUSG0000092833	6.367066661	9.738641413	11.29841676	12.08186508	15.04008631
ENSMUSG0000092834	6.367066661	8.347406925	8.473812573	2.416373016	2.148583759
ENSMUSG0000092835	12.02668147	13.21672763	12.00456781	5.638203705	7.87814045
ENSMUSG0000092837	19.10119998	33.3896277	38.13215658	58.79841006	40.82309142
ENSMUSG0000092838	5.65961481	5.56493795	2.118453143	6.443661377	5.729556691
ENSMUSG0000092840	5.65961481	5.56493795	8.473812573	10.47094974	3.580972932
ENSMUSG0000092841	12.73413332	15.99919661	16.94762515	26.58010318	35.09353473
ENSMUSG0000092842	11.31922962	6.260555194	6.35535943	8.054576721	6.445751277
ENSMUSG0000092843	9.904325918	10.43425866	11.29841676	8.054576721	8.594335036
ENSMUSG0000092845	5.65961481	9.043024169	13.41686991	12.08186508	21.48583759
ENSMUSG0000092847	0	0	0	0	0
ENSMUSG0000092848	0	0	0	0.805457672	0
ENSMUSG0000092849	7.074518513	9.738641413	12.00456781	9.665492065	7.161945863
ENSMUSG0000092850	0	0	0	0	0
ENSMUSG0000092851	213.6504591	248.335356	237.266752	291.5756773	232.047046
ENSMUSG0000092852	4.244711108	0.695617244	7.061510478	6.443661377	8.594335036
ENSMUSG0000092853	9.904325918	7.651789682	4.943057334	10.47094974	7.161945863
ENSMUSG0000092855	4.952162959	6.260555194	9.886114669	8.860034393	3.580972932
ENSMUSG0000092856	8.489422215	7.651789682	5.649208382	8.860034393	7.161945863
ENSMUSG0000092862	20.51610369	33.3896277	25.42143772	30.60739154	25.78300511
ENSMUSG0000092866	14.85648888	6.956172438	7.061510478	8.860034393	7.87814045
ENSMUSG0000092867	74.28244438	97.38641413	105.2165061	92.62763229	102.4158258
ENSMUSG0000092868	9.904325918	20.86851731	20.47838039	21.74735715	12.89150255
ENSMUSG0000092870	8.489422215	12.52111039	12.00456781	10.47094974	15.7562809
ENSMUSG0000092871	10.61177777	9.738641413	7.061510478	4.02728836	10.02672421
ENSMUSG0000092875	9.904325918	9.043024169	4.236906287	3.221830688	8.594335036
ENSMUSG0000092876	8.489422215	4.869320706	9.179963621	7.249119049	10.02672421
ENSMUSG0000092878	4.952162959	4.869320706	3.530755239	5.638203705	3.580972932
ENSMUSG0000092879	3.537259256	3.478086219	1.412302096	2.416373016	2.148583759
ENSMUSG0000092880	9.904325918	7.651789682	10.59226572	4.02728836	7.161945863
ENSMUSG0000092885	175.4480591	247.6397388	186.4238766	405.1452091	320.1389801
ENSMUSG0000092887	7.074518513	6.956172438	7.061510478	19.33098413	16.47247549
ENSMUSG0000092888	9.196874066	8.347406925	7.767661525	5.638203705	5.729556691
ENSMUSG0000092889	21.22355554	45.21512085	33.89525029	24.96918783	29.36397804
ENSMUSG0000092891	7.074518513	6.956172438	7.061510478	9.665492065	10.02672421
ENSMUSG0000092894	8.489422215	6.260555194	7.061510478	5.638203705	2.864778345
ENSMUSG0000092896	7.781970364	10.43425866	8.473812573	7.249119049	8.594335036
ENSMUSG0000092897	0	0	0	0.805457672	0
ENSMUSG0000092898	4.952162959	6.260555194	3.530755239	4.02728836	5.729556691
ENSMUSG0000092901	0	0	0	0	0
ENSMUSG0000092902	27.5906222	38.25894841	36.01370344	30.60739154	35.09353473
ENSMUSG0000092903	3.537259256	7.651789682	13.41686991	8.054576721	5.729556691



ENSMUSG00000092905	12.73413332	16.69481385	14.12302096	36.24559524	43.68786977
ENSMUSG00000092906	9.904325918	7.651789682	3.530755239	5.638203705	6.445751277
ENSMUSG00000092907	0	1.391234488	0.706151048	4.832746033	3.580972932
ENSMUSG00000092908	9.196874066	5.56493795	9.886114669	13.69278043	6.445751277
ENSMUSG00000092909	0	0	0.706151048	0	0
ENSMUSG00000092912	2.829807405	0	2.118453143	0	2.148583759
ENSMUSG00000092913	7.074518513	2.782468975	2.824604191	3.221830688	5.013362104
ENSMUSG00000092914	10.61177777	7.651789682	10.59226572	8.860034393	4.297167518
ENSMUSG00000092915	4.952162959	2.086851731	4.236906287	12.88732275	10.7429188
ENSMUSG00000092916	6.367066661	14.60796212	7.767661525	8.054576721	9.310529622
ENSMUSG00000092917	5.65961481	4.173703463	6.35535943	2.416373016	3.580972932
ENSMUSG00000092918	14.14903703	22.2597518	16.94762515	6.443661377	16.47247549
ENSMUSG00000092919	9.904325918	8.347406925	8.473812573	7.249119049	6.445751277
ENSMUSG00000092920	12.02668147	7.651789682	2.118453143	10.47094974	3.580972932
ENSMUSG00000092921	7.074518513	13.21672763	8.473812573	7.249119049	5.729556691
ENSMUSG00000092922	10.61177777	9.043024169	8.473812573	5.638203705	5.729556691
ENSMUSG00000092923	21.93100739	34.78086219	26.12758877	20.1364418	26.49919969
ENSMUSG00000092924	8.489422215	12.52111039	13.41686991	12.08186508	11.45911338
ENSMUSG00000092928	12.02668147	22.2597518	23.30298458	32.21830688	32.94495097
ENSMUSG00000092931	4.952162959	4.869320706	4.943057334	3.221830688	6.445751277
ENSMUSG00000092932	7.074518513	7.651789682	9.179963621	6.443661377	6.445751277
ENSMUSG00000092933	0	0	0	0	0
ENSMUSG00000092934	0.707451851	2.086851731	2.824604191	5.638203705	3.580972932
ENSMUSG00000092935	14.85648888	27.82468975	24.71528667	22.55281482	25.78300511
ENSMUSG00000092939	10.61177777	8.347406925	8.473812573	8.054576721	12.89150255
ENSMUSG00000092948	7.781970364	5.56493795	9.886114669	4.02728836	7.161945863
ENSMUSG00000092949	0	0.695617244	0	0	1.432389173
ENSMUSG00000092952	9.904325918	8.347406925	4.236906287	4.832746033	8.594335036
ENSMUSG00000092953	5.65961481	2.782468975	4.236906287	3.221830688	4.297167518
ENSMUSG00000092956	0	0	0.706151048	0	0
ENSMUSG00000092957	9.904325918	6.956172438	12.71071886	12.08186508	11.45911338
ENSMUSG00000092958	200.2088739	246.9441215	208.3145591	139.3441773	125.3340526
ENSMUSG00000092961	0	0	0	0	0
ENSMUSG00000092963	0	0	0	0	0
ENSMUSG00000092965	8.489422215	14.60796212	5.649208382	9.665492065	4.297167518
ENSMUSG00000092966	2.122355554	3.478086219	1.412302096	0.805457672	2.148583759
ENSMUSG00000092972	0.707451851	0	0	0.805457672	2.148583759
ENSMUSG00000092973	61.54831106	89.0390072	88.26888097	85.37851324	100.2672421
ENSMUSG00000092974	14.14903703	10.43425866	9.886114669	18.52552646	17.18867007
ENSMUSG00000092978	31.83533331	38.95456565	40.95676077	14.4982381	17.18867007
ENSMUSG00000092979	8.489422215	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000092981	25.46826665	43.82388636	42.36906287	82.15668255	57.29556691
ENSMUSG00000092985	11.31922962	9.738641413	13.41686991	12.88732275	12.89150255

ENSMUSG00000092986	9.904325918	7.651789682	7.767661525	4.02728836	6.445751277
ENSMUSG00000092988	5.65961481	6.260555194	4.943057334	6.443661377	8.594335036
ENSMUSG00000092990	9.196874066	12.52111039	9.886114669	10.47094974	12.89150255
ENSMUSG00000092994	6.367066661	6.260555194	7.767661525	11.27640741	7.161945863
ENSMUSG00000092995	0.707451851	0.695617244	0.706151048	0.805457672	1.432389173
ENSMUSG00000092997	2.122355554	5.56493795	4.943057334	1.610915344	2.864778345
ENSMUSG00000092998	12.02668147	6.956172438	9.179963621	3.221830688	6.445751277
ENSMUSG00000092999	6.367066661	4.869320706	9.886114669	6.443661377	7.87814045
ENSMUSG00000093000	0	3.478086219	4.943057334	0.805457672	0.716194586
ENSMUSG00000093002	8.489422215	6.956172438	9.179963621	6.443661377	7.161945863
ENSMUSG00000093003	13.44158517	14.60796212	17.65377619	8.054576721	15.04008631
ENSMUSG00000093004	2.122355554	0.695617244	0.706151048	0.805457672	1.432389173
ENSMUSG00000093005	15.56394073	5.56493795	8.473812573	4.02728836	6.445751277
ENSMUSG00000093006	154.2245036	169.0349902	183.5992724	314.9339498	254.2490782
ENSMUSG00000093007	0	2.782468975	1.412302096	2.416373016	2.864778345
ENSMUSG00000093009	4.244711108	5.56493795	3.530755239	9.665492065	6.445751277
ENSMUSG00000093010	4.952162959	9.043024169	10.59226572	4.832746033	5.013362104
ENSMUSG00000093011	4.244711108	2.782468975	4.943057334	6.443661377	6.445751277
ENSMUSG00000093013	4.244711108	9.043024169	9.179963621	3.221830688	8.594335036
ENSMUSG00000093014	3.537259256	2.782468975	5.649208382	2.416373016	2.148583759
ENSMUSG00000093015	5.65961481	6.260555194	9.886114669	4.02728836	5.013362104
ENSMUSG00000093017	9.196874066	9.738641413	7.767661525	8.860034393	5.729556691
ENSMUSG00000093019	7.074518513	4.173703463	5.649208382	1.610915344	4.297167518
ENSMUSG00000093021	31.83533331	40.34580014	40.25060972	13.69278043	18.62105924
ENSMUSG00000093023	4.952162959	6.956172438	6.35535943	8.054576721	7.161945863
ENSMUSG00000093024	8.489422215	6.956172438	4.236906287	4.02728836	2.864778345
ENSMUSG00000093025	6.367066661	4.173703463	12.00456781	6.443661377	3.580972932
ENSMUSG00000093026	45.27691848	68.86610713	63.5535943	93.43308996	73.05184781
ENSMUSG00000093029	12.73413332	6.956172438	11.29841676	7.249119049	7.87814045
ENSMUSG00000093030	155.6394073	178.7736317	165.9454962	204.5862487	162.5761711
ENSMUSG00000093031	14.85648888	18.78166558	14.12302096	8.860034393	11.45911338
ENSMUSG00000093032	9.196874066	9.043024169	7.767661525	5.638203705	6.445751277
ENSMUSG00000093033	7.074518513	11.1298759	7.061510478	3.221830688	7.87814045
ENSMUSG00000093034	103.9954221	165.556904	148.29172	64.43661377	75.91662615
ENSMUSG00000093036	12.02668147	4.869320706	8.473812573	4.832746033	7.161945863
ENSMUSG00000093037	24.05336294	20.86851731	19.77222934	33.02376456	24.35061594
ENSMUSG00000093039	0.707451851	2.086851731	1.412302096	0	0.716194586
ENSMUSG00000093040	152.102148	182.9473351	155.3532305	173.1733995	137.5093606
ENSMUSG00000093041	5.65961481	3.478086219	7.061510478	8.054576721	7.87814045
ENSMUSG00000093042	9.196874066	8.347406925	7.767661525	7.249119049	5.729556691
ENSMUSG00000093044	7.781970364	26.43345526	21.89068248	12.08186508	20.05344842
ENSMUSG00000093046	2.122355554	0.695617244	1.412302096	0	0.716194586
ENSMUSG00000093050	116.0221036	155.8182626	148.29172	311.7121191	246.3709377

ENSMUSG0000093051	14.14903703	20.86851731	29.65834401	9.665492065	16.47247549
ENSMUSG0000093052	42.44711108	40.34580014	58.61053696	50.74383334	50.13362104
ENSMUSG0000093053	9.904325918	8.347406925	6.35535943	3.221830688	5.013362104
ENSMUSG0000093054	11.31922962	6.956172438	6.35535943	4.832746033	6.445751277
ENSMUSG0000093056	16.27139258	22.95536904	12.71071886	13.69278043	15.04008631
ENSMUSG0000093058	8.489422215	8.347406925	9.179963621	5.638203705	7.161945863
ENSMUSG0000093059	2.829807405	3.478086219	5.649208382	1.610915344	4.297167518
ENSMUSG0000093060	149.9797925	201.7290007	195.6038402	144.982381	126.0502472
ENSMUSG0000093061	130.8785925	187.8166558	164.5331941	165.9242805	153.9818361
ENSMUSG0000093063	74.98989623	91.82147618	110.1595635	86.98942859	79.49759908
ENSMUSG0000093064	14.14903703	19.47728283	14.829172	17.72006879	14.32389173
ENSMUSG0000093065	9.196874066	5.56493795	12.00456781	11.27640741	4.297167518
ENSMUSG0000093067	5.65961481	9.043024169	7.061510478	8.054576721	5.729556691
ENSMUSG0000093070	9.196874066	6.956172438	2.824604191	4.832746033	5.729556691
ENSMUSG0000093071	31.12788146	45.91073809	53.66747963	81.35122488	65.17370736
ENSMUSG0000093072	9.904325918	6.956172438	9.179963621	4.832746033	6.445751277
ENSMUSG0000093073	7.781970364	6.956172438	7.061510478	4.02728836	10.7429188
ENSMUSG0000093074	9.196874066	4.869320706	4.943057334	1.610915344	4.297167518
ENSMUSG0000093075	7.781970364	8.347406925	7.061510478	7.249119049	9.310529622
ENSMUSG0000093076	18.39374813	27.82468975	25.42143772	24.96918783	34.37734014
ENSMUSG0000093079	5.65961481	6.956172438	11.29841676	10.47094974	5.729556691
ENSMUSG0000093080	10.61177777	9.738641413	14.12302096	12.08186508	16.47247549
ENSMUSG0000093081	52.35143699	49.38882431	50.13672439	26.58010318	30.79636721
ENSMUSG0000093082	4.952162959	6.956172438	6.35535943	5.638203705	5.013362104
ENSMUSG0000093083	7.074518513	16.69481385	13.41686991	12.08186508	8.594335036
ENSMUSG0000093085	5.65961481	4.869320706	8.473812573	4.02728836	7.161945863
ENSMUSG0000093087	14.14903703	10.43425866	11.29841676	13.69278043	7.87814045
ENSMUSG0000093089	7.074518513	7.651789682	7.767661525	5.638203705	7.87814045
ENSMUSG0000093090	4.952162959	4.869320706	2.824604191	3.221830688	4.297167518
ENSMUSG0000093091	5.65961481	4.173703463	6.35535943	4.02728836	7.161945863
ENSMUSG0000093092	1.414903703	3.478086219	3.530755239	0.805457672	0
ENSMUSG0000093093	4.244711108	2.782468975	5.649208382	3.221830688	6.445751277
ENSMUSG0000093096	4.952162959	9.043024169	4.236906287	6.443661377	8.594335036
ENSMUSG0000093097	7.074518513	4.869320706	7.767661525	3.221830688	7.87814045
ENSMUSG0000093100	38.20239997	47.99758982	45.8998181	18.52552646	26.49919969
ENSMUSG0000093101	8.489422215	4.173703463	7.767661525	3.221830688	5.729556691
ENSMUSG0000093102	5.65961481	0.695617244	5.649208382	2.416373016	3.580972932
ENSMUSG0000093105	6.367066661	10.43425866	9.179963621	3.221830688	7.87814045
ENSMUSG0000093106	5.65961481	6.956172438	9.179963621	9.665492065	8.594335036
ENSMUSG0000093107	31.12788146	45.21512085	51.54902649	41.88379895	47.2688427
ENSMUSG0000093108	12.73413332	10.43425866	6.35535943	8.054576721	9.310529622
ENSMUSG0000093112	10.61177777	18.08604834	8.473812573	8.860034393	14.32389173
ENSMUSG0000093113	8.489422215	6.956172438	9.179963621	12.08186508	2.148583759

ENSMUSG0000093114	9.904325918	9.043024169	9.886114669	3.221830688	7.161945863
ENSMUSG0000093115	9.196874066	7.651789682	4.943057334	3.221830688	8.594335036
ENSMUSG0000093116	8.489422215	7.651789682	5.649208382	5.638203705	4.297167518
ENSMUSG0000093117	7.781970364	4.869320706	8.473812573	3.221830688	5.013362104
ENSMUSG0000093118	10.61177777	10.43425866	7.767661525	2.416373016	5.729556691
ENSMUSG0000093119	11.31922962	24.34660353	17.65377619	12.08186508	18.62105924
ENSMUSG0000093120	18.39374813	12.52111039	16.2414741	17.72006879	20.769643
ENSMUSG0000093122	0.707451851	1.391234488	2.118453143	0.805457672	1.432389173
ENSMUSG0000093124	45.27691848	54.25814501	69.90895373	38.66196826	38.67450766
ENSMUSG0000093125	4.952162959	8.347406925	4.236906287	8.860034393	3.580972932
ENSMUSG0000093128	7.074518513	6.260555194	11.29841676	4.02728836	6.445751277
ENSMUSG0000093129	7.074518513	8.347406925	5.649208382	6.443661377	6.445751277
ENSMUSG0000093132	12.02668147	15.99919661	14.12302096	9.665492065	10.7429188
ENSMUSG0000093133	12.73413332	20.17290007	18.35992724	28.19101852	21.48583759
ENSMUSG0000093134	7.781970364	6.260555194	5.649208382	7.249119049	8.594335036
ENSMUSG0000093135	16.27139258	12.52111039	12.71071886	11.27640741	10.02672421
ENSMUSG0000093137	9.904325918	11.82549314	9.179963621	5.638203705	7.161945863
ENSMUSG0000093138	47.39927403	54.95376226	66.37819849	28.19101852	30.79636721
ENSMUSG0000093139	4.244711108	9.043024169	6.35535943	3.221830688	7.161945863
ENSMUSG0000093140	9.196874066	11.82549314	8.473812573	7.249119049	2.864778345
ENSMUSG0000093142	9.196874066	4.869320706	10.59226572	1.610915344	7.161945863
ENSMUSG0000093146	15.56394073	23.65098629	24.71528667	26.58010318	29.36397804
ENSMUSG0000093147	29.0055259	37.56333116	43.07521391	65.24207144	48.70123187
ENSMUSG0000093148	8.489422215	11.1298759	11.29841676	15.30369577	12.17530797
ENSMUSG0000093149	9.196874066	10.43425866	9.886114669	14.4982381	14.32389173
ENSMUSG0000093152	15.56394073	8.347406925	7.767661525	8.054576721	7.87814045
ENSMUSG0000093153	11.31922962	4.173703463	8.473812573	3.221830688	8.594335036
ENSMUSG0000093155	23.34591109	27.12907251	32.4829482	45.10562964	32.94495097
ENSMUSG0000093156	8.489422215	8.347406925	7.767661525	16.10915344	14.32389173
ENSMUSG0000093157	14.14903703	20.86851731	19.06607829	16.10915344	20.05344842
ENSMUSG0000093158	4.952162959	4.173703463	7.767661525	4.02728836	5.729556691
ENSMUSG0000093159	9.904325918	12.52111039	6.35535943	1.610915344	6.445751277
ENSMUSG0000093160	4.952162959	6.260555194	7.767661525	8.054576721	8.594335036
ENSMUSG0000093161	7.781970364	6.956172438	8.473812573	5.638203705	4.297167518
ENSMUSG0000093162	6.367066661	6.260555194	12.00456781	8.054576721	11.45911338
ENSMUSG0000093163	9.196874066	10.43425866	12.71071886	15.30369577	4.297167518
ENSMUSG0000093164	9.904325918	9.043024169	6.35535943	5.638203705	6.445751277
ENSMUSG0000093165	7.781970364	6.956172438	8.473812573	9.665492065	7.161945863
ENSMUSG0000093167	1.414903703	6.956172438	2.118453143	3.221830688	1.432389173
ENSMUSG0000093168	30.4204296	50.7800588	41.66291182	47.52200265	32.94495097
ENSMUSG0000093169	8.489422215	4.869320706	5.649208382	3.221830688	5.729556691
ENSMUSG0000093170	8.489422215	7.651789682	5.649208382	5.638203705	5.013362104
ENSMUSG0000093172	12.02668147	18.78166558	11.29841676	19.33098413	21.48583759

ENSMUSG0000093173	4.952162959	8.347406925	4.236906287	7.249119049	9.310529622
ENSMUSG0000093176	13.44158517	10.43425866	10.59226572	9.665492065	12.89150255
ENSMUSG0000093177	7.074518513	4.869320706	4.943057334	8.860034393	7.161945863
ENSMUSG0000093178	6.367066661	12.52111039	7.061510478	45.10562964	36.5259239
ENSMUSG0000093180	3.537259256	2.086851731	2.118453143	4.02728836	1.432389173
ENSMUSG0000093183	7.781970364	2.086851731	4.943057334	4.832746033	8.594335036
ENSMUSG0000093184	10.61177777	9.738641413	8.473812573	1.610915344	4.297167518
ENSMUSG0000093185	33.95768886	36.17209668	31.77679715	30.60739154	31.5125618
ENSMUSG0000093187	10.61177777	7.651789682	4.236906287	6.443661377	6.445751277
ENSMUSG0000093189	7.781970364	6.260555194	6.35535943	6.443661377	5.729556691
ENSMUSG0000093190	11.31922962	23.65098629	12.71071886	11.27640741	15.04008631
ENSMUSG0000093191	8.489422215	9.043024169	9.886114669	7.249119049	5.013362104
ENSMUSG0000093192	8.489422215	30.60715873	28.95219296	24.96918783	32.22875639
ENSMUSG0000093202	12.73413332	4.869320706	7.061510478	12.88732275	10.7429188
ENSMUSG0000093203	6.367066661	11.1298759	5.649208382	4.02728836	4.297167518
ENSMUSG0000093206	4.952162959	2.086851731	5.649208382	3.221830688	4.297167518
ENSMUSG0000093207	10.61177777	5.56493795	7.061510478	4.832746033	8.594335036
ENSMUSG0000093208	0	0	0	0	0
ENSMUSG0000093211	7.074518513	6.260555194	4.236906287	5.638203705	7.161945863
ENSMUSG0000093212	11.31922962	5.56493795	12.00456781	5.638203705	7.161945863
ENSMUSG0000093214	12.73413332	8.347406925	7.767661525	6.443661377	7.87814045
ENSMUSG0000093215	9.196874066	6.260555194	6.35535943	9.665492065	10.02672421
ENSMUSG0000093216	12.02668147	3.478086219	7.767661525	7.249119049	5.729556691
ENSMUSG0000093217	3.537259256	5.56493795	3.530755239	8.054576721	6.445751277
ENSMUSG0000093218	7.781970364	5.56493795	7.767661525	4.832746033	7.161945863
ENSMUSG0000093219	9.904325918	15.99919661	14.12302096	19.33098413	21.48583759
ENSMUSG0000093221	19.10119998	4.869320706	5.649208382	7.249119049	9.310529622
ENSMUSG0000093223	6.367066661	4.173703463	9.886114669	8.054576721	6.445751277
ENSMUSG0000093224	1.414903703	4.173703463	2.824604191	1.610915344	2.148583759
ENSMUSG0000093226	4.952162959	8.347406925	7.767661525	5.638203705	6.445751277
ENSMUSG0000093227	2.122355554	2.086851731	2.118453143	2.416373016	2.148583759
ENSMUSG0000093228	6.367066661	9.738641413	5.649208382	8.054576721	7.161945863
ENSMUSG0000093230	0	0.695617244	0	0	0
ENSMUSG0000093231	7.074518513	4.173703463	1.412302096	1.610915344	2.864778345
ENSMUSG0000093232	111.0699406	183.6429524	148.29172	282.7156429	206.2640409
ENSMUSG0000093234	8.489422215	6.260555194	12.00456781	5.638203705	5.013362104
ENSMUSG0000093236	9.904325918	6.956172438	10.59226572	4.832746033	6.445751277
ENSMUSG0000093238	7.781970364	4.173703463	3.530755239	8.054576721	5.013362104
ENSMUSG0000093239	125.9264295	181.5561006	143.3486627	150.6205847	152.5494469
ENSMUSG0000093240	15.56394073	8.347406925	3.530755239	7.249119049	7.161945863
ENSMUSG0000093241	11.31922962	3.478086219	7.767661525	5.638203705	3.580972932
ENSMUSG0000093242	0.707451851	0.695617244	0.706151048	0	0
ENSMUSG0000093243	4.952162959	13.21672763	3.530755239	5.638203705	9.310529622

ENSMUSG0000093245	9.904325918	20.86851731	20.47838039	57.18749472	45.83645353
ENSMUSG0000093246	12.02668147	7.651789682	14.12302096	34.6346799	23.63442135
ENSMUSG0000093249	46.69182218	57.04061399	51.54902649	133.7059736	99.5510475
ENSMUSG0000093251	6.367066661	6.956172438	4.943057334	6.443661377	10.7429188
ENSMUSG0000093253	2.122355554	2.086851731	3.530755239	2.416373016	1.432389173
ENSMUSG0000093254	4.952162959	3.478086219	12.00456781	3.221830688	5.013362104
ENSMUSG0000093256	4.952162959	7.651789682	7.061510478	4.02728836	11.45911338
ENSMUSG0000093258	9.196874066	5.56493795	9.886114669	5.638203705	9.310529622
ENSMUSG0000093260	10.61177777	9.043024169	7.061510478	7.249119049	10.02672421
ENSMUSG0000093261	3.537259256	6.956172438	7.767661525	3.221830688	7.87814045
ENSMUSG0000093262	15.56394073	13.91234488	14.12302096	13.69278043	18.62105924
ENSMUSG0000093264	4.952162959	3.478086219	4.943057334	5.638203705	2.864778345
ENSMUSG0000093266	1.414903703	1.391234488	0	0.805457672	0.716194586
ENSMUSG0000093269	9.904325918	5.56493795	7.767661525	8.860034393	4.297167518
ENSMUSG0000093270	15.56394073	18.08604834	16.94762515	25.77464551	25.78300511
ENSMUSG0000093271	7.074518513	4.173703463	7.061510478	4.832746033	5.729556691
ENSMUSG0000093273	0	0	0	0	0
ENSMUSG0000093274	9.904325918	9.043024169	12.00456781	4.02728836	4.297167518
ENSMUSG0000093276	13.44158517	2.086851731	8.473812573	5.638203705	7.161945863
ENSMUSG0000093277	5.65961481	9.043024169	2.824604191	5.638203705	7.161945863
ENSMUSG0000093278	6.367066661	15.99919661	11.29841676	6.443661377	11.45911338
ENSMUSG0000093279	7.074518513	8.347406925	5.649208382	6.443661377	11.45911338
ENSMUSG0000093280	5.65961481	1.391234488	4.236906287	8.860034393	10.02672421
ENSMUSG0000093281	9.904325918	6.260555194	11.29841676	2.416373016	7.87814045
ENSMUSG0000093282	12.73413332	5.56493795	4.943057334	6.443661377	6.445751277
ENSMUSG0000093283	37.49494812	54.25814501	49.43057334	40.2728836	42.25548059
ENSMUSG0000093286	9.196874066	13.21672763	10.59226572	8.860034393	12.89150255
ENSMUSG0000093289	43.86201478	72.34419335	86.85657888	163.5079074	140.3741389
ENSMUSG0000093290	19.10119998	24.34660353	24.00913562	32.21830688	39.39070225
ENSMUSG0000093291	1.414903703	2.086851731	0.706151048	4.02728836	2.148583759
ENSMUSG0000093292	12.02668147	4.173703463	10.59226572	4.832746033	4.297167518
ENSMUSG0000093293	9.196874066	2.782468975	6.35535943	6.443661377	7.161945863
ENSMUSG0000093294	0	0	0	0	0
ENSMUSG0000093296	8.489422215	10.43425866	7.767661525	8.860034393	7.161945863
ENSMUSG0000093298	9.904325918	9.738641413	9.886114669	4.02728836	7.161945863
ENSMUSG0000093300	7.074518513	4.173703463	9.179963621	4.832746033	3.580972932
ENSMUSG0000093301	9.196874066	6.956172438	3.530755239	4.02728836	4.297167518
ENSMUSG0000093302	10.61177777	9.738641413	7.061510478	4.02728836	5.013362104
ENSMUSG0000093303	4.952162959	6.260555194	9.179963621	4.832746033	8.594335036
ENSMUSG0000093306	7.074518513	8.347406925	5.649208382	9.665492065	11.45911338
ENSMUSG0000093311	10.61177777	10.43425866	9.179963621	8.054576721	10.7429188
ENSMUSG0000093314	2.122355554	2.086851731	2.118453143	3.221830688	2.148583759
ENSMUSG0000093315	44.56946663	59.12746572	62.84744325	82.15668255	74.48423698

ENSMUSG0000093317	9.904325918	9.043024169	9.179963621	4.02728836	7.87814045
ENSMUSG0000093319	7.074518513	6.956172438	6.35535943	11.27640741	5.729556691
ENSMUSG0000093322	7.074518513	4.869320706	7.061510478	8.054576721	5.013362104
ENSMUSG0000093323	45.27691848	53.56252777	61.43514116	73.29664816	74.48423698
ENSMUSG0000093324	3.537259256	6.956172438	8.473812573	4.832746033	1.432389173
ENSMUSG0000093325	7.074518513	10.43425866	8.473812573	3.221830688	7.87814045
ENSMUSG0000093327	7.781970364	11.1298759	18.35992724	34.6346799	31.5125618
ENSMUSG0000093329	7.074518513	8.347406925	9.886114669	2.416373016	7.87814045
ENSMUSG0000093331	5.65961481	6.956172438	7.061510478	6.443661377	6.445751277
ENSMUSG0000093334	62.96321476	101.5601176	77.67661525	40.2728836	45.12025894
ENSMUSG0000093335	8.489422215	1.391234488	4.943057334	2.416373016	3.580972932
ENSMUSG0000093336	6.367066661	4.869320706	7.061510478	7.249119049	5.729556691
ENSMUSG0000093338	7.781970364	12.52111039	10.59226572	8.054576721	9.310529622
ENSMUSG0000093340	3.537259256	6.956172438	4.236906287	0.805457672	7.87814045
ENSMUSG0000093341	12.02668147	31.99839321	27.53989086	22.55281482	20.05344842
ENSMUSG0000093342	12.02668147	9.043024169	10.59226572	6.443661377	14.32389173
ENSMUSG0000093344	8.489422215	8.347406925	16.2414741	4.02728836	7.87814045
ENSMUSG0000093345	319.7682368	329.7225736	305.7634037	388.2305979	254.2490782
ENSMUSG0000093346	106.1177777	119.6461659	138.4056054	194.9207566	158.2790036
ENSMUSG0000093348	39.61730367	52.17129328	50.84287544	30.60739154	37.95831308
ENSMUSG0000093349	6.367066661	10.43425866	9.179963621	1.610915344	5.729556691
ENSMUSG0000093351	4.952162959	6.956172438	4.236906287	5.638203705	6.445751277
ENSMUSG0000093352	13.44158517	19.47728283	18.35992724	11.27640741	20.769643
ENSMUSG0000093354	0	0	0	0.805457672	0
ENSMUSG0000093355	1.414903703	1.391234488	0.706151048	8.054576721	2.148583759
ENSMUSG0000093356	9.904325918	8.347406925	9.886114669	4.832746033	2.864778345
ENSMUSG0000093358	8.489422215	6.956172438	8.473812573	5.638203705	9.310529622
ENSMUSG0000093359	10.61177777	9.738641413	10.59226572	7.249119049	8.594335036
ENSMUSG0000093362	4.952162959	5.56493795	6.35535943	4.832746033	2.864778345
ENSMUSG0000093363	29.71297775	46.60635533	48.7244223	45.10562964	38.67450766
ENSMUSG0000093365	2.122355554	0.695617244	1.412302096	0.805457672	0
ENSMUSG0000093368	7.074518513	5.56493795	3.530755239	7.249119049	9.310529622
ENSMUSG0000093373	12.02668147	8.347406925	9.179963621	9.665492065	6.445751277
ENSMUSG0000093378	8.489422215	9.043024169	7.767661525	16.10915344	17.90486466
ENSMUSG0000093380	5.65961481	6.956172438	7.767661525	1.610915344	5.729556691
ENSMUSG0000093381	12.02668147	9.738641413	7.767661525	7.249119049	8.594335036
ENSMUSG0000093382	5.65961481	6.956172438	3.530755239	7.249119049	5.729556691
ENSMUSG0000093383	9.904325918	8.347406925	4.236906287	4.02728836	6.445751277
ENSMUSG0000093384	6.367066661	6.260555194	1.412302096	2.416373016	6.445751277
ENSMUSG0000093385	9.196874066	10.43425866	4.943057334	7.249119049	4.297167518
ENSMUSG0000093386	9.904325918	7.651789682	7.061510478	6.443661377	8.594335036
ENSMUSG0000093387	24.76081479	40.34580014	33.89525029	45.91108731	51.56601022
ENSMUSG0000093388	0	0	0	0	0.716194586

ENSMUSG0000093392	13.44158517	15.99919661	14.12302096	21.74735715	25.78300511
ENSMUSG0000093394	12.02668147	5.56493795	9.886114669	3.221830688	4.297167518
ENSMUSG0000093395	12.73413332	8.347406925	8.473812573	8.054576721	3.580972932
ENSMUSG0000093397	16.97884443	12.52111039	20.47838039	12.08186508	19.33725383
ENSMUSG0000093398	4.952162959	14.60796212	8.473812573	3.221830688	7.87814045
ENSMUSG0000093400	14.14903703	8.347406925	7.061510478	4.832746033	7.161945863
ENSMUSG0000093401	7.074518513	5.56493795	4.236906287	6.443661377	3.580972932
ENSMUSG0000093402	0	0	0	0	0
ENSMUSG0000093403	7.074518513	9.738641413	7.767661525	8.860034393	10.7429188
ENSMUSG0000093404	142.1978221	180.1648661	170.1824025	120.0131931	121.0368851
ENSMUSG0000093405	6.367066661	3.478086219	4.943057334	8.054576721	8.594335036
ENSMUSG0000093406	8.489422215	8.347406925	4.236906287	4.02728836	8.594335036
ENSMUSG0000093408	6.367066661	5.56493795	3.530755239	4.832746033	1.432389173
ENSMUSG0000093409	20.51610369	16.69481385	19.77222934	20.94189947	20.769643
ENSMUSG0000093410	4.244711108	2.782468975	2.118453143	0.805457672	4.297167518
ENSMUSG0000093413	14.85648888	19.47728283	10.59226572	35.44013757	34.37734014
ENSMUSG0000093414	7.074518513	7.651789682	5.649208382	1.610915344	5.013362104
ENSMUSG0000093416	5.65961481	4.869320706	9.179963621	6.443661377	7.87814045
ENSMUSG0000093418	10.61177777	7.651789682	4.236906287	5.638203705	7.87814045
ENSMUSG0000093419	93.38364437	118.9505487	120.7518292	76.51847885	93.10529622
ENSMUSG0000093420	9.904325918	6.260555194	7.061510478	6.443661377	10.7429188
ENSMUSG0000093421	9.904325918	13.91234488	8.473812573	7.249119049	11.45911338
ENSMUSG0000093424	48.10672589	91.12585893	72.02740687	117.5968201	113.1587446
ENSMUSG0000093426	6.367066661	9.043024169	7.061510478	2.416373016	5.013362104
ENSMUSG0000093427	9.196874066	10.43425866	5.649208382	5.638203705	9.310529622
ENSMUSG0000093428	4.244711108	2.086851731	4.236906287	4.02728836	4.297167518
ENSMUSG0000093429	19.80865184	14.60796212	16.94762515	18.52552646	14.32389173
ENSMUSG0000093433	8.489422215	6.260555194	7.061510478	5.638203705	2.148583759
ENSMUSG0000093434	8.489422215	5.56493795	7.061510478	5.638203705	13.60769714
ENSMUSG0000093436	1.414903703	3.478086219	2.824604191	0	0
ENSMUSG0000093437	45.98437033	78.60474855	74.14586002	49.93837567	57.29556691
ENSMUSG0000093441	9.196874066	7.651789682	4.236906287	9.665492065	7.161945863
ENSMUSG0000093443	2.829807405	0.695617244	2.118453143	0.805457672	1.432389173
ENSMUSG0000093444	6.367066661	9.043024169	7.767661525	4.02728836	7.87814045
ENSMUSG0000093446	12.73413332	6.956172438	12.00456781	8.860034393	7.87814045
ENSMUSG0000093447	10.61177777	11.1298759	10.59226572	4.832746033	4.297167518
ENSMUSG0000093449	9.904325918	3.478086219	4.236906287	8.054576721	6.445751277
ENSMUSG0000093452	13.44158517	9.738641413	2.118453143	9.665492065	7.87814045
ENSMUSG0000093453	4.244711108	6.260555194	4.236906287	4.02728836	5.013362104
ENSMUSG0000093454	6.367066661	7.651789682	5.649208382	7.249119049	6.445751277
ENSMUSG0000093456	12.02668147	12.52111039	12.71071886	8.054576721	10.02672421
ENSMUSG0000093458	13.44158517	1.391234488	4.943057334	7.249119049	6.445751277
ENSMUSG0000093459	4.952162959	11.1298759	9.179963621	6.443661377	5.729556691



ENSMUSG0000093460	8.489422215	2.782468975	8.473812573	1.610915344	3.580972932
ENSMUSG0000093461	7.074518513	8.347406925	12.71071886	8.054576721	3.580972932
ENSMUSG0000093465	77.81970364	130.0804246	134.8748501	65.24207144	68.75468029
ENSMUSG0000093467	7.074518513	12.52111039	7.061510478	12.08186508	5.013362104
ENSMUSG0000093469	6.367066661	4.869320706	8.473812573	8.054576721	2.864778345
ENSMUSG0000093470	38.20239997	71.64857611	55.78593277	61.21478308	45.12025894
ENSMUSG0000093472	6.367066661	9.738641413	9.886114669	5.638203705	8.594335036
ENSMUSG0000093473	20.51610369	13.91234488	12.00456781	5.638203705	11.45911338
ENSMUSG0000093474	9.904325918	10.43425866	7.767661525	4.02728836	14.32389173
ENSMUSG0000093476	29.0055259	45.91073809	49.43057334	17.72006879	27.21539428
ENSMUSG0000093479	11.31922962	6.956172438	9.179963621	4.832746033	5.729556691
ENSMUSG0000093480	10.61177777	7.651789682	8.473812573	8.054576721	8.594335036
ENSMUSG0000093482	5.65961481	4.173703463	9.179963621	4.02728836	10.02672421
ENSMUSG0000093483	26.88317035	44.5195036	28.24604191	80.54576721	58.72795608
ENSMUSG0000093484	8.489422215	3.478086219	7.061510478	3.221830688	1.432389173
ENSMUSG0000093487	7.074518513	6.956172438	7.767661525	4.832746033	7.161945863
ENSMUSG0000093489	8.489422215	6.260555194	2.824604191	7.249119049	12.17530797
ENSMUSG0000093490	9.904325918	7.651789682	10.59226572	5.638203705	8.594335036
ENSMUSG0000093492	7.781970364	10.43425866	7.767661525	5.638203705	8.594335036
ENSMUSG0000093493	8.489422215	9.738641413	5.649208382	7.249119049	9.310529622
ENSMUSG0000093495	44.56946663	76.51789682	72.02740687	52.35474869	42.97167518
ENSMUSG0000093497	9.196874066	6.260555194	4.943057334	4.832746033	8.594335036
ENSMUSG0000093498	2.829807405	11.82549314	17.65377619	1.610915344	5.013362104
ENSMUSG0000093499	9.904325918	9.043024169	9.179963621	4.02728836	4.297167518
ENSMUSG0000093502	6.367066661	6.260555194	4.943057334	6.443661377	10.02672421
ENSMUSG0000093503	15.56394073	11.82549314	11.29841676	6.443661377	7.161945863
ENSMUSG0000093504	12.73413332	6.260555194	6.35535943	4.832746033	5.729556691
ENSMUSG0000093505	5.65961481	5.56493795	3.530755239	2.416373016	2.864778345
ENSMUSG0000093507	7.781970364	8.347406925	8.473812573	5.638203705	10.02672421
ENSMUSG0000093508	7.074518513	10.43425866	7.767661525	4.02728836	5.729556691
ENSMUSG0000093509	8.489422215	4.173703463	8.473812573	4.832746033	4.297167518
ENSMUSG0000093510	9.904325918	6.956172438	7.767661525	7.249119049	7.161945863
ENSMUSG0000093511	10.61177777	15.99919661	9.179963621	4.832746033	11.45911338
ENSMUSG0000093513	8.489422215	10.43425866	7.061510478	7.249119049	5.729556691
ENSMUSG0000093514	7.781970364	18.78166558	21.18453143	81.35122488	67.32229112
ENSMUSG0000093515	3.537259256	5.56493795	7.061510478	8.054576721	7.87814045
ENSMUSG0000093516	7.781970364	7.651789682	13.41686991	8.054576721	11.45911338
ENSMUSG0000093518	12.73413332	10.43425866	12.71071886	5.638203705	1.432389173
ENSMUSG0000093519	7.781970364	6.956172438	5.649208382	5.638203705	7.161945863
ENSMUSG0000093520	10.61177777	7.651789682	7.061510478	4.832746033	3.580972932
ENSMUSG0000093522	9.196874066	9.738641413	7.767661525	8.054576721	7.161945863
ENSMUSG0000093525	21.93100739	44.5195036	41.66291182	30.60739154	30.79636721
ENSMUSG0000093528	11.31922962	11.82549314	7.061510478	9.665492065	4.297167518

ENSMUSG0000093529	17.68629628	18.08604834	9.886114669	8.054576721	17.18867007
ENSMUSG0000093530	8.489422215	9.738641413	6.35535943	2.416373016	7.161945863
ENSMUSG0000093531	5.65961481	8.347406925	6.35535943	1.610915344	5.013362104
ENSMUSG0000093533	11.31922962	10.43425866	7.061510478	2.416373016	5.729556691
ENSMUSG0000093534	7.781970364	8.347406925	9.886114669	9.665492065	7.87814045
ENSMUSG0000093535	10.61177777	5.56493795	9.179963621	4.832746033	9.310529622
ENSMUSG0000093537	10.61177777	6.260555194	9.886114669	3.221830688	5.729556691
ENSMUSG0000093538	9.196874066	10.43425866	8.473812573	2.416373016	7.87814045
ENSMUSG0000093539	7.074518513	7.651789682	9.179963621	4.832746033	7.161945863
ENSMUSG0000093540	8.489422215	6.956172438	8.473812573	5.638203705	7.161945863
ENSMUSG0000093541	7.781970364	11.1298759	7.767661525	8.860034393	6.445751277
ENSMUSG0000093542	12.73413332	13.91234488	9.886114669	13.69278043	10.02672421
ENSMUSG0000093543	7.074518513	6.956172438	7.767661525	4.02728836	4.297167518
ENSMUSG0000093544	7.074518513	6.956172438	9.179963621	3.221830688	7.87814045
ENSMUSG0000093545	9.904325918	11.82549314	8.473812573	7.249119049	2.864778345
ENSMUSG0000093546	7.074518513	9.043024169	8.473812573	4.02728836	3.580972932
ENSMUSG0000093547	10.61177777	10.43425866	6.35535943	3.221830688	10.02672421
ENSMUSG0000093548	9.904325918	6.260555194	7.767661525	4.02728836	7.87814045
ENSMUSG0000093549	10.61177777	12.52111039	9.179963621	6.443661377	7.87814045
ENSMUSG0000093551	7.074518513	8.347406925	7.061510478	4.832746033	5.729556691
ENSMUSG0000093552	7.074518513	4.173703463	2.118453143	3.221830688	6.445751277
ENSMUSG0000093553	14.14903703	34.78086219	23.30298458	17.72006879	17.18867007
ENSMUSG0000093554	14.14903703	7.651789682	16.94762515	7.249119049	12.17530797
ENSMUSG0000093556	7.074518513	8.347406925	6.35535943	7.249119049	7.87814045
ENSMUSG0000093557	9.904325918	6.260555194	7.061510478	5.638203705	8.594335036
ENSMUSG0000093559	15.56394073	33.3896277	26.12758877	19.33098413	25.78300511
ENSMUSG0000093560	6.367066661	6.956172438	8.473812573	4.02728836	9.310529622
ENSMUSG0000093561	12.02668147	9.043024169	9.886114669	1.610915344	7.161945863
ENSMUSG0000093562	7.781970364	13.21672763	9.179963621	15.30369577	19.33725383
ENSMUSG0000093563	13.44158517	3.478086219	13.41686991	4.832746033	2.864778345
ENSMUSG0000093564	11.31922962	6.956172438	7.061510478	4.02728836	4.297167518
ENSMUSG0000093565	9.196874066	11.1298759	8.473812573	11.27640741	10.02672421
ENSMUSG0000093567	9.904325918	9.738641413	2.824604191	3.221830688	7.87814045
ENSMUSG0000093568	9.196874066	6.260555194	7.061510478	8.860034393	7.161945863
ENSMUSG0000093570	16.27139258	9.738641413	9.179963621	4.832746033	7.161945863
ENSMUSG0000093571	12.73413332	6.260555194	7.061510478	4.832746033	5.013362104
ENSMUSG0000093572	5.65961481	6.956172438	4.943057334	8.860034393	7.161945863
ENSMUSG0000093573	5.65961481	8.347406925	4.943057334	7.249119049	5.013362104
ENSMUSG0000093574	47.39927403	77.9091313	68.49665163	62.82569842	66.60609653
ENSMUSG0000093576	8.489422215	9.043024169	5.649208382	5.638203705	4.297167518
ENSMUSG0000093577	22.63845924	26.43345526	24.00913562	14.4982381	20.769643
ENSMUSG0000093579	42.44711108	68.17048989	64.96589639	74.9075635	70.90326405
ENSMUSG0000093580	5.65961481	6.956172438	4.236906287	8.860034393	8.594335036

ENSMUSG00000093581	7.074518513	7.651789682	8.473812573	2.416373016	5.729556691
ENSMUSG00000093582	8.489422215	9.043024169	6.35535943	5.638203705	2.148583759
ENSMUSG00000093584	7.781970364	7.651789682	7.061510478	2.416373016	7.161945863
ENSMUSG00000093587	8.489422215	6.260555194	6.35535943	2.416373016	3.580972932
ENSMUSG00000093588	9.196874066	9.043024169	8.473812573	3.221830688	5.729556691
ENSMUSG00000093589	10.61177777	4.869320706	7.061510478	5.638203705	7.87814045
ENSMUSG00000093590	12.02668147	7.651789682	9.179963621	12.88732275	10.7429188
ENSMUSG00000093592	7.074518513	9.738641413	6.35535943	3.221830688	7.161945863
ENSMUSG00000093593	19.10119998	25.73783802	20.47838039	16.10915344	20.05344842
ENSMUSG00000093594	0	1.391234488	0	0	0
ENSMUSG00000093595	8.489422215	8.347406925	5.649208382	4.02728836	7.87814045
ENSMUSG00000093598	6.367066661	6.260555194	7.767661525	4.832746033	8.594335036
ENSMUSG00000093599	12.02668147	24.34660353	21.89068248	22.55281482	20.05344842
ENSMUSG00000093601	26.1757185	18.08604834	23.30298458	13.69278043	22.20203218
ENSMUSG00000093602	8.489422215	8.347406925	8.473812573	8.860034393	5.729556691
ENSMUSG00000093606	79.94205919	128.6891901	115.8087718	259.3573704	214.8583759
ENSMUSG00000093607	7.074518513	4.173703463	7.767661525	4.02728836	5.729556691
ENSMUSG00000093610	10.61177777	9.043024169	9.886114669	12.08186508	10.7429188
ENSMUSG00000093614	12.02668147	6.956172438	3.530755239	4.02728836	8.594335036
ENSMUSG00000093615	94.09109622	162.0788178	127.1071886	176.3952302	145.387501
ENSMUSG00000093616	7.074518513	2.782468975	8.473812573	7.249119049	7.161945863
ENSMUSG00000093617	9.904325918	12.52111039	13.41686991	7.249119049	10.02672421
ENSMUSG00000093618	38.90985182	54.25814501	42.36906287	97.46037832	85.22715578
ENSMUSG00000093619	117.4370073	130.0804246	137.6994543	143.3714656	111.0101609
ENSMUSG00000093621	7.074518513	5.56493795	8.473812573	4.832746033	9.310529622
ENSMUSG00000093622	11.31922962	9.738641413	14.12302096	16.10915344	10.02672421
ENSMUSG00000093623	10.61177777	13.91234488	14.829172	8.054576721	12.89150255
ENSMUSG00000093624	8.489422215	9.043024169	10.59226572	4.832746033	7.87814045
ENSMUSG00000093625	6.367066661	5.56493795	7.767661525	4.02728836	5.013362104
ENSMUSG00000093626	7.074518513	9.043024169	8.473812573	7.249119049	3.580972932
ENSMUSG00000093627	7.781970364	9.738641413	6.35535943	8.054576721	4.297167518
ENSMUSG00000093628	14.85648888	28.52030699	26.12758877	11.27640741	16.47247549
ENSMUSG00000093629	4.244711108	7.651789682	9.886114669	4.832746033	5.013362104
ENSMUSG00000093634	5.65961481	6.956172438	2.824604191	9.665492065	9.310529622
ENSMUSG00000093637	8.489422215	2.782468975	7.061510478	8.860034393	7.161945863
ENSMUSG00000093642	8.489422215	6.260555194	7.061510478	4.02728836	1.432389173
ENSMUSG00000093644	10.61177777	9.738641413	7.767661525	13.69278043	7.87814045
ENSMUSG00000093645	0	0	0	0	0
ENSMUSG00000093648	7.781970364	8.347406925	9.886114669	6.443661377	10.02672421
ENSMUSG00000093649	8.489422215	9.738641413	6.35535943	7.249119049	11.45911338
ENSMUSG00000093650	9.904325918	6.956172438	11.29841676	8.054576721	10.02672421
ENSMUSG00000093651	7.074518513	4.173703463	10.59226572	5.638203705	7.87814045
ENSMUSG00000093652	6.367066661	8.347406925	9.179963621	6.443661377	2.864778345

ENSMUSG00000093656	9.904325918	17.39043109	6.35535943	8.054576721	7.161945863
ENSMUSG00000093658	14.14903703	8.347406925	6.35535943	2.416373016	6.445751277
ENSMUSG00000093660	5.65961481	4.173703463	3.530755239	4.832746033	5.729556691
ENSMUSG00000093662	0	0	0.706151048	0.805457672	0.716194586
ENSMUSG00000093663	6.367066661	5.56493795	4.943057334	1.610915344	2.148583759
ENSMUSG00000093664	2.122355554	2.086851731	0.706151048	3.221830688	1.432389173
ENSMUSG00000093665	9.196874066	9.043024169	9.886114669	2.416373016	7.87814045
ENSMUSG00000093666	9.904325918	9.738641413	6.35535943	6.443661377	3.580972932
ENSMUSG00000093669	9.904325918	9.738641413	8.473812573	6.443661377	2.148583759
ENSMUSG00000093671	2.829807405	4.869320706	7.767661525	9.665492065	7.161945863
ENSMUSG00000093672	5.65961481	2.782468975	3.530755239	4.832746033	8.594335036
ENSMUSG00000093673	8.489422215	11.82549314	8.473812573	8.860034393	9.310529622
ENSMUSG00000093675	9.904325918	9.738641413	10.59226572	8.054576721	4.297167518
ENSMUSG00000093677	12.02668147	8.347406925	9.886114669	4.832746033	9.310529622
ENSMUSG00000093678	4.952162959	7.651789682	9.179963621	2.416373016	4.297167518
ENSMUSG00000093681	6.367066661	2.782468975	7.767661525	7.249119049	7.161945863
ENSMUSG00000093682	4.244711108	7.651789682	13.41686991	5.638203705	5.729556691
ENSMUSG00000093683	12.02668147	6.956172438	7.767661525	5.638203705	4.297167518
ENSMUSG00000093684	178.2778665	222.597518	198.4284444	202.1698757	169.0219224
ENSMUSG00000093685	11.31922962	9.043024169	7.061510478	9.665492065	7.87814045
ENSMUSG00000093686	9.196874066	7.651789682	8.473812573	8.054576721	5.729556691
ENSMUSG00000093687	9.904325918	9.043024169	8.473812573	10.47094974	6.445751277
ENSMUSG00000093688	8.489422215	11.82549314	11.29841676	9.665492065	3.580972932
ENSMUSG00000093689	9.904325918	6.956172438	4.943057334	4.832746033	5.013362104
ENSMUSG00000093690	15.56394073	27.82468975	21.89068248	17.72006879	32.94495097
ENSMUSG00000093693	9.196874066	7.651789682	11.29841676	5.638203705	5.013362104
ENSMUSG00000093695	21.93100739	44.5195036	37.42600553	17.72006879	28.64778345
ENSMUSG00000093697	5.65961481	4.869320706	9.886114669	4.832746033	9.310529622
ENSMUSG00000093699	9.196874066	4.173703463	8.473812573	4.02728836	5.013362104
ENSMUSG00000093701	21.93100739	33.3896277	24.00913562	15.30369577	28.64778345
ENSMUSG00000093702	10.61177777	5.56493795	9.179963621	6.443661377	6.445751277
ENSMUSG00000093703	13.44158517	7.651789682	9.179963621	8.054576721	5.729556691
ENSMUSG00000093705	9.196874066	7.651789682	7.767661525	8.054576721	5.013362104
ENSMUSG00000093707	8.489422215	9.043024169	14.12302096	4.832746033	8.594335036
ENSMUSG00000093708	4.952162959	6.956172438	11.29841676	1.610915344	4.297167518
ENSMUSG00000093710	0	0	0	0	0
ENSMUSG00000093711	6.367066661	6.956172438	7.061510478	2.416373016	5.729556691
ENSMUSG00000093714	5.65961481	4.869320706	5.649208382	5.638203705	7.87814045
ENSMUSG00000093716	10.61177777	10.43425866	4.236906287	4.832746033	8.594335036
ENSMUSG00000093719	7.781970364	10.43425866	12.71071886	4.832746033	8.594335036
ENSMUSG00000093720	62.25576291	95.2995624	87.56272992	158.6751614	118.1721067
ENSMUSG00000093721	7.074518513	8.347406925	7.767661525	7.249119049	7.161945863
ENSMUSG00000093722	82.7718666	123.8198694	116.5149229	53.16020636	59.44415067

ENSMUSG00000093724	11.31922962	5.56493795	7.061510478	4.832746033	9.310529622
ENSMUSG00000093725	10.61177777	7.651789682	10.59226572	4.832746033	5.729556691
ENSMUSG00000093726	9.904325918	11.82549314	4.943057334	8.860034393	14.32389173
ENSMUSG00000093727	14.14903703	9.738641413	10.59226572	4.02728836	12.89150255
ENSMUSG00000093728	5.65961481	10.43425866	5.649208382	7.249119049	7.87814045
ENSMUSG00000093729	8.489422215	4.869320706	7.061510478	7.249119049	6.445751277
ENSMUSG00000093730	10.61177777	16.69481385	14.829172	6.443661377	14.32389173
ENSMUSG00000093731	4.952162959	13.21672763	14.12302096	4.02728836	4.297167518
ENSMUSG00000093732	9.196874066	10.43425866	7.061510478	8.054576721	6.445751277
ENSMUSG00000093734	101.1656147	127.2979556	139.8179075	172.3679418	147.5360848
ENSMUSG00000093736	9.196874066	15.30357936	8.473812573	6.443661377	8.594335036
ENSMUSG00000093738	7.074518513	3.478086219	5.649208382	4.832746033	5.729556691
ENSMUSG00000093739	15.56394073	13.21672763	13.41686991	11.27640741	13.60769714
ENSMUSG00000093740	5.65961481	4.869320706	7.061510478	3.221830688	6.445751277
ENSMUSG00000093741	12.73413332	11.1298759	6.35535943	1.610915344	9.310529622
ENSMUSG00000093743	12.02668147	13.21672763	12.00456781	5.638203705	6.445751277
ENSMUSG00000093744	11.31922962	6.956172438	8.473812573	1.610915344	4.297167518
ENSMUSG00000093745	3.537259256	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG00000093746	35.37259256	25.73783802	31.0706461	81.35122488	50.13362104
ENSMUSG00000093747	12.02668147	4.869320706	8.473812573	11.27640741	7.87814045
ENSMUSG00000093748	9.904325918	10.43425866	9.179963621	3.221830688	2.864778345
ENSMUSG00000093749	8.489422215	8.347406925	5.649208382	6.443661377	10.02672421
ENSMUSG00000093751	8.489422215	8.347406925	9.886114669	6.443661377	6.445751277
ENSMUSG00000093753	9.904325918	6.956172438	7.061510478	8.860034393	5.729556691
ENSMUSG00000093756	7.781970364	6.260555194	9.179963621	5.638203705	5.729556691
ENSMUSG00000093757	14.14903703	8.347406925	4.236906287	5.638203705	7.161945863
ENSMUSG00000093758	16.27139258	36.17209668	33.89525029	17.72006879	22.20203218
ENSMUSG00000093759	6.367066661	2.782468975	8.473812573	5.638203705	6.445751277
ENSMUSG00000093760	16.97884443	6.956172438	9.886114669	4.02728836	10.02672421
ENSMUSG00000093761	14.14903703	9.043024169	8.473812573	4.832746033	10.02672421
ENSMUSG00000093762	4.952162959	2.086851731	9.886114669	7.249119049	7.161945863
ENSMUSG00000093763	10.61177777	7.651789682	5.649208382	8.054576721	10.02672421
ENSMUSG00000093765	8.489422215	9.043024169	7.767661525	4.832746033	4.297167518
ENSMUSG00000093766	9.196874066	13.91234488	7.061510478	4.02728836	5.013362104
ENSMUSG00000093767	9.904325918	8.347406925	7.061510478	7.249119049	7.87814045
ENSMUSG00000093768	15.56394073	22.2597518	31.77679715	13.69278043	14.32389173
ENSMUSG00000093770	10.61177777	5.56493795	4.943057334	7.249119049	5.729556691
ENSMUSG00000093771	8.489422215	7.651789682	8.473812573	9.665492065	7.161945863
ENSMUSG00000093772	5.65961481	3.478086219	6.35535943	7.249119049	7.87814045
ENSMUSG00000093773	9.904325918	8.347406925	5.649208382	4.832746033	5.013362104
ENSMUSG00000093774	10.61177777	10.43425866	6.35535943	4.832746033	7.87814045
ENSMUSG00000093775	7.074518513	10.43425866	8.473812573	4.02728836	2.148583759
ENSMUSG00000093776	11.31922962	9.738641413	7.061510478	9.665492065	5.013362104

ENSMUSG00000093779	265.2944442	285.2030699	267.6312471	467.1654498	326.5847314
ENSMUSG00000093780	9.904325918	6.260555194	6.35535943	8.054576721	7.87814045
ENSMUSG00000093781	12.02668147	9.738641413	9.179963621	4.832746033	5.013362104
ENSMUSG00000093782	0	0	0.706151048	0	0
ENSMUSG00000093784	1.414903703	1.391234488	3.530755239	0	2.864778345
ENSMUSG00000093787	9.904325918	6.260555194	3.530755239	8.054576721	6.445751277
ENSMUSG00000093788	12.73413332	6.260555194	5.649208382	1.610915344	9.310529622
ENSMUSG00000093791	5.65961481	10.43425866	8.473812573	5.638203705	4.297167518
ENSMUSG00000093793	38.90985182	46.60635533	45.19366706	46.71654498	40.10689684
ENSMUSG00000093795	5.65961481	5.56493795	6.35535943	3.221830688	7.87814045
ENSMUSG00000093796	2.829807405	7.651789682	3.530755239	0.805457672	2.148583759
ENSMUSG00000093798	17.68629628	7.651789682	12.00456781	31.41284921	30.08017263
ENSMUSG00000093799	12.73413332	4.869320706	7.767661525	5.638203705	9.310529622
ENSMUSG00000093800	16.27139258	11.82549314	13.41686991	7.249119049	10.02672421
ENSMUSG00000093801	6.367066661	7.651789682	8.473812573	5.638203705	7.87814045
ENSMUSG00000093802	7.074518513	2.086851731	1.412302096	0.805457672	2.864778345
ENSMUSG00000093804	8.489422215	9.043024169	6.35535943	4.02728836	4.297167518
ENSMUSG00000093807	9.904325918	11.1298759	10.59226572	12.08186508	10.02672421
ENSMUSG00000093808	7.781970364	11.82549314	6.35535943	1.610915344	3.580972932
ENSMUSG00000093813	13.44158517	7.651789682	8.473812573	6.443661377	10.02672421
ENSMUSG00000093814	8.489422215	4.869320706	9.179963621	7.249119049	7.87814045
ENSMUSG00000093815	7.781970364	9.043024169	10.59226572	8.054576721	6.445751277
ENSMUSG00000093816	0	0	2.824604191	1.610915344	0
ENSMUSG00000093817	2.122355554	3.478086219	1.412302096	2.416373016	2.864778345
ENSMUSG00000093818	0.707451851	0.695617244	0	0.805457672	1.432389173
ENSMUSG00000093820	9.904325918	10.43425866	10.59226572	1.610915344	5.013362104
ENSMUSG00000093822	6.367066661	6.260555194	5.649208382	9.665492065	6.445751277
ENSMUSG00000093823	16.97884443	13.91234488	6.35535943	9.665492065	5.729556691
ENSMUSG00000093824	0	0	0	0	0
ENSMUSG00000093826	8.489422215	11.82549314	9.886114669	8.860034393	10.7429188
ENSMUSG00000093827	9.904325918	5.56493795	4.943057334	6.443661377	5.013362104
ENSMUSG00000093829	9.196874066	4.869320706	7.767661525	4.02728836	5.729556691
ENSMUSG00000093830	0	0	0	0	0
ENSMUSG00000093831	6.367066661	8.347406925	7.061510478	6.443661377	8.594335036
ENSMUSG00000093833	8.489422215	8.347406925	7.767661525	8.054576721	14.32389173
ENSMUSG00000093834	7.074518513	7.651789682	4.236906287	5.638203705	5.729556691
ENSMUSG00000093835	8.489422215	11.82549314	9.886114669	4.02728836	7.161945863
ENSMUSG00000093838	4.952162959	3.478086219	1.412302096	2.416373016	2.864778345
ENSMUSG00000093839	12.02668147	6.956172438	2.824604191	6.443661377	9.310529622
ENSMUSG00000093841	8.489422215	9.043024169	6.35535943	5.638203705	7.161945863
ENSMUSG00000093843	7.781970364	11.82549314	13.41686991	6.443661377	8.594335036
ENSMUSG00000093844	8.489422215	8.347406925	9.886114669	5.638203705	5.729556691
ENSMUSG00000093846	9.196874066	9.043024169	5.649208382	6.443661377	7.87814045

ENSMUSG00000093847	9.904325918	4.869320706	7.767661525	8.054576721	5.729556691
ENSMUSG00000093849	6.367066661	6.956172438	3.530755239	11.27640741	5.729556691
ENSMUSG00000093851	4.952162959	3.478086219	8.473812573	2.416373016	1.432389173
ENSMUSG00000093852	0	0	0	0	0
ENSMUSG00000093853	15.56394073	9.738641413	7.061510478	2.416373016	5.013362104
ENSMUSG00000093854	0	0	0	0	0
ENSMUSG00000093856	40.32475552	77.21351406	67.79050059	99.07129367	88.09193412
ENSMUSG00000093857	5.65961481	5.56493795	2.824604191	2.416373016	5.729556691
ENSMUSG00000093858	144.3201777	207.9895559	206.902257	202.1698757	138.2255552
ENSMUSG00000093859	12.02668147	11.82549314	9.179963621	7.249119049	10.7429188
ENSMUSG00000093860	0	0	0	0	0
ENSMUSG00000093861	15.56394073	18.78166558	15.53532305	10.47094974	11.45911338
ENSMUSG00000093862	11.31922962	3.478086219	7.767661525	6.443661377	7.87814045
ENSMUSG00000093863	16.97884443	12.52111039	15.53532305	9.665492065	10.02672421
ENSMUSG00000093864	10.61177777	11.82549314	8.473812573	7.249119049	6.445751277
ENSMUSG00000093865	12.73413332	7.651789682	7.061510478	1.610915344	8.594335036
ENSMUSG00000093866	4.244711108	4.869320706	10.59226572	5.638203705	4.297167518
ENSMUSG00000093867	13.44158517	5.56493795	10.59226572	8.860034393	8.594335036
ENSMUSG00000093869	4.952162959	3.478086219	4.236906287	0.805457672	5.013362104
ENSMUSG00000093870	0	0	0	0	0
ENSMUSG00000093871	14.14903703	4.869320706	5.649208382	6.443661377	3.580972932
ENSMUSG00000093873	12.02668147	9.043024169	8.473812573	8.054576721	10.7429188
ENSMUSG00000093874	2.122355554	0.695617244	0	0	1.432389173
ENSMUSG00000093875	7.781970364	3.478086219	1.412302096	5.638203705	6.445751277
ENSMUSG00000093876	0	0	0	0	0
ENSMUSG00000093877	14.14903703	11.1298759	9.179963621	5.638203705	12.89150255
ENSMUSG00000093878	8.489422215	4.173703463	9.886114669	4.832746033	3.580972932
ENSMUSG00000093879	13.44158517	8.347406925	7.061510478	5.638203705	6.445751277
ENSMUSG00000093880	13.44158517	13.21672763	10.59226572	4.832746033	11.45911338
ENSMUSG00000093883	4.952162959	6.260555194	3.530755239	0.805457672	3.580972932
ENSMUSG00000093884	7.781970364	3.478086219	9.886114669	8.860034393	6.445751277
ENSMUSG00000093885	9.904325918	10.43425866	9.886114669	10.47094974	5.729556691
ENSMUSG00000093886	10.61177777	7.651789682	7.767661525	6.443661377	7.87814045
ENSMUSG00000093887	14.14903703	8.347406925	7.061510478	4.832746033	3.580972932
ENSMUSG00000093889	7.074518513	9.738641413	11.29841676	6.443661377	2.148583759
ENSMUSG00000093890	8.489422215	2.782468975	4.236906287	7.249119049	4.297167518
ENSMUSG00000093891	7.074518513	6.956172438	8.473812573	8.054576721	8.594335036
ENSMUSG00000093892	7.074518513	7.651789682	9.886114669	10.47094974	9.310529622
ENSMUSG00000093893	0	0	0	0	0
ENSMUSG00000093894	7.074518513	3.478086219	4.943057334	8.860034393	2.148583759
ENSMUSG00000093896	12.02668147	6.956172438	5.649208382	7.249119049	10.02672421
ENSMUSG00000093897	18.39374813	30.60715873	19.06607829	24.16373016	21.48583759
ENSMUSG00000093899	6.367066661	2.782468975	4.236906287	3.221830688	2.864778345

ENSMUSG00000093900	0	0	0	0	0
ENSMUSG00000093902	10.61177777	15.30357936	12.00456781	6.443661377	9.310529622
ENSMUSG00000093905	4.244711108	4.173703463	3.530755239	2.416373016	3.580972932
ENSMUSG00000093906	12.73413332	10.43425866	10.59226572	6.443661377	10.7429188
ENSMUSG00000093907	0	0	0	0	0
ENSMUSG00000093909	2.829807405	1.391234488	6.35535943	1.610915344	2.148583759
ENSMUSG00000093910	10.61177777	6.260555194	5.649208382	8.054576721	6.445751277
ENSMUSG00000093912	12.02668147	23.65098629	16.94762515	14.4982381	12.89150255
ENSMUSG00000093913	15.56394073	8.347406925	11.29841676	16.91461111	11.45911338
ENSMUSG00000093914	0	0	0	0	0
ENSMUSG00000093915	2.122355554	4.173703463	3.530755239	0.805457672	2.864778345
ENSMUSG00000093916	7.074518513	4.869320706	7.767661525	3.221830688	7.161945863
ENSMUSG00000093917	17.68629628	2.782468975	6.35535943	2.416373016	2.864778345
ENSMUSG00000093919	19.10119998	12.52111039	12.00456781	15.30369577	7.87814045
ENSMUSG00000093920	12.02668147	6.956172438	7.767661525	0.805457672	8.594335036
ENSMUSG00000093921	9.904325918	8.347406925	10.59226572	4.832746033	7.161945863
ENSMUSG00000093922	7.074518513	6.956172438	6.35535943	7.249119049	13.60769714
ENSMUSG00000093924	7.074518513	4.173703463	9.179963621	8.054576721	10.7429188
ENSMUSG00000093925	4.244711108	8.347406925	9.179963621	3.221830688	4.297167518
ENSMUSG00000093926	8.489422215	6.956172438	11.29841676	6.443661377	9.310529622
ENSMUSG00000093928	8.489422215	7.651789682	5.649208382	4.02728836	6.445751277
ENSMUSG00000093929	7.781970364	8.347406925	8.473812573	4.832746033	4.297167518
ENSMUSG00000093932	5.65961481	9.738641413	11.29841676	5.638203705	6.445751277
ENSMUSG00000093933	12.02668147	12.52111039	11.29841676	6.443661377	3.580972932
ENSMUSG00000093934	11.31922962	3.478086219	6.35535943	6.443661377	5.013362104
ENSMUSG00000093935	2.829807405	1.391234488	0.706151048	0.805457672	3.580972932
ENSMUSG00000093937	7.781970364	5.56493795	7.767661525	7.249119049	8.594335036
ENSMUSG00000093939	4.952162959	4.173703463	2.824604191	4.832746033	5.013362104
ENSMUSG00000093940	15.56394073	9.738641413	13.41686991	11.27640741	12.89150255
ENSMUSG00000093941	7.074518513	4.173703463	5.649208382	5.638203705	3.580972932
ENSMUSG00000093942	4.952162959	9.043024169	7.767661525	5.638203705	6.445751277
ENSMUSG00000093943	0	0	0	0	0
ENSMUSG00000093944	7.074518513	9.738641413	10.59226572	5.638203705	7.87814045
ENSMUSG00000093946	9.904325918	4.869320706	4.943057334	8.054576721	2.864778345
ENSMUSG00000093947	0.707451851	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG00000093948	13.44158517	6.260555194	6.35535943	7.249119049	5.013362104
ENSMUSG00000093949	8.489422215	4.869320706	5.649208382	4.832746033	7.87814045
ENSMUSG00000093951	0	0	0	0	0
ENSMUSG00000093952	8.489422215	8.347406925	7.061510478	1.610915344	5.729556691
ENSMUSG00000093953	9.904325918	2.782468975	6.35535943	4.02728836	6.445751277
ENSMUSG00000093955	7.074518513	6.956172438	6.35535943	5.638203705	2.864778345
ENSMUSG00000093956	8.489422215	11.1298759	7.061510478	8.860034393	20.05344842
ENSMUSG00000093958	4.952162959	2.782468975	3.530755239	1.610915344	2.864778345



ENSMUSG00000093959	11.31922962	6.956172438	9.886114669	4.832746033	7.161945863
ENSMUSG00000093960	0	0	0	0	0
ENSMUSG00000093961	16.27139258	19.47728283	18.35992724	10.47094974	7.87814045
ENSMUSG00000093963	12.02668147	7.651789682	5.649208382	4.02728836	5.729556691
ENSMUSG00000093964	12.02668147	4.173703463	10.59226572	8.054576721	10.02672421
ENSMUSG00000093965	9.196874066	8.347406925	16.2414741	10.47094974	7.161945863
ENSMUSG00000093966	10.61177777	7.651789682	10.59226572	6.443661377	5.013362104
ENSMUSG00000093967	7.781970364	4.869320706	12.71071886	7.249119049	9.310529622
ENSMUSG00000093968	9.904325918	4.869320706	13.41686991	3.221830688	7.161945863
ENSMUSG00000093969	8.489422215	9.738641413	4.943057334	5.638203705	7.87814045
ENSMUSG00000093970	12.73413332	11.82549314	8.473812573	6.443661377	6.445751277
ENSMUSG00000093971	2.122355554	4.869320706	3.530755239	4.02728836	0.716194586
ENSMUSG00000093974	6.367066661	4.173703463	5.649208382	3.221830688	2.864778345
ENSMUSG00000093975	6.367066661	7.651789682	4.236906287	5.638203705	6.445751277
ENSMUSG00000093976	11.31922962	8.347406925	10.59226572	4.02728836	10.02672421
ENSMUSG00000093977	12.02668147	2.782468975	11.29841676	6.443661377	6.445751277
ENSMUSG00000093978	15.56394073	9.738641413	8.473812573	4.832746033	10.7429188
ENSMUSG00000093980	8.489422215	4.869320706	4.236906287	4.02728836	6.445751277
ENSMUSG00000093981	0	0	0	0	0
ENSMUSG00000093983	10.61177777	9.738641413	5.649208382	11.27640741	4.297167518
ENSMUSG00000093984	4.952162959	2.086851731	3.530755239	4.832746033	5.013362104
ENSMUSG00000093986	8.489422215	6.956172438	7.061510478	4.832746033	5.013362104
ENSMUSG00000093988	3.537259256	6.260555194	7.767661525	6.443661377	5.729556691
ENSMUSG00000093990	2.122355554	4.173703463	3.530755239	0.805457672	2.864778345
ENSMUSG00000093992	11.31922962	6.956172438	9.179963621	4.832746033	5.013362104
ENSMUSG00000093994	2.122355554	1.391234488	4.943057334	4.02728836	5.013362104
ENSMUSG00000093995	0	0	0	0	0
ENSMUSG00000093996	6.367066661	4.869320706	1.412302096	6.443661377	2.864778345
ENSMUSG00000093997	0	0	0	0	0
ENSMUSG00000093998	25.46826665	15.30357936	14.829172	12.08186508	13.60769714
ENSMUSG00000093999	5.65961481	8.347406925	5.649208382	6.443661377	5.729556691
ENSMUSG00000094001	16.27139258	7.651789682	8.473812573	4.832746033	5.729556691
ENSMUSG00000094002	9.904325918	5.56493795	7.061510478	1.610915344	7.161945863
ENSMUSG00000094003	0	0	0	0	0
ENSMUSG00000094005	9.904325918	7.651789682	6.35535943	11.27640741	4.297167518
ENSMUSG00000094006	7.074518513	6.260555194	4.236906287	9.665492065	12.17530797
ENSMUSG00000094007	12.02668147	5.56493795	4.943057334	8.054576721	8.594335036
ENSMUSG00000094008	9.196874066	5.56493795	7.767661525	8.860034393	5.013362104
ENSMUSG00000094009	0	0	0	0	0
ENSMUSG00000094010	20.51610369	4.173703463	3.530755239	4.02728836	3.580972932
ENSMUSG00000094011	9.196874066	5.56493795	2.824604191	6.443661377	4.297167518
ENSMUSG00000094012	12.02668147	9.043024169	6.35535943	9.665492065	4.297167518
ENSMUSG00000094013	9.196874066	6.956172438	9.179963621	1.610915344	4.297167518

ENSMUSG0000094014	3.537259256	5.56493795	4.943057334	2.416373016	5.013362104
ENSMUSG0000094015	4.244711108	5.56493795	2.118453143	1.610915344	5.013362104
ENSMUSG0000094016	14.14903703	6.956172438	7.767661525	5.638203705	3.580972932
ENSMUSG0000094017	17.68629628	13.91234488	12.71071886	12.08186508	7.161945863
ENSMUSG0000094018	13.44158517	5.56493795	7.061510478	6.443661377	6.445751277
ENSMUSG0000094019	0	0	0	0	0
ENSMUSG0000094020	9.904325918	8.347406925	6.35535943	7.249119049	5.013362104
ENSMUSG0000094022	3.537259256	2.086851731	4.236906287	3.221830688	6.445751277
ENSMUSG0000094026	9.196874066	6.956172438	9.886114669	5.638203705	7.161945863
ENSMUSG0000094027	6.367066661	8.347406925	8.473812573	4.02728836	6.445751277
ENSMUSG0000094028	0.707451851	0	1.412302096	0.805457672	2.148583759
ENSMUSG0000094029	7.074518513	3.478086219	4.943057334	7.249119049	6.445751277
ENSMUSG0000094030	12.02668147	7.651789682	10.59226572	4.832746033	6.445751277
ENSMUSG0000094031	8.489422215	6.956172438	3.530755239	2.416373016	4.297167518
ENSMUSG0000094032	0	0	0	0	0
ENSMUSG0000094033	12.02668147	17.39043109	2.118453143	7.249119049	5.013362104
ENSMUSG0000094034	0	0	0	0	0
ENSMUSG0000094035	6.367066661	4.869320706	4.943057334	8.860034393	5.013362104
ENSMUSG0000094036	10.61177777	4.869320706	4.943057334	6.443661377	5.729556691
ENSMUSG0000094037	0	0	0	0	0
ENSMUSG0000094038	0	0	0	0	0
ENSMUSG0000094039	2.829807405	3.478086219	3.530755239	6.443661377	4.297167518
ENSMUSG0000094041	187.4747406	244.1616526	218.9068248	281.1047276	222.0203218
ENSMUSG0000094043	10.61177777	4.173703463	9.179963621	8.054576721	8.594335036
ENSMUSG0000094044	4.244711108	2.782468975	1.412302096	0.805457672	0.716194586
ENSMUSG0000094046	7.074518513	8.347406925	4.236906287	1.610915344	5.729556691
ENSMUSG0000094048	0	0	0	0	0
ENSMUSG0000094049	0	0	0	0	0
ENSMUSG0000094050	1.414903703	2.086851731	2.118453143	1.610915344	0.716194586
ENSMUSG0000094051	6.367066661	4.869320706	6.35535943	5.638203705	5.729556691
ENSMUSG0000094055	2.829807405	4.173703463	5.649208382	6.443661377	5.013362104
ENSMUSG0000094057	0.707451851	0	0	0.805457672	0
ENSMUSG0000094059	0	0	0	0	0
ENSMUSG0000094060	4.952162959	4.869320706	5.649208382	8.054576721	6.445751277
ENSMUSG0000094062	9.904325918	7.651789682	6.35535943	3.221830688	3.580972932
ENSMUSG0000094063	7.781970364	9.043024169	12.00456781	4.832746033	10.7429188
ENSMUSG0000094064	6.367066661	2.782468975	4.943057334	5.638203705	2.148583759
ENSMUSG0000094066	2.829807405	0	3.530755239	4.832746033	2.864778345
ENSMUSG0000094067	0	0	0	0	0
ENSMUSG0000094068	0	0	0	0	0
ENSMUSG0000094069	2.829807405	0.695617244	4.943057334	1.610915344	2.148583759
ENSMUSG0000094070	0	0	0	0	0
ENSMUSG0000094071	7.074518513	3.478086219	2.824604191	3.221830688	6.445751277

ENSMUSG00000094072	9.196874066	9.738641413	8.473812573	8.860034393	9.310529622
ENSMUSG00000094074	10.61177777	10.43425866	4.943057334	3.221830688	2.864778345
ENSMUSG00000094075	13.44158517	9.738641413	8.473812573	9.665492065	10.7429188
ENSMUSG00000094077	9.196874066	8.347406925	7.061510478	8.860034393	5.729556691
ENSMUSG00000094078	9.196874066	6.260555194	9.886114669	4.02728836	6.445751277
ENSMUSG00000094079	6.367066661	6.260555194	10.59226572	6.443661377	10.02672421
ENSMUSG00000094080	4.244711108	5.56493795	6.35535943	4.832746033	8.594335036
ENSMUSG00000094082	3.537259256	9.738641413	9.886114669	8.054576721	7.161945863
ENSMUSG00000094085	12.02668147	8.347406925	4.236906287	5.638203705	5.729556691
ENSMUSG00000094086	7.074518513	8.347406925	7.061510478	8.860034393	2.864778345
ENSMUSG00000094087	6.367066661	5.56493795	4.236906287	8.860034393	2.864778345
ENSMUSG00000094088	9.196874066	6.956172438	11.29841676	10.47094974	10.02672421
ENSMUSG00000094090	13.44158517	11.82549314	13.41686991	10.47094974	7.87814045
ENSMUSG00000094091	16.97884443	9.738641413	11.29841676	15.30369577	12.17530797
ENSMUSG00000094092	14.85648888	21.56413456	19.77222934	11.27640741	23.63442135
ENSMUSG00000094093	0	0	0	0	0
ENSMUSG00000094094	7.074518513	13.21672763	14.12302096	4.02728836	10.7429188
ENSMUSG00000094095	0	0	0	0	0
ENSMUSG00000094096	8.489422215	5.56493795	9.886114669	5.638203705	10.02672421
ENSMUSG00000094097	0	0	0	0	0
ENSMUSG00000094098	15.56394073	9.043024169	7.061510478	8.860034393	5.013362104
ENSMUSG00000094099	0	0	0	0	0
ENSMUSG00000094101	0	0	0	0	0
ENSMUSG00000094102	2.829807405	4.869320706	5.649208382	3.221830688	4.297167518
ENSMUSG00000094104	8.489422215	6.260555194	5.649208382	4.02728836	6.445751277
ENSMUSG00000094105	12.73413332	6.956172438	7.061510478	9.665492065	3.580972932
ENSMUSG00000094107	9.196874066	6.956172438	2.824604191	4.02728836	8.594335036
ENSMUSG00000094108	4.952162959	2.782468975	5.649208382	0.805457672	4.297167518
ENSMUSG00000094109	7.074518513	4.869320706	7.061510478	1.610915344	2.864778345
ENSMUSG00000094111	13.44158517	6.956172438	9.179963621	4.02728836	3.580972932
ENSMUSG00000094112	7.074518513	9.738641413	8.473812573	8.054576721	5.729556691
ENSMUSG00000094114	21.22355554	16.69481385	16.94762515	28.9964762	20.05344842
ENSMUSG00000094115	4.244711108	3.478086219	7.767661525	7.249119049	4.297167518
ENSMUSG00000094117	4.952162959	6.260555194	7.061510478	4.832746033	5.729556691
ENSMUSG00000094118	2.829807405	6.260555194	5.649208382	3.221830688	7.161945863
ENSMUSG00000094119	8.489422215	4.869320706	8.473812573	3.221830688	5.729556691
ENSMUSG00000094120	8.489422215	6.260555194	6.35535943	8.860034393	9.310529622
ENSMUSG00000094122	7.074518513	5.56493795	7.061510478	10.47094974	7.161945863
ENSMUSG00000094123	1.414903703	0.695617244	3.530755239	0.805457672	4.297167518
ENSMUSG00000094124	9.196874066	6.956172438	10.59226572	7.249119049	5.729556691
ENSMUSG00000094125	12.73413332	6.956172438	11.29841676	13.69278043	13.60769714
ENSMUSG00000094126	9.196874066	15.30357936	10.59226572	8.054576721	10.02672421
ENSMUSG00000094127	29.0055259	20.17290007	22.59683353	23.35827249	16.47247549

ENSMUSG00000094128	7.781970364	7.651789682	15.53532305	4.02728836	6.445751277
ENSMUSG00000094129	0	0	0	0	0
ENSMUSG00000094130	13.44158517	20.86851731	19.06607829	14.4982381	15.04008631
ENSMUSG00000094131	9.196874066	13.91234488	9.886114669	7.249119049	10.02672421
ENSMUSG00000094133	6.367066661	8.347406925	5.649208382	6.443661377	5.013362104
ENSMUSG00000094134	2.829807405	4.173703463	3.530755239	0	2.864778345
ENSMUSG00000094136	8.489422215	6.956172438	7.061510478	8.054576721	10.02672421
ENSMUSG00000094137	14.14903703	9.738641413	7.061510478	5.638203705	5.729556691
ENSMUSG00000094139	8.489422215	4.869320706	7.767661525	5.638203705	5.729556691
ENSMUSG00000094140	10.61177777	3.478086219	7.061510478	4.02728836	11.45911338
ENSMUSG00000094145	11.31922962	12.52111039	8.473812573	6.443661377	5.013362104
ENSMUSG00000094146	8.489422215	9.738641413	8.473812573	4.832746033	8.594335036
ENSMUSG00000094147	2.829807405	1.391234488	2.824604191	3.221830688	2.148583759
ENSMUSG00000094148	0	0	0	0	0
ENSMUSG00000094149	12.73413332	6.956172438	5.649208382	7.249119049	5.729556691
ENSMUSG00000094150	5.65961481	2.086851731	2.118453143	7.249119049	7.161945863
ENSMUSG00000094152	12.73413332	20.17290007	15.53532305	10.47094974	20.769643
ENSMUSG00000094153	16.97884443	11.82549314	15.53532305	8.860034393	12.17530797
ENSMUSG00000094154	5.65961481	4.173703463	4.236906287	8.054576721	7.161945863
ENSMUSG00000094155	5.65961481	5.56493795	2.118453143	3.221830688	3.580972932
ENSMUSG00000094156	12.02668147	4.173703463	6.35535943	6.443661377	5.013362104
ENSMUSG00000094157	6.367066661	9.043024169	14.12302096	6.443661377	5.013362104
ENSMUSG00000094158	29.0055259	45.21512085	40.95676077	37.05105292	41.53928601
ENSMUSG00000094159	0	0	0	0	0
ENSMUSG00000094160	13.44158517	6.260555194	3.530755239	8.860034393	5.013362104
ENSMUSG00000094161	2.122355554	4.173703463	2.118453143	1.610915344	3.580972932
ENSMUSG00000094162	2.122355554	2.086851731	2.118453143	4.02728836	2.864778345
ENSMUSG00000094163	9.196874066	6.956172438	7.061510478	6.443661377	4.297167518
ENSMUSG00000094164	4.244711108	4.173703463	3.530755239	1.610915344	3.580972932
ENSMUSG00000094165	0	0	0	0	0
ENSMUSG00000094166	5.65961481	4.869320706	4.236906287	2.416373016	2.864778345
ENSMUSG00000094167	1.414903703	8.347406925	9.886114669	6.443661377	5.013362104
ENSMUSG00000094168	12.73413332	5.56493795	7.061510478	4.02728836	5.013362104
ENSMUSG00000094170	7.074518513	7.651789682	6.35535943	2.416373016	2.148583759
ENSMUSG00000094173	4.244711108	4.173703463	3.530755239	4.02728836	4.297167518
ENSMUSG00000094174	6.367066661	2.782468975	5.649208382	4.02728836	4.297167518
ENSMUSG00000094175	6.367066661	14.60796212	7.767661525	6.443661377	7.87814045
ENSMUSG00000094177	9.196874066	6.956172438	2.824604191	1.610915344	5.013362104
ENSMUSG00000094178	0	0	0	0	0
ENSMUSG00000094179	0	0	0	0	0
ENSMUSG00000094180	9.904325918	8.347406925	7.767661525	8.054576721	7.161945863
ENSMUSG00000094182	9.904325918	7.651789682	7.061510478	2.416373016	4.297167518
ENSMUSG00000094183	5.65961481	6.260555194	9.886114669	6.443661377	6.445751277

ENSMUSG00000094184	0	0	0	0	0
ENSMUSG00000094185	6.367066661	9.738641413	1.412302096	7.249119049	7.87814045
ENSMUSG00000094187	7.074518513	8.347406925	4.943057334	4.832746033	7.161945863
ENSMUSG00000094188	7.781970364	6.956172438	9.886114669	4.832746033	4.297167518
ENSMUSG00000094189	11.31922962	4.869320706	6.35535943	8.054576721	10.02672421
ENSMUSG00000094190	0	0	0	0	0
ENSMUSG00000094191	11.31922962	8.347406925	7.767661525	6.443661377	9.310529622
ENSMUSG00000094194	1.414903703	2.782468975	4.943057334	8.860034393	3.580972932
ENSMUSG00000094195	9.904325918	7.651789682	9.886114669	5.638203705	12.89150255
ENSMUSG00000094196	4.244711108	1.391234488	2.118453143	2.416373016	2.148583759
ENSMUSG00000094197	8.489422215	5.56493795	11.29841676	4.02728836	5.729556691
ENSMUSG00000094198	5.65961481	8.347406925	6.35535943	8.860034393	5.013362104
ENSMUSG00000094199	7.074518513	10.43425866	7.767661525	4.02728836	2.864778345
ENSMUSG00000094201	4.952162959	12.52111039	9.179963621	5.638203705	6.445751277
ENSMUSG00000094202	9.904325918	4.869320706	7.767661525	8.054576721	10.7429188
ENSMUSG00000094203	4.244711108	4.173703463	2.118453143	3.221830688	2.864778345
ENSMUSG00000094204	7.781970364	3.478086219	13.41686991	6.443661377	8.594335036
ENSMUSG00000094205	11.31922962	6.260555194	8.473812573	6.443661377	9.310529622
ENSMUSG00000094208	12.73413332	4.869320706	7.061510478	8.860034393	3.580972932
ENSMUSG00000094210	7.074518513	9.043024169	6.35535943	5.638203705	6.445751277
ENSMUSG00000094211	12.02668147	10.43425866	6.35535943	6.443661377	5.013362104
ENSMUSG00000094213	0	0	0	0	0
ENSMUSG00000094214	7.781970364	11.1298759	13.41686991	8.054576721	5.729556691
ENSMUSG00000094215	7.781970364	8.347406925	4.943057334	8.054576721	7.87814045
ENSMUSG00000094217	10.61177777	4.173703463	7.061510478	4.832746033	1.432389173
ENSMUSG00000094218	6.367066661	6.956172438	4.236906287	4.02728836	6.445751277
ENSMUSG00000094219	9.904325918	7.651789682	6.35535943	8.054576721	7.87814045
ENSMUSG00000094221	9.196874066	4.173703463	2.824604191	4.02728836	5.013362104
ENSMUSG00000094222	9.196874066	6.956172438	14.12302096	8.860034393	6.445751277
ENSMUSG00000094223	4.952162959	4.869320706	6.35535943	4.832746033	5.729556691
ENSMUSG00000094224	14.14903703	11.1298759	9.886114669	4.832746033	9.310529622
ENSMUSG00000094226	10.61177777	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000094227	9.904325918	1.391234488	2.118453143	4.832746033	2.148583759
ENSMUSG00000094228	3.537259256	3.478086219	4.943057334	5.638203705	4.297167518
ENSMUSG00000094229	6.367066661	11.1298759	9.179963621	4.02728836	10.7429188
ENSMUSG00000094230	38.90985182	14.60796212	12.71071886	15.30369577	10.02672421
ENSMUSG00000094231	9.904325918	8.347406925	7.767661525	6.443661377	7.161945863
ENSMUSG00000094232	5.65961481	4.173703463	2.824604191	3.221830688	1.432389173
ENSMUSG00000094233	10.61177777	5.56493795	9.886114669	4.832746033	7.161945863
ENSMUSG00000094234	15.56394073	11.82549314	9.179963621	17.72006879	15.7562809
ENSMUSG00000094235	8.489422215	7.651789682	9.886114669	8.054576721	5.729556691
ENSMUSG00000094236	2.122355554	2.782468975	3.530755239	1.610915344	4.297167518
ENSMUSG00000094238	4.244711108	2.086851731	4.236906287	1.610915344	0.716194586

ENSMUSG00000094239	7.781970364	7.651789682	4.943057334	7.249119049	7.161945863
ENSMUSG00000094240	6.367066661	4.173703463	3.530755239	3.221830688	5.729556691
ENSMUSG00000094241	12.73413332	10.43425866	6.35535943	6.443661377	10.02672421
ENSMUSG00000094242	10.61177777	9.043024169	8.473812573	9.665492065	7.87814045
ENSMUSG00000094243	22.63845924	12.52111039	10.59226572	12.88732275	7.87814045
ENSMUSG00000094244	8.489422215	11.82549314	12.00456781	13.69278043	11.45911338
ENSMUSG00000094245	12.02668147	11.82549314	9.179963621	12.88732275	17.18867007
ENSMUSG00000094247	10.61177777	6.956172438	5.649208382	7.249119049	9.310529622
ENSMUSG00000094249	9.196874066	11.1298759	14.829172	7.249119049	10.02672421
ENSMUSG00000094250	12.73413332	9.738641413	12.00456781	11.27640741	12.89150255
ENSMUSG00000094251	20.51610369	24.34660353	21.18453143	13.69278043	24.35061594
ENSMUSG00000094252	2.829807405	1.391234488	1.412302096	1.610915344	4.297167518
ENSMUSG00000094253	4.952162959	6.260555194	8.473812573	0.805457672	8.594335036
ENSMUSG00000094254	4.952162959	4.173703463	7.061510478	5.638203705	3.580972932
ENSMUSG00000094255	7.781970364	7.651789682	9.886114669	4.02728836	5.729556691
ENSMUSG00000094256	10.61177777	11.82549314	11.29841676	8.054576721	12.17530797
ENSMUSG00000094257	8.489422215	9.043024169	11.29841676	10.47094974	8.594335036
ENSMUSG00000094259	5.65961481	2.782468975	6.35535943	2.416373016	5.013362104
ENSMUSG00000094261	0	0	0	0	0
ENSMUSG00000094262	13.44158517	6.956172438	10.59226572	2.416373016	7.161945863
ENSMUSG00000094263	0.707451851	2.086851731	1.412302096	0	2.148583759
ENSMUSG00000094264	12.02668147	6.956172438	9.179963621	2.416373016	2.864778345
ENSMUSG00000094265	0	0	0	0	0
ENSMUSG00000094266	5.65961481	9.043024169	5.649208382	6.443661377	8.594335036
ENSMUSG00000094267	9.196874066	5.56493795	12.00456781	8.054576721	6.445751277
ENSMUSG00000094268	0	0	0	0	0
ENSMUSG00000094269	8.489422215	10.43425866	5.649208382	2.416373016	7.161945863
ENSMUSG00000094270	0	0	0	0	0
ENSMUSG00000094274	4.244711108	4.869320706	6.35535943	1.610915344	3.580972932
ENSMUSG00000094275	7.074518513	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000094276	3.537259256	3.478086219	7.061510478	3.221830688	7.161945863
ENSMUSG00000094277	9.904325918	4.173703463	5.649208382	2.416373016	3.580972932
ENSMUSG00000094278	9.904325918	3.478086219	8.473812573	12.08186508	10.02672421
ENSMUSG00000094280	21.22355554	11.1298759	12.71071886	11.27640741	10.7429188
ENSMUSG00000094281	38.90985182	60.51870021	56.49208382	65.24207144	65.17370736
ENSMUSG00000094282	11.31922962	13.21672763	9.886114669	4.832746033	5.013362104
ENSMUSG00000094283	0	0	0	0	0
ENSMUSG00000094284	9.904325918	4.869320706	7.767661525	12.88732275	0.716194586
ENSMUSG00000094285	12.02668147	2.782468975	9.886114669	3.221830688	5.729556691
ENSMUSG00000094286	13.44158517	18.78166558	10.59226572	13.69278043	15.7562809
ENSMUSG00000094287	21.22355554	12.52111039	9.179963621	7.249119049	5.729556691
ENSMUSG00000094288	3.537259256	5.56493795	2.824604191	0	0
ENSMUSG00000094289	12.73413332	4.869320706	2.824604191	3.221830688	7.161945863

ENSMUSG00000094290	5.65961481	3.478086219	2.118453143	5.638203705	3.580972932
ENSMUSG00000094292	9.904325918	7.651789682	7.767661525	6.443661377	12.17530797
ENSMUSG00000094293	3.537259256	2.782468975	2.824604191	4.832746033	4.297167518
ENSMUSG00000094295	8.489422215	6.956172438	12.00456781	1.610915344	8.594335036
ENSMUSG00000094296	8.489422215	5.56493795	7.767661525	4.02728836	7.87814045
ENSMUSG00000094297	0	0	0	0	0
ENSMUSG00000094298	16.27139258	5.56493795	5.649208382	12.88732275	5.013362104
ENSMUSG00000094299	7.781970364	7.651789682	3.530755239	1.610915344	6.445751277
ENSMUSG00000094300	8.489422215	2.086851731	13.41686991	4.832746033	6.445751277
ENSMUSG00000094301	10.61177777	4.869320706	8.473812573	2.416373016	7.161945863
ENSMUSG00000094302	9.904325918	6.260555194	8.473812573	4.832746033	7.161945863
ENSMUSG00000094304	7.074518513	4.869320706	8.473812573	5.638203705	4.297167518
ENSMUSG00000094306	39.61730367	68.86610713	67.79050059	45.10562964	43.68786977
ENSMUSG00000094308	0	0	0	0	0
ENSMUSG00000094310	9.904325918	3.478086219	12.00456781	4.02728836	3.580972932
ENSMUSG00000094312	9.904325918	4.869320706	4.236906287	4.832746033	6.445751277
ENSMUSG00000094313	8.489422215	4.173703463	5.649208382	6.443661377	6.445751277
ENSMUSG00000094315	6.367066661	7.651789682	12.00456781	6.443661377	5.729556691
ENSMUSG00000094316	12.02668147	4.869320706	2.118453143	0.805457672	8.594335036
ENSMUSG00000094317	4.244711108	2.086851731	2.118453143	0.805457672	0.716194586
ENSMUSG00000094318	29.71297775	21.56413456	16.2414741	17.72006879	21.48583759
ENSMUSG00000094319	7.074518513	8.347406925	10.59226572	2.416373016	6.445751277
ENSMUSG00000094320	6.367066661	8.347406925	9.886114669	13.69278043	15.04008631
ENSMUSG00000094321	9.196874066	6.956172438	9.886114669	8.054576721	7.161945863
ENSMUSG00000094322	4.244711108	7.651789682	7.767661525	5.638203705	2.864778345
ENSMUSG00000094323	9.196874066	3.478086219	1.412302096	5.638203705	2.864778345
ENSMUSG00000094324	13.44158517	9.043024169	14.829172	7.249119049	15.04008631
ENSMUSG00000094326	10.61177777	15.99919661	12.00456781	11.27640741	10.02672421
ENSMUSG00000094327	0	0	0	0	0
ENSMUSG00000094329	4.244711108	1.391234488	2.118453143	1.610915344	0
ENSMUSG00000094330	0	0	0	0	0
ENSMUSG00000094334	7.074518513	9.043024169	11.29841676	6.443661377	10.7429188
ENSMUSG00000094335	13.44158517	16.69481385	8.473812573	14.4982381	8.594335036
ENSMUSG00000094336	15.56394073	11.82549314	12.71071886	12.08186508	6.445751277
ENSMUSG00000094338	4.244711108	7.651789682	4.943057334	3.221830688	5.729556691
ENSMUSG00000094340	8.489422215	10.43425866	3.530755239	5.638203705	6.445751277
ENSMUSG00000094342	3.537259256	1.391234488	2.118453143	0.805457672	2.148583759
ENSMUSG00000094344	4.244711108	4.869320706	4.236906287	9.665492065	10.02672421
ENSMUSG00000094345	12.73413332	9.738641413	6.35535943	2.416373016	7.87814045
ENSMUSG00000094346	6.367066661	5.56493795	4.943057334	0.805457672	3.580972932
ENSMUSG00000094347	7.781970364	11.82549314	9.179963621	4.832746033	4.297167518
ENSMUSG00000094349	14.85648888	9.043024169	11.29841676	5.638203705	7.161945863
ENSMUSG00000094351	9.904325918	6.260555194	10.59226572	6.443661377	6.445751277

ENSMUSG00000094353	7.781970364	7.651789682	8.473812573	4.02728836	8.594335036
ENSMUSG00000094354	2.122355554	2.086851731	7.061510478	4.832746033	0.716194586
ENSMUSG00000094356	2.829807405	10.43425866	10.59226572	4.02728836	3.580972932
ENSMUSG00000094357	20.51610369	9.043024169	10.59226572	4.832746033	4.297167518
ENSMUSG00000094358	7.074518513	2.086851731	7.061510478	4.02728836	2.864778345
ENSMUSG00000094359	18.39374813	11.82549314	10.59226572	12.08186508	10.7429188
ENSMUSG00000094360	4.952162959	4.869320706	3.530755239	1.610915344	3.580972932
ENSMUSG00000094361	3.537259256	2.782468975	3.530755239	3.221830688	1.432389173
ENSMUSG00000094363	0	0	0	0	0
ENSMUSG00000094364	0	0	0	0	0
ENSMUSG00000094365	0	0	0.706151048	0.805457672	0
ENSMUSG00000094366	8.489422215	11.82549314	7.061510478	5.638203705	12.89150255
ENSMUSG00000094367	7.074518513	6.956172438	7.767661525	4.832746033	6.445751277
ENSMUSG00000094369	14.14903703	9.043024169	10.59226572	6.443661377	10.02672421
ENSMUSG00000094371	7.781970364	6.956172438	5.649208382	0.805457672	3.580972932
ENSMUSG00000094372	7.781970364	7.651789682	8.473812573	10.47094974	7.87814045
ENSMUSG00000094374	12.73413332	5.56493795	13.41686991	12.08186508	10.7429188
ENSMUSG00000094377	0	0	1.412302096	0	5.013362104
ENSMUSG00000094379	4.244711108	8.347406925	10.59226572	4.832746033	2.864778345
ENSMUSG00000094380	7.074518513	7.651789682	7.767661525	7.249119049	5.729556691
ENSMUSG00000094381	5.65961481	6.956172438	7.061510478	4.02728836	6.445751277
ENSMUSG00000094382	15.56394073	18.08604834	19.06607829	11.27640741	11.45911338
ENSMUSG00000094384	8.489422215	6.260555194	4.236906287	4.832746033	5.013362104
ENSMUSG00000094385	7.781970364	6.260555194	7.061510478	3.221830688	5.013362104
ENSMUSG00000094386	7.074518513	4.869320706	6.35535943	4.02728836	9.310529622
ENSMUSG00000094388	12.02668147	13.91234488	14.829172	9.665492065	12.17530797
ENSMUSG00000094389	1.414903703	2.782468975	2.824604191	5.638203705	2.148583759
ENSMUSG00000094390	5.65961481	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG00000094391	5.65961481	9.043024169	4.943057334	1.610915344	5.729556691
ENSMUSG00000094392	11.31922962	12.52111039	10.59226572	8.860034393	14.32389173
ENSMUSG00000094394	9.196874066	6.260555194	10.59226572	9.665492065	7.161945863
ENSMUSG00000094395	12.73413332	9.043024169	10.59226572	7.249119049	11.45911338
ENSMUSG00000094396	7.074518513	7.651789682	7.767661525	4.02728836	8.594335036
ENSMUSG00000094397	10.61177777	4.173703463	8.473812573	6.443661377	9.310529622
ENSMUSG00000094400	11.31922962	4.869320706	7.061510478	10.47094974	8.594335036
ENSMUSG00000094401	7.781970364	6.956172438	2.118453143	5.638203705	9.310529622
ENSMUSG00000094402	12.73413332	7.651789682	8.473812573	7.249119049	6.445751277
ENSMUSG00000094403	1.414903703	0.695617244	0	0.805457672	1.432389173
ENSMUSG00000094404	3.537259256	5.56493795	7.061510478	2.416373016	2.864778345
ENSMUSG00000094405	10.61177777	6.260555194	8.473812573	8.860034393	9.310529622
ENSMUSG00000094406	8.489422215	8.347406925	9.179963621	2.416373016	6.445751277
ENSMUSG00000094407	2.122355554	2.086851731	2.824604191	2.416373016	3.580972932
ENSMUSG00000094408	3.537259256	6.956172438	12.00456781	3.221830688	10.7429188



ENSMUSG00000094409	6.367066661	4.869320706	6.35535943	6.443661377	7.161945863
ENSMUSG00000094411	0	0	0	0	0
ENSMUSG00000094412	14.85648888	12.52111039	9.886114669	8.860034393	15.7562809
ENSMUSG00000094413	14.14903703	11.82549314	9.886114669	10.47094974	9.310529622
ENSMUSG00000094415	9.196874066	6.956172438	6.35535943	4.832746033	7.161945863
ENSMUSG00000094416	16.97884443	9.738641413	10.59226572	6.443661377	11.45911338
ENSMUSG00000094417	13.44158517	4.869320706	6.35535943	5.638203705	3.580972932
ENSMUSG00000094419	2.122355554	0.695617244	1.412302096	0.805457672	3.580972932
ENSMUSG00000094420	7.074518513	11.82549314	13.41686991	12.88732275	9.310529622
ENSMUSG00000094422	9.904325918	10.43425866	8.473812573	2.416373016	5.729556691
ENSMUSG00000094423	6.367066661	7.651789682	2.118453143	2.416373016	4.297167518
ENSMUSG00000094424	9.196874066	5.56493795	7.061510478	2.416373016	6.445751277
ENSMUSG00000094426	7.781970364	6.260555194	6.35535943	4.02728836	5.013362104
ENSMUSG00000094427	9.196874066	4.173703463	3.530755239	1.610915344	3.580972932
ENSMUSG00000094428	6.367066661	6.956172438	9.886114669	5.638203705	5.729556691
ENSMUSG00000094432	4.952162959	2.782468975	2.824604191	4.02728836	1.432389173
ENSMUSG00000094433	12.02668147	12.52111039	7.767661525	5.638203705	8.594335036
ENSMUSG00000094435	9.196874066	14.60796212	7.767661525	7.249119049	7.161945863
ENSMUSG00000094436	7.074518513	7.651789682	7.061510478	4.02728836	2.148583759
ENSMUSG00000094437	14.14903703	16.69481385	20.47838039	12.88732275	14.32389173
ENSMUSG00000094438	0	0	0	0	0
ENSMUSG00000094440	9.196874066	9.738641413	8.473812573	5.638203705	4.297167518
ENSMUSG00000094441	56.5961481	70.95295887	61.43514116	88.60034393	86.65954495
ENSMUSG00000094442	0	0	0	0	0
ENSMUSG00000094444	4.952162959	4.869320706	2.824604191	1.610915344	3.580972932
ENSMUSG00000094446	22.63845924	48.69320706	29.65834401	34.6346799	30.08017263
ENSMUSG00000094447	8.489422215	11.1298759	6.35535943	8.860034393	5.729556691
ENSMUSG00000094449	11.31922962	10.43425866	9.179963621	7.249119049	7.161945863
ENSMUSG00000094452	9.904325918	6.260555194	7.767661525	5.638203705	5.729556691
ENSMUSG00000094454	9.904325918	5.56493795	7.767661525	5.638203705	5.013362104
ENSMUSG00000094455	0	0	0	0	0
ENSMUSG00000094456	7.074518513	8.347406925	11.29841676	9.665492065	6.445751277
ENSMUSG00000094457	0	0	0	0	0
ENSMUSG00000094458	0	0	0	0	0
ENSMUSG00000094461	9.196874066	8.347406925	7.061510478	3.221830688	7.87814045
ENSMUSG00000094462	13.44158517	3.478086219	5.649208382	4.02728836	7.87814045
ENSMUSG00000094463	15.56394073	10.43425866	6.35535943	3.221830688	3.580972932
ENSMUSG00000094464	13.44158517	6.956172438	8.473812573	4.02728836	8.594335036
ENSMUSG00000094465	0	0	0	0	0
ENSMUSG00000094466	7.074518513	9.738641413	7.061510478	9.665492065	4.297167518
ENSMUSG00000094467	4.952162959	7.651789682	9.179963621	6.443661377	9.310529622
ENSMUSG00000094470	1.414903703	2.086851731	4.943057334	4.02728836	2.148583759
ENSMUSG00000094471	11.31922962	7.651789682	8.473812573	3.221830688	4.297167518

ENSMUSG00000094472	15.56394073	14.60796212	10.59226572	7.249119049	5.729556691
ENSMUSG00000094473	4.952162959	4.173703463	9.886114669	5.638203705	5.013362104
ENSMUSG00000094475	11.31922962	17.39043109	17.65377619	17.72006879	17.18867007
ENSMUSG00000094476	0	0	0	0	0
ENSMUSG00000094477	18.39374813	6.260555194	9.886114669	8.054576721	8.594335036
ENSMUSG00000094478	4.952162959	8.347406925	12.00456781	4.02728836	8.594335036
ENSMUSG00000094479	8.489422215	6.260555194	7.061510478	1.610915344	2.148583759
ENSMUSG00000094481	7.074518513	5.56493795	4.236906287	5.638203705	2.864778345
ENSMUSG00000094482	9.196874066	7.651789682	7.767661525	7.249119049	7.161945863
ENSMUSG00000094485	12.02668147	6.956172438	9.179963621	8.860034393	5.729556691
ENSMUSG00000094486	4.952162959	13.21672763	2.118453143	10.47094974	7.161945863
ENSMUSG00000094488	14.14903703	10.43425866	7.767661525	6.443661377	5.013362104
ENSMUSG00000094489	17.68629628	20.17290007	19.06607829	12.88732275	20.05344842
ENSMUSG00000094491	10.61177777	6.956172438	10.59226572	4.02728836	7.161945863
ENSMUSG00000094492	4.244711108	4.869320706	4.943057334	2.416373016	4.297167518
ENSMUSG00000094493	11.31922962	7.651789682	9.179963621	5.638203705	7.161945863
ENSMUSG00000094494	7.781970364	5.56493795	8.473812573	4.02728836	6.445751277
ENSMUSG00000094496	11.31922962	9.738641413	7.767661525	4.832746033	4.297167518
ENSMUSG00000094497	11.31922962	8.347406925	11.29841676	8.860034393	9.310529622
ENSMUSG00000094498	4.952162959	2.782468975	5.649208382	1.610915344	7.161945863
ENSMUSG00000094499	9.904325918	6.956172438	9.179963621	2.416373016	4.297167518
ENSMUSG00000094501	15.56394073	2.782468975	2.824604191	7.249119049	8.594335036
ENSMUSG00000094502	10.61177777	9.043024169	6.35535943	5.638203705	5.729556691
ENSMUSG00000094503	8.489422215	4.173703463	9.179963621	8.860034393	6.445751277
ENSMUSG00000094504	10.61177777	1.391234488	2.824604191	2.416373016	7.87814045
ENSMUSG00000094505	12.73413332	11.82549314	5.649208382	2.416373016	11.45911338
ENSMUSG00000094506	0	0	0	0	0
ENSMUSG00000094507	4.952162959	5.56493795	11.29841676	5.638203705	3.580972932
ENSMUSG00000094508	0	0	0	0	0
ENSMUSG00000094509	4.952162959	3.478086219	2.824604191	1.610915344	4.297167518
ENSMUSG00000094510	6.367066661	6.260555194	9.886114669	6.443661377	7.161945863
ENSMUSG00000094513	0	0	0	0	0
ENSMUSG00000094515	9.196874066	9.738641413	9.886114669	7.249119049	7.87814045
ENSMUSG00000094516	0	0	1.412302096	0	0
ENSMUSG00000094517	8.489422215	7.651789682	8.473812573	8.054576721	4.297167518
ENSMUSG00000094518	14.85648888	13.91234488	13.41686991	11.27640741	11.45911338
ENSMUSG00000094519	7.781970364	6.260555194	8.473812573	9.665492065	7.161945863
ENSMUSG00000094520	12.73413332	4.173703463	7.767661525	3.221830688	6.445751277
ENSMUSG00000094521	9.196874066	9.043024169	4.943057334	6.443661377	5.013362104
ENSMUSG00000094522	0	0	0	0	0
ENSMUSG00000094523	10.61177777	8.347406925	8.473812573	4.02728836	7.87814045
ENSMUSG00000094524	0	0	0	0	0
ENSMUSG00000094525	4.244711108	0.695617244	1.412302096	0.805457672	1.432389173

ENSMUSG00000094526	10.61177777	6.956172438	9.179963621	8.860034393	14.32389173
ENSMUSG00000094527	7.074518513	8.347406925	7.767661525	4.02728836	10.02672421
ENSMUSG00000094528	8.489422215	7.651789682	4.943057334	8.054576721	7.161945863
ENSMUSG00000094529	7.074518513	6.956172438	11.29841676	0.805457672	6.445751277
ENSMUSG00000094530	7.781970364	6.260555194	8.473812573	8.054576721	8.594335036
ENSMUSG00000094531	11.31922962	7.651789682	5.649208382	9.665492065	6.445751277
ENSMUSG00000094532	12.73413332	2.782468975	5.649208382	4.832746033	3.580972932
ENSMUSG00000094533	3.537259256	2.782468975	3.530755239	4.02728836	2.864778345
ENSMUSG00000094534	7.781970364	5.56493795	9.179963621	1.610915344	6.445751277
ENSMUSG00000094535	12.02668147	8.347406925	7.061510478	6.443661377	6.445751277
ENSMUSG00000094537	0	0	0	0	0
ENSMUSG00000094538	0	0	0	0	0
ENSMUSG00000094539	14.14903703	9.738641413	7.767661525	1.610915344	5.013362104
ENSMUSG00000094540	2.122355554	3.478086219	2.118453143	0.805457672	2.148583759
ENSMUSG00000094541	0	0	0	0	0
ENSMUSG00000094542	14.14903703	4.173703463	4.236906287	11.27640741	2.148583759
ENSMUSG00000094543	6.367066661	8.347406925	8.473812573	10.47094974	7.87814045
ENSMUSG00000094544	12.02668147	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG00000094545	21.93100739	4.869320706	8.473812573	12.08186508	2.864778345
ENSMUSG00000094546	13.44158517	9.738641413	12.00456781	11.27640741	13.60769714
ENSMUSG00000094547	0	0	0	0	0
ENSMUSG00000094548	0	0	0	0	0
ENSMUSG00000094550	0	0	0	0	0
ENSMUSG00000094551	20.51610369	35.47647943	36.01370344	32.21830688	32.94495097
ENSMUSG00000094552	0	0.695617244	0	0.805457672	0
ENSMUSG00000094553	9.196874066	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG00000094554	0	0	0	0	0
ENSMUSG00000094555	12.02668147	6.260555194	12.71071886	5.638203705	5.013362104
ENSMUSG00000094557	4.952162959	6.956172438	7.061510478	7.249119049	7.87814045
ENSMUSG00000094561	7.781970364	8.347406925	4.236906287	12.08186508	6.445751277
ENSMUSG00000094563	9.904325918	9.738641413	8.473812573	13.69278043	6.445751277
ENSMUSG00000094564	9.196874066	9.738641413	9.886114669	0.805457672	6.445751277
ENSMUSG00000094565	0	0	0	0	0
ENSMUSG00000094566	7.074518513	8.347406925	8.473812573	12.88732275	10.02672421
ENSMUSG00000094567	0	0	0	0	0
ENSMUSG00000094568	12.73413332	4.173703463	8.473812573	4.02728836	8.594335036
ENSMUSG00000094569	0	1.391234488	1.412302096	0.805457672	1.432389173
ENSMUSG00000094571	9.196874066	4.869320706	10.59226572	9.665492065	12.17530797
ENSMUSG00000094572	10.61177777	2.782468975	6.35535943	6.443661377	8.594335036
ENSMUSG00000094573	2.829807405	2.782468975	3.530755239	2.416373016	2.148583759
ENSMUSG00000094574	6.367066661	4.869320706	3.530755239	2.416373016	3.580972932
ENSMUSG00000094578	9.196874066	8.347406925	14.12302096	6.443661377	8.594335036
ENSMUSG00000094579	9.904325918	3.478086219	7.061510478	5.638203705	10.02672421

ENSMUSG00000094581	10.61177777	3.478086219	7.767661525	3.221830688	7.161945863
ENSMUSG00000094582	4.952162959	4.869320706	6.35535943	5.638203705	5.013362104
ENSMUSG00000094585	15.56394073	4.173703463	5.649208382	8.860034393	5.729556691
ENSMUSG00000094586	12.02668147	6.956172438	4.943057334	4.832746033	2.148583759
ENSMUSG00000094587	0	0	0	0	0
ENSMUSG00000094588	7.781970364	7.651789682	6.35535943	5.638203705	2.148583759
ENSMUSG00000094589	16.27139258	4.173703463	4.236906287	4.832746033	4.297167518
ENSMUSG00000094593	14.85648888	9.043024169	9.179963621	7.249119049	4.297167518
ENSMUSG00000094594	9.196874066	9.043024169	12.00456781	6.443661377	9.310529622
ENSMUSG00000094597	11.31922962	6.956172438	7.767661525	8.860034393	9.310529622
ENSMUSG00000094598	7.074518513	9.738641413	9.179963621	5.638203705	11.45911338
ENSMUSG00000094599	4.244711108	4.173703463	5.649208382	1.610915344	2.864778345
ENSMUSG00000094600	5.65961481	9.043024169	7.061510478	7.249119049	8.594335036
ENSMUSG00000094601	3.537259256	3.478086219	4.943057334	2.416373016	3.580972932
ENSMUSG00000094602	9.904325918	11.1298759	7.767661525	7.249119049	5.729556691
ENSMUSG00000094603	11.31922962	5.56493795	6.35535943	7.249119049	12.17530797
ENSMUSG00000094604	0	0	0	0	0
ENSMUSG00000094605	10.61177777	15.30357936	16.2414741	6.443661377	7.161945863
ENSMUSG00000094606	11.31922962	7.651789682	5.649208382	4.832746033	5.729556691
ENSMUSG00000094607	2.122355554	2.086851731	1.412302096	1.610915344	3.580972932
ENSMUSG00000094608	3.537259256	4.173703463	7.061510478	1.610915344	2.864778345
ENSMUSG00000094609	2.122355554	1.391234488	2.118453143	0.805457672	2.148583759
ENSMUSG00000094610	0	0	0	0	0
ENSMUSG00000094611	2.829807405	4.173703463	6.35535943	6.443661377	5.013362104
ENSMUSG00000094612	11.31922962	6.956172438	4.943057334	7.249119049	5.729556691
ENSMUSG00000094614	147.1499851	228.8580732	189.2484808	281.9101852	262.1272186
ENSMUSG00000094615	9.904325918	9.043024169	7.061510478	10.47094974	5.729556691
ENSMUSG00000094617	7.074518513	4.869320706	7.061510478	0.805457672	1.432389173
ENSMUSG00000094618	5.65961481	2.782468975	5.649208382	4.832746033	3.580972932
ENSMUSG00000094619	6.367066661	6.260555194	5.649208382	8.860034393	4.297167518
ENSMUSG00000094620	3.537259256	4.173703463	8.473812573	1.610915344	1.432389173
ENSMUSG00000094622	12.73413332	23.65098629	14.829172	6.443661377	5.729556691
ENSMUSG00000094623	3.537259256	2.086851731	4.236906287	4.832746033	5.729556691
ENSMUSG00000094625	0	0	0	0	0
ENSMUSG00000094627	8.489422215	10.43425866	7.767661525	8.054576721	12.17530797
ENSMUSG00000094630	4.952162959	7.651789682	5.649208382	8.860034393	9.310529622
ENSMUSG00000094631	0	0	0	0	0
ENSMUSG00000094632	11.31922962	9.738641413	6.35535943	4.832746033	7.87814045
ENSMUSG00000094635	9.904325918	6.260555194	10.59226572	5.638203705	5.729556691
ENSMUSG00000094636	0	0	0	0	0
ENSMUSG00000094637	6.367066661	9.043024169	11.29841676	3.221830688	7.87814045
ENSMUSG00000094638	11.31922962	11.1298759	10.59226572	8.860034393	14.32389173
ENSMUSG00000094639	6.367066661	9.043024169	9.179963621	6.443661377	5.013362104

ENSMUSG00000094641	6.367066661	7.651789682	7.767661525	2.416373016	7.87814045
ENSMUSG00000094642	3.537259256	0	2.824604191	4.02728836	2.864778345
ENSMUSG00000094643	5.65961481	1.391234488	5.649208382	6.443661377	0.716194586
ENSMUSG00000094648	2.122355554	1.391234488	0.706151048	6.443661377	0.716194586
ENSMUSG00000094650	9.904325918	15.99919661	11.29841676	7.249119049	10.7429188
ENSMUSG00000094652	4.952162959	4.173703463	6.35535943	1.610915344	5.013362104
ENSMUSG00000094654	5.65961481	4.173703463	9.886114669	5.638203705	5.013362104
ENSMUSG00000094655	5.65961481	9.738641413	6.35535943	5.638203705	5.013362104
ENSMUSG00000094656	0	0.695617244	0.706151048	0.805457672	2.148583759
ENSMUSG00000094657	0	0	0	0	0
ENSMUSG00000094659	0	0	0	0	0
ENSMUSG00000094662	11.31922962	6.260555194	12.00456781	6.443661377	3.580972932
ENSMUSG00000094663	12.02668147	16.69481385	7.767661525	8.860034393	7.87814045
ENSMUSG00000094664	9.904325918	8.347406925	7.061510478	12.08186508	13.60769714
ENSMUSG00000094665	9.196874066	6.956172438	7.767661525	7.249119049	6.445751277
ENSMUSG00000094667	0	0	0	0	0
ENSMUSG00000094668	4.244711108	2.086851731	1.412302096	2.416373016	4.297167518
ENSMUSG00000094669	14.14903703	3.478086219	7.061510478	4.832746033	5.729556691
ENSMUSG00000094670	2.829807405	5.56493795	1.412302096	4.832746033	4.297167518
ENSMUSG00000094672	7.781970364	6.260555194	9.886114669	5.638203705	5.729556691
ENSMUSG00000094673	6.367066661	3.478086219	7.767661525	7.249119049	7.87814045
ENSMUSG00000094674	9.904325918	5.56493795	10.59226572	8.860034393	6.445751277
ENSMUSG00000094675	2.829807405	2.782468975	2.118453143	1.610915344	2.148583759
ENSMUSG00000094676	6.367066661	5.56493795	7.061510478	8.054576721	3.580972932
ENSMUSG00000094677	6.367066661	4.869320706	5.649208382	6.443661377	7.161945863
ENSMUSG00000094678	10.61177777	6.260555194	5.649208382	4.832746033	3.580972932
ENSMUSG00000094680	12.02668147	6.956172438	5.649208382	12.08186508	3.580972932
ENSMUSG00000094681	11.31922962	7.651789682	10.59226572	7.249119049	6.445751277
ENSMUSG00000094683	16.27139258	14.60796212	13.41686991	8.860034393	7.161945863
ENSMUSG00000094684	6.367066661	8.347406925	2.824604191	7.249119049	2.148583759
ENSMUSG00000094687	9.196874066	8.347406925	5.649208382	5.638203705	7.87814045
ENSMUSG00000094688	0	0	0	0	0
ENSMUSG00000094689	9.196874066	9.738641413	12.71071886	5.638203705	7.87814045
ENSMUSG00000094691	4.952162959	5.56493795	10.59226572	4.832746033	8.594335036
ENSMUSG00000094692	7.781970364	8.347406925	8.473812573	1.610915344	5.013362104
ENSMUSG00000094693	9.196874066	6.956172438	6.35535943	0.805457672	2.864778345
ENSMUSG00000094694	7.781970364	7.651789682	8.473812573	4.02728836	7.161945863
ENSMUSG00000094695	3.537259256	2.086851731	4.236906287	4.02728836	2.148583759
ENSMUSG00000094696	9.904325918	8.347406925	6.35535943	6.443661377	4.297167518
ENSMUSG00000094697	4.952162959	9.043024169	4.943057334	5.638203705	7.161945863
ENSMUSG00000094698	4.952162959	2.086851731	5.649208382	3.221830688	7.161945863
ENSMUSG00000094699	4.952162959	4.173703463	2.118453143	2.416373016	4.297167518
ENSMUSG00000094700	11.31922962	4.173703463	6.35535943	11.27640741	5.729556691

ENSMUSG00000094701	9.196874066	7.651789682	7.767661525	4.832746033	5.729556691
ENSMUSG00000094702	10.61177777	6.956172438	9.179963621	3.221830688	6.445751277
ENSMUSG00000094703	12.02668147	4.869320706	7.061510478	10.47094974	6.445751277
ENSMUSG00000094704	6.367066661	5.56493795	9.886114669	4.02728836	4.297167518
ENSMUSG00000094707	15.56394073	5.56493795	6.35535943	2.416373016	7.161945863
ENSMUSG00000094708	9.904325918	8.347406925	17.65377619	12.08186508	11.45911338
ENSMUSG00000094709	0	0	0	0	0
ENSMUSG00000094710	7.781970364	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG00000094712	4.952162959	5.56493795	7.061510478	0	3.580972932
ENSMUSG00000094713	7.074518513	8.347406925	7.061510478	6.443661377	10.7429188
ENSMUSG00000094717	13.44158517	10.43425866	10.59226572	5.638203705	6.445751277
ENSMUSG00000094718	2.829807405	1.391234488	2.118453143	1.610915344	2.148583759
ENSMUSG00000094720	4.244711108	3.478086219	5.649208382	0.805457672	4.297167518
ENSMUSG00000094721	6.367066661	8.347406925	8.473812573	2.416373016	7.161945863
ENSMUSG00000094723	0	0	0	0	0
ENSMUSG00000094725	4.952162959	4.173703463	5.649208382	6.443661377	5.013362104
ENSMUSG00000094726	12.73413332	6.956172438	4.943057334	4.832746033	2.864778345
ENSMUSG00000094730	7.781970364	11.1298759	7.767661525	4.02728836	7.161945863
ENSMUSG00000094732	8.489422215	9.738641413	10.59226572	7.249119049	6.445751277
ENSMUSG00000094733	3.537259256	3.478086219	0.706151048	2.416373016	3.580972932
ENSMUSG00000094734	5.65961481	9.043024169	5.649208382	4.02728836	5.729556691
ENSMUSG00000094735	15.56394073	6.260555194	11.29841676	4.832746033	3.580972932
ENSMUSG00000094736	11.31922962	5.56493795	6.35535943	4.832746033	5.013362104
ENSMUSG00000094737	11.31922962	3.478086219	10.59226572	4.02728836	5.013362104
ENSMUSG00000094738	13.44158517	6.956172438	7.061510478	7.249119049	3.580972932
ENSMUSG00000094740	0	0	0	0	0
ENSMUSG00000094743	9.196874066	9.043024169	8.473812573	4.02728836	5.013362104
ENSMUSG00000094745	10.61177777	9.738641413	8.473812573	4.02728836	3.580972932
ENSMUSG00000094747	12.02668147	6.260555194	4.943057334	6.443661377	10.02672421
ENSMUSG00000094748	12.02668147	6.956172438	5.649208382	7.249119049	2.864778345
ENSMUSG00000094749	15.56394073	20.17290007	18.35992724	14.4982381	12.17530797
ENSMUSG00000094750	13.44158517	4.869320706	7.061510478	6.443661377	5.729556691
ENSMUSG00000094751	0	0	0	0	0
ENSMUSG00000094752	11.31922962	8.347406925	7.061510478	2.416373016	2.148583759
ENSMUSG00000094753	0	0	0	0	0
ENSMUSG00000094754	7.781970364	9.738641413	8.473812573	8.054576721	8.594335036
ENSMUSG00000094755	12.02668147	4.869320706	9.179963621	3.221830688	6.445751277
ENSMUSG00000094757	15.56394073	9.043024169	9.179963621	8.054576721	2.148583759
ENSMUSG00000094758	5.65961481	6.956172438	5.649208382	12.08186508	3.580972932
ENSMUSG00000094760	0	0	0	0	0
ENSMUSG00000094762	14.85648888	6.956172438	4.236906287	7.249119049	6.445751277
ENSMUSG00000094764	9.904325918	6.956172438	10.59226572	5.638203705	4.297167518
ENSMUSG00000094765	0	0	0	0	0

ENSMUSG00000094767	1.414903703	3.478086219	3.530755239	2.416373016	3.580972932
ENSMUSG00000094768	7.074518513	6.956172438	10.59226572	8.860034393	6.445751277
ENSMUSG00000094769	9.196874066	6.956172438	11.29841676	4.832746033	10.7429188
ENSMUSG00000094770	9.904325918	8.347406925	4.943057334	4.832746033	7.161945863
ENSMUSG00000094771	11.31922962	11.1298759	6.35535943	4.832746033	6.445751277
ENSMUSG00000094772	7.781970364	15.30357936	14.12302096	4.02728836	2.148583759
ENSMUSG00000094774	0	0	0	0	0
ENSMUSG00000094775	9.196874066	4.869320706	7.061510478	0.805457672	2.148583759
ENSMUSG00000094778	10.61177777	6.260555194	9.886114669	3.221830688	9.310529622
ENSMUSG00000094779	4.952162959	7.651789682	4.236906287	3.221830688	5.729556691
ENSMUSG00000094780	15.56394073	18.78166558	22.59683353	7.249119049	12.89150255
ENSMUSG00000094784	13.44158517	15.99919661	12.00456781	10.47094974	10.02672421
ENSMUSG00000094785	10.61177777	10.43425866	7.767661525	8.860034393	6.445751277
ENSMUSG00000094786	11.31922962	27.12907251	16.94762515	14.4982381	20.769643
ENSMUSG00000094787	4.952162959	5.56493795	6.35535943	8.860034393	5.729556691
ENSMUSG00000094790	7.781970364	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG00000094794	10.61177777	10.43425866	4.236906287	1.610915344	4.297167518
ENSMUSG00000094796	7.074518513	11.1298759	7.767661525	9.665492065	10.02672421
ENSMUSG00000094797	10.61177777	6.956172438	12.00456781	5.638203705	7.161945863
ENSMUSG00000094798	12.02668147	11.82549314	10.59226572	8.860034393	11.45911338
ENSMUSG00000094800	8.489422215	3.478086219	4.236906287	3.221830688	9.310529622
ENSMUSG00000094801	0	0	0	0	0
ENSMUSG00000094803	7.074518513	8.347406925	9.886114669	1.610915344	4.297167518
ENSMUSG00000094804	12.02668147	12.52111039	15.53532305	10.47094974	5.013362104
ENSMUSG00000094805	10.61177777	9.738641413	7.767661525	6.443661377	5.729556691
ENSMUSG00000094807	9.196874066	20.17290007	22.59683353	29.80193387	19.33725383
ENSMUSG00000094809	6.367066661	11.82549314	4.943057334	8.860034393	2.148583759
ENSMUSG00000094810	10.61177777	8.347406925	7.767661525	5.638203705	11.45911338
ENSMUSG00000094812	1.414903703	4.869320706	5.649208382	4.832746033	6.445751277
ENSMUSG00000094814	7.781970364	7.651789682	9.179963621	0.805457672	2.148583759
ENSMUSG00000094815	1.414903703	1.391234488	0	0.805457672	0
ENSMUSG00000094820	16.27139258	9.043024169	6.35535943	8.860034393	7.87814045
ENSMUSG00000094822	9.904325918	4.173703463	1.412302096	9.665492065	2.148583759
ENSMUSG00000094823	9.196874066	13.21672763	12.00456781	4.832746033	4.297167518
ENSMUSG00000094824	10.61177777	8.347406925	7.061510478	6.443661377	9.310529622
ENSMUSG00000094826	6.367066661	6.956172438	6.35535943	6.443661377	3.580972932
ENSMUSG00000094827	9.196874066	4.869320706	5.649208382	7.249119049	2.864778345
ENSMUSG00000094829	6.367066661	2.086851731	4.236906287	3.221830688	4.297167518
ENSMUSG00000094830	9.904325918	3.478086219	7.061510478	4.02728836	6.445751277
ENSMUSG00000094831	7.074518513	3.478086219	2.824604191	3.221830688	1.432389173
ENSMUSG00000094832	6.367066661	6.260555194	8.473812573	5.638203705	5.729556691
ENSMUSG00000094833	12.02668147	4.869320706	7.061510478	4.02728836	5.013362104
ENSMUSG00000094834	7.781970364	5.56493795	11.29841676	12.08186508	7.87814045

ENSMUSG00000094837	4.244711108	2.782468975	4.236906287	0.805457672	5.013362104
ENSMUSG00000094840	7.074518513	4.173703463	6.35535943	4.832746033	4.297167518
ENSMUSG00000094842	68.62282957	91.12585893	83.32582364	61.21478308	75.91662615
ENSMUSG00000094843	7.781970364	9.738641413	11.29841676	5.638203705	12.89150255
ENSMUSG00000094844	2.122355554	0.695617244	4.236906287	0.805457672	3.580972932
ENSMUSG00000094845	3.537259256	5.56493795	10.59226572	4.832746033	6.445751277
ENSMUSG00000094846	12.73413332	6.956172438	8.473812573	0.805457672	6.445751277
ENSMUSG00000094847	0	0	0	0	0
ENSMUSG00000094848	2.122355554	0.695617244	1.412302096	0.805457672	0.716194586
ENSMUSG00000094849	7.074518513	1.391234488	8.473812573	3.221830688	5.013362104
ENSMUSG00000094850	11.31922962	5.56493795	4.943057334	8.860034393	5.729556691
ENSMUSG00000094852	7.781970364	30.60715873	15.53532305	8.860034393	10.02672421
ENSMUSG00000094854	6.367066661	7.651789682	12.71071886	7.249119049	5.729556691
ENSMUSG00000094856	17.68629628	4.173703463	7.061510478	8.054576721	8.594335036
ENSMUSG00000094858	9.904325918	9.738641413	7.061510478	4.02728836	6.445751277
ENSMUSG00000094861	4.244711108	5.56493795	1.412302096	4.02728836	5.013362104
ENSMUSG00000094862	6.367066661	7.651789682	9.179963621	4.02728836	7.87814045
ENSMUSG00000094864	7.074518513	4.869320706	5.649208382	4.832746033	8.594335036
ENSMUSG00000094865	8.489422215	11.82549314	2.118453143	4.832746033	2.864778345
ENSMUSG00000094866	12.73413332	5.56493795	7.767661525	4.832746033	6.445751277
ENSMUSG00000094867	4.952162959	6.956172438	3.530755239	1.610915344	4.297167518
ENSMUSG00000094868	9.196874066	4.869320706	2.824604191	6.443661377	5.729556691
ENSMUSG00000094869	4.952162959	4.869320706	4.236906287	2.416373016	4.297167518
ENSMUSG00000094872	9.196874066	10.43425866	7.061510478	9.665492065	10.7429188
ENSMUSG00000094873	12.73413332	12.52111039	7.767661525	7.249119049	3.580972932
ENSMUSG00000094875	10.61177777	11.82549314	5.649208382	8.054576721	7.87814045
ENSMUSG00000094877	8.489422215	9.043024169	7.061510478	6.443661377	5.729556691
ENSMUSG00000094878	7.074518513	4.869320706	7.767661525	6.443661377	5.013362104
ENSMUSG00000094879	12.73413332	6.260555194	1.412302096	5.638203705	4.297167518
ENSMUSG00000094880	9.196874066	6.956172438	7.061510478	2.416373016	7.161945863
ENSMUSG00000094881	0	0.695617244	2.118453143	1.610915344	2.864778345
ENSMUSG00000094883	0	0	0	0	0
ENSMUSG00000094884	10.61177777	9.043024169	8.473812573	5.638203705	5.013362104
ENSMUSG00000094886	4.952162959	6.260555194	8.473812573	8.054576721	6.445751277
ENSMUSG00000094888	0	0	0	0	0
ENSMUSG00000094889	10.61177777	12.52111039	9.179963621	6.443661377	7.161945863
ENSMUSG00000094890	2.829807405	2.086851731	1.412302096	4.02728836	2.864778345
ENSMUSG00000094891	7.781970364	4.173703463	5.649208382	11.27640741	5.729556691
ENSMUSG00000094892	8.489422215	8.347406925	12.00456781	7.249119049	5.013362104
ENSMUSG00000094893	6.367066661	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000094894	2.829807405	4.869320706	3.530755239	4.02728836	1.432389173
ENSMUSG00000094895	11.31922962	4.869320706	5.649208382	4.832746033	10.02672421
ENSMUSG00000094896	6.367066661	9.043024169	7.061510478	3.221830688	5.013362104



ENSMUSG00000094897	3.537259256	7.651789682	4.943057334	2.416373016	2.864778345
ENSMUSG00000094898	8.489422215	7.651789682	7.061510478	8.054576721	7.161945863
ENSMUSG00000094899	0	0	0	0	0
ENSMUSG00000094900	5.65961481	2.086851731	4.943057334	2.416373016	1.432389173
ENSMUSG00000094901	9.904325918	6.956172438	8.473812573	7.249119049	5.013362104
ENSMUSG00000094902	13.44158517	11.1298759	12.71071886	10.47094974	5.729556691
ENSMUSG00000094903	0	0	0	0	0
ENSMUSG00000094904	2.829807405	0	0.706151048	3.221830688	1.432389173
ENSMUSG00000094905	14.14903703	6.260555194	7.061510478	7.249119049	5.013362104
ENSMUSG00000094906	9.904325918	6.956172438	4.943057334	3.221830688	10.7429188
ENSMUSG00000094911	7.074518513	4.869320706	4.943057334	5.638203705	5.013362104
ENSMUSG00000094912	0	0	0	0	0
ENSMUSG00000094914	8.489422215	9.043024169	10.59226572	4.832746033	11.45911338
ENSMUSG00000094916	0	0	0	0	0
ENSMUSG00000094917	0	0	0	0	0
ENSMUSG00000094919	0	0	0	0	0
ENSMUSG00000094920	14.85648888	11.82549314	12.00456781	8.054576721	14.32389173
ENSMUSG00000094921	10.61177777	8.347406925	6.35535943	6.443661377	10.02672421
ENSMUSG00000094922	0	0	0	0	0
ENSMUSG00000094923	2.829807405	2.086851731	4.943057334	3.221830688	0.716194586
ENSMUSG00000094924	142.1978221	203.8158524	152.5286263	69.2693598	75.20043157
ENSMUSG00000094926	6.367066661	4.173703463	4.943057334	7.249119049	7.87814045
ENSMUSG00000094927	0	0	0	0	0
ENSMUSG00000094930	7.074518513	11.82549314	11.29841676	8.860034393	7.161945863
ENSMUSG00000094931	12.02668147	7.651789682	4.943057334	8.860034393	4.297167518
ENSMUSG00000094932	10.61177777	14.60796212	18.35992724	9.665492065	16.47247549
ENSMUSG00000094933	13.44158517	9.043024169	2.118453143	6.443661377	7.161945863
ENSMUSG00000094934	7.781970364	2.086851731	2.118453143	5.638203705	2.148583759
ENSMUSG00000094937	13.44158517	8.347406925	9.179963621	5.638203705	2.148583759
ENSMUSG00000094938	12.02668147	10.43425866	7.767661525	7.249119049	10.7429188
ENSMUSG00000094939	6.367066661	3.478086219	3.530755239	1.610915344	4.297167518
ENSMUSG00000094940	5.65961481	5.56493795	8.473812573	4.02728836	10.02672421
ENSMUSG00000094943	0	0	0	0	0
ENSMUSG00000094946	9.196874066	13.91234488	9.179963621	4.02728836	6.445751277
ENSMUSG00000094947	7.781970364	4.869320706	8.473812573	4.832746033	7.161945863
ENSMUSG00000094948	9.904325918	8.347406925	9.179963621	5.638203705	11.45911338
ENSMUSG00000094949	10.61177777	8.347406925	4.943057334	4.832746033	7.161945863
ENSMUSG00000094950	7.781970364	9.738641413	8.473812573	4.02728836	6.445751277
ENSMUSG00000094951	2.829807405	3.478086219	3.530755239	4.02728836	5.013362104
ENSMUSG00000094952	0	0	0	0	0
ENSMUSG00000094954	16.97884443	11.1298759	12.71071886	8.054576721	8.594335036
ENSMUSG00000094955	12.02668147	5.56493795	8.473812573	10.47094974	7.87814045
ENSMUSG00000094956	0	0	0	0	0

ENSMUSG00000094957	2.122355554	2.782468975	3.530755239	0	0
ENSMUSG00000094959	0	0	0	0	0
ENSMUSG00000094960	2.829807405	2.086851731	2.824604191	1.610915344	0
ENSMUSG00000094962	7.074518513	10.43425866	6.35535943	8.860034393	9.310529622
ENSMUSG00000094963	9.196874066	6.260555194	8.473812573	4.02728836	8.594335036
ENSMUSG00000094964	2.829807405	3.478086219	1.412302096	1.610915344	1.432389173
ENSMUSG00000094965	11.31922962	4.869320706	9.886114669	7.249119049	8.594335036
ENSMUSG00000094966	14.85648888	7.651789682	7.061510478	4.02728836	6.445751277
ENSMUSG00000094967	18.39374813	8.347406925	12.00456781	9.665492065	11.45911338
ENSMUSG00000094968	4.952162959	4.173703463	4.943057334	0.805457672	2.148583759
ENSMUSG00000094969	22.63845924	34.78086219	28.24604191	41.07834128	31.5125618
ENSMUSG00000094971	11.31922962	10.43425866	10.59226572	8.860034393	4.297167518
ENSMUSG00000094972	12.73413332	6.260555194	6.35535943	8.054576721	8.594335036
ENSMUSG00000094973	9.196874066	7.651789682	3.530755239	7.249119049	7.161945863
ENSMUSG00000094974	4.244711108	9.043024169	4.943057334	8.054576721	10.02672421
ENSMUSG00000094975	4.952162959	4.869320706	7.767661525	4.832746033	4.297167518
ENSMUSG00000094976	5.65961481	2.782468975	7.767661525	5.638203705	2.864778345
ENSMUSG00000094977	6.367066661	9.738641413	5.649208382	4.02728836	10.7429188
ENSMUSG00000094979	0.707451851	0.695617244	0.706151048	0	0
ENSMUSG00000094980	11.31922962	7.651789682	7.061510478	4.832746033	7.161945863
ENSMUSG00000094981	12.02668147	9.738641413	7.061510478	8.054576721	5.013362104
ENSMUSG00000094982	5.65961481	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000094983	10.61177777	11.82549314	9.886114669	2.416373016	7.161945863
ENSMUSG00000094985	5.65961481	8.347406925	7.061510478	4.832746033	7.161945863
ENSMUSG00000094986	12.73413332	3.478086219	9.886114669	8.054576721	4.297167518
ENSMUSG00000094987	3.537259256	2.782468975	6.35535943	1.610915344	3.580972932
ENSMUSG00000094988	9.196874066	5.56493795	7.767661525	4.832746033	5.013362104
ENSMUSG00000094989	6.367066661	6.260555194	8.473812573	10.47094974	8.594335036
ENSMUSG00000094991	9.904325918	6.956172438	9.179963621	4.832746033	6.445751277
ENSMUSG00000094993	7.074518513	17.39043109	22.59683353	7.249119049	7.161945863
ENSMUSG00000094994	7.781970364	4.173703463	6.35535943	3.221830688	4.297167518
ENSMUSG00000094996	14.14903703	4.869320706	6.35535943	3.221830688	4.297167518
ENSMUSG00000094997	3.537259256	3.478086219	1.412302096	2.416373016	2.148583759
ENSMUSG00000094998	0	0	0	0	0
ENSMUSG00000094999	6.367066661	2.782468975	4.943057334	0.805457672	6.445751277
ENSMUSG00000095000	7.074518513	13.21672763	9.886114669	8.860034393	7.87814045
ENSMUSG00000095002	9.904325918	6.260555194	10.59226572	4.02728836	2.864778345
ENSMUSG00000095003	9.904325918	9.738641413	7.767661525	4.832746033	5.013362104
ENSMUSG00000095004	0	0	0	0	0
ENSMUSG00000095005	4.952162959	2.782468975	5.649208382	3.221830688	5.729556691
ENSMUSG00000095006	0.707451851	1.391234488	3.530755239	2.416373016	1.432389173
ENSMUSG00000095007	10.61177777	5.56493795	9.886114669	0.805457672	4.297167518
ENSMUSG00000095008	3.537259256	3.478086219	1.412302096	0.805457672	2.148583759

ENSMUSG00000095009	0	0	0	0	0
ENSMUSG00000095010	8.489422215	6.260555194	4.236906287	5.638203705	3.580972932
ENSMUSG00000095012	16.27139258	17.39043109	12.71071886	13.69278043	11.45911338
ENSMUSG00000095013	0	0	0	0	0
ENSMUSG00000095016	14.14903703	12.52111039	16.2414741	33.82922223	32.94495097
ENSMUSG00000095017	3.537259256	2.086851731	1.412302096	2.416373016	3.580972932
ENSMUSG00000095020	10.61177777	14.60796212	9.886114669	9.665492065	15.7562809
ENSMUSG00000095021	0	0	0	0	0
ENSMUSG00000095023	10.61177777	17.39043109	22.59683353	28.19101852	18.62105924
ENSMUSG00000095025	17.68629628	20.17290007	15.53532305	14.4982381	12.89150255
ENSMUSG00000095027	7.074518513	9.043024169	7.061510478	4.02728836	7.87814045
ENSMUSG00000095029	3.537259256	3.478086219	2.118453143	2.416373016	5.013362104
ENSMUSG00000095030	9.904325918	7.651789682	8.473812573	4.832746033	14.32389173
ENSMUSG00000095031	2.829807405	3.478086219	4.236906287	2.416373016	2.864778345
ENSMUSG00000095033	9.904325918	9.738641413	6.35535943	2.416373016	5.013362104
ENSMUSG00000095034	4.952162959	5.56493795	2.118453143	2.416373016	2.864778345
ENSMUSG00000095035	6.367066661	4.173703463	8.473812573	5.638203705	7.87814045
ENSMUSG00000095036	0	0	0	0	0
ENSMUSG00000095037	26.1757185	29.91154148	28.95219296	28.19101852	24.35061594
ENSMUSG00000095042	9.196874066	8.347406925	14.829172	12.08186508	9.310529622
ENSMUSG00000095044	13.44158517	7.651789682	10.59226572	4.832746033	5.013362104
ENSMUSG00000095045	4.952162959	6.260555194	3.530755239	3.221830688	2.148583759
ENSMUSG00000095047	8.489422215	6.956172438	7.767661525	4.832746033	7.161945863
ENSMUSG00000095049	6.367066661	0.695617244	1.412302096	4.02728836	5.013362104
ENSMUSG00000095050	3.537259256	3.478086219	2.824604191	3.221830688	0.716194586
ENSMUSG00000095051	0	0	0	0	0
ENSMUSG00000095052	13.44158517	7.651789682	7.767661525	8.054576721	8.594335036
ENSMUSG00000095053	10.61177777	9.043024169	9.886114669	6.443661377	5.729556691
ENSMUSG00000095054	32.54278516	20.86851731	25.42143772	24.16373016	18.62105924
ENSMUSG00000095057	7.074518513	2.782468975	7.767661525	3.221830688	3.580972932
ENSMUSG00000095059	17.68629628	5.56493795	7.767661525	6.443661377	9.310529622
ENSMUSG00000095060	4.952162959	2.782468975	2.118453143	1.610915344	3.580972932
ENSMUSG00000095064	9.196874066	4.869320706	4.943057334	7.249119049	1.432389173
ENSMUSG00000095065	3.537259256	3.478086219	4.943057334	4.02728836	0
ENSMUSG00000095068	6.367066661	15.30357936	10.59226572	6.443661377	12.17530797
ENSMUSG00000095069	12.02668147	12.52111039	6.35535943	4.832746033	7.87814045
ENSMUSG00000095070	9.904325918	11.82549314	8.473812573	7.249119049	7.161945863
ENSMUSG00000095072	5.65961481	5.56493795	4.236906287	1.610915344	6.445751277
ENSMUSG00000095073	0	0	0	0	0
ENSMUSG00000095074	13.44158517	6.260555194	7.061510478	2.416373016	5.729556691
ENSMUSG00000095075	7.074518513	9.043024169	8.473812573	8.860034393	7.161945863
ENSMUSG00000095078	7.074518513	13.21672763	9.179963621	9.665492065	12.17530797
ENSMUSG00000095079	19.10119998	22.2597518	24.00913562	24.16373016	19.33725383

ENSMUSG00000095081	15.56394073	8.347406925	9.886114669	10.47094974	4.297167518
ENSMUSG00000095085	6.367066661	13.21672763	12.71071886	1.610915344	2.864778345
ENSMUSG00000095086	8.489422215	9.043024169	7.061510478	9.665492065	13.60769714
ENSMUSG00000095087	55.1812444	75.12666233	76.26431316	109.5422434	88.09193412
ENSMUSG00000095089	8.489422215	2.086851731	4.236906287	2.416373016	5.729556691
ENSMUSG00000095091	0	0	0	0	0
ENSMUSG00000095093	9.196874066	5.56493795	9.179963621	5.638203705	7.87814045
ENSMUSG00000095094	9.196874066	8.347406925	5.649208382	0.805457672	4.297167518
ENSMUSG00000095095	7.781970364	10.43425866	7.061510478	4.832746033	9.310529622
ENSMUSG00000095096	8.489422215	9.043024169	3.530755239	3.221830688	4.297167518
ENSMUSG00000095097	13.44158517	10.43425866	6.35535943	8.860034393	10.7429188
ENSMUSG00000095098	18.39374813	31.30277597	25.42143772	42.68925662	37.95831308
ENSMUSG00000095100	9.196874066	8.347406925	13.41686991	5.638203705	5.013362104
ENSMUSG00000095102	6.367066661	8.347406925	9.179963621	5.638203705	7.161945863
ENSMUSG00000095103	8.489422215	4.173703463	4.236906287	1.610915344	4.297167518
ENSMUSG00000095107	8.489422215	10.43425866	12.71071886	8.860034393	9.310529622
ENSMUSG00000095108	4.244711108	2.782468975	4.943057334	2.416373016	0
ENSMUSG00000095111	0.707451851	2.086851731	2.118453143	0	0.716194586
ENSMUSG00000095112	5.65961481	6.956172438	5.649208382	4.832746033	6.445751277
ENSMUSG00000095113	10.61177777	7.651789682	5.649208382	12.08186508	3.580972932
ENSMUSG00000095116	6.367066661	10.43425866	4.236906287	2.416373016	5.013362104
ENSMUSG00000095117	7.074518513	5.56493795	7.061510478	8.054576721	5.729556691
ENSMUSG00000095118	0	0	0	0	0
ENSMUSG00000095119	26.88317035	25.04222078	25.42143772	41.88379895	46.55264811
ENSMUSG00000095120	5.65961481	1.391234488	8.473812573	4.832746033	7.161945863
ENSMUSG00000095121	3.537259256	6.956172438	7.061510478	4.832746033	7.87814045
ENSMUSG00000095122	23.34591109	22.95536904	26.83373982	20.94189947	17.18867007
ENSMUSG00000095123	253.9752146	249.0309733	248.5651688	315.7394075	212.7097921
ENSMUSG00000095124	7.074518513	6.260555194	10.59226572	6.443661377	2.148583759
ENSMUSG00000095125	10.61177777	10.43425866	12.00456781	8.860034393	8.594335036
ENSMUSG00000095127	13.44158517	11.1298759	13.41686991	6.443661377	7.87814045
ENSMUSG00000095128	7.781970364	7.651789682	8.473812573	3.221830688	4.297167518
ENSMUSG00000095129	14.14903703	7.651789682	7.061510478	6.443661377	6.445751277
ENSMUSG00000095130	6.367066661	4.869320706	6.35535943	8.860034393	4.297167518
ENSMUSG00000095131	0	0	0	0	0
ENSMUSG00000095132	11.31922962	11.82549314	12.00456781	11.27640741	15.7562809
ENSMUSG00000095133	10.61177777	13.21672763	9.886114669	8.860034393	10.02672421
ENSMUSG00000095134	3.537259256	0.695617244	48.7244223	2.416373016	2.148583759
ENSMUSG00000095136	8.489422215	7.651789682	4.943057334	4.02728836	3.580972932
ENSMUSG00000095137	2.829807405	2.086851731	4.236906287	1.610915344	5.013362104
ENSMUSG00000095138	5.65961481	6.260555194	7.061510478	5.638203705	5.729556691
ENSMUSG00000095140	4.244711108	9.043024169	7.767661525	4.832746033	7.161945863
ENSMUSG00000095142	12.73413332	10.43425866	9.886114669	6.443661377	5.013362104

ENSMUSG00000095143	11.31922962	9.043024169	7.767661525	4.02728836	7.161945863
ENSMUSG00000095146	9.196874066	8.347406925	7.061510478	4.832746033	5.729556691
ENSMUSG00000095147	0	0	0	0	0
ENSMUSG00000095149	11.31922962	10.43425866	6.35535943	3.221830688	6.445751277
ENSMUSG00000095150	7.781970364	9.043024169	3.530755239	7.249119049	5.013362104
ENSMUSG00000095151	0	0	0	0	0
ENSMUSG00000095152	7.781970364	1.391234488	5.649208382	5.638203705	2.864778345
ENSMUSG00000095154	7.781970364	11.1298759	6.35535943	8.860034393	4.297167518
ENSMUSG00000095155	7.781970364	3.478086219	6.35535943	4.832746033	5.013362104
ENSMUSG00000095156	6.367066661	4.869320706	5.649208382	4.832746033	4.297167518
ENSMUSG00000095159	16.27139258	11.82549314	14.829172	24.16373016	16.47247549
ENSMUSG00000095160	7.074518513	6.956172438	10.59226572	8.860034393	5.729556691
ENSMUSG00000095161	4.244711108	5.56493795	6.35535943	4.832746033	5.729556691
ENSMUSG00000095162	9.904325918	9.738641413	6.35535943	4.832746033	2.864778345
ENSMUSG00000095163	9.904325918	9.043024169	4.236906287	6.443661377	3.580972932
ENSMUSG00000095164	0	0	0	0	0
ENSMUSG00000095165	10.61177777	6.956172438	9.886114669	7.249119049	7.87814045
ENSMUSG00000095168	7.781970364	7.651789682	7.061510478	7.249119049	5.013362104
ENSMUSG00000095169	8.489422215	8.347406925	9.886114669	3.221830688	2.148583759
ENSMUSG00000095170	9.196874066	7.651789682	9.886114669	4.832746033	6.445751277
ENSMUSG00000095171	9.196874066	6.260555194	8.473812573	5.638203705	7.87814045
ENSMUSG00000095174	30.4204296	45.21512085	45.8998181	24.96918783	21.48583759
ENSMUSG00000095175	7.781970364	5.56493795	7.767661525	4.832746033	7.161945863
ENSMUSG00000095176	7.781970364	5.56493795	12.71071886	2.416373016	3.580972932
ENSMUSG00000095178	9.196874066	13.91234488	14.12302096	12.08186508	22.20203218
ENSMUSG00000095179	9.196874066	4.869320706	6.35535943	2.416373016	0.716194586
ENSMUSG00000095180	2.829807405	0	2.118453143	2.416373016	1.432389173
ENSMUSG00000095182	0	0	0	0	0
ENSMUSG00000095183	0	0	0	0	0
ENSMUSG00000095184	12.02668147	9.043024169	10.59226572	8.860034393	10.02672421
ENSMUSG00000095185	8.489422215	5.56493795	3.530755239	8.054576721	5.013362104
ENSMUSG00000095186	568.7912884	612.1431745	620.0006199	539.6566403	584.4147825
ENSMUSG00000095187	15.56394073	9.043024169	9.179963621	3.221830688	9.310529622
ENSMUSG00000095188	9.904325918	10.43425866	7.061510478	4.02728836	5.013362104
ENSMUSG00000095189	11.31922962	9.738641413	5.649208382	2.416373016	7.87814045
ENSMUSG00000095191	15.56394073	6.260555194	6.35535943	10.47094974	5.729556691
ENSMUSG00000095192	5.65961481	6.956172438	3.530755239	3.221830688	1.432389173
ENSMUSG00000095193	9.904325918	18.08604834	12.71071886	10.47094974	22.91822676
ENSMUSG00000095196	10.61177777	7.651789682	8.473812573	4.02728836	5.729556691
ENSMUSG00000095197	4.244711108	6.956172438	5.649208382	4.832746033	4.297167518
ENSMUSG00000095198	0	0	0	0	0
ENSMUSG00000095199	15.56394073	20.86851731	17.65377619	12.88732275	16.47247549
ENSMUSG00000095200	3.537259256	2.782468975	3.530755239	7.249119049	5.013362104

ENSMUSG00000095201	12.73413332	3.478086219	6.35535943	6.443661377	5.013362104
ENSMUSG00000095202	7.074518513	6.956172438	7.061510478	8.054576721	7.87814045
ENSMUSG00000095203	14.85648888	4.173703463	7.767661525	4.832746033	10.02672421
ENSMUSG00000095204	6.367066661	4.869320706	6.35535943	3.221830688	6.445751277
ENSMUSG00000095205	8.489422215	24.34660353	16.94762515	45.91108731	39.39070225
ENSMUSG00000095206	0	0.695617244	0	2.416373016	0.716194586
ENSMUSG00000095209	5.65961481	8.347406925	6.35535943	4.02728836	7.161945863
ENSMUSG00000095210	3.537259256	3.478086219	2.824604191	4.02728836	3.580972932
ENSMUSG00000095212	6.367066661	9.738641413	5.649208382	6.443661377	5.729556691
ENSMUSG00000095213	7.781970364	9.738641413	6.35535943	7.249119049	6.445751277
ENSMUSG00000095214	9.904325918	9.738641413	5.649208382	0.805457672	5.729556691
ENSMUSG00000095216	8.489422215	11.1298759	7.061510478	6.443661377	7.161945863
ENSMUSG00000095217	11.31922962	14.60796212	12.71071886	4.832746033	10.02672421
ENSMUSG00000095218	7.074518513	10.43425866	9.886114669	3.221830688	10.7429188
ENSMUSG00000095219	9.196874066	9.043024169	12.00456781	7.249119049	4.297167518
ENSMUSG00000095220	0	0	0	0	0
ENSMUSG00000095221	1.414903703	0.695617244	0.706151048	0.805457672	0
ENSMUSG00000095222	0	0	0	0	0
ENSMUSG00000095225	0	0	0	0	0
ENSMUSG00000095228	6.367066661	4.173703463	0.706151048	5.638203705	1.432389173
ENSMUSG00000095229	6.367066661	4.173703463	7.767661525	1.610915344	3.580972932
ENSMUSG00000095231	2.829807405	1.391234488	1.412302096	0.805457672	5.013362104
ENSMUSG00000095233	7.074518513	9.738641413	7.767661525	8.054576721	11.45911338
ENSMUSG00000095234	3.537259256	2.086851731	2.824604191	3.221830688	2.864778345
ENSMUSG00000095236	9.904325918	6.956172438	11.29841676	4.02728836	5.729556691
ENSMUSG00000095237	7.781970364	5.56493795	2.824604191	3.221830688	5.013362104
ENSMUSG00000095238	9.196874066	9.738641413	6.35535943	1.610915344	10.02672421
ENSMUSG00000095239	8.489422215	5.56493795	7.061510478	4.02728836	7.161945863
ENSMUSG00000095243	4.244711108	7.651789682	5.649208382	10.47094974	5.013362104
ENSMUSG00000095245	6.367066661	6.260555194	4.943057334	4.832746033	9.310529622
ENSMUSG00000095246	6.367066661	6.260555194	4.943057334	7.249119049	5.729556691
ENSMUSG00000095248	9.196874066	8.347406925	6.35535943	8.054576721	5.729556691
ENSMUSG00000095249	0	0	0	0	0
ENSMUSG00000095251	7.781970364	6.956172438	7.061510478	4.02728836	7.161945863
ENSMUSG00000095253	14.85648888	34.08524495	31.0706461	20.94189947	18.62105924
ENSMUSG00000095254	6.367066661	9.738641413	8.473812573	4.02728836	7.161945863
ENSMUSG00000095255	13.44158517	11.1298759	11.29841676	7.249119049	5.729556691
ENSMUSG00000095256	7.781970364	9.043024169	7.061510478	3.221830688	4.297167518
ENSMUSG00000095258	2.122355554	1.391234488	1.412302096	3.221830688	1.432389173
ENSMUSG00000095259	3.537259256	4.869320706	4.236906287	1.610915344	3.580972932
ENSMUSG00000095260	5.65961481	7.651789682	7.767661525	9.665492065	7.87814045
ENSMUSG00000095261	9.904325918	7.651789682	7.061510478	4.832746033	8.594335036
ENSMUSG00000095262	5.65961481	6.956172438	4.943057334	6.443661377	8.594335036

ENSMUSG00000095264	3.537259256	4.173703463	2.824604191	4.832746033	3.580972932
ENSMUSG00000095265	9.196874066	6.260555194	7.767661525	8.860034393	8.594335036
ENSMUSG00000095266	8.489422215	9.738641413	8.473812573	3.221830688	11.45911338
ENSMUSG00000095269	0	0	0	0	0
ENSMUSG00000095270	7.074518513	6.956172438	9.179963621	8.860034393	8.594335036
ENSMUSG00000095271	7.781970364	6.956172438	4.943057334	4.832746033	3.580972932
ENSMUSG00000095272	6.367066661	1.391234488	2.118453143	3.221830688	2.148583759
ENSMUSG00000095273	16.27139258	5.56493795	10.59226572	6.443661377	4.297167518
ENSMUSG00000095274	11.31922962	12.52111039	6.35535943	5.638203705	11.45911338
ENSMUSG00000095275	12.73413332	6.956172438	7.061510478	4.02728836	2.864778345
ENSMUSG00000095277	3.537259256	6.260555194	4.236906287	3.221830688	2.148583759
ENSMUSG00000095278	38.20239997	63.99678643	62.84744325	95.04400531	83.7947666
ENSMUSG00000095279	6.367066661	8.347406925	6.35535943	4.02728836	5.013362104
ENSMUSG00000095280	1111.406858	1160.98518	1099.477181	1066.425958	1092.196744
ENSMUSG00000095281	79.23460734	125.9067211	100.9795998	103.098582	93.82149081
ENSMUSG00000095282	5.65961481	13.91234488	4.236906287	2.416373016	4.297167518
ENSMUSG00000095283	4.952162959	2.782468975	1.412302096	2.416373016	2.148583759
ENSMUSG00000095284	6.367066661	4.869320706	2.824604191	4.02728836	2.148583759
ENSMUSG00000095285	6.367066661	3.478086219	4.236906287	6.443661377	3.580972932
ENSMUSG00000095286	12.02668147	6.956172438	8.473812573	3.221830688	6.445751277
ENSMUSG00000095287	11.31922962	8.347406925	2.824604191	5.638203705	2.864778345
ENSMUSG00000095288	11.31922962	7.651789682	9.886114669	5.638203705	9.310529622
ENSMUSG00000095289	7.781970364	8.347406925	6.35535943	5.638203705	5.729556691
ENSMUSG00000095290	5.65961481	6.956172438	5.649208382	4.832746033	10.02672421
ENSMUSG00000095291	9.196874066	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000095292	9.196874066	6.260555194	5.649208382	6.443661377	4.297167518
ENSMUSG00000095294	42.44711108	30.60715873	48.7244223	19.33098413	25.06681052
ENSMUSG00000095296	13.44158517	4.173703463	5.649208382	7.249119049	6.445751277
ENSMUSG00000095297	9.196874066	9.738641413	8.473812573	7.249119049	5.013362104
ENSMUSG00000095298	4.244711108	2.782468975	4.943057334	3.221830688	2.864778345
ENSMUSG00000095299	9.196874066	4.173703463	4.943057334	12.08186508	10.7429188
ENSMUSG00000095301	7.781970364	9.043024169	5.649208382	1.610915344	10.7429188
ENSMUSG00000095305	9.196874066	6.260555194	7.767661525	4.832746033	5.729556691
ENSMUSG00000095306	7.781970364	10.43425866	8.473812573	8.054576721	5.729556691
ENSMUSG00000095307	9.196874066	10.43425866	12.71071886	4.832746033	7.161945863
ENSMUSG00000095309	12.02668147	2.086851731	6.35535943	6.443661377	2.148583759
ENSMUSG00000095310	0	0	0	0	0
ENSMUSG00000095311	9.196874066	7.651789682	5.649208382	8.860034393	6.445751277
ENSMUSG00000095312	7.781970364	5.56493795	7.767661525	9.665492065	5.013362104
ENSMUSG00000095313	14.14903703	9.738641413	5.649208382	8.054576721	15.04008631
ENSMUSG00000095314	2.122355554	3.478086219	4.236906287	2.416373016	0
ENSMUSG00000095315	55.88869625	118.9505487	85.44427678	81.35122488	86.65954495
ENSMUSG00000095316	2.829807405	4.173703463	7.767661525	2.416373016	5.013362104

ENSMUSG00000095319	10.61177777	6.260555194	4.236906287	6.443661377	5.729556691
ENSMUSG00000095321	2.122355554	6.260555194	7.767661525	2.416373016	3.580972932
ENSMUSG00000095322	7.074518513	6.260555194	6.35535943	5.638203705	10.02672421
ENSMUSG00000095323	12.02668147	10.43425866	12.00456781	9.665492065	11.45911338
ENSMUSG00000095325	17.68629628	20.86851731	24.71528667	21.74735715	22.20203218
ENSMUSG00000095327	9.196874066	2.782468975	2.118453143	3.221830688	4.297167518
ENSMUSG00000095328	12.02668147	11.1298759	8.473812573	5.638203705	11.45911338
ENSMUSG00000095329	9.196874066	4.869320706	7.061510478	6.443661377	8.594335036
ENSMUSG00000095330	8.489422215	11.82549314	5.649208382	6.443661377	4.297167518
ENSMUSG00000095331	10.61177777	10.43425866	5.649208382	8.054576721	5.013362104
ENSMUSG00000095333	13.44158517	11.82549314	8.473812573	2.416373016	7.161945863
ENSMUSG00000095334	9.196874066	10.43425866	11.29841676	7.249119049	12.17530797
ENSMUSG00000095335	5.65961481	6.260555194	9.886114669	4.02728836	5.013362104
ENSMUSG00000095336	0	0	0	0	0
ENSMUSG00000095338	4.952162959	8.347406925	6.35535943	5.638203705	5.729556691
ENSMUSG00000095340	0	0	0	0	0
ENSMUSG00000095342	0	0	0	0	0
ENSMUSG00000095343	6.367066661	6.956172438	6.35535943	6.443661377	7.87814045
ENSMUSG00000095344	12.02668147	7.651789682	8.473812573	4.832746033	8.594335036
ENSMUSG00000095345	2.829807405	3.478086219	8.473812573	4.832746033	0.716194586
ENSMUSG00000095346	6.367066661	7.651789682	5.649208382	7.249119049	7.161945863
ENSMUSG00000095347	7.074518513	1.391234488	9.886114669	4.02728836	11.45911338
ENSMUSG00000095348	4.244711108	0.695617244	5.649208382	2.416373016	2.864778345
ENSMUSG00000095349	6.367066661	5.56493795	4.943057334	5.638203705	5.729556691
ENSMUSG00000095350	0	0	0	0	0
ENSMUSG00000095351	13.44158517	8.347406925	7.767661525	4.02728836	5.013362104
ENSMUSG00000095353	2.829807405	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000095354	5.65961481	6.260555194	5.649208382	4.832746033	5.729556691
ENSMUSG00000095356	5.65961481	7.651789682	8.473812573	6.443661377	4.297167518
ENSMUSG00000095357	0	0	0	0	0
ENSMUSG00000095358	7.781970364	5.56493795	2.824604191	7.249119049	5.729556691
ENSMUSG00000095361	363.6302515	355.4604116	328.3602372	345.5413413	253.5328836
ENSMUSG00000095366	2.829807405	2.782468975	48.7244223	4.02728836	3.580972932
ENSMUSG00000095367	10.61177777	9.043024169	15.53532305	10.47094974	12.89150255
ENSMUSG00000095368	12.02668147	12.52111039	7.767661525	6.443661377	8.594335036
ENSMUSG00000095369	9.196874066	6.956172438	3.530755239	6.443661377	11.45911338
ENSMUSG00000095370	12.02668147	7.651789682	6.35535943	6.443661377	8.594335036
ENSMUSG00000095371	9.904325918	9.738641413	8.473812573	9.665492065	7.161945863
ENSMUSG00000095372	0	0	0	0	0
ENSMUSG00000095373	9.196874066	7.651789682	9.179963621	2.416373016	3.580972932
ENSMUSG00000095374	9.196874066	0.695617244	6.35535943	0.805457672	4.297167518
ENSMUSG00000095376	0	0	0	0	0
ENSMUSG00000095377	6.367066661	4.869320706	7.061510478	4.832746033	5.729556691



ENSMUSG00000095379	7.074518513	4.869320706	9.179963621	8.054576721	7.87814045
ENSMUSG00000095380	6.367066661	4.869320706	11.29841676	3.221830688	5.013362104
ENSMUSG00000095382	9.196874066	8.347406925	7.061510478	8.860034393	3.580972932
ENSMUSG00000095383	12.02668147	8.347406925	8.473812573	7.249119049	5.013362104
ENSMUSG00000095386	6.367066661	6.260555194	9.179963621	8.860034393	2.148583759
ENSMUSG00000095389	9.904325918	5.56493795	11.29841676	8.860034393	11.45911338
ENSMUSG00000095390	8.489422215	5.56493795	10.59226572	3.221830688	6.445751277
ENSMUSG00000095392	6.367066661	2.782468975	6.35535943	3.221830688	4.297167518
ENSMUSG00000095393	13.44158517	9.043024169	8.473812573	4.832746033	7.87814045
ENSMUSG00000095394	8.489422215	6.260555194	5.649208382	4.832746033	8.594335036
ENSMUSG00000095395	120.9742666	151.6445591	144.0548137	81.35122488	103.1320204
ENSMUSG00000095396	40.32475552	76.51789682	44.48751601	30.60739154	37.95831308
ENSMUSG00000095398	5.65961481	2.782468975	2.118453143	4.02728836	2.148583759
ENSMUSG00000095399	5.65961481	9.738641413	5.649208382	7.249119049	0.716194586
ENSMUSG00000095401	7.074518513	11.1298759	4.236906287	2.416373016	4.297167518
ENSMUSG00000095402	0	0	0	0	0
ENSMUSG00000095406	12.02668147	9.043024169	9.179963621	8.054576721	10.02672421
ENSMUSG00000095408	4.244711108	4.869320706	4.236906287	6.443661377	2.864778345
ENSMUSG00000095410	0	0	0	0	0
ENSMUSG00000095411	4.244711108	5.56493795	4.236906287	2.416373016	5.013362104
ENSMUSG00000095414	9.196874066	6.260555194	5.649208382	7.249119049	8.594335036
ENSMUSG00000095416	5.65961481	7.651789682	2.118453143	9.665492065	5.729556691
ENSMUSG00000095418	0	0	0	0	0
ENSMUSG00000095419	5.65961481	5.56493795	7.061510478	8.054576721	7.87814045
ENSMUSG00000095420	3.537259256	0	1.412302096	1.610915344	0
ENSMUSG00000095421	7.781970364	4.173703463	4.236906287	1.610915344	2.864778345
ENSMUSG00000095422	11.31922962	4.869320706	8.473812573	4.02728836	7.161945863
ENSMUSG00000095423	7.074518513	6.956172438	9.179963621	5.638203705	5.013362104
ENSMUSG00000095424	8.489422215	4.173703463	2.118453143	4.02728836	3.580972932
ENSMUSG00000095425	0	0	0	0	0
ENSMUSG00000095427	9.904325918	9.043024169	4.943057334	12.08186508	10.7429188
ENSMUSG00000095428	0	0	0	0	0
ENSMUSG00000095429	2.829807405	4.869320706	1.412302096	4.02728836	2.864778345
ENSMUSG00000095430	9.196874066	6.956172438	9.886114669	8.860034393	2.864778345
ENSMUSG00000095431	7.781970364	10.43425866	3.530755239	3.221830688	6.445751277
ENSMUSG00000095433	2.829807405	3.478086219	4.943057334	0.805457672	5.729556691
ENSMUSG00000095435	9.904325918	11.82549314	12.00456781	10.47094974	5.013362104
ENSMUSG00000095436	6.367066661	5.56493795	1.412302096	5.638203705	7.161945863
ENSMUSG00000095437	15.56394073	9.738641413	9.886114669	4.832746033	14.32389173
ENSMUSG00000095438	3.537259256	2.782468975	4.236906287	6.443661377	6.445751277
ENSMUSG00000095440	8.489422215	6.956172438	2.118453143	5.638203705	5.013362104
ENSMUSG00000095442	6.367066661	4.869320706	4.236906287	4.832746033	3.580972932
ENSMUSG00000095444	2.122355554	1.391234488	1.412302096	2.416373016	2.148583759

ENSMUSG00000095445	2.122355554	1.391234488	2.118453143	2.416373016	0
ENSMUSG00000095446	12.73413332	13.21672763	16.94762515	6.443661377	13.60769714
ENSMUSG00000095447	9.904325918	6.956172438	7.061510478	6.443661377	5.013362104
ENSMUSG00000095448	9.196874066	13.21672763	9.179963621	8.860034393	4.297167518
ENSMUSG00000095449	0	0	0	0	0
ENSMUSG00000095451	0	0	0	0	0
ENSMUSG00000095453	0	0	0	0	0
ENSMUSG00000095455	12.02668147	4.869320706	8.473812573	5.638203705	10.7429188
ENSMUSG00000095457	8.489422215	5.56493795	3.530755239	6.443661377	7.87814045
ENSMUSG00000095458	2.829807405	6.956172438	2.118453143	3.221830688	4.297167518
ENSMUSG00000095460	11.31922962	7.651789682	3.530755239	4.02728836	7.87814045
ENSMUSG00000095462	4.244711108	5.56493795	2.824604191	4.832746033	2.864778345
ENSMUSG00000095465	6.367066661	4.173703463	9.886114669	4.832746033	4.297167518
ENSMUSG00000095466	12.02668147	9.043024169	9.179963621	5.638203705	5.729556691
ENSMUSG00000095467	11.31922962	7.651789682	6.35535943	8.054576721	5.013362104
ENSMUSG00000095468	0.707451851	1.391234488	0	0	0
ENSMUSG00000095469	6.367066661	5.56493795	10.59226572	5.638203705	6.445751277
ENSMUSG00000095470	10.61177777	5.56493795	5.649208382	8.860034393	8.594335036
ENSMUSG00000095472	0	0	0	0	0
ENSMUSG00000095474	4.952162959	4.869320706	6.35535943	6.443661377	3.580972932
ENSMUSG00000095476	0	0	0	0	0
ENSMUSG00000095477	5.65961481	4.869320706	11.29841676	8.860034393	10.02672421
ENSMUSG00000095478	6.367066661	11.82549314	12.00456781	5.638203705	5.729556691
ENSMUSG00000095479	4.952162959	3.478086219	7.767661525	4.832746033	6.445751277
ENSMUSG00000095480	7.074518513	2.086851731	9.886114669	2.416373016	3.580972932
ENSMUSG00000095481	7.781970364	5.56493795	5.649208382	1.610915344	3.580972932
ENSMUSG00000095482	11.31922962	9.738641413	10.59226572	3.221830688	6.445751277
ENSMUSG00000095483	6.367066661	9.043024169	8.473812573	8.860034393	8.594335036
ENSMUSG00000095484	9.196874066	9.738641413	5.649208382	4.02728836	5.013362104
ENSMUSG00000095486	10.61177777	4.869320706	12.00456781	4.832746033	6.445751277
ENSMUSG00000095487	12.73413332	3.478086219	12.71071886	2.416373016	8.594335036
ENSMUSG00000095488	11.31922962	9.043024169	5.649208382	12.08186508	6.445751277
ENSMUSG00000095489	9.196874066	4.869320706	10.59226572	6.443661377	3.580972932
ENSMUSG00000095490	12.73413332	5.56493795	6.35535943	5.638203705	5.013362104
ENSMUSG00000095491	0	0	0	0	0
ENSMUSG00000095492	4.244711108	4.869320706	2.824604191	3.221830688	4.297167518
ENSMUSG00000095494	7.074518513	2.086851731	5.649208382	3.221830688	4.297167518
ENSMUSG00000095495	12.73413332	11.1298759	11.29841676	4.832746033	7.161945863
ENSMUSG00000095497	11.31922962	6.956172438	11.29841676	6.443661377	5.013362104
ENSMUSG00000095498	8.489422215	6.956172438	7.767661525	4.832746033	7.87814045
ENSMUSG00000095499	2.122355554	4.869320706	2.118453143	3.221830688	1.432389173
ENSMUSG00000095501	0	0	0	0	0
ENSMUSG00000095502	10.61177777	6.260555194	14.12302096	12.08186508	12.17530797

ENSMUSG00000095503	14.85648888	12.52111039	7.061510478	1.610915344	6.445751277
ENSMUSG00000095504	38.90985182	74.43104508	53.66747963	45.10562964	48.70123187
ENSMUSG00000095506	9.904325918	4.869320706	5.649208382	4.832746033	4.297167518
ENSMUSG00000095507	2.122355554	0	0	1.610915344	0.716194586
ENSMUSG00000095509	0	0	0	0	0
ENSMUSG00000095511	0	0	0	0	0
ENSMUSG00000095512	9.904325918	8.347406925	5.649208382	6.443661377	6.445751277
ENSMUSG00000095513	6.367066661	9.738641413	2.824604191	5.638203705	7.87814045
ENSMUSG00000095514	5.65961481	3.478086219	5.649208382	4.02728836	10.02672421
ENSMUSG00000095516	17.68629628	16.69481385	15.53532305	10.47094974	13.60769714
ENSMUSG00000095517	17.68629628	21.56413456	16.2414741	8.860034393	12.17530797
ENSMUSG00000095518	14.85648888	11.82549314	12.71071886	8.054576721	9.310529622
ENSMUSG00000095519	9.904325918	4.869320706	6.35535943	6.443661377	7.87814045
ENSMUSG00000095521	2.829807405	2.086851731	8.473812573	2.416373016	2.148583759
ENSMUSG00000095522	7.074518513	8.347406925	6.35535943	5.638203705	9.310529622
ENSMUSG00000095524	105.4103258	168.339373	159.5901368	161.0915344	155.4142252
ENSMUSG00000095525	11.31922962	9.043024169	7.767661525	5.638203705	8.594335036
ENSMUSG00000095526	15.56394073	14.60796212	23.30298458	21.74735715	22.20203218
ENSMUSG00000095527	13.44158517	6.956172438	7.767661525	5.638203705	10.7429188
ENSMUSG00000095529	8.489422215	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG00000095530	7.781970364	7.651789682	13.41686991	13.69278043	17.18867007
ENSMUSG00000095531	8.489422215	10.43425866	8.473812573	6.443661377	11.45911338
ENSMUSG00000095532	10.61177777	9.738641413	12.71071886	4.832746033	3.580972932
ENSMUSG00000095533	8.489422215	5.56493795	7.061510478	4.832746033	5.013362104
ENSMUSG00000095534	7.781970364	4.173703463	4.236906287	3.221830688	5.013362104
ENSMUSG00000095536	0	0	0	0	0
ENSMUSG00000095537	12.02668147	4.173703463	7.767661525	6.443661377	10.02672421
ENSMUSG00000095539	7.781970364	6.260555194	6.35535943	5.638203705	2.864778345
ENSMUSG00000095541	8.489422215	4.869320706	8.473812573	4.832746033	5.729556691
ENSMUSG00000095542	4.952162959	2.086851731	4.943057334	2.416373016	4.297167518
ENSMUSG00000095543	18.39374813	6.956172438	6.35535943	9.665492065	2.148583759
ENSMUSG00000095544	4.244711108	4.173703463	7.767661525	5.638203705	4.297167518
ENSMUSG00000095545	15.56394073	20.86851731	21.89068248	12.88732275	24.35061594
ENSMUSG00000095547	715.9412735	709.5295887	696.9710841	634.7006456	678.2362733
ENSMUSG00000095549	0	0	0	0	0
ENSMUSG00000095550	16.97884443	10.43425866	9.886114669	8.860034393	5.013362104
ENSMUSG00000095551	10.61177777	5.56493795	13.41686991	9.665492065	5.729556691
ENSMUSG00000095553	3.537259256	4.869320706	4.943057334	1.610915344	5.729556691
ENSMUSG00000095554	2.829807405	2.782468975	7.061510478	0.805457672	2.864778345
ENSMUSG00000095555	9.196874066	12.52111039	8.473812573	9.665492065	12.17530797
ENSMUSG00000095557	10.61177777	4.173703463	9.179963621	8.054576721	9.310529622
ENSMUSG00000095558	4.952162959	4.173703463	6.35535943	4.02728836	2.864778345
ENSMUSG00000095559	7.074518513	7.651789682	2.824604191	5.638203705	4.297167518

ENSMUSG00000095560	4.952162959	6.956172438	6.35535943	8.860034393	9.310529622
ENSMUSG00000095561	6.367066661	2.782468975	4.236906287	1.610915344	5.013362104
ENSMUSG00000095562	21.93100739	27.82468975	80.50121945	14.4982381	21.48583759
ENSMUSG00000095563	7.074518513	3.478086219	2.118453143	4.02728836	0.716194586
ENSMUSG00000095564	5.65961481	6.260555194	9.179963621	4.02728836	11.45911338
ENSMUSG00000095565	2.122355554	3.478086219	4.236906287	7.249119049	7.87814045
ENSMUSG00000095569	6.367066661	4.869320706	4.943057334	4.832746033	8.594335036
ENSMUSG00000095571	7.074518513	6.956172438	7.061510478	3.221830688	5.729556691
ENSMUSG00000095572	6.367066661	9.738641413	6.35535943	4.02728836	8.594335036
ENSMUSG00000095573	0.707451851	0.695617244	2.118453143	0.805457672	0.716194586
ENSMUSG00000095574	2.829807405	2.086851731	5.649208382	3.221830688	1.432389173
ENSMUSG00000095575	0	0	0	0	0
ENSMUSG00000095577	0	0	0	0	0
ENSMUSG00000095579	7.781970364	6.260555194	4.943057334	6.443661377	7.161945863
ENSMUSG00000095580	6.367066661	7.651789682	3.530755239	1.610915344	5.729556691
ENSMUSG00000095581	0	0	0	0	0
ENSMUSG00000095583	5.65961481	4.869320706	4.943057334	1.610915344	1.432389173
ENSMUSG00000095584	12.73413332	7.651789682	7.061510478	8.054576721	6.445751277
ENSMUSG00000095586	7.074518513	4.173703463	9.179963621	3.221830688	2.864778345
ENSMUSG00000095587	0	0	0	0	0
ENSMUSG00000095588	14.85648888	7.651789682	7.767661525	4.832746033	2.864778345
ENSMUSG00000095589	12.02668147	5.56493795	9.179963621	6.443661377	5.729556691
ENSMUSG00000095590	6.367066661	9.738641413	9.886114669	7.249119049	10.02672421
ENSMUSG00000095591	0	0	0	0	0
ENSMUSG00000095592	0	0	0	0	0
ENSMUSG00000095593	8.489422215	6.956172438	3.530755239	6.443661377	5.013362104
ENSMUSG00000095594	7.074518513	6.260555194	4.943057334	8.054576721	3.580972932
ENSMUSG00000095596	11.31922962	9.043024169	9.179963621	12.88732275	9.310529622
ENSMUSG00000095597	0	0	0	0	0.716194586
ENSMUSG00000095599	5.65961481	2.782468975	7.061510478	4.02728836	2.148583759
ENSMUSG00000095600	7.781970364	6.260555194	5.649208382	8.860034393	7.87814045
ENSMUSG00000095602	6.367066661	3.478086219	3.530755239	2.416373016	4.297167518
ENSMUSG00000095603	14.14903703	6.260555194	6.35535943	5.638203705	5.013362104
ENSMUSG00000095604	11.31922962	3.478086219	14.829172	4.02728836	8.594335036
ENSMUSG00000095605	13.44158517	7.651789682	9.179963621	1.610915344	10.02672421
ENSMUSG00000095607	12.02668147	2.782468975	11.29841676	5.638203705	5.013362104
ENSMUSG00000095608	11.31922962	4.869320706	7.061510478	4.832746033	8.594335036
ENSMUSG00000095609	5.65961481	4.869320706	2.118453143	4.02728836	6.445751277
ENSMUSG00000095610	12.73413332	4.173703463	10.59226572	5.638203705	9.310529622
ENSMUSG00000095612	3.537259256	6.260555194	3.530755239	6.443661377	5.729556691
ENSMUSG00000095614	8.489422215	9.043024169	13.41686991	4.832746033	5.013362104
ENSMUSG00000095615	18.39374813	15.30357936	13.41686991	70.07481747	43.68786977
ENSMUSG00000095616	89.84638511	174.5999282	138.4056054	94.23854763	103.848215

ENSMUSG00000095618	4.244711108	1.391234488	2.824604191	2.416373016	2.864778345
ENSMUSG00000095619	13.44158517	10.43425866	9.179963621	8.054576721	5.729556691
ENSMUSG00000095622	8.489422215	2.782468975	7.061510478	5.638203705	2.148583759
ENSMUSG00000095624	9.196874066	12.52111039	4.236906287	5.638203705	3.580972932
ENSMUSG00000095625	6.367066661	4.173703463	7.061510478	6.443661377	5.729556691
ENSMUSG00000095626	4.952162959	4.173703463	4.236906287	0.805457672	2.864778345
ENSMUSG00000095627	7.781970364	1.391234488	4.943057334	2.416373016	2.148583759
ENSMUSG00000095628	0	0	0	0	0
ENSMUSG00000095629	12.02668147	5.56493795	12.00456781	1.610915344	3.580972932
ENSMUSG00000095630	13.44158517	6.956172438	8.473812573	8.860034393	7.87814045
ENSMUSG00000095631	9.196874066	7.651789682	8.473812573	4.02728836	4.297167518
ENSMUSG00000095632	4.952162959	4.869320706	7.767661525	7.249119049	7.87814045
ENSMUSG00000095633	4.952162959	6.260555194	10.59226572	4.02728836	1.432389173
ENSMUSG00000095635	50.93653329	88.34338996	76.26431316	201.364418	156.1304198
ENSMUSG00000095636	4.952162959	0.695617244	6.35535943	0.805457672	5.729556691
ENSMUSG00000095637	6.367066661	9.738641413	9.179963621	3.221830688	5.729556691
ENSMUSG00000095638	6.367066661	11.1298759	11.29841676	8.054576721	6.445751277
ENSMUSG00000095639	7.781970364	4.869320706	2.824604191	0.805457672	4.297167518
ENSMUSG00000095641	7.074518513	4.173703463	6.35535943	1.610915344	2.864778345
ENSMUSG00000095643	12.02668147	6.260555194	4.236906287	9.665492065	8.594335036
ENSMUSG00000095645	0	0	0	0	0
ENSMUSG00000095646	12.73413332	10.43425866	7.767661525	9.665492065	8.594335036
ENSMUSG00000095647	9.196874066	15.30357936	5.649208382	4.02728836	2.864778345
ENSMUSG00000095648	6.367066661	16.69481385	16.2414741	19.33098413	12.17530797
ENSMUSG00000095649	9.196874066	6.260555194	4.236906287	8.054576721	10.02672421
ENSMUSG00000095651	4.952162959	9.738641413	6.35535943	4.832746033	5.729556691
ENSMUSG00000095652	0	0	0	0	0
ENSMUSG00000095653	4.952162959	6.956172438	7.767661525	7.249119049	7.161945863
ENSMUSG00000095655	2.122355554	1.391234488	3.530755239	1.610915344	2.148583759
ENSMUSG00000095656	1.414903703	2.086851731	0.706151048	2.416373016	0.716194586
ENSMUSG00000095657	4.244711108	6.260555194	4.236906287	3.221830688	5.013362104
ENSMUSG00000095658	7.781970364	10.43425866	5.649208382	1.610915344	2.148583759
ENSMUSG00000095659	4.244711108	2.086851731	3.530755239	4.02728836	2.148583759
ENSMUSG00000095660	0	0	0	0	0
ENSMUSG00000095661	9.904325918	11.1298759	13.41686991	6.443661377	10.02672421
ENSMUSG00000095663	9.196874066	7.651789682	7.767661525	9.665492065	8.594335036
ENSMUSG00000095664	7.074518513	6.260555194	4.236906287	2.416373016	2.864778345
ENSMUSG00000095667	12.02668147	11.82549314	7.767661525	6.443661377	8.594335036
ENSMUSG00000095668	2.122355554	2.782468975	1.412302096	2.416373016	1.432389173
ENSMUSG00000095671	0	0	0	0	0
ENSMUSG00000095674	11.31922962	11.82549314	8.473812573	13.69278043	10.7429188
ENSMUSG00000095675	4.244711108	2.782468975	4.943057334	1.610915344	2.864778345
ENSMUSG00000095676	9.196874066	8.347406925	12.71071886	8.054576721	7.161945863

ENSMUSG00000095678	14.85648888	18.08604834	14.12302096	10.47094974	10.02672421
ENSMUSG00000095680	9.196874066	6.956172438	6.35535943	2.416373016	7.161945863
ENSMUSG00000095682	12.73413332	18.08604834	16.2414741	11.27640741	6.445751277
ENSMUSG00000095684	11.31922962	7.651789682	7.767661525	6.443661377	9.310529622
ENSMUSG00000095685	8.489422215	4.173703463	5.649208382	2.416373016	8.594335036
ENSMUSG00000095690	35.37259256	27.82468975	28.95219296	34.6346799	20.769643
ENSMUSG00000095691	3.537259256	4.173703463	1.412302096	2.416373016	2.864778345
ENSMUSG00000095692	7.074518513	9.043024169	6.35535943	5.638203705	5.729556691
ENSMUSG00000095693	5.65961481	3.478086219	4.236906287	5.638203705	5.729556691
ENSMUSG00000095696	8.489422215	7.651789682	7.061510478	4.02728836	7.87814045
ENSMUSG00000095697	6.367066661	4.173703463	11.29841676	6.443661377	2.864778345
ENSMUSG00000095699	0	0	0	0	0
ENSMUSG00000095700	5.65961481	3.478086219	5.649208382	3.221830688	2.864778345
ENSMUSG00000095701	4.952162959	8.347406925	3.530755239	4.832746033	5.013362104
ENSMUSG00000095702	4.244711108	4.869320706	4.943057334	2.416373016	7.161945863
ENSMUSG00000095703	0.707451851	0.695617244	0	0	1.432389173
ENSMUSG00000095704	5.65961481	4.173703463	5.649208382	4.02728836	7.87814045
ENSMUSG00000095705	9.196874066	5.56493795	6.35535943	6.443661377	5.013362104
ENSMUSG00000095706	7.781970364	6.956172438	11.29841676	4.832746033	5.729556691
ENSMUSG00000095709	11.31922962	8.347406925	4.943057334	10.47094974	6.445751277
ENSMUSG00000095712	205.8684887	247.6397388	188.5423298	238.4154709	180.4810358
ENSMUSG00000095713	0	0	0	0	0
ENSMUSG00000095714	0	0	0	0	0
ENSMUSG00000095717	7.781970364	6.260555194	6.35535943	3.221830688	2.864778345
ENSMUSG00000095718	8.489422215	7.651789682	11.29841676	8.054576721	5.013362104
ENSMUSG00000095720	13.44158517	7.651789682	4.236906287	7.249119049	7.161945863
ENSMUSG00000095721	7.781970364	6.260555194	7.061510478	11.27640741	9.310529622
ENSMUSG00000095722	14.14903703	11.1298759	8.473812573	7.249119049	10.02672421
ENSMUSG00000095723	1.414903703	2.086851731	2.824604191	1.610915344	2.864778345
ENSMUSG00000095725	8.489422215	4.869320706	5.649208382	2.416373016	3.580972932
ENSMUSG00000095727	3.537259256	3.478086219	0.706151048	0	0.716194586
ENSMUSG00000095729	11.31922962	9.738641413	6.35535943	7.249119049	11.45911338
ENSMUSG00000095730	8.489422215	7.651789682	12.71071886	11.27640741	7.161945863
ENSMUSG00000095731	6.367066661	11.82549314	8.473812573	4.02728836	10.02672421
ENSMUSG00000095732	9.196874066	6.956172438	9.179963621	9.665492065	5.729556691
ENSMUSG00000095733	9.904325918	6.956172438	5.649208382	2.416373016	4.297167518
ENSMUSG00000095734	1.414903703	5.56493795	3.530755239	0	2.864778345
ENSMUSG00000095736	9.904325918	6.260555194	4.943057334	6.443661377	10.7429188
ENSMUSG00000095737	8.489422215	10.43425866	7.061510478	4.02728836	9.310529622
ENSMUSG00000095738	8.489422215	9.043024169	8.473812573	4.832746033	10.02672421
ENSMUSG00000095739	0	0	0	0	0
ENSMUSG00000095740	11.31922962	18.08604834	19.06607829	28.9964762	17.18867007
ENSMUSG00000095743	12.73413332	7.651789682	9.179963621	5.638203705	7.87814045

ENSMUSG00000095744	10.61177777	3.478086219	9.179963621	8.054576721	7.87814045
ENSMUSG00000095745	14.14903703	4.869320706	7.767661525	6.443661377	4.297167518
ENSMUSG00000095747	14.85648888	24.34660353	28.24604191	16.91461111	25.78300511
ENSMUSG00000095749	0	0	0	0	0
ENSMUSG00000095752	2.829807405	3.478086219	3.530755239	0.805457672	2.148583759
ENSMUSG00000095753	9.196874066	9.043024169	6.35535943	6.443661377	14.32389173
ENSMUSG00000095754	4.244711108	6.956172438	12.00456781	3.221830688	3.580972932
ENSMUSG00000095756	15.56394073	9.738641413	8.473812573	6.443661377	7.161945863
ENSMUSG00000095757	6.367066661	8.347406925	2.824604191	8.860034393	3.580972932
ENSMUSG00000095758	12.02668147	5.56493795	5.649208382	6.443661377	1.432389173
ENSMUSG00000095759	6.367066661	0.695617244	4.236906287	1.610915344	4.297167518
ENSMUSG00000095761	7.074518513	6.260555194	8.473812573	1.610915344	6.445751277
ENSMUSG00000095762	8.489422215	11.1298759	9.179963621	16.10915344	13.60769714
ENSMUSG00000095764	0	0	0	0	0
ENSMUSG00000095765	10.61177777	10.43425866	6.35535943	3.221830688	4.297167518
ENSMUSG00000095766	172.6182517	258.0739974	242.9159604	240.831844	237.7766027
ENSMUSG00000095768	13.44158517	2.782468975	7.767661525	7.249119049	3.580972932
ENSMUSG00000095769	8.489422215	5.56493795	3.530755239	2.416373016	4.297167518
ENSMUSG00000095771	13.44158517	22.95536904	16.2414741	20.1364418	18.62105924
ENSMUSG00000095772	1.414903703	0	2.118453143	0.805457672	2.864778345
ENSMUSG00000095774	8.489422215	6.956172438	4.943057334	3.221830688	7.161945863
ENSMUSG00000095775	7.781970364	4.869320706	3.530755239	6.443661377	4.297167518
ENSMUSG00000095776	7.781970364	7.651789682	9.179963621	5.638203705	7.161945863
ENSMUSG00000095777	4.952162959	6.956172438	9.179963621	4.832746033	2.864778345
ENSMUSG00000095778	7.781970364	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG00000095780	0.707451851	2.086851731	2.824604191	1.610915344	1.432389173
ENSMUSG00000095782	4.244711108	5.56493795	3.530755239	0.805457672	2.864778345
ENSMUSG00000095786	0	0	0	0	0
ENSMUSG00000095791	6.367066661	11.82549314	8.473812573	5.638203705	9.310529622
ENSMUSG00000095792	9.196874066	4.869320706	7.767661525	4.02728836	10.7429188
ENSMUSG00000095794	10.61177777	14.60796212	11.29841676	2.416373016	8.594335036
ENSMUSG00000095796	7.074518513	4.869320706	4.236906287	4.832746033	7.161945863
ENSMUSG00000095797	9.904325918	4.869320706	9.886114669	4.02728836	5.729556691
ENSMUSG00000095798	8.489422215	5.56493795	14.829172	5.638203705	12.89150255
ENSMUSG00000095799	14.14903703	10.43425866	11.29841676	5.638203705	8.594335036
ENSMUSG00000095802	4.244711108	4.173703463	4.943057334	3.221830688	2.864778345
ENSMUSG00000095803	0.707451851	4.173703463	3.530755239	2.416373016	1.432389173
ENSMUSG00000095804	14.14903703	8.347406925	3.530755239	1.610915344	9.310529622
ENSMUSG00000095805	9.904325918	4.869320706	12.71071886	3.221830688	11.45911338
ENSMUSG00000095806	16.97884443	2.782468975	5.649208382	6.443661377	2.148583759
ENSMUSG00000095807	2.829807405	6.956172438	8.473812573	4.02728836	4.297167518
ENSMUSG00000095809	7.781970364	8.347406925	6.35535943	4.02728836	5.013362104
ENSMUSG00000095812	8.489422215	9.738641413	8.473812573	9.665492065	5.729556691

ENSMUSG00000095813	7.781970364	8.347406925	4.943057334	9.665492065	7.87814045
ENSMUSG00000095816	15.56394073	6.956172438	4.943057334	8.054576721	4.297167518
ENSMUSG00000095817	10.61177777	3.478086219	4.943057334	8.860034393	5.013362104
ENSMUSG00000095818	12.02668147	6.260555194	7.767661525	8.860034393	5.729556691
ENSMUSG00000095820	2.122355554	4.869320706	2.118453143	2.416373016	4.297167518
ENSMUSG00000095821	12.73413332	6.956172438	5.649208382	4.02728836	5.729556691
ENSMUSG00000095822	10.61177777	3.478086219	7.061510478	3.221830688	6.445751277
ENSMUSG00000095824	12.73413332	12.52111039	13.41686991	10.47094974	7.87814045
ENSMUSG00000095825	11.31922962	9.043024169	7.767661525	4.832746033	9.310529622
ENSMUSG00000095826	9.904325918	6.956172438	14.12302096	5.638203705	12.89150255
ENSMUSG00000095827	5.65961481	5.56493795	4.943057334	5.638203705	4.297167518
ENSMUSG00000095828	0	0	0	0	0
ENSMUSG00000095831	7.781970364	4.869320706	6.35535943	4.832746033	7.87814045
ENSMUSG00000095834	13.44158517	4.173703463	8.473812573	6.443661377	10.7429188
ENSMUSG00000095836	2.122355554	2.782468975	2.118453143	2.416373016	1.432389173
ENSMUSG00000095837	18.39374813	9.738641413	4.236906287	5.638203705	7.161945863
ENSMUSG00000095839	7.074518513	8.347406925	7.767661525	2.416373016	4.297167518
ENSMUSG00000095841	9.196874066	10.43425866	6.35535943	11.27640741	10.7429188
ENSMUSG00000095842	9.904325918	4.869320706	4.236906287	4.02728836	5.729556691
ENSMUSG00000095843	0	0	0	0	0
ENSMUSG00000095846	12.73413332	9.043024169	6.35535943	6.443661377	7.161945863
ENSMUSG00000095847	12.73413332	13.21672763	9.179963621	8.054576721	5.729556691
ENSMUSG00000095849	8.489422215	2.782468975	9.179963621	5.638203705	7.161945863
ENSMUSG00000095850	1.414903703	2.782468975	1.412302096	2.416373016	0.716194586
ENSMUSG00000095851	9.196874066	11.1298759	7.061510478	11.27640741	8.594335036
ENSMUSG00000095853	12.02668147	10.43425866	9.179963621	6.443661377	5.729556691
ENSMUSG00000095856	27.5906222	36.17209668	26.12758877	24.16373016	32.22875639
ENSMUSG00000095857	13.44158517	6.956172438	5.649208382	1.610915344	6.445751277
ENSMUSG00000095858	9.904325918	12.52111039	4.943057334	5.638203705	5.729556691
ENSMUSG00000095859	6.367066661	4.173703463	4.236906287	6.443661377	5.729556691
ENSMUSG00000095860	6.367066661	1.391234488	4.236906287	3.221830688	2.864778345
ENSMUSG00000095862	4.244711108	2.086851731	2.824604191	3.221830688	6.445751277
ENSMUSG00000095863	7.074518513	6.260555194	9.179963621	5.638203705	6.445751277
ENSMUSG00000095864	7.781970364	4.869320706	9.179963621	5.638203705	1.432389173
ENSMUSG00000095865	21.93100739	9.043024169	12.00456781	20.94189947	11.45911338
ENSMUSG00000095866	2.122355554	4.869320706	6.35535943	3.221830688	4.297167518
ENSMUSG00000095868	0	0	0	0	0
ENSMUSG00000095869	9.196874066	7.651789682	12.00456781	8.054576721	10.7429188
ENSMUSG00000095871	0	0	0	0	0
ENSMUSG00000095873	9.196874066	4.869320706	7.061510478	8.860034393	3.580972932
ENSMUSG00000095874	8.489422215	6.956172438	8.473812573	4.02728836	4.297167518
ENSMUSG00000095876	12.02668147	18.78166558	14.12302096	17.72006879	13.60769714
ENSMUSG00000095878	6.367066661	3.478086219	8.473812573	7.249119049	3.580972932



ENSMUSG00000095879	4.244711108	3.478086219	2.118453143	1.610915344	5.729556691
ENSMUSG00000095880	10.61177777	6.956172438	7.767661525	8.054576721	3.580972932
ENSMUSG00000095883	8.489422215	5.56493795	8.473812573	6.443661377	7.161945863
ENSMUSG00000095884	0	0	0	0	0
ENSMUSG00000095885	0	0	0	0	0
ENSMUSG00000095886	11.31922962	9.043024169	9.179963621	9.665492065	7.161945863
ENSMUSG00000095889	8.489422215	8.347406925	7.061510478	5.638203705	2.864778345
ENSMUSG00000095890	3.537259256	4.869320706	5.649208382	2.416373016	4.297167518
ENSMUSG00000095891	674.2016143	687.2698369	685.6726674	592.8168467	645.2913223
ENSMUSG00000095892	7.074518513	6.260555194	8.473812573	8.860034393	9.310529622
ENSMUSG00000095894	10.61177777	8.347406925	9.179963621	5.638203705	6.445751277
ENSMUSG00000095895	4.244711108	4.173703463	5.649208382	5.638203705	0.716194586
ENSMUSG00000095896	14.14903703	4.869320706	7.767661525	3.221830688	6.445751277
ENSMUSG00000095897	0	1.391234488	2.118453143	2.416373016	2.148583759
ENSMUSG00000095898	4.244711108	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000095899	6.367066661	5.56493795	7.767661525	3.221830688	4.297167518
ENSMUSG00000095900	7.781970364	0.695617244	5.649208382	4.02728836	4.297167518
ENSMUSG00000095901	11.31922962	7.651789682	7.767661525	8.860034393	6.445751277
ENSMUSG00000095902	0.707451851	1.391234488	3.530755239	0	2.148583759
ENSMUSG00000095903	6.367066661	6.260555194	11.29841676	4.832746033	6.445751277
ENSMUSG00000095905	7.074518513	4.173703463	10.59226572	1.610915344	5.729556691
ENSMUSG00000095906	4.244711108	4.173703463	3.530755239	2.416373016	3.580972932
ENSMUSG00000095907	6.367066661	6.956172438	7.061510478	3.221830688	8.594335036
ENSMUSG00000095908	5.65961481	9.738641413	8.473812573	9.665492065	6.445751277
ENSMUSG00000095909	4.952162959	2.782468975	8.473812573	8.054576721	5.729556691
ENSMUSG00000095910	9.904325918	9.738641413	7.767661525	9.665492065	6.445751277
ENSMUSG00000095911	0	0	0	0	0
ENSMUSG00000095912	12.73413332	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG00000095913	228.506948	242.7704181	233.7359968	253.7191667	216.2907651
ENSMUSG00000095914	16.27139258	15.30357936	4.236906287	5.638203705	6.445751277
ENSMUSG00000095915	0	0	0	0	0
ENSMUSG00000095916	14.14903703	5.56493795	7.061510478	4.02728836	9.310529622
ENSMUSG00000095917	5.65961481	5.56493795	7.061510478	6.443661377	7.161945863
ENSMUSG00000095918	9.196874066	6.956172438	7.061510478	8.054576721	5.729556691
ENSMUSG00000095920	2.829807405	3.478086219	3.530755239	4.02728836	2.148583759
ENSMUSG00000095922	11.31922962	11.82549314	15.53532305	7.249119049	11.45911338
ENSMUSG00000095923	4.952162959	4.173703463	8.473812573	4.02728836	5.013362104
ENSMUSG00000095924	0	0	0	0	0
ENSMUSG00000095925	9.904325918	8.347406925	13.41686991	8.860034393	7.161945863
ENSMUSG00000095926	8.489422215	5.56493795	3.530755239	4.832746033	7.161945863
ENSMUSG00000095927	4.244711108	5.56493795	4.943057334	1.610915344	4.297167518
ENSMUSG00000095928	9.904325918	8.347406925	7.767661525	5.638203705	5.013362104
ENSMUSG00000095929	13.44158517	4.869320706	5.649208382	6.443661377	6.445751277

ENSMUSG00000095931	18.39374813	7.651789682	4.943057334	5.638203705	8.594335036
ENSMUSG00000095932	9.196874066	6.260555194	12.00456781	5.638203705	9.310529622
ENSMUSG00000095933	7.074518513	8.347406925	7.061510478	4.02728836	5.729556691
ENSMUSG00000095937	12.02668147	10.43425866	7.767661525	8.860034393	5.729556691
ENSMUSG00000095938	0	0	0	0	0
ENSMUSG00000095939	7.781970364	6.260555194	7.767661525	7.249119049	11.45911338
ENSMUSG00000095940	0.707451851	2.782468975	0.706151048	0	2.148583759
ENSMUSG00000095941	7.781970364	6.956172438	7.061510478	5.638203705	9.310529622
ENSMUSG00000095942	9.196874066	8.347406925	2.824604191	7.249119049	7.87814045
ENSMUSG00000095943	13.44158517	9.043024169	7.061510478	10.47094974	15.7562809
ENSMUSG00000095944	12.73413332	8.347406925	6.35535943	7.249119049	8.594335036
ENSMUSG00000095945	0	0	0	0	0
ENSMUSG00000095946	6.367066661	7.651789682	7.061510478	5.638203705	6.445751277
ENSMUSG00000095947	6.367066661	15.99919661	8.473812573	5.638203705	7.161945863
ENSMUSG00000095951	16.97884443	6.956172438	8.473812573	6.443661377	4.297167518
ENSMUSG00000095952	19.10119998	11.1298759	16.2414741	6.443661377	8.594335036
ENSMUSG00000095953	8.489422215	9.043024169	8.473812573	7.249119049	7.161945863
ENSMUSG00000095954	6.367066661	4.173703463	7.767661525	6.443661377	5.729556691
ENSMUSG00000095955	23.34591109	13.21672763	21.18453143	10.47094974	14.32389173
ENSMUSG00000095956	7.074518513	8.347406925	4.236906287	8.860034393	5.729556691
ENSMUSG00000095957	8.489422215	3.478086219	4.236906287	4.832746033	4.297167518
ENSMUSG00000095959	10.61177777	9.043024169	7.061510478	10.47094974	6.445751277
ENSMUSG00000095960	12.02668147	2.086851731	4.943057334	4.832746033	5.013362104
ENSMUSG00000095961	12.02668147	9.043024169	7.061510478	5.638203705	7.161945863
ENSMUSG00000095962	13.44158517	2.086851731	5.649208382	6.443661377	4.297167518
ENSMUSG00000095963	12.02668147	5.56493795	7.061510478	4.832746033	3.580972932
ENSMUSG00000095964	6.367066661	6.260555194	4.943057334	4.832746033	2.148583759
ENSMUSG00000095965	0.707451851	3.478086219	2.824604191	2.416373016	0.716194586
ENSMUSG00000095966	0	0	0	0	0
ENSMUSG00000095968	5.65961481	2.086851731	4.236906287	1.610915344	5.729556691
ENSMUSG00000095969	3.537259256	5.56493795	8.473812573	7.249119049	4.297167518
ENSMUSG00000095970	9.904325918	6.260555194	7.767661525	4.02728836	7.161945863
ENSMUSG00000095971	5.65961481	5.56493795	11.29841676	4.832746033	1.432389173
ENSMUSG00000095972	5.65961481	10.43425866	9.886114669	4.832746033	4.297167518
ENSMUSG00000095973	6.367066661	3.478086219	6.35535943	6.443661377	3.580972932
ENSMUSG00000095974	13.44158517	9.738641413	15.53532305	8.860034393	11.45911338
ENSMUSG00000095977	100.4581629	157.9051143	144.7609648	52.35474869	55.86317773
ENSMUSG00000095978	9.904325918	9.738641413	7.767661525	7.249119049	7.161945863
ENSMUSG00000095980	14.14903703	4.869320706	12.00456781	7.249119049	6.445751277
ENSMUSG00000095981	3.537259256	3.478086219	7.061510478	7.249119049	8.594335036
ENSMUSG00000095982	15.56394073	15.99919661	16.2414741	10.47094974	10.02672421
ENSMUSG00000095983	8.489422215	15.99919661	5.649208382	9.665492065	6.445751277
ENSMUSG00000095984	13.44158517	4.173703463	2.824604191	2.416373016	4.297167518

ENSMUSG00000095985	7.781970364	8.347406925	2.118453143	8.860034393	5.729556691
ENSMUSG00000095986	196.6716147	277.5512803	246.4467157	261.7737434	187.6429816
ENSMUSG00000095987	11.31922962	9.043024169	7.061510478	4.832746033	7.87814045
ENSMUSG00000095988	0	0	0	0	0
ENSMUSG00000095989	6.367066661	8.347406925	4.236906287	4.02728836	5.013362104
ENSMUSG00000095991	11.31922962	6.260555194	4.236906287	7.249119049	5.013362104
ENSMUSG00000095993	9.196874066	8.347406925	5.649208382	7.249119049	7.87814045
ENSMUSG00000095994	2.829807405	4.173703463	2.118453143	2.416373016	5.013362104
ENSMUSG00000095997	0	0	0	0	0
ENSMUSG00000095998	5.65961481	5.56493795	7.767661525	7.249119049	4.297167518
ENSMUSG00000096000	9.904325918	10.43425866	4.236906287	4.02728836	6.445751277
ENSMUSG00000096002	9.904325918	6.956172438	6.35535943	4.02728836	8.594335036
ENSMUSG00000096005	13.44158517	9.738641413	6.35535943	2.416373016	10.7429188
ENSMUSG00000096006	12.02668147	10.43425866	6.35535943	11.27640741	9.310529622
ENSMUSG00000096007	0	0	0	0	0
ENSMUSG00000096008	5.65961481	4.173703463	2.118453143	2.416373016	3.580972932
ENSMUSG00000096009	7.074518513	4.173703463	9.886114669	4.02728836	4.297167518
ENSMUSG00000096011	9.904325918	0.695617244	9.179963621	4.02728836	5.013362104
ENSMUSG00000096015	0	0	0	0	0
ENSMUSG00000096017	8.489422215	4.173703463	4.236906287	4.832746033	6.445751277
ENSMUSG00000096018	11.31922962	6.956172438	9.886114669	7.249119049	5.013362104
ENSMUSG00000096019	3.537259256	0	0	3.221830688	2.864778345
ENSMUSG00000096020	12.02668147	7.651789682	6.35535943	8.860034393	9.310529622
ENSMUSG00000096021	4.952162959	10.43425866	3.530755239	5.638203705	7.161945863
ENSMUSG00000096022	3.537259256	3.478086219	0	7.249119049	1.432389173
ENSMUSG00000096025	7.074518513	6.260555194	7.767661525	2.416373016	7.87814045
ENSMUSG00000096027	0	0	0	0	0
ENSMUSG00000096028	0	0	0	0	0
ENSMUSG00000096030	4.952162959	6.956172438	10.59226572	11.27640741	9.310529622
ENSMUSG00000096031	12.73413332	7.651789682	7.767661525	4.832746033	3.580972932
ENSMUSG00000096033	9.904325918	9.738641413	4.943057334	8.860034393	7.161945863
ENSMUSG00000096037	0	0	0	0	0
ENSMUSG00000096038	10.61177777	8.347406925	9.886114669	7.249119049	3.580972932
ENSMUSG00000096039	4.952162959	11.82549314	7.767661525	12.88732275	5.729556691
ENSMUSG00000096041	0	0	0	0	0
ENSMUSG00000096042	9.196874066	9.738641413	9.886114669	4.832746033	4.297167518
ENSMUSG00000096043	11.31922962	9.043024169	9.886114669	4.832746033	5.013362104
ENSMUSG00000096044	10.61177777	8.347406925	4.943057334	3.221830688	7.87814045
ENSMUSG00000096046	0	0	0	0	0
ENSMUSG00000096047	11.31922962	8.347406925	7.767661525	8.054576721	5.729556691
ENSMUSG00000096048	9.196874066	2.782468975	4.943057334	0.805457672	1.432389173
ENSMUSG00000096049	12.73413332	9.738641413	7.767661525	6.443661377	7.87814045
ENSMUSG00000096051	7.074518513	7.651789682	4.943057334	4.832746033	7.87814045

ENSMUSG00000096052	28.29807405	39.6501829	28.24604191	118.4022778	120.3206905
ENSMUSG00000096053	0	0	0	0	0
ENSMUSG00000096055	10.61177777	8.347406925	4.943057334	5.638203705	5.013362104
ENSMUSG00000096056	4.244711108	4.869320706	4.943057334	4.02728836	3.580972932
ENSMUSG00000096057	8.489422215	4.869320706	5.649208382	2.416373016	2.864778345
ENSMUSG00000096061	3.537259256	9.043024169	10.59226572	6.443661377	7.161945863
ENSMUSG00000096065	29.0055259	38.95456565	35.30755239	19.33098413	32.22875639
ENSMUSG00000096066	9.196874066	9.043024169	14.829172	3.221830688	8.594335036
ENSMUSG00000096067	0	0	0	0	0
ENSMUSG00000096068	8.489422215	7.651789682	2.824604191	6.443661377	2.148583759
ENSMUSG00000096069	11.31922962	9.043024169	7.767661525	4.832746033	11.45911338
ENSMUSG00000096070	5.65961481	4.173703463	4.943057334	5.638203705	8.594335036
ENSMUSG00000096071	8.489422215	4.173703463	7.767661525	11.27640741	3.580972932
ENSMUSG00000096072	2.122355554	7.651789682	4.943057334	4.832746033	2.864778345
ENSMUSG00000096073	4.244711108	6.260555194	4.236906287	5.638203705	4.297167518
ENSMUSG00000096074	8.489422215	6.956172438	9.886114669	8.054576721	7.161945863
ENSMUSG00000096075	12.73413332	6.260555194	12.00456781	4.02728836	7.87814045
ENSMUSG00000096076	9.196874066	4.869320706	6.35535943	2.416373016	2.864778345
ENSMUSG00000096077	0	0	0	0	0
ENSMUSG00000096078	7.074518513	6.956172438	9.179963621	4.832746033	2.864778345
ENSMUSG00000096079	9.904325918	9.043024169	9.179963621	4.02728836	5.013362104
ENSMUSG00000096080	7.781970364	6.260555194	9.886114669	6.443661377	6.445751277
ENSMUSG00000096081	12.73413332	6.260555194	9.886114669	4.832746033	7.87814045
ENSMUSG00000096082	4.952162959	1.391234488	2.824604191	1.610915344	2.148583759
ENSMUSG00000096083	4.952162959	1.391234488	5.649208382	2.416373016	10.02672421
ENSMUSG00000096084	9.196874066	8.347406925	6.35535943	5.638203705	10.02672421
ENSMUSG00000096085	9.904325918	9.043024169	7.767661525	4.02728836	7.161945863
ENSMUSG00000096086	9.196874066	8.347406925	6.35535943	7.249119049	4.297167518
ENSMUSG00000096087	9.904325918	4.173703463	3.530755239	6.443661377	7.161945863
ENSMUSG00000096088	9.196874066	8.347406925	2.824604191	4.832746033	5.013362104
ENSMUSG00000096090	0	0	0	0	0
ENSMUSG00000096091	8.489422215	8.347406925	2.824604191	8.054576721	10.7429188
ENSMUSG00000096092	0	0	0	0	0
ENSMUSG00000096095	3.537259256	2.782468975	5.649208382	4.02728836	6.445751277
ENSMUSG00000096097	3.537259256	2.086851731	2.118453143	2.416373016	2.864778345
ENSMUSG00000096098	8.489422215	12.52111039	9.179963621	6.443661377	8.594335036
ENSMUSG00000096099	8.489422215	2.782468975	7.061510478	4.02728836	6.445751277
ENSMUSG00000096102	9.196874066	6.260555194	13.41686991	4.02728836	10.02672421
ENSMUSG00000096103	5.65961481	9.738641413	9.179963621	3.221830688	2.148583759
ENSMUSG00000096105	7.074518513	4.869320706	4.236906287	7.249119049	6.445751277
ENSMUSG00000096106	10.61177777	6.956172438	8.473812573	7.249119049	6.445751277
ENSMUSG00000096107	10.61177777	5.56493795	6.35535943	8.054576721	10.02672421
ENSMUSG00000096108	2.122355554	6.956172438	2.824604191	1.610915344	4.297167518

ENSMUSG00000096109	9.196874066	6.956172438	12.71071886	4.832746033	6.445751277
ENSMUSG00000096110	2.122355554	1.391234488	1.412302096	1.610915344	0.716194586
ENSMUSG00000096111	4.952162959	6.956172438	2.824604191	4.832746033	6.445751277
ENSMUSG00000096112	23.34591109	24.34660353	18.35992724	25.77464551	23.63442135
ENSMUSG00000096113	0	0	0	0	0
ENSMUSG00000096114	8.489422215	9.738641413	7.061510478	6.443661377	8.594335036
ENSMUSG00000096116	9.196874066	6.260555194	5.649208382	5.638203705	5.013362104
ENSMUSG00000096117	10.61177777	9.738641413	6.35535943	5.638203705	8.594335036
ENSMUSG00000096119	4.952162959	5.56493795	4.943057334	3.221830688	0.716194586
ENSMUSG00000096120	7.074518513	4.869320706	1.412302096	4.02728836	6.445751277
ENSMUSG00000096124	14.85648888	6.956172438	9.886114669	6.443661377	5.013362104
ENSMUSG00000096126	9.904325918	5.56493795	4.236906287	5.638203705	7.87814045
ENSMUSG00000096127	8.489422215	4.173703463	2.824604191	0.805457672	2.148583759
ENSMUSG00000096128	0	0	0	0	0
ENSMUSG00000096129	8.489422215	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG00000096130	8.489422215	9.043024169	5.649208382	2.416373016	4.297167518
ENSMUSG00000096131	9.196874066	2.782468975	8.473812573	5.638203705	5.729556691
ENSMUSG00000096132	0	0	0	0	0
ENSMUSG00000096133	8.489422215	6.260555194	7.061510478	4.02728836	6.445751277
ENSMUSG00000096134	0	0	0	0	0
ENSMUSG00000096135	2.122355554	1.391234488	4.236906287	1.610915344	2.148583759
ENSMUSG00000096136	0	0	0	0	0
ENSMUSG00000096137	2.122355554	2.782468975	4.943057334	0.805457672	3.580972932
ENSMUSG00000096139	13.44158517	2.782468975	7.061510478	7.249119049	10.7429188
ENSMUSG00000096140	4.952162959	4.869320706	6.35535943	6.443661377	5.729556691
ENSMUSG00000096142	9.904325918	11.82549314	9.886114669	8.054576721	9.310529622
ENSMUSG00000096146	5.65961481	9.043024169	9.179963621	4.832746033	5.729556691
ENSMUSG00000096147	7.781970364	6.956172438	6.35535943	5.638203705	9.310529622
ENSMUSG00000096148	3.537259256	2.086851731	3.530755239	0.805457672	5.013362104
ENSMUSG00000096150	12.73413332	10.43425866	5.649208382	4.832746033	7.87814045
ENSMUSG00000096151	9.904325918	9.738641413	9.179963621	4.02728836	2.864778345
ENSMUSG00000096152	13.44158517	9.043024169	7.767661525	10.47094974	7.87814045
ENSMUSG00000096156	16.27139258	29.21592424	22.59683353	25.77464551	24.35061594
ENSMUSG00000096157	7.781970364	9.738641413	6.35535943	5.638203705	4.297167518
ENSMUSG00000096158	9.196874066	8.347406925	6.35535943	1.610915344	7.161945863
ENSMUSG00000096159	6.367066661	4.173703463	4.236906287	4.02728836	10.02672421
ENSMUSG00000096160	9.196874066	8.347406925	4.943057334	7.249119049	11.45911338
ENSMUSG00000096161	0	0	0	0	0
ENSMUSG00000096163	12.73413332	6.956172438	8.473812573	10.47094974	5.729556691
ENSMUSG00000096164	14.14903703	3.478086219	5.649208382	4.02728836	3.580972932
ENSMUSG00000096166	7.781970364	9.043024169	9.179963621	6.443661377	5.729556691
ENSMUSG00000096167	6.367066661	9.043024169	10.59226572	2.416373016	6.445751277
ENSMUSG00000096168	13.44158517	11.82549314	7.767661525	4.02728836	6.445751277

ENSMUSG00000096169	7.781970364	6.260555194	7.061510478	6.443661377	4.297167518
ENSMUSG00000096170	0	0	0	0	0
ENSMUSG00000096171	9.904325918	6.956172438	7.767661525	9.665492065	5.013362104
ENSMUSG00000096172	12.02668147	9.043024169	9.179963621	8.860034393	12.17530797
ENSMUSG00000096173	12.02668147	8.347406925	12.00456781	11.27640741	8.594335036
ENSMUSG00000096174	8.489422215	8.347406925	10.59226572	8.054576721	11.45911338
ENSMUSG00000096176	3.537259256	2.086851731	0.706151048	2.416373016	0.716194586
ENSMUSG00000096177	11.31922962	11.82549314	13.41686991	8.860034393	12.89150255
ENSMUSG00000096179	9.196874066	2.782468975	4.943057334	4.832746033	5.013362104
ENSMUSG00000096180	14.85648888	8.347406925	14.829172	8.054576721	10.7429188
ENSMUSG00000096181	8.489422215	7.651789682	7.767661525	5.638203705	7.87814045
ENSMUSG00000096182	13.44158517	11.82549314	7.767661525	5.638203705	4.297167518
ENSMUSG00000096184	9.196874066	6.260555194	14.12302096	7.249119049	9.310529622
ENSMUSG00000096185	0	0	0	0	0
ENSMUSG00000096186	7.781970364	10.43425866	5.649208382	2.416373016	5.013362104
ENSMUSG00000096189	3.537259256	3.478086219	4.236906287	2.416373016	5.729556691
ENSMUSG00000096190	4.244711108	3.478086219	5.649208382	3.221830688	3.580972932
ENSMUSG00000096191	0.707451851	3.478086219	4.236906287	4.02728836	3.580972932
ENSMUSG00000096192	31.12788146	60.51870021	63.5535943	53.96566403	47.98503729
ENSMUSG00000096193	7.781970364	5.56493795	6.35535943	6.443661377	4.297167518
ENSMUSG00000096195	18.39374813	34.78086219	16.94762515	24.16373016	30.08017263
ENSMUSG00000096196	14.14903703	13.21672763	14.829172	8.054576721	10.02672421
ENSMUSG00000096198	9.196874066	4.869320706	7.061510478	4.02728836	7.87814045
ENSMUSG00000096199	53.05888884	75.12666233	61.43514116	91.01671695	74.48423698
ENSMUSG00000096200	7.781970364	8.347406925	5.649208382	8.054576721	4.297167518
ENSMUSG00000096201	589.3073921	614.2300263	591.754578	513.8819948	572.2394745
ENSMUSG00000096202	7.074518513	4.869320706	7.767661525	8.860034393	8.594335036
ENSMUSG00000096205	2.122355554	8.347406925	7.767661525	5.638203705	7.87814045
ENSMUSG00000096206	4.952162959	10.43425866	5.649208382	7.249119049	4.297167518
ENSMUSG00000096208	8.489422215	11.82549314	11.29841676	7.249119049	9.310529622
ENSMUSG00000096209	7.781970364	7.651789682	6.35535943	7.249119049	5.729556691
ENSMUSG00000096211	9.904325918	7.651789682	8.473812573	2.416373016	11.45911338
ENSMUSG00000096212	19.80865184	36.17209668	20.47838039	24.16373016	27.21539428
ENSMUSG00000096213	9.904325918	7.651789682	4.236906287	2.416373016	0.716194586
ENSMUSG00000096214	7.074518513	8.347406925	7.061510478	10.47094974	4.297167518
ENSMUSG00000096216	10.61177777	4.173703463	16.2414741	5.638203705	8.594335036
ENSMUSG00000096217	14.14903703	4.173703463	6.35535943	5.638203705	7.87814045
ENSMUSG00000096219	11.31922962	3.478086219	7.061510478	4.02728836	4.297167518
ENSMUSG00000096220	12.02668147	8.347406925	7.061510478	1.610915344	8.594335036
ENSMUSG00000096222	6.367066661	9.043024169	7.061510478	7.249119049	5.729556691
ENSMUSG00000096229	9.196874066	4.869320706	7.767661525	5.638203705	7.87814045
ENSMUSG00000096230	12.73413332	5.56493795	4.943057334	4.02728836	5.013362104
ENSMUSG00000096231	2.122355554	2.782468975	4.236906287	4.832746033	2.864778345

ENSMUSG00000096232	87.01657771	133.5585108	100.2734488	186.0607223	162.5761711
ENSMUSG00000096233	40.32475552	20.86851731	26.83373982	16.91461111	22.20203218
ENSMUSG00000096235	1.414903703	3.478086219	2.824604191	4.02728836	7.87814045
ENSMUSG00000096238	241.9485331	300.5066493	274.6927576	381.7869366	275.7349157
ENSMUSG00000096239	0	0	0	0	0
ENSMUSG00000096240	11.31922962	9.738641413	5.649208382	4.832746033	2.864778345
ENSMUSG00000096241	8.489422215	11.1298759	6.35535943	5.638203705	9.310529622
ENSMUSG00000096243	1.414903703	1.391234488	0.706151048	3.221830688	4.297167518
ENSMUSG00000096245	9.196874066	11.82549314	5.649208382	5.638203705	7.87814045
ENSMUSG00000096247	4.952162959	4.869320706	9.179963621	5.638203705	6.445751277
ENSMUSG00000096248	6.367066661	4.869320706	3.530755239	2.416373016	4.297167518
ENSMUSG00000096249	10.61177777	4.173703463	14.12302096	5.638203705	5.013362104
ENSMUSG00000096250	0	0.695617244	0	0.805457672	1.432389173
ENSMUSG00000096252	9.904325918	13.91234488	12.00456781	11.27640741	8.594335036
ENSMUSG00000096256	3.537259256	2.086851731	4.943057334	5.638203705	2.148583759
ENSMUSG00000096258	9.196874066	6.956172438	5.649208382	6.443661377	7.161945863
ENSMUSG00000096259	12.02668147	7.651789682	8.473812573	8.860034393	6.445751277
ENSMUSG00000096263	0	0	0	0	0
ENSMUSG00000096264	0	0	0	0	0
ENSMUSG00000096265	48.81417774	30.60715873	41.66291182	24.96918783	25.78300511
ENSMUSG00000096269	5.65961481	4.173703463	2.824604191	2.416373016	2.864778345
ENSMUSG00000096270	14.14903703	8.347406925	10.59226572	8.054576721	10.02672421
ENSMUSG00000096272	2.829807405	2.086851731	5.649208382	4.832746033	2.864778345
ENSMUSG00000096273	5.65961481	11.1298759	4.236906287	4.02728836	2.864778345
ENSMUSG00000096274	9.904325918	6.260555194	8.473812573	4.02728836	7.161945863
ENSMUSG00000096275	5.65961481	7.651789682	2.824604191	3.221830688	4.297167518
ENSMUSG00000096277	14.14903703	11.1298759	9.179963621	5.638203705	8.594335036
ENSMUSG00000096279	15.56394073	9.043024169	9.179963621	11.27640741	7.87814045
ENSMUSG00000096280	5.65961481	8.347406925	8.473812573	10.47094974	5.013362104
ENSMUSG00000096281	0	0	0	0	0
ENSMUSG00000096282	9.196874066	4.869320706	9.179963621	4.832746033	5.729556691
ENSMUSG00000096283	9.196874066	6.956172438	8.473812573	8.054576721	4.297167518
ENSMUSG00000096285	0	0	0	0	0
ENSMUSG00000096286	10.61177777	7.651789682	5.649208382	4.02728836	6.445751277
ENSMUSG00000096287	0	0	0	0	0
ENSMUSG00000096288	9.196874066	7.651789682	8.473812573	8.054576721	8.594335036
ENSMUSG00000096289	11.31922962	4.869320706	6.35535943	6.443661377	7.87814045
ENSMUSG00000096290	16.27139258	8.347406925	5.649208382	5.638203705	5.729556691
ENSMUSG00000096291	0	0	0	0	0
ENSMUSG00000096292	29.0055259	20.17290007	23.30298458	21.74735715	20.769643
ENSMUSG00000096293	4.952162959	7.651789682	7.061510478	1.610915344	3.580972932
ENSMUSG00000096295	14.14903703	7.651789682	7.061510478	4.832746033	6.445751277
ENSMUSG00000096296	0	0	0	0	0

ENSMUSG00000096297	5.65961481	7.651789682	9.179963621	3.221830688	10.02672421
ENSMUSG00000096298	8.489422215	12.52111039	8.473812573	4.832746033	5.729556691
ENSMUSG00000096299	7.781970364	12.52111039	5.649208382	4.832746033	8.594335036
ENSMUSG00000096300	0	0	0	0	0
ENSMUSG00000096301	0.707451851	0.695617244	0	2.416373016	0.716194586
ENSMUSG00000096302	8.489422215	6.956172438	11.29841676	4.02728836	11.45911338
ENSMUSG00000096303	14.85648888	6.260555194	7.767661525	6.443661377	9.310529622
ENSMUSG00000096304	14.14903703	6.260555194	12.00456781	8.054576721	7.87814045
ENSMUSG00000096305	12.73413332	6.260555194	7.767661525	7.249119049	8.594335036
ENSMUSG00000096306	0	0	0	0	0
ENSMUSG00000096307	0	0	0	0	0
ENSMUSG00000096308	4.952162959	2.782468975	5.649208382	0.805457672	5.013362104
ENSMUSG00000096309	15.56394073	9.738641413	10.59226572	1.610915344	6.445751277
ENSMUSG00000096310	31.83533331	50.08444155	52.25517753	33.82922223	33.66114556
ENSMUSG00000096311	7.781970364	2.086851731	11.29841676	4.832746033	4.297167518
ENSMUSG00000096312	7.781970364	2.086851731	4.943057334	4.02728836	8.594335036
ENSMUSG00000096313	7.781970364	2.782468975	5.649208382	3.221830688	1.432389173
ENSMUSG00000096314	9.196874066	5.56493795	13.41686991	4.832746033	8.594335036
ENSMUSG00000096318	2.122355554	0.695617244	2.118453143	1.610915344	0.716194586
ENSMUSG00000096320	7.074518513	6.260555194	4.943057334	1.610915344	5.729556691
ENSMUSG00000096322	8.489422215	3.478086219	9.179963621	6.443661377	5.013362104
ENSMUSG00000096323	9.904325918	11.1298759	10.59226572	12.08186508	5.729556691
ENSMUSG00000096324	0	0	0	0	0
ENSMUSG00000096326	9.904325918	3.478086219	3.530755239	7.249119049	4.297167518
ENSMUSG00000096327	2.829807405	2.086851731	4.236906287	0.805457672	2.148583759
ENSMUSG00000096328	0	0	0	0	0
ENSMUSG00000096329	7.781970364	9.043024169	12.71071886	8.054576721	8.594335036
ENSMUSG00000096331	13.44158517	3.478086219	8.473812573	2.416373016	8.594335036
ENSMUSG00000096332	4.952162959	3.478086219	6.35535943	1.610915344	3.580972932
ENSMUSG00000096335	0	0	0	0	0
ENSMUSG00000096336	14.85648888	14.60796212	18.35992724	11.27640741	15.04008631
ENSMUSG00000096337	16.97884443	9.043024169	14.12302096	4.832746033	9.310529622
ENSMUSG00000096338	4.244711108	0.695617244	6.35535943	0.805457672	3.580972932
ENSMUSG00000096339	13.44158517	6.956172438	6.35535943	2.416373016	5.013362104
ENSMUSG00000096340	10.61177777	9.043024169	5.649208382	3.221830688	7.87814045
ENSMUSG00000096341	12.02668147	6.956172438	5.649208382	8.860034393	10.7429188
ENSMUSG00000096342	4.952162959	10.43425866	6.35535943	8.054576721	6.445751277
ENSMUSG00000096343	0	0	0	0	0
ENSMUSG00000096346	17.68629628	27.12907251	18.35992724	12.88732275	18.62105924
ENSMUSG00000096347	9.904325918	10.43425866	9.179963621	8.860034393	10.02672421
ENSMUSG00000096348	16.97884443	5.56493795	8.473812573	5.638203705	4.297167518
ENSMUSG00000096349	21.93100739	35.47647943	28.24604191	36.24559524	40.10689684
ENSMUSG00000096350	70.03773327	93.90832791	95.33039145	53.16020636	63.74131818



ENSMUSG00000096352	9.904325918	6.260555194	4.943057334	7.249119049	6.445751277
ENSMUSG00000096353	10.61177777	6.260555194	9.179963621	8.054576721	2.864778345
ENSMUSG00000096354	37.49494812	20.17290007	21.89068248	21.74735715	20.05344842
ENSMUSG00000096355	5.65961481	9.043024169	4.943057334	4.832746033	4.297167518
ENSMUSG00000096356	8.489422215	11.1298759	13.41686991	6.443661377	3.580972932
ENSMUSG00000096357	37.49494812	60.51870021	51.54902649	25.77464551	23.63442135
ENSMUSG00000096358	0	0	0	0	0
ENSMUSG00000096359	0	0	0	0	0
ENSMUSG00000096360	0	0	0	0	0
ENSMUSG00000096361	10.61177777	13.21672763	8.473812573	33.82922223	17.90486466
ENSMUSG00000096362	2.829807405	6.956172438	4.236906287	4.02728836	4.297167518
ENSMUSG00000096363	12.02668147	7.651789682	5.649208382	6.443661377	10.02672421
ENSMUSG00000096365	9.196874066	11.1298759	4.236906287	4.832746033	2.864778345
ENSMUSG00000096366	6.367066661	2.782468975	9.886114669	4.02728836	2.148583759
ENSMUSG00000096367	0	0	0	0	0
ENSMUSG00000096368	9.196874066	6.260555194	6.35535943	9.665492065	7.161945863
ENSMUSG00000096371	7.781970364	4.869320706	7.767661525	1.610915344	4.297167518
ENSMUSG00000096372	14.14903703	14.60796212	9.886114669	9.665492065	10.02672421
ENSMUSG00000096373	10.61177777	6.956172438	9.179963621	7.249119049	9.310529622
ENSMUSG00000096374	2.122355554	4.869320706	2.824604191	8.054576721	3.580972932
ENSMUSG00000096375	5.65961481	8.347406925	2.118453143	4.02728836	7.161945863
ENSMUSG00000096376	6.367066661	4.869320706	2.118453143	7.249119049	3.580972932
ENSMUSG00000096377	7.781970364	2.782468975	6.35535943	11.27640741	9.310529622
ENSMUSG00000096379	6.367066661	4.869320706	11.29841676	2.416373016	2.864778345
ENSMUSG00000096380	13.44158517	9.043024169	10.59226572	6.443661377	0.716194586
ENSMUSG00000096381	13.44158517	3.478086219	6.35535943	8.054576721	6.445751277
ENSMUSG00000096383	9.904325918	4.869320706	4.236906287	6.443661377	9.310529622
ENSMUSG00000096384	14.14903703	9.738641413	11.29841676	5.638203705	8.594335036
ENSMUSG00000096385	918.2725029	985.6896344	932.1193831	851.3687594	939.6472973
ENSMUSG00000096386	14.85648888	6.260555194	9.179963621	3.221830688	2.864778345
ENSMUSG00000096387	0	0	0	0	0
ENSMUSG00000096388	11.31922962	11.82549314	6.35535943	7.249119049	6.445751277
ENSMUSG00000096390	0	0	0	0	0
ENSMUSG00000096391	7.074518513	4.173703463	3.530755239	11.27640741	5.729556691
ENSMUSG00000096392	0	0	0	0	0
ENSMUSG00000096396	0	0	0	0	0
ENSMUSG00000096398	12.02668147	8.347406925	8.473812573	4.02728836	12.89150255
ENSMUSG00000096399	8.489422215	7.651789682	10.59226572	4.02728836	6.445751277
ENSMUSG00000096400	8.489422215	4.869320706	6.35535943	9.665492065	5.729556691
ENSMUSG00000096401	85.601674	144.6883867	148.29172	133.7059736	146.8198902
ENSMUSG00000096402	12.02668147	5.56493795	9.886114669	4.832746033	6.445751277
ENSMUSG00000096406	0	0	0	0	0
ENSMUSG00000096407	5.65961481	2.782468975	4.236906287	3.221830688	5.729556691

ENSMUSG00000096408	7.074518513	4.869320706	7.061510478	4.02728836	7.161945863
ENSMUSG00000096409	5.65961481	11.82549314	6.35535943	4.832746033	6.445751277
ENSMUSG00000096410	8.489422215	4.173703463	6.35535943	7.249119049	4.297167518
ENSMUSG00000096411	13.44158517	5.56493795	3.530755239	5.638203705	8.594335036
ENSMUSG00000096412	11.31922962	5.56493795	5.649208382	6.443661377	5.729556691
ENSMUSG00000096413	5.65961481	6.260555194	5.649208382	4.02728836	2.148583759
ENSMUSG00000096414	15.56394073	6.260555194	12.00456781	10.47094974	11.45911338
ENSMUSG00000096415	4.952162959	9.043024169	7.061510478	12.88732275	8.594335036
ENSMUSG00000096420	0	0	0	0	0
ENSMUSG00000096421	7.074518513	4.869320706	4.943057334	9.665492065	5.729556691
ENSMUSG00000096422	19.10119998	16.69481385	14.12302096	12.88732275	18.62105924
ENSMUSG00000096423	5.65961481	5.56493795	4.236906287	8.860034393	5.729556691
ENSMUSG00000096424	7.781970364	2.782468975	8.473812573	2.416373016	4.297167518
ENSMUSG00000096425	6.367066661	8.347406925	8.473812573	7.249119049	5.729556691
ENSMUSG00000096427	14.14903703	6.956172438	9.886114669	2.416373016	3.580972932
ENSMUSG00000096429	11.31922962	11.82549314	4.943057334	7.249119049	5.013362104
ENSMUSG00000096430	0	0	0	0	0
ENSMUSG00000096431	5.65961481	2.086851731	3.530755239	0.805457672	2.864778345
ENSMUSG00000096432	8.489422215	4.869320706	9.886114669	11.27640741	10.7429188
ENSMUSG00000096434	5.65961481	7.651789682	14.829172	9.665492065	10.02672421
ENSMUSG00000096435	8.489422215	6.956172438	13.41686991	4.02728836	10.7429188
ENSMUSG00000096436	7.074518513	6.956172438	11.29841676	4.832746033	4.297167518
ENSMUSG00000096437	3.537259256	1.391234488	2.118453143	2.416373016	1.432389173
ENSMUSG00000096438	8.489422215	5.56493795	6.35535943	6.443661377	6.445751277
ENSMUSG00000096439	17.68629628	12.52111039	8.473812573	8.860034393	10.7429188
ENSMUSG00000096440	50.22908144	43.82388636	43.78136496	36.24559524	36.5259239
ENSMUSG00000096441	9.904325918	7.651789682	8.473812573	8.860034393	5.013362104
ENSMUSG00000096442	9.196874066	8.347406925	12.71071886	9.665492065	9.310529622
ENSMUSG00000096443	4.952162959	3.478086219	3.530755239	8.860034393	5.013362104
ENSMUSG00000096444	9.904325918	4.173703463	6.35535943	3.221830688	5.729556691
ENSMUSG00000096447	0	0	0	0	0
ENSMUSG00000096448	4.952162959	3.478086219	7.061510478	7.249119049	6.445751277
ENSMUSG00000096449	10.61177777	9.738641413	7.061510478	6.443661377	5.013362104
ENSMUSG00000096450	9.196874066	4.869320706	12.00456781	13.69278043	8.594335036
ENSMUSG00000096451	6.367066661	9.043024169	6.35535943	6.443661377	6.445751277
ENSMUSG00000096452	7.074518513	5.56493795	6.35535943	6.443661377	5.729556691
ENSMUSG00000096453	8.489422215	3.478086219	3.530755239	2.416373016	2.864778345
ENSMUSG00000096454	0	0	0	0	0
ENSMUSG00000096455	5.65961481	4.869320706	5.649208382	4.02728836	5.729556691
ENSMUSG00000096456	3.537259256	6.956172438	2.824604191	1.610915344	2.864778345
ENSMUSG00000096459	7.781970364	6.956172438	8.473812573	4.832746033	3.580972932
ENSMUSG00000096461	9.904325918	4.869320706	8.473812573	4.832746033	7.161945863
ENSMUSG00000096462	2.122355554	2.086851731	2.824604191	4.832746033	2.148583759

ENSMUSG00000096463	7.074518513	6.956172438	7.767661525	11.27640741	5.013362104
ENSMUSG00000096464	8.489422215	13.91234488	7.767661525	16.10915344	7.87814045
ENSMUSG00000096465	10.61177777	8.347406925	13.41686991	4.832746033	5.013362104
ENSMUSG00000096466	12.73413332	9.738641413	6.35535943	10.47094974	8.594335036
ENSMUSG00000096473	11.31922962	12.52111039	12.00456781	8.054576721	10.7429188
ENSMUSG00000096474	5.65961481	4.869320706	4.236906287	4.02728836	7.87814045
ENSMUSG00000096475	6.367066661	2.086851731	6.35535943	6.443661377	3.580972932
ENSMUSG00000096476	16.27139258	6.260555194	5.649208382	7.249119049	6.445751277
ENSMUSG00000096477	11.31922962	10.43425866	7.061510478	7.249119049	6.445751277
ENSMUSG00000096479	7.781970364	6.956172438	9.179963621	6.443661377	7.87814045
ENSMUSG00000096480	12.02668147	9.043024169	12.71071886	7.249119049	3.580972932
ENSMUSG00000096481	12.02668147	6.956172438	9.179963621	4.832746033	7.161945863
ENSMUSG00000096482	5.65961481	8.347406925	7.061510478	7.249119049	4.297167518
ENSMUSG00000096483	6.367066661	5.56493795	10.59226572	8.860034393	7.87814045
ENSMUSG00000096484	12.73413332	9.043024169	15.53532305	9.665492065	12.89150255
ENSMUSG00000096485	10.61177777	6.260555194	7.061510478	2.416373016	4.297167518
ENSMUSG00000096486	10.61177777	6.956172438	12.00456781	2.416373016	8.594335036
ENSMUSG00000096487	4.244711108	9.043024169	9.179963621	9.665492065	10.02672421
ENSMUSG00000096490	8.489422215	8.347406925	9.886114669	11.27640741	10.02672421
ENSMUSG00000096492	0	0	0	0	0
ENSMUSG00000096493	0	0	0	0	0
ENSMUSG00000096496	4.244711108	2.086851731	4.236906287	0.805457672	3.580972932
ENSMUSG00000096497	11.31922962	5.56493795	7.061510478	4.02728836	5.729556691
ENSMUSG00000096498	4.244711108	3.478086219	4.943057334	4.02728836	5.013362104
ENSMUSG00000096499	0	0.695617244	0	0	0
ENSMUSG00000096500	5.65961481	8.347406925	4.943057334	3.221830688	9.310529622
ENSMUSG00000096502	3.537259256	4.173703463	1.412302096	3.221830688	2.148583759
ENSMUSG00000096504	2.829807405	0.695617244	4.943057334	0	0
ENSMUSG00000096505	10.61177777	6.260555194	4.943057334	3.221830688	5.729556691
ENSMUSG00000096507	7.781970364	9.738641413	9.886114669	10.47094974	6.445751277
ENSMUSG00000096510	11.31922962	9.043024169	11.29841676	7.249119049	9.310529622
ENSMUSG00000096512	0	0	0	0	0
ENSMUSG00000096513	11.31922962	4.173703463	9.886114669	6.443661377	3.580972932
ENSMUSG00000096514	7.074518513	5.56493795	4.943057334	7.249119049	7.161945863
ENSMUSG00000096515	13.44158517	6.956172438	4.943057334	4.02728836	5.729556691
ENSMUSG00000096516	8.489422215	7.651789682	9.886114669	4.02728836	7.161945863
ENSMUSG00000096517	44.56946663	57.73623123	55.07978173	49.132918	42.25548059
ENSMUSG00000096518	7.074518513	6.260555194	7.767661525	4.02728836	2.864778345
ENSMUSG00000096519	818.5217919	852.1311236	833.2582364	754.7138388	790.6788233
ENSMUSG00000096521	14.14903703	14.60796212	18.35992724	8.860034393	14.32389173
ENSMUSG00000096522	9.196874066	6.260555194	4.943057334	5.638203705	3.580972932
ENSMUSG00000096523	9.196874066	11.1298759	4.236906287	4.02728836	6.445751277
ENSMUSG00000096524	9.904325918	4.869320706	5.649208382	3.221830688	5.729556691

ENSMUSG00000096529	9.904325918	9.043024169	7.061510478	4.02728836	5.729556691
ENSMUSG00000096531	9.196874066	11.82549314	9.179963621	7.249119049	6.445751277
ENSMUSG00000096532	6.367066661	5.56493795	5.649208382	3.221830688	2.148583759
ENSMUSG00000096533	3.537259256	3.478086219	2.824604191	2.416373016	6.445751277
ENSMUSG00000096535	9.196874066	6.956172438	4.943057334	3.221830688	10.02672421
ENSMUSG00000096536	7.781970364	8.347406925	7.061510478	2.416373016	6.445751277
ENSMUSG00000096538	2.829807405	10.43425866	9.179963621	1.610915344	2.864778345
ENSMUSG00000096539	4.244711108	2.782468975	6.35535943	3.221830688	1.432389173
ENSMUSG00000096541	15.56394073	8.347406925	8.473812573	6.443661377	6.445751277
ENSMUSG00000096544	12.73413332	12.52111039	16.94762515	22.55281482	16.47247549
ENSMUSG00000096545	4.244711108	6.956172438	8.473812573	3.221830688	6.445751277
ENSMUSG00000096547	62.96321476	90.43024169	89.68118307	70.07481747	53.71459398
ENSMUSG00000096549	0	0	2.118453143	0	0.716194586
ENSMUSG00000096551	8.489422215	4.173703463	12.71071886	11.27640741	9.310529622
ENSMUSG00000096554	10.61177777	6.260555194	6.35535943	9.665492065	5.013362104
ENSMUSG00000096555	7.781970364	6.260555194	7.767661525	9.665492065	7.161945863
ENSMUSG00000096557	9.904325918	8.347406925	7.061510478	7.249119049	5.013362104
ENSMUSG00000096558	2.122355554	0	0.706151048	0.805457672	2.148583759
ENSMUSG00000096559	9.196874066	7.651789682	12.71071886	11.27640741	13.60769714
ENSMUSG00000096560	7.781970364	7.651789682	7.061510478	7.249119049	8.594335036
ENSMUSG00000096561	7.781970364	11.1298759	6.35535943	4.832746033	6.445751277
ENSMUSG00000096563	1.414903703	1.391234488	0	0	0
ENSMUSG00000096564	7.074518513	8.347406925	9.179963621	5.638203705	5.013362104
ENSMUSG00000096565	0	0	0	0	0
ENSMUSG00000096566	7.781970364	8.347406925	9.179963621	6.443661377	5.013362104
ENSMUSG00000096567	6.367066661	9.738641413	12.00456781	8.054576721	11.45911338
ENSMUSG00000096568	1.414903703	2.086851731	0.706151048	1.610915344	0.716194586
ENSMUSG00000096577	5.65961481	10.43425866	5.649208382	2.416373016	2.148583759
ENSMUSG00000096578	12.02668147	9.043024169	11.29841676	7.249119049	10.02672421
ENSMUSG00000096579	9.904325918	9.738641413	10.59226572	5.638203705	3.580972932
ENSMUSG00000096580	7.781970364	6.260555194	4.236906287	4.02728836	7.87814045
ENSMUSG00000096582	2.829807405	1.391234488	2.118453143	2.416373016	2.864778345
ENSMUSG00000096583	0	0	0	0	0
ENSMUSG00000096584	13.44158517	10.43425866	4.236906287	5.638203705	6.445751277
ENSMUSG00000096585	9.904325918	7.651789682	7.061510478	6.443661377	5.729556691
ENSMUSG00000096586	11.31922962	7.651789682	12.00456781	7.249119049	7.161945863
ENSMUSG00000096587	0	0	0	0	0
ENSMUSG00000096589	7.074518513	2.782468975	0.706151048	5.638203705	2.864778345
ENSMUSG00000096591	1.414903703	2.782468975	0	2.416373016	2.864778345
ENSMUSG00000096592	12.73413332	11.1298759	12.00456781	21.74735715	10.7429188
ENSMUSG00000096593	20.51610369	4.173703463	14.829172	8.054576721	7.87814045
ENSMUSG00000096594	5.65961481	9.738641413	8.473812573	1.610915344	10.7429188
ENSMUSG00000096595	0	0	0	0	0

ENSMUSG00000096596	4.244711108	6.260555194	5.649208382	2.416373016	2.864778345
ENSMUSG00000096597	9.904325918	4.869320706	9.886114669	6.443661377	10.02672421
ENSMUSG00000096598	13.44158517	8.347406925	7.767661525	6.443661377	5.013362104
ENSMUSG00000096599	0	0	0	0	0
ENSMUSG00000096601	7.074518513	4.869320706	2.118453143	5.638203705	5.013362104
ENSMUSG00000096602	0	0	0	0	0
ENSMUSG00000096604	8.489422215	1.391234488	5.649208382	2.416373016	1.432389173
ENSMUSG00000096605	0	0	0	0	0
ENSMUSG00000096610	12.73413332	4.869320706	9.886114669	6.443661377	9.310529622
ENSMUSG00000096612	12.73413332	9.738641413	4.943057334	6.443661377	3.580972932
ENSMUSG00000096613	0	0	0	0	0
ENSMUSG00000096614	5.65961481	4.173703463	8.473812573	4.832746033	5.013362104
ENSMUSG00000096615	5.65961481	3.478086219	7.061510478	2.416373016	1.432389173
ENSMUSG00000096617	0	0	0	0	0
ENSMUSG00000096618	11.31922962	7.651789682	6.35535943	8.054576721	5.729556691
ENSMUSG00000096619	7.074518513	9.738641413	7.767661525	8.860034393	7.161945863
ENSMUSG00000096621	9.904325918	9.043024169	4.943057334	6.443661377	20.05344842
ENSMUSG00000096623	9.196874066	15.99919661	14.12302096	12.08186508	12.17530797
ENSMUSG00000096624	0	0	0	0	0
ENSMUSG00000096627	9.196874066	8.347406925	6.35535943	3.221830688	7.161945863
ENSMUSG00000096628	3.537259256	3.478086219	5.649208382	0.805457672	2.148583759
ENSMUSG00000096630	13.44158517	7.651789682	6.35535943	4.02728836	5.729556691
ENSMUSG00000096631	14.14903703	25.04222078	24.71528667	7.249119049	19.33725383
ENSMUSG00000096632	8.489422215	6.956172438	9.886114669	5.638203705	10.02672421
ENSMUSG00000096633	7.781970364	7.651789682	7.767661525	6.443661377	5.729556691
ENSMUSG00000096634	2.122355554	1.391234488	4.236906287	4.02728836	1.432389173
ENSMUSG00000096635	8.489422215	6.956172438	7.061510478	4.832746033	10.02672421
ENSMUSG00000096638	3.537259256	4.173703463	3.530755239	0.805457672	2.864778345
ENSMUSG00000096639	7.781970364	9.043024169	8.473812573	4.832746033	2.864778345
ENSMUSG00000096642	15.56394073	13.21672763	7.061510478	8.054576721	4.297167518
ENSMUSG00000096645	7.074518513	2.086851731	7.061510478	4.02728836	2.864778345
ENSMUSG00000096647	11.31922962	21.56413456	9.179963621	9.665492065	11.45911338
ENSMUSG00000096648	0	0	0	0	0
ENSMUSG00000096649	5.65961481	6.260555194	6.35535943	3.221830688	3.580972932
ENSMUSG00000096651	0	0	0	0	0
ENSMUSG00000096652	8.489422215	7.651789682	8.473812573	7.249119049	7.161945863
ENSMUSG00000096654	7.781970364	11.82549314	11.29841676	9.665492065	8.594335036
ENSMUSG00000096655	18.39374813	39.6501829	26.12758877	52.35474869	34.37734014
ENSMUSG00000096657	6.367066661	4.869320706	5.649208382	1.610915344	2.864778345
ENSMUSG00000096659	9.904325918	10.43425866	7.061510478	2.416373016	6.445751277
ENSMUSG00000096660	10.61177777	9.738641413	9.886114669	8.054576721	8.594335036
ENSMUSG00000096661	4.244711108	5.56493795	7.767661525	2.416373016	5.013362104
ENSMUSG00000096662	20.51610369	4.869320706	10.59226572	4.02728836	10.02672421

ENSMUSG00000096663	16.97884443	4.173703463	7.767661525	6.443661377	2.864778345
ENSMUSG00000096667	29.0055259	21.56413456	21.89068248	30.60739154	22.91822676
ENSMUSG00000096668	16.27139258	9.043024169	9.179963621	10.47094974	10.7429188
ENSMUSG00000096670	2.122355554	3.478086219	1.412302096	2.416373016	6.445751277
ENSMUSG00000096672	10.61177777	4.869320706	4.236906287	4.02728836	2.864778345
ENSMUSG00000096673	9.904325918	7.651789682	4.236906287	4.02728836	5.013362104
ENSMUSG00000096675	7.781970364	12.52111039	5.649208382	5.638203705	8.594335036
ENSMUSG00000096676	11.31922962	4.869320706	8.473812573	5.638203705	6.445751277
ENSMUSG00000096677	4.952162959	2.086851731	5.649208382	4.832746033	3.580972932
ENSMUSG00000096679	16.27139258	6.956172438	4.943057334	4.832746033	6.445751277
ENSMUSG00000096681	12.73413332	8.347406925	7.767661525	9.665492065	5.013362104
ENSMUSG00000096682	9.904325918	9.043024169	5.649208382	7.249119049	7.161945863
ENSMUSG00000096683	0	0	0	0	0
ENSMUSG00000096684	38.90985182	54.25814501	42.36906287	102.2931244	76.63282074
ENSMUSG00000096689	4.244711108	10.43425866	3.530755239	8.054576721	4.297167518
ENSMUSG00000096690	12.02668147	3.478086219	10.59226572	4.832746033	5.729556691
ENSMUSG00000096691	14.14903703	9.043024169	10.59226572	6.443661377	6.445751277
ENSMUSG00000096692	6.367066661	9.738641413	8.473812573	8.054576721	5.729556691
ENSMUSG00000096694	7.781970364	4.173703463	6.35535943	6.443661377	3.580972932
ENSMUSG00000096695	5.65961481	6.260555194	5.649208382	3.221830688	5.729556691
ENSMUSG00000096698	4.952162959	6.260555194	4.943057334	0	3.580972932
ENSMUSG00000096699	23.34591109	27.82468975	33.18909925	49.93837567	47.98503729
ENSMUSG00000096701	8.489422215	6.260555194	9.886114669	8.054576721	7.161945863
ENSMUSG00000096702	16.27139258	9.738641413	7.767661525	4.02728836	7.87814045
ENSMUSG00000096703	14.14903703	9.738641413	7.061510478	3.221830688	10.7429188
ENSMUSG00000096704	8.489422215	6.260555194	7.061510478	4.832746033	10.02672421
ENSMUSG00000096705	7.781970364	2.086851731	9.886114669	5.638203705	3.580972932
ENSMUSG00000096707	12.73413332	9.738641413	7.061510478	8.860034393	4.297167518
ENSMUSG00000096708	6.367066661	12.52111039	9.886114669	3.221830688	2.864778345
ENSMUSG00000096709	14.85648888	3.478086219	9.179963621	5.638203705	6.445751277
ENSMUSG00000096710	0	0	0	0	0
ENSMUSG00000096711	3.537259256	2.782468975	3.530755239	3.221830688	2.148583759
ENSMUSG00000096712	2.122355554	1.391234488	4.236906287	3.221830688	5.729556691
ENSMUSG00000096713	5.65961481	3.478086219	2.118453143	6.443661377	6.445751277
ENSMUSG00000096714	7.781970364	11.82549314	9.886114669	8.054576721	5.013362104
ENSMUSG00000096715	9.196874066	12.52111039	12.71071886	8.860034393	7.87814045
ENSMUSG00000096716	2.122355554	2.086851731	3.530755239	8.054576721	3.580972932
ENSMUSG00000096717	2.829807405	4.173703463	9.179963621	8.054576721	5.013362104
ENSMUSG00000096718	24.76081479	37.56333116	26.83373982	24.16373016	22.20203218
ENSMUSG00000096721	9.196874066	8.347406925	5.649208382	6.443661377	6.445751277
ENSMUSG00000096722	7.074518513	9.738641413	8.473812573	5.638203705	7.161945863
ENSMUSG00000096724	8.489422215	2.782468975	6.35535943	7.249119049	3.580972932
ENSMUSG00000096726	12.73413332	6.260555194	11.29841676	6.443661377	10.7429188

ENSMUSG00000096729	14.85648888	9.043024169	9.179963621	9.665492065	13.60769714
ENSMUSG00000096731	9.196874066	7.651789682	7.061510478	5.638203705	8.594335036
ENSMUSG00000096732	9.904325918	6.260555194	12.00456781	8.054576721	9.310529622
ENSMUSG00000096733	6.367066661	4.173703463	8.473812573	1.610915344	3.580972932
ENSMUSG00000096734	3.537259256	4.869320706	7.767661525	4.832746033	3.580972932
ENSMUSG00000096735	10.61177777	11.82549314	9.886114669	8.054576721	10.02672421
ENSMUSG00000096736	769.0001623	804.8291511	773.2353973	699.942717	771.3415695
ENSMUSG00000096737	10.61177777	4.869320706	4.236906287	6.443661377	4.297167518
ENSMUSG00000096738	10.61177777	8.347406925	8.473812573	7.249119049	5.013362104
ENSMUSG00000096741	7.781970364	6.956172438	3.530755239	6.443661377	8.594335036
ENSMUSG00000096743	12.02668147	6.260555194	12.00456781	5.638203705	7.87814045
ENSMUSG00000096745	12.73413332	4.173703463	12.00456781	4.832746033	10.7429188
ENSMUSG00000096747	14.14903703	9.043024169	6.35535943	5.638203705	7.161945863
ENSMUSG00000096748	0	0	0	0	0
ENSMUSG00000096749	8.489422215	4.173703463	3.530755239	7.249119049	5.729556691
ENSMUSG00000096751	0	0	0	0	0
ENSMUSG00000096755	4.244711108	4.869320706	5.649208382	2.416373016	2.864778345
ENSMUSG00000096757	6.367066661	6.260555194	4.943057334	4.832746033	5.729556691
ENSMUSG00000096758	7.074518513	9.043024169	9.886114669	4.832746033	10.02672421
ENSMUSG00000096759	4.952162959	2.782468975	4.943057334	4.832746033	6.445751277
ENSMUSG00000096760	11.31922962	5.56493795	4.943057334	5.638203705	5.013362104
ENSMUSG00000096761	16.27139258	4.173703463	4.943057334	8.054576721	6.445751277
ENSMUSG00000096763	5.65961481	1.391234488	2.824604191	0.805457672	1.432389173
ENSMUSG00000096765	0	0	0	0	0
ENSMUSG00000096766	23.34591109	34.08524495	28.24604191	45.10562964	42.97167518
ENSMUSG00000096767	9.196874066	9.043024169	6.35535943	6.443661377	7.161945863
ENSMUSG00000096771	7.074518513	2.782468975	2.118453143	3.221830688	4.297167518
ENSMUSG00000096772	16.27139258	9.043024169	6.35535943	8.054576721	5.729556691
ENSMUSG00000096773	8.489422215	7.651789682	6.35535943	4.02728836	4.297167518
ENSMUSG00000096774	9.904325918	9.738641413	11.29841676	9.665492065	9.310529622
ENSMUSG00000096777	7.781970364	3.478086219	2.824604191	0	4.297167518
ENSMUSG00000096779	14.14903703	6.956172438	8.473812573	6.443661377	9.310529622
ENSMUSG00000096780	35.37259256	29.21592424	39.54445867	17.72006879	15.04008631
ENSMUSG00000096782	0	0	0	0	0
ENSMUSG00000096784	7.074518513	4.173703463	6.35535943	3.221830688	5.729556691
ENSMUSG00000096785	0	0	0	0	0
ENSMUSG00000096786	9.196874066	5.56493795	3.530755239	6.443661377	5.013362104
ENSMUSG00000096789	7.781970364	9.043024169	12.71071886	8.860034393	5.729556691
ENSMUSG00000096790	6.367066661	6.260555194	7.767661525	4.02728836	0.716194586
ENSMUSG00000096791	9.904325918	6.956172438	9.886114669	5.638203705	8.594335036
ENSMUSG00000096792	7.074518513	6.260555194	10.59226572	6.443661377	9.310529622
ENSMUSG00000096795	12.02668147	13.91234488	21.18453143	13.69278043	12.89150255
ENSMUSG00000096797	14.14903703	9.738641413	11.29841676	11.27640741	15.7562809

ENSMUSG00000096799	0	0	0	0	0
ENSMUSG00000096800	17.68629628	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000096801	23.34591109	38.95456565	19.06607829	29.80193387	29.36397804
ENSMUSG00000096802	26.88317035	24.34660353	26.12758877	22.55281482	30.79636721
ENSMUSG00000096803	9.904325918	5.56493795	6.35535943	10.47094974	7.161945863
ENSMUSG00000096804	7.074518513	9.738641413	9.179963621	4.02728836	5.729556691
ENSMUSG00000096805	5.65961481	3.478086219	4.943057334	4.02728836	1.432389173
ENSMUSG00000096806	11.31922962	9.738641413	5.649208382	6.443661377	5.729556691
ENSMUSG00000096807	5.65961481	8.347406925	4.943057334	11.27640741	7.87814045
ENSMUSG00000096809	20.51610369	23.65098629	15.53532305	14.4982381	20.769643
ENSMUSG00000096810	13.44158517	6.956172438	8.473812573	8.054576721	5.729556691
ENSMUSG00000096811	0	0	0	0	0
ENSMUSG00000096812	0	0	0	0	0
ENSMUSG00000096813	9.904325918	5.56493795	2.118453143	4.832746033	2.864778345
ENSMUSG00000096814	0	0	0	0	0
ENSMUSG00000096815	9.196874066	6.956172438	10.59226572	6.443661377	6.445751277
ENSMUSG00000096817	9.904325918	11.1298759	14.829172	8.860034393	10.02672421
ENSMUSG00000096818	0.707451851	2.782468975	5.649208382	1.610915344	1.432389173
ENSMUSG00000096820	7.074518513	6.260555194	2.824604191	2.416373016	3.580972932
ENSMUSG00000096821	0	0	0	0	0
ENSMUSG00000096822	4.244711108	6.260555194	7.767661525	2.416373016	5.729556691
ENSMUSG00000096823	7.074518513	4.869320706	9.886114669	4.02728836	4.297167518
ENSMUSG00000096824	3.537259256	6.260555194	3.530755239	2.416373016	4.297167518
ENSMUSG00000096825	12.73413332	7.651789682	5.649208382	4.02728836	7.161945863
ENSMUSG00000096827	9.904325918	6.260555194	7.767661525	5.638203705	10.02672421
ENSMUSG00000096828	13.44158517	6.260555194	4.236906287	12.08186508	4.297167518
ENSMUSG00000096829	7.781970364	4.869320706	4.943057334	8.054576721	8.594335036
ENSMUSG00000096830	7.781970364	10.43425866	6.35535943	5.638203705	5.729556691
ENSMUSG00000096831	1.414903703	3.478086219	2.824604191	0.805457672	0
ENSMUSG00000096832	9.196874066	18.08604834	12.71071886	146.5932963	74.48423698
ENSMUSG00000096833	4.244711108	12.52111039	6.35535943	3.221830688	6.445751277
ENSMUSG00000096835	0	0	0	0	0
ENSMUSG00000096837	9.904325918	12.52111039	6.35535943	6.443661377	7.161945863
ENSMUSG00000096838	7.074518513	4.173703463	8.473812573	4.832746033	2.148583759
ENSMUSG00000096840	10.61177777	6.956172438	7.061510478	5.638203705	5.729556691
ENSMUSG00000096841	63.67066661	98.08203137	88.26888097	63.6311561	56.57937232
ENSMUSG00000096842	12.02668147	6.956172438	7.767661525	8.860034393	8.594335036
ENSMUSG00000096844	9.904325918	4.173703463	7.061510478	6.443661377	6.445751277
ENSMUSG00000096845	2.829807405	3.478086219	2.824604191	7.249119049	5.013362104
ENSMUSG00000096848	7.074518513	7.651789682	9.886114669	7.249119049	10.02672421
ENSMUSG00000096849	6.367066661	6.956172438	8.473812573	8.860034393	12.89150255
ENSMUSG00000096850	0.707451851	6.260555194	52.96132858	4.02728836	2.864778345
ENSMUSG00000096851	6.367066661	6.260555194	7.061510478	7.249119049	9.310529622



ENSMUSG00000096853	7.781970364	11.1298759	3.530755239	4.02728836	3.580972932
ENSMUSG00000096855	0	0	0	0	0
ENSMUSG00000096857	13.44158517	5.56493795	5.649208382	4.832746033	9.310529622
ENSMUSG00000096858	13.44158517	5.56493795	7.061510478	3.221830688	3.580972932
ENSMUSG00000096859	14.14903703	9.738641413	10.59226572	4.832746033	6.445751277
ENSMUSG00000096860	9.196874066	7.651789682	12.00456781	10.47094974	5.729556691
ENSMUSG00000096861	4.244711108	4.173703463	3.530755239	1.610915344	3.580972932
ENSMUSG00000096862	7.074518513	4.173703463	7.767661525	4.832746033	4.297167518
ENSMUSG00000096863	6.367066661	7.651789682	8.473812573	6.443661377	5.013362104
ENSMUSG00000096864	26.1757185	29.91154148	27.53989086	12.08186508	23.63442135
ENSMUSG00000096865	4.952162959	0.695617244	3.530755239	0.805457672	2.148583759
ENSMUSG00000096866	13.44158517	6.260555194	7.061510478	6.443661377	2.864778345
ENSMUSG00000096868	6.367066661	3.478086219	9.179963621	3.221830688	4.297167518
ENSMUSG00000096870	8.489422215	4.869320706	9.179963621	8.054576721	7.161945863
ENSMUSG00000096871	16.97884443	4.869320706	4.943057334	5.638203705	8.594335036
ENSMUSG00000096874	9.196874066	4.173703463	5.649208382	4.832746033	5.013362104
ENSMUSG00000096875	11.31922962	4.869320706	8.473812573	2.416373016	3.580972932
ENSMUSG00000096876	7.781970364	3.478086219	9.179963621	5.638203705	8.594335036
ENSMUSG00000096877	2.829807405	4.173703463	1.412302096	0.805457672	0.716194586
ENSMUSG00000096878	11.31922962	6.956172438	10.59226572	8.054576721	7.87814045
ENSMUSG00000096879	8.489422215	6.260555194	3.530755239	10.47094974	9.310529622
ENSMUSG00000096880	0	0	0	0	0
ENSMUSG00000096881	4.952162959	10.43425866	7.767661525	2.416373016	6.445751277
ENSMUSG00000096882	11.31922962	9.738641413	8.473812573	7.249119049	5.013362104
ENSMUSG00000096884	0	0	0	0	0
ENSMUSG00000096885	4.952162959	4.869320706	3.530755239	2.416373016	3.580972932
ENSMUSG00000096889	0	0	0	0	0
ENSMUSG00000096890	9.196874066	6.956172438	11.29841676	1.610915344	9.310529622
ENSMUSG00000096891	10.61177777	10.43425866	5.649208382	8.054576721	6.445751277
ENSMUSG00000096893	2.829807405	3.478086219	1.412302096	1.610915344	2.148583759
ENSMUSG00000096894	0	0	0	0	0
ENSMUSG00000096895	8.489422215	5.56493795	3.530755239	6.443661377	8.594335036
ENSMUSG00000096896	11.31922962	8.347406925	12.00456781	8.860034393	7.87814045
ENSMUSG00000096897	3.537259256	2.086851731	1.412302096	0	2.864778345
ENSMUSG00000096899	2.122355554	6.260555194	4.236906287	4.02728836	5.729556691
ENSMUSG00000096903	12.73413332	6.260555194	4.236906287	4.832746033	3.580972932
ENSMUSG00000096905	9.904325918	7.651789682	8.473812573	6.443661377	5.013362104
ENSMUSG00000096906	4.244711108	6.260555194	6.35535943	4.02728836	3.580972932
ENSMUSG00000096907	4.952162959	2.086851731	6.35535943	2.416373016	3.580972932
ENSMUSG00000096910	58.71850365	67.47487265	77.67661525	85.37851324	79.49759908
ENSMUSG00000096911	3.537259256	2.782468975	7.767661525	5.638203705	2.148583759
ENSMUSG00000096912	8.489422215	7.651789682	7.767661525	7.249119049	8.594335036
ENSMUSG00000096913	3.537259256	6.956172438	4.236906287	4.02728836	5.729556691

ENSMUSG00000096914	7.781970364	6.956172438	7.061510478	5.638203705	8.594335036
ENSMUSG00000096915	3.537259256	5.56493795	3.530755239	4.832746033	1.432389173
ENSMUSG00000096917	13.44158517	21.56413456	22.59683353	25.77464551	22.91822676
ENSMUSG00000096918	9.196874066	5.56493795	7.061510478	7.249119049	6.445751277
ENSMUSG00000096919	4.952162959	3.478086219	8.473812573	4.02728836	2.148583759
ENSMUSG00000096920	12.02668147	5.56493795	11.29841676	10.47094974	10.02672421
ENSMUSG00000096921	7.781970364	6.260555194	9.886114669	6.443661377	10.02672421
ENSMUSG00000096922	6.367066661	11.1298759	8.473812573	3.221830688	5.013362104
ENSMUSG00000096923	107.5326814	137.7322143	121.4579802	144.982381	141.8065281
ENSMUSG00000096924	17.68629628	4.173703463	12.71071886	4.832746033	5.729556691
ENSMUSG00000096926	12.73413332	15.99919661	21.18453143	18.52552646	17.90486466
ENSMUSG00000096927	11.31922962	6.260555194	8.473812573	8.054576721	7.161945863
ENSMUSG00000096929	31.12788146	51.47567604	48.7244223	39.46742593	33.66114556
ENSMUSG00000096931	5.65961481	8.347406925	8.473812573	10.47094974	11.45911338
ENSMUSG00000096932	77.11225179	100.8645003	88.97503202	101.4876667	87.37573953
ENSMUSG00000096934	12.02668147	6.956172438	6.35535943	4.02728836	5.729556691
ENSMUSG00000096935	11.31922962	9.738641413	8.473812573	16.10915344	11.45911338
ENSMUSG00000096936	9.196874066	6.260555194	4.236906287	4.02728836	5.729556691
ENSMUSG00000096937	9.904325918	11.1298759	9.886114669	8.860034393	12.17530797
ENSMUSG00000096938	49.52162959	75.12666233	79.7950684	52.35474869	40.82309142
ENSMUSG00000096939	4.952162959	8.347406925	5.649208382	8.860034393	6.445751277
ENSMUSG00000096940	9.196874066	9.738641413	13.41686991	12.08186508	10.7429188
ENSMUSG00000096941	9.196874066	11.1298759	9.886114669	5.638203705	8.594335036
ENSMUSG00000096942	14.14903703	14.60796212	10.59226572	18.52552646	15.7562809
ENSMUSG00000096943	6.367066661	5.56493795	6.35535943	6.443661377	5.013362104
ENSMUSG00000096944	9.196874066	15.30357936	26.12758877	28.19101852	25.06681052
ENSMUSG00000096945	193.1343554	233.0317767	202.6653507	179.6170609	165.4409494
ENSMUSG00000096946	33.95768886	55.6493795	45.8998181	41.07834128	44.40406435
ENSMUSG00000096947	13.44158517	22.2597518	22.59683353	20.1364418	25.06681052
ENSMUSG00000096948	89.84638511	125.9067211	119.3395271	133.7059736	110.2939663
ENSMUSG00000096949	10.61177777	6.260555194	5.649208382	4.832746033	10.7429188
ENSMUSG00000096950	11.31922962	15.30357936	7.767661525	9.665492065	7.87814045
ENSMUSG00000096952	4.244711108	6.956172438	2.824604191	9.665492065	5.729556691
ENSMUSG00000096953	28.29807405	36.86771392	38.13215658	115.9859048	105.2806042
ENSMUSG00000096954	31.83533331	61.21431745	57.90438592	148.2042117	116.7397176
ENSMUSG00000096955	9.196874066	8.347406925	3.530755239	4.832746033	6.445751277
ENSMUSG00000096956	6.367066661	9.043024169	5.649208382	2.416373016	6.445751277
ENSMUSG00000096957	18.39374813	28.52030699	26.83373982	28.19101852	39.39070225
ENSMUSG00000096958	26.88317035	18.78166558	22.59683353	12.88732275	22.20203218
ENSMUSG00000096959	14.85648888	29.21592424	21.18453143	17.72006879	20.05344842
ENSMUSG00000096960	10.61177777	13.21672763	9.179963621	4.832746033	2.864778345
ENSMUSG00000096962	48.10672589	58.43184848	43.78136496	18.52552646	30.08017263
ENSMUSG00000096963	7.781970364	6.260555194	8.473812573	1.610915344	2.864778345

ENSMUSG00000096964	9.904325918	9.738641413	5.649208382	8.860034393	11.45911338
ENSMUSG00000096965	11.31922962	27.82468975	27.53989086	25.77464551	28.64778345
ENSMUSG00000096966	3.537259256	6.260555194	2.824604191	4.02728836	2.148583759
ENSMUSG00000096967	0	0	0.706151048	0.805457672	0
ENSMUSG00000096969	16.27139258	21.56413456	13.41686991	15.30369577	12.17530797
ENSMUSG00000096970	8.489422215	7.651789682	9.886114669	5.638203705	7.161945863
ENSMUSG00000096971	4.952162959	3.478086219	2.824604191	0.805457672	3.580972932
ENSMUSG00000096972	10.61177777	4.869320706	4.943057334	8.054576721	6.445751277
ENSMUSG00000096973	9.196874066	4.869320706	9.179963621	3.221830688	2.864778345
ENSMUSG00000096974	4.952162959	8.347406925	8.473812573	10.47094974	15.04008631
ENSMUSG00000096975	5.65961481	11.1298759	7.061510478	5.638203705	5.729556691
ENSMUSG00000096976	21.93100739	37.56333116	21.89068248	36.24559524	28.64778345
ENSMUSG00000096977	6.367066661	13.91234488	12.00456781	16.91461111	7.87814045
ENSMUSG00000096978	4.244711108	2.782468975	5.649208382	4.832746033	3.580972932
ENSMUSG00000096979	21.22355554	16.69481385	24.00913562	16.91461111	20.769643
ENSMUSG00000096980	9.196874066	6.956172438	9.886114669	6.443661377	9.310529622
ENSMUSG00000096981	15.56394073	28.52030699	29.65834401	24.16373016	23.63442135
ENSMUSG00000096982	6.367066661	4.173703463	3.530755239	4.832746033	4.297167518
ENSMUSG00000096983	12.02668147	13.21672763	11.29841676	20.94189947	17.18867007
ENSMUSG00000096984	14.14903703	7.651789682	7.767661525	5.638203705	6.445751277
ENSMUSG00000096986	42.447111108	66.08363816	60.72899011	141.7605503	117.4559122
ENSMUSG00000096987	8.489422215	6.260555194	8.473812573	8.054576721	9.310529622
ENSMUSG00000096988	6.367066661	2.782468975	5.649208382	6.443661377	5.729556691
ENSMUSG00000096990	8.489422215	8.347406925	12.00456781	11.27640741	7.161945863
ENSMUSG00000096991	22.63845924	29.21592424	38.83830763	20.1364418	18.62105924
ENSMUSG00000096992	6.367066661	9.043024169	9.179963621	8.054576721	4.297167518
ENSMUSG00000096993	79.23460734	115.4724625	98.15499564	157.8697037	136.793166
ENSMUSG00000096995	92.67619252	115.4724625	121.4579802	149.0096693	126.0502472
ENSMUSG00000096996	13.44158517	23.65098629	19.06607829	16.10915344	23.63442135
ENSMUSG00000096997	6.367066661	3.478086219	4.236906287	1.610915344	4.297167518
ENSMUSG00000096999	4.244711108	6.260555194	8.473812573	4.832746033	5.729556691
ENSMUSG00000097000	48.10672589	73.0398106	74.14586002	176.3952302	153.2656415
ENSMUSG00000097001	11.31922962	4.869320706	9.179963621	7.249119049	12.89150255
ENSMUSG00000097002	9.904325918	4.173703463	9.179963621	3.221830688	4.297167518
ENSMUSG00000097003	5.65961481	2.782468975	4.236906287	4.02728836	5.013362104
ENSMUSG00000097004	8.489422215	6.260555194	6.35535943	8.054576721	5.729556691
ENSMUSG00000097005	5.65961481	8.347406925	4.943057334	2.416373016	5.013362104
ENSMUSG00000097006	7.074518513	7.651789682	8.473812573	2.416373016	8.594335036
ENSMUSG00000097007	15.56394073	18.08604834	24.00913562	27.38556085	33.66114556
ENSMUSG00000097008	171.9107999	231.6405422	221.025278	302.046627	224.8851001
ENSMUSG00000097009	10.61177777	6.260555194	5.649208382	6.443661377	8.594335036
ENSMUSG00000097010	9.196874066	6.956172438	5.649208382	7.249119049	5.013362104
ENSMUSG00000097011	31.12788146	43.12826911	27.53989086	28.9964762	33.66114556

ENSMUSG00000097012	10.61177777	11.82549314	14.829172	12.08186508	11.45911338
ENSMUSG00000097013	29.0055259	31.99839321	32.4829482	29.80193387	32.22875639
ENSMUSG00000097014	43.86201478	63.99678643	54.37363068	157.8697037	114.5911338
ENSMUSG00000097015	6.367066661	6.260555194	7.767661525	5.638203705	4.297167518
ENSMUSG00000097016	19.10119998	34.08524495	33.89525029	27.38556085	27.21539428
ENSMUSG00000097017	9.904325918	5.56493795	4.236906287	7.249119049	8.594335036
ENSMUSG00000097018	12.73413332	9.738641413	9.886114669	4.832746033	5.013362104
ENSMUSG00000097019	15.56394073	29.91154148	26.83373982	23.35827249	21.48583759
ENSMUSG00000097020	25.46826665	47.99758982	48.7244223	69.2693598	58.72795608
ENSMUSG00000097021	58.0110518	80.69160028	67.08434954	131.2896006	97.40246374
ENSMUSG00000097022	7.781970364	4.869320706	8.473812573	6.443661377	3.580972932
ENSMUSG00000097023	7.074518513	7.651789682	4.943057334	8.860034393	4.297167518
ENSMUSG00000097024	14.14903703	9.738641413	4.236906287	8.860034393	4.297167518
ENSMUSG00000097025	114.6071999	143.2971522	141.2302096	154.647873	141.0903335
ENSMUSG00000097026	9.196874066	4.869320706	6.35535943	11.27640741	7.87814045
ENSMUSG00000097027	12.73413332	4.173703463	5.649208382	6.443661377	7.161945863
ENSMUSG00000097028	4.952162959	7.651789682	5.649208382	5.638203705	7.161945863
ENSMUSG00000097029	11.31922962	6.260555194	4.236906287	7.249119049	8.594335036
ENSMUSG00000097030	8.489422215	7.651789682	8.473812573	8.054576721	5.729556691
ENSMUSG00000097031	7.781970364	6.260555194	6.35535943	6.443661377	5.013362104
ENSMUSG00000097032	47.39927403	82.77845201	78.3827663	240.831844	191.2239546
ENSMUSG00000097033	7.781970364	7.651789682	14.12302096	4.832746033	8.594335036
ENSMUSG00000097035	8.489422215	6.956172438	8.473812573	11.27640741	11.45911338
ENSMUSG00000097036	3.537259256	2.782468975	1.412302096	0.805457672	2.148583759
ENSMUSG00000097037	11.31922962	3.478086219	7.061510478	2.416373016	5.729556691
ENSMUSG00000097038	11.31922962	6.260555194	7.061510478	4.02728836	2.148583759
ENSMUSG00000097039	0	0	0	0	0
ENSMUSG00000097040	10.61177777	4.869320706	6.35535943	0	1.432389173
ENSMUSG00000097041	5.65961481	11.1298759	9.179963621	11.27640741	7.87814045
ENSMUSG00000097042	89.13893326	107.1250555	105.9226572	125.6513968	108.1453825
ENSMUSG00000097043	16.27139258	4.173703463	7.061510478	1.610915344	10.02672421
ENSMUSG00000097044	4.244711108	7.651789682	10.59226572	4.02728836	2.864778345
ENSMUSG00000097045	7.074518513	6.956172438	9.886114669	8.860034393	5.729556691
ENSMUSG00000097047	82.06441475	109.9075245	97.44884459	116.7913625	103.1320204
ENSMUSG00000097048	77.11225179	79.99598303	84.73812573	281.9101852	202.6830679
ENSMUSG00000097049	6.367066661	4.173703463	5.649208382	6.443661377	3.580972932
ENSMUSG00000097050	7.781970364	6.956172438	7.767661525	4.02728836	7.161945863
ENSMUSG00000097051	161.2990221	196.1640627	175.8316109	315.7394075	249.9519106
ENSMUSG00000097052	2.829807405	2.086851731	2.824604191	1.610915344	0.716194586
ENSMUSG00000097053	13.44158517	15.99919661	19.06607829	6.443661377	14.32389173
ENSMUSG00000097054	9.904325918	9.043024169	7.061510478	1.610915344	3.580972932
ENSMUSG00000097055	52.35143699	49.38882431	53.66747963	126.4568545	98.83485292
ENSMUSG00000097056	4.244711108	9.043024169	6.35535943	5.638203705	8.594335036

ENSMUSG00000097057	14.14903703	15.99919661	23.30298458	44.30017197	30.08017263
ENSMUSG00000097058	4.244711108	4.173703463	4.943057334	4.02728836	5.729556691
ENSMUSG00000097059	49.52162959	53.56252777	52.25517753	233.5827249	171.8867007
ENSMUSG00000097060	17.68629628	4.869320706	9.179963621	6.443661377	10.7429188
ENSMUSG00000097062	10.61177777	27.12907251	26.12758877	57.18749472	53.71459398
ENSMUSG00000097063	9.904325918	6.260555194	7.767661525	6.443661377	6.445751277
ENSMUSG00000097065	9.904325918	9.043024169	7.061510478	5.638203705	3.580972932
ENSMUSG00000097066	9.904325918	3.478086219	8.473812573	6.443661377	15.04008631
ENSMUSG00000097067	9.196874066	8.347406925	7.767661525	5.638203705	5.729556691
ENSMUSG00000097068	13.44158517	17.39043109	13.41686991	9.665492065	13.60769714
ENSMUSG00000097069	156.3468591	169.7306075	149.7040221	294.797508	243.5061594
ENSMUSG00000097071	10.61177777	6.956172438	12.00456781	5.638203705	7.87814045
ENSMUSG00000097072	3.537259256	6.260555194	4.236906287	6.443661377	2.148583759
ENSMUSG00000097073	0.707451851	1.391234488	1.412302096	0.805457672	1.432389173
ENSMUSG00000097074	5.65961481	6.956172438	6.35535943	3.221830688	7.87814045
ENSMUSG00000097075	48.10672589	83.47406925	75.55816211	95.04400531	70.90326405
ENSMUSG00000097076	7.781970364	13.91234488	16.2414741	8.860034393	9.310529622
ENSMUSG00000097077	20.51610369	34.08524495	34.60140134	64.43661377	54.43078856
ENSMUSG00000097079	5.65961481	4.869320706	11.29841676	5.638203705	8.594335036
ENSMUSG00000097080	16.97884443	36.17209668	37.42600553	41.07834128	49.41742646
ENSMUSG00000097081	6.367066661	7.651789682	6.35535943	6.443661377	5.729556691
ENSMUSG00000097082	9.904325918	11.1298759	4.943057334	4.02728836	9.310529622
ENSMUSG00000097083	4.952162959	6.956172438	9.179963621	7.249119049	5.729556691
ENSMUSG00000097085	7.074518513	6.260555194	9.179963621	6.443661377	8.594335036
ENSMUSG00000097086	4.244711108	4.869320706	4.236906287	6.443661377	6.445751277
ENSMUSG00000097087	7.781970364	6.956172438	3.530755239	3.221830688	11.45911338
ENSMUSG00000097088	19.80865184	8.347406925	18.35992724	10.47094974	19.33725383
ENSMUSG00000097089	56.5961481	105.0382038	87.56272992	92.62763229	66.60609653
ENSMUSG00000097090	33.95768886	63.30116918	80.50121945	41.07834128	55.86317773
ENSMUSG00000097091	5.65961481	8.347406925	10.59226572	7.249119049	7.87814045
ENSMUSG00000097092	7.781970364	11.82549314	8.473812573	19.33098413	12.89150255
ENSMUSG00000097093	42.44711108	66.08363816	59.31668801	88.60034393	65.88990194
ENSMUSG00000097094	9.196874066	6.260555194	10.59226572	7.249119049	5.729556691
ENSMUSG00000097095	16.27139258	4.869320706	11.29841676	7.249119049	9.310529622
ENSMUSG00000097097	13.44158517	4.173703463	9.179963621	4.02728836	5.729556691
ENSMUSG00000097098	8.489422215	10.43425866	8.473812573	6.443661377	5.729556691
ENSMUSG00000097099	13.44158517	20.17290007	19.06607829	14.4982381	22.20203218
ENSMUSG00000097100	94.79854807	137.036597	124.9887355	144.982381	121.0368851
ENSMUSG00000097101	12.02668147	8.347406925	5.649208382	7.249119049	8.594335036
ENSMUSG00000097102	12.73413332	4.869320706	8.473812573	4.02728836	5.729556691
ENSMUSG00000097103	9.196874066	25.73783802	13.41686991	10.47094974	9.310529622
ENSMUSG00000097104	8.489422215	4.173703463	8.473812573	6.443661377	0.716194586
ENSMUSG00000097106	9.904325918	11.82549314	6.35535943	6.443661377	12.17530797

ENSMUSG00000097107	9.196874066	4.869320706	4.236906287	4.832746033	5.013362104
ENSMUSG00000097108	11.31922962	7.651789682	12.71071886	5.638203705	12.89150255
ENSMUSG00000097109	40.32475552	47.99758982	49.43057334	71.68573282	68.0384857
ENSMUSG00000097110	4.952162959	4.173703463	4.943057334	5.638203705	5.729556691
ENSMUSG00000097111	7.781970364	16.69481385	9.886114669	4.832746033	10.02672421
ENSMUSG00000097112	12.02668147	5.56493795	4.943057334	5.638203705	5.013362104
ENSMUSG00000097113	5.65961481	4.869320706	4.236906287	4.832746033	9.310529622
ENSMUSG00000097115	7.074518513	13.21672763	7.061510478	8.860034393	8.594335036
ENSMUSG00000097116	21.22355554	29.91154148	28.95219296	45.91108731	39.39070225
ENSMUSG00000097117	23.34591109	30.60715873	30.36449505	20.1364418	21.48583759
ENSMUSG00000097118	11.31922962	11.82549314	12.71071886	5.638203705	10.7429188
ENSMUSG00000097119	82.06441475	80.69160028	81.91352154	154.647873	106.7129934
ENSMUSG00000097120	6.367066661	5.56493795	9.886114669	8.054576721	8.594335036
ENSMUSG00000097121	203.7461332	239.9879491	230.2052416	459.1108731	334.4628718
ENSMUSG00000097122	45.98437033	37.56333116	52.96132858	44.30017197	52.2822048
ENSMUSG00000097123	45.27691848	91.12585893	76.26431316	226.3336059	156.1304198
ENSMUSG00000097124	11.31922962	10.43425866	5.649208382	8.054576721	5.729556691
ENSMUSG00000097125	82.7718666	100.1688831	103.804204	431.7253122	292.2073912
ENSMUSG00000097127	8.489422215	9.043024169	8.473812573	4.832746033	7.161945863
ENSMUSG00000097128	93.38364437	124.5154866	123.5764334	143.3714656	131.7798039
ENSMUSG00000097130	7.781970364	5.56493795	6.35535943	1.610915344	7.87814045
ENSMUSG00000097131	0.707451851	0.695617244	0	1.610915344	2.148583759
ENSMUSG00000097133	13.44158517	5.56493795	6.35535943	12.08186508	10.02672421
ENSMUSG00000097134	7.074518513	10.43425866	7.061510478	9.665492065	7.161945863
ENSMUSG00000097135	11.31922962	4.869320706	4.236906287	3.221830688	8.594335036
ENSMUSG00000097136	33.25023701	34.08524495	28.95219296	23.35827249	23.63442135
ENSMUSG00000097137	7.074518513	8.347406925	9.179963621	7.249119049	4.297167518
ENSMUSG00000097138	29.0055259	29.21592424	35.30755239	51.54929101	42.25548059
ENSMUSG00000097139	19.80865184	38.95456565	29.65834401	16.91461111	24.35061594
ENSMUSG00000097140	7.781970364	9.738641413	6.35535943	6.443661377	10.7429188
ENSMUSG00000097141	40.32475552	56.34499675	46.60596915	79.74030954	61.59273443
ENSMUSG00000097142	55.1812444	84.86530374	77.67661525	29.80193387	39.39070225
ENSMUSG00000097143	19.10119998	20.86851731	19.77222934	11.27640741	10.7429188
ENSMUSG00000097145	126.6338814	148.1664729	125.6948865	244.0536746	189.0753708
ENSMUSG00000097146	6.367066661	8.347406925	12.00456781	4.02728836	5.013362104
ENSMUSG00000097147	8.489422215	2.782468975	6.35535943	8.860034393	7.161945863
ENSMUSG00000097149	128.0487851	149.5577074	141.2302096	275.4665239	201.9668733
ENSMUSG00000097150	3.537259256	2.782468975	7.767661525	3.221830688	5.729556691
ENSMUSG00000097151	33.25023701	50.7800588	46.60596915	27.38556085	27.93158887
ENSMUSG00000097152	36.78749627	58.43184848	64.96589639	155.4533307	129.6312201
ENSMUSG00000097154	86.30912585	147.4708557	127.1071886	107.9313281	95.25387998
ENSMUSG00000097155	16.27139258	29.21592424	50.13672439	147.398754	98.11865833
ENSMUSG00000097156	10.61177777	6.956172438	5.649208382	6.443661377	3.580972932

ENSMUSG00000097157	4.244711108	4.869320706	6.35535943	4.02728836	7.161945863
ENSMUSG00000097158	18.39374813	12.52111039	10.59226572	27.38556085	22.91822676
ENSMUSG00000097159	16.27139258	20.86851731	21.18453143	10.47094974	14.32389173
ENSMUSG00000097160	24.76081479	31.30277597	38.13215658	33.02376456	33.66114556
ENSMUSG00000097162	125.9264295	142.601535	125.6948865	162.7024498	138.9417498
ENSMUSG00000097163	9.196874066	4.869320706	3.530755239	7.249119049	7.87814045
ENSMUSG00000097164	26.1757185	48.69320706	31.77679715	76.51847885	59.44415067
ENSMUSG00000097165	10.61177777	12.52111039	10.59226572	8.054576721	5.013362104
ENSMUSG00000097166	24.76081479	32.69401046	31.0706461	347.9577143	220.5879326
ENSMUSG00000097167	50.22908144	68.86610713	63.5535943	101.4876667	73.05184781
ENSMUSG00000097168	26.1757185	25.04222078	17.65377619	12.88732275	15.7562809
ENSMUSG00000097169	8.489422215	13.21672763	8.473812573	8.860034393	9.310529622
ENSMUSG00000097170	15.56394073	14.60796212	9.886114669	12.88732275	7.161945863
ENSMUSG00000097171	2.829807405	4.869320706	12.71071886	8.860034393	5.729556691
ENSMUSG00000097172	5.65961481	6.956172438	4.236906287	8.860034393	11.45911338
ENSMUSG00000097173	9.196874066	9.043024169	8.473812573	0.805457672	12.17530797
ENSMUSG00000097174	20.51610369	38.95456565	38.13215658	37.05105292	32.94495097
ENSMUSG00000097175	0	1.391234488	0.706151048	0	0
ENSMUSG00000097176	16.97884443	31.30277597	33.89525029	52.35474869	39.39070225
ENSMUSG00000097177	2.829807405	4.173703463	0.706151048	0.805457672	1.432389173
ENSMUSG00000097178	9.196874066	5.56493795	2.824604191	8.054576721	8.594335036
ENSMUSG00000097180	9.196874066	9.043024169	16.94762515	7.249119049	4.297167518
ENSMUSG00000097181	13.44158517	4.869320706	8.473812573	4.832746033	8.594335036
ENSMUSG00000097182	9.196874066	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG00000097183	7.074518513	2.782468975	3.530755239	7.249119049	7.87814045
ENSMUSG00000097184	11.31922962	8.347406925	13.41686991	8.054576721	10.7429188
ENSMUSG00000097186	13.44158517	9.738641413	9.886114669	8.860034393	11.45911338
ENSMUSG00000097188	9.196874066	6.956172438	7.061510478	4.832746033	10.02672421
ENSMUSG00000097189	50.93653329	95.99517964	67.08434954	95.04400531	79.49759908
ENSMUSG00000097190	16.27139258	8.347406925	7.061510478	7.249119049	5.729556691
ENSMUSG00000097191	48.81417774	75.12666233	68.49665163	133.7059736	117.4559122
ENSMUSG00000097193	24.05336294	36.86771392	24.71528667	50.74383334	39.39070225
ENSMUSG00000097194	62.25576291	101.5601176	71.32125582	306.0739154	221.3041272
ENSMUSG00000097195	1.414903703	0.695617244	0.706151048	8.054576721	4.297167518
ENSMUSG00000097196	21.93100739	34.08524495	24.00913562	64.43661377	53.71459398
ENSMUSG00000097197	2.829807405	4.173703463	4.943057334	7.249119049	0
ENSMUSG00000097199	11.31922962	4.869320706	9.886114669	6.443661377	5.013362104
ENSMUSG00000097201	14.14903703	5.56493795	10.59226572	7.249119049	3.580972932
ENSMUSG00000097202	8.489422215	15.30357936	10.59226572	6.443661377	7.161945863
ENSMUSG00000097203	12.73413332	5.56493795	3.530755239	6.443661377	5.729556691
ENSMUSG00000097204	74.28244438	84.1696865	88.26888097	197.3371297	170.4543116
ENSMUSG00000097205	7.781970364	4.173703463	3.530755239	3.221830688	6.445751277
ENSMUSG00000097206	201.6237776	234.4230112	215.3760696	470.3872805	350.9353473

ENSMUSG0000097207	19.80865184	38.95456565	45.19366706	37.05105292	30.79636721
ENSMUSG0000097208	7.781970364	12.52111039	9.179963621	8.054576721	2.148583759
ENSMUSG0000097209	4.244711108	2.782468975	4.236906287	3.221830688	3.580972932
ENSMUSG0000097210	7.074518513	11.82549314	4.943057334	4.832746033	7.87814045
ENSMUSG0000097211	8.489422215	9.043024169	7.061510478	5.638203705	5.013362104
ENSMUSG0000097213	59.42595551	87.64777272	76.97046421	78.93485187	79.49759908
ENSMUSG0000097214	8.489422215	9.043024169	2.824604191	7.249119049	4.297167518
ENSMUSG0000097215	7.074518513	5.56493795	5.649208382	4.02728836	7.87814045
ENSMUSG0000097216	7.074518513	6.956172438	7.061510478	4.02728836	4.297167518
ENSMUSG0000097217	72.16008883	127.9935729	100.2734488	215.0571984	175.4676737
ENSMUSG0000097218	14.14903703	6.956172438	7.767661525	8.054576721	6.445751277
ENSMUSG0000097219	8.489422215	8.347406925	7.767661525	5.638203705	12.17530797
ENSMUSG0000097220	7.781970364	8.347406925	6.35535943	7.249119049	8.594335036
ENSMUSG0000097221	146.4425332	168.339373	172.3008557	182.8388916	161.1437819
ENSMUSG0000097222	7.781970364	5.56493795	7.767661525	8.860034393	2.148583759
ENSMUSG0000097223	69.33028142	87.64777272	79.08891735	80.54576721	75.20043157
ENSMUSG0000097224	9.904325918	5.56493795	4.943057334	6.443661377	5.729556691
ENSMUSG0000097225	0	0	0	0	0
ENSMUSG0000097226	6.367066661	6.260555194	6.35535943	2.416373016	8.594335036
ENSMUSG0000097227	12.73413332	9.738641413	19.77222934	16.10915344	13.60769714
ENSMUSG0000097228	7.781970364	9.738641413	8.473812573	25.77464551	24.35061594
ENSMUSG0000097229	40.32475552	57.04061399	64.25974535	82.96214023	78.06520991
ENSMUSG0000097230	227.0920443	354.0691771	333.3032945	338.2922223	339.4762339
ENSMUSG0000097231	12.02668147	19.47728283	19.06607829	12.88732275	9.310529622
ENSMUSG0000097232	29.0055259	56.34499675	53.66747963	34.6346799	26.49919969
ENSMUSG0000097233	19.10119998	36.17209668	31.77679715	20.94189947	17.90486466
ENSMUSG0000097234	51.64398514	84.86530374	81.91352154	103.9040397	110.2939663
ENSMUSG0000097235	10.61177777	10.43425866	9.886114669	4.832746033	9.310529622
ENSMUSG0000097236	28.29807405	61.21431745	57.19823487	45.10562964	47.2688427
ENSMUSG0000097237	2.122355554	4.869320706	7.767661525	2.416373016	5.013362104
ENSMUSG0000097240	4.952162959	2.782468975	5.649208382	6.443661377	6.445751277
ENSMUSG0000097241	9.196874066	9.738641413	12.71071886	2.416373016	2.864778345
ENSMUSG0000097242	8.489422215	13.91234488	7.767661525	7.249119049	15.04008631
ENSMUSG0000097243	4.952162959	9.738641413	5.649208382	11.27640741	10.7429188
ENSMUSG0000097244	6.367066661	9.043024169	11.29841676	8.054576721	7.87814045
ENSMUSG0000097245	12.02668147	9.043024169	10.59226572	4.832746033	10.7429188
ENSMUSG0000097246	45.98437033	50.7800588	50.84287544	45.10562964	43.68786977
ENSMUSG0000097247	6.367066661	7.651789682	4.236906287	11.27640741	7.87814045
ENSMUSG0000097248	7.074518513	7.651789682	6.35535943	3.221830688	3.580972932
ENSMUSG0000097249	13.44158517	9.043024169	3.530755239	8.054576721	16.47247549
ENSMUSG0000097250	11.31922962	6.260555194	6.35535943	6.443661377	6.445751277
ENSMUSG0000097251	60.84085921	86.25653823	84.73812573	81.35122488	73.05184781
ENSMUSG0000097252	11.31922962	2.086851731	6.35535943	4.832746033	6.445751277



ENSMUSG00000097253	10.61177777	16.69481385	24.71528667	20.1364418	20.05344842
ENSMUSG00000097254	14.85648888	25.04222078	21.18453143	10.47094974	20.05344842
ENSMUSG00000097255	3.537259256	6.260555194	2.824604191	5.638203705	2.864778345
ENSMUSG00000097256	14.14903703	7.651789682	4.236906287	4.02728836	8.594335036
ENSMUSG00000097257	4.244711108	10.43425866	13.41686991	9.665492065	12.17530797
ENSMUSG00000097258	10.61177777	12.52111039	12.71071886	10.47094974	6.445751277
ENSMUSG00000097259	41.03220737	86.95215547	60.02283906	185.2552646	139.6579443
ENSMUSG00000097260	9.904325918	8.347406925	2.824604191	9.665492065	2.864778345
ENSMUSG00000097261	38.90985182	89.0390072	62.84744325	141.7605503	110.2939663
ENSMUSG00000097262	9.196874066	5.56493795	4.943057334	4.832746033	5.729556691
ENSMUSG00000097263	220.7249776	345.7217702	326.2417841	358.4286641	306.531283
ENSMUSG00000097264	24.05336294	30.60715873	30.36449505	20.1364418	24.35061594
ENSMUSG00000097265	4.952162959	5.56493795	9.179963621	6.443661377	2.148583759
ENSMUSG00000097266	4.244711108	10.43425866	2.824604191	4.832746033	7.161945863
ENSMUSG00000097267	7.781970364	11.1298759	6.35535943	4.02728836	5.013362104
ENSMUSG00000097268	7.781970364	10.43425866	8.473812573	5.638203705	5.729556691
ENSMUSG00000097271	19.80865184	45.91073809	34.60140134	48.32746033	78.7814045
ENSMUSG00000097272	6.367066661	3.478086219	6.35535943	6.443661377	9.310529622
ENSMUSG00000097274	24.76081479	33.3896277	33.89525029	24.16373016	27.21539428
ENSMUSG00000097275	18.39374813	18.08604834	20.47838039	16.10915344	12.17530797
ENSMUSG00000097276	9.196874066	20.17290007	11.29841676	9.665492065	7.87814045
ENSMUSG00000097277	53.05888884	93.90832791	64.96589639	68.46390213	70.18706946
ENSMUSG00000097278	10.61177777	6.956172438	12.00456781	4.832746033	5.729556691
ENSMUSG00000097279	4.952162959	9.043024169	10.59226572	53.16020636	41.53928601
ENSMUSG00000097280	5.65961481	4.869320706	2.118453143	6.443661377	3.580972932
ENSMUSG00000097281	4.952162959	7.651789682	12.71071886	7.249119049	3.580972932
ENSMUSG00000097282	7.781970364	9.043024169	7.061510478	1.610915344	10.7429188
ENSMUSG00000097283	7.074518513	8.347406925	13.41686991	4.832746033	5.729556691
ENSMUSG00000097284	45.98437033	76.51789682	71.32125582	63.6311561	60.16034525
ENSMUSG00000097285	16.97884443	17.39043109	19.06607829	12.08186508	15.7562809
ENSMUSG00000097286	13.44158517	4.869320706	7.061510478	6.443661377	7.161945863
ENSMUSG00000097287	7.074518513	15.30357936	12.71071886	9.665492065	8.594335036
ENSMUSG00000097288	4.244711108	2.086851731	1.412302096	1.610915344	2.148583759
ENSMUSG00000097289	4.244711108	9.043024169	3.530755239	13.69278043	7.161945863
ENSMUSG00000097290	16.27139258	36.86771392	28.95219296	19.33098413	25.78300511
ENSMUSG00000097291	7.781970364	9.738641413	9.179963621	5.638203705	8.594335036
ENSMUSG00000097292	50.22908144	60.51870021	60.72899011	74.9075635	66.60609653
ENSMUSG00000097294	7.781970364	9.043024169	9.179963621	7.249119049	5.013362104
ENSMUSG00000097295	41.73965922	61.21431745	55.07978173	21.74735715	35.80972932
ENSMUSG00000097296	0.707451851	0	0	0.805457672	0.716194586
ENSMUSG00000097298	39.61730367	49.38882431	40.25060972	80.54576721	71.61945863
ENSMUSG00000097299	6.367066661	5.56493795	9.886114669	6.443661377	7.87814045
ENSMUSG00000097300	88.43148141	136.3409798	122.8702823	40.2728836	40.82309142

ENSMUSG00000097301	5.65961481	14.60796212	14.829172	5.638203705	12.89150255
ENSMUSG00000097302	9.904325918	6.956172438	7.061510478	6.443661377	5.729556691
ENSMUSG00000097303	20.51610369	31.30277597	24.71528667	24.96918783	41.53928601
ENSMUSG00000097304	7.074518513	7.651789682	4.943057334	4.02728836	13.60769714
ENSMUSG00000097305	12.02668147	4.869320706	2.824604191	6.443661377	12.17530797
ENSMUSG00000097307	6.367066661	6.956172438	6.35535943	5.638203705	5.729556691
ENSMUSG00000097308	4.952162959	8.347406925	5.649208382	4.02728836	8.594335036
ENSMUSG00000097309	14.14903703	27.82468975	26.12758877	76.51847885	55.86317773
ENSMUSG00000097310	7.074518513	8.347406925	4.943057334	4.02728836	2.148583759
ENSMUSG00000097311	14.85648888	6.260555194	5.649208382	8.054576721	12.17530797
ENSMUSG00000097312	677.0314217	666.4013195	708.2695009	606.5096271	664.6285761
ENSMUSG00000097313	6.367066661	4.869320706	4.943057334	2.416373016	2.864778345
ENSMUSG00000097314	1.414903703	5.56493795	0.706151048	3.221830688	5.013362104
ENSMUSG00000097315	7.781970364	4.869320706	7.767661525	11.27640741	7.87814045
ENSMUSG00000097316	12.73413332	21.56413456	20.47838039	12.08186508	13.60769714
ENSMUSG00000097317	6.367066661	6.956172438	9.886114669	7.249119049	9.310529622
ENSMUSG00000097318	98.33580733	111.9943762	115.8087718	171.5624842	146.8198902
ENSMUSG00000097320	27.5906222	43.82388636	58.61053696	69.2693598	58.72795608
ENSMUSG00000097321	9.904325918	17.39043109	22.59683353	15.30369577	20.769643
ENSMUSG00000097322	9.904325918	6.260555194	10.59226572	5.638203705	7.161945863
ENSMUSG00000097323	14.14903703	15.30357936	12.71071886	10.47094974	10.7429188
ENSMUSG00000097324	5.65961481	5.56493795	4.236906287	8.054576721	4.297167518
ENSMUSG00000097325	43.86201478	67.47487265	60.02283906	26.58010318	47.98503729
ENSMUSG00000097326	9.904325918	6.260555194	4.236906287	5.638203705	10.7429188
ENSMUSG00000097329	16.27139258	14.60796212	18.35992724	8.054576721	13.60769714
ENSMUSG00000097330	4.952162959	5.56493795	4.236906287	7.249119049	10.02672421
ENSMUSG00000097331	9.904325918	6.260555194	9.886114669	9.665492065	11.45911338
ENSMUSG00000097332	7.074518513	4.173703463	7.061510478	8.054576721	5.729556691
ENSMUSG00000097334	19.80865184	33.3896277	32.4829482	89.4058016	83.7947666
ENSMUSG00000097335	18.39374813	29.21592424	19.77222934	33.82922223	32.94495097
ENSMUSG00000097336	2.122355554	2.782468975	2.824604191	1.610915344	2.148583759
ENSMUSG00000097337	8.489422215	22.2597518	18.35992724	22.55281482	28.64778345
ENSMUSG00000097338	9.904325918	8.347406925	6.35535943	4.02728836	7.161945863
ENSMUSG00000097339	9.904325918	6.260555194	5.649208382	5.638203705	6.445751277
ENSMUSG00000097340	29.0055259	52.17129328	38.83830763	32.21830688	45.83645353
ENSMUSG00000097342	6.367066661	5.56493795	3.530755239	3.221830688	4.297167518
ENSMUSG00000097343	49.52162959	95.99517964	80.50121945	93.43308996	75.91662615
ENSMUSG00000097344	22.63845924	30.60715873	36.71985448	8.054576721	21.48583759
ENSMUSG00000097345	38.90985182	49.38882431	56.49208382	83.7675979	66.60609653
ENSMUSG00000097346	4.952162959	6.260555194	7.061510478	7.249119049	5.729556691
ENSMUSG00000097347	58.71850365	61.9099347	61.43514116	49.132918	46.55264811
ENSMUSG00000097348	4.244711108	6.260555194	3.530755239	2.416373016	7.161945863
ENSMUSG00000097349	9.196874066	5.56493795	5.649208382	4.832746033	11.45911338

ENSMUSG00000097350	42.44711108	76.51789682	56.49208382	24.96918783	43.68786977
ENSMUSG00000097352	51.64398514	102.9513521	76.97046421	95.04400531	80.92998826
ENSMUSG00000097353	21.93100739	37.56333116	31.77679715	24.16373016	21.48583759
ENSMUSG00000097354	33.25023701	44.5195036	35.30755239	75.71302118	51.56601022
ENSMUSG00000097355	8.489422215	2.782468975	9.179963621	5.638203705	8.594335036
ENSMUSG00000097356	19.10119998	27.12907251	18.35992724	17.72006879	15.04008631
ENSMUSG00000097357	33.25023701	48.69320706	55.07978173	110.3477011	101.6996313
ENSMUSG00000097358	9.904325918	13.21672763	7.767661525	3.221830688	3.580972932
ENSMUSG00000097360	100.4581629	116.863697	119.3395271	102.2931244	85.94335036
ENSMUSG00000097361	11.31922962	4.173703463	9.886114669	6.443661377	5.013362104
ENSMUSG00000097362	10.61177777	9.738641413	8.473812573	6.443661377	5.729556691
ENSMUSG00000097363	4.952162959	14.60796212	7.061510478	5.638203705	5.013362104
ENSMUSG00000097364	11.31922962	6.956172438	5.649208382	6.443661377	10.02672421
ENSMUSG00000097365	1.414903703	1.391234488	1.412302096	0.805457672	0.716194586
ENSMUSG00000097366	12.02668147	11.1298759	14.12302096	7.249119049	7.87814045
ENSMUSG00000097367	18.39374813	13.91234488	15.53532305	12.88732275	18.62105924
ENSMUSG00000097368	24.76081479	22.2597518	19.77222934	24.16373016	17.90486466
ENSMUSG00000097369	4.952162959	8.347406925	14.829172	6.443661377	8.594335036
ENSMUSG00000097370	7.781970364	12.52111039	12.71071886	26.58010318	27.21539428
ENSMUSG00000097371	7.074518513	7.651789682	9.179963621	8.054576721	8.594335036
ENSMUSG00000097372	10.61177777	7.651789682	10.59226572	6.443661377	7.161945863
ENSMUSG00000097373	75.69734809	121.7330177	101.6857509	75.71302118	81.64618284
ENSMUSG00000097374	21.22355554	19.47728283	20.47838039	22.55281482	22.20203218
ENSMUSG00000097375	0	0	0	0	0
ENSMUSG00000097376	8.489422215	6.260555194	7.061510478	8.860034393	5.013362104
ENSMUSG00000097377	96.21345177	133.5585108	110.1595635	110.3477011	97.40246374
ENSMUSG00000097378	8.489422215	8.347406925	6.35535943	6.443661377	6.445751277
ENSMUSG00000097379	10.61177777	11.82549314	7.767661525	7.249119049	12.17530797
ENSMUSG00000097380	19.80865184	30.60715873	24.00913562	33.82922223	34.37734014
ENSMUSG00000097381	13.44158517	5.56493795	5.649208382	11.27640741	10.7429188
ENSMUSG00000097382	8.489422215	5.56493795	8.473812573	7.249119049	4.297167518
ENSMUSG00000097383	82.7718666	106.4294383	108.7472614	82.15668255	67.32229112
ENSMUSG00000097384	7.781970364	4.173703463	9.179963621	8.054576721	7.161945863
ENSMUSG00000097385	12.02668147	4.869320706	9.179963621	5.638203705	4.297167518
ENSMUSG00000097387	7.074518513	10.43425866	6.35535943	5.638203705	2.864778345
ENSMUSG00000097388	14.85648888	17.39043109	16.94762515	14.4982381	12.17530797
ENSMUSG00000097390	61.54831106	95.99517964	87.56272992	70.07481747	71.61945863
ENSMUSG00000097391	2.122355554	0	1.412302096	0.805457672	1.432389173
ENSMUSG00000097392	8.489422215	9.043024169	12.71071886	4.832746033	7.161945863
ENSMUSG00000097393	11.31922962	5.56493795	9.886114669	4.02728836	4.297167518
ENSMUSG00000097396	7.781970364	3.478086219	7.061510478	3.221830688	6.445751277
ENSMUSG00000097397	24.05336294	24.34660353	29.65834401	43.49471429	47.2688427
ENSMUSG00000097398	7.781970364	5.56493795	8.473812573	3.221830688	4.297167518

ENSMUSG00000097399	8.489422215	12.52111039	9.179963621	5.638203705	8.594335036
ENSMUSG00000097401	7.781970364	6.260555194	4.943057334	5.638203705	6.445751277
ENSMUSG00000097402	7.074518513	14.60796212	15.53532305	8.860034393	11.45911338
ENSMUSG00000097403	16.27139258	22.2597518	23.30298458	14.4982381	17.90486466
ENSMUSG00000097404	26.88317035	42.43265187	31.77679715	27.38556085	39.39070225
ENSMUSG00000097406	7.781970364	6.260555194	6.35535943	5.638203705	5.013362104
ENSMUSG00000097408	7.781970364	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000097409	4.952162959	3.478086219	4.943057334	6.443661377	5.729556691
ENSMUSG00000097410	9.904325918	16.69481385	13.41686991	12.88732275	19.33725383
ENSMUSG00000097412	15.56394073	19.47728283	16.94762515	17.72006879	23.63442135
ENSMUSG00000097413	10.61177777	11.82549314	8.473812573	8.054576721	7.87814045
ENSMUSG00000097414	7.074518513	6.260555194	11.29841676	8.054576721	7.87814045
ENSMUSG00000097415	62.25576291	92.51709342	76.26431316	236.8045556	164.7247549
ENSMUSG00000097416	12.73413332	6.260555194	3.530755239	6.443661377	11.45911338
ENSMUSG00000097417	54.47379255	71.64857611	54.37363068	119.2077355	94.5376854
ENSMUSG00000097418	23.34591109	36.86771392	26.12758877	365.6777831	229.8984622
ENSMUSG00000097419	13.44158517	9.738641413	12.00456781	31.41284921	28.64778345
ENSMUSG00000097420	9.196874066	2.782468975	4.943057334	7.249119049	10.02672421
ENSMUSG00000097422	15.56394073	8.347406925	9.179963621	9.665492065	7.161945863
ENSMUSG00000097423	142.905274	159.9919661	156.7655326	149.815127	124.617858
ENSMUSG00000097424	7.781970364	1.391234488	4.943057334	3.221830688	5.013362104
ENSMUSG00000097426	0.707451851	2.782468975	1.412302096	0.805457672	2.864778345
ENSMUSG00000097428	4.952162959	2.782468975	3.530755239	8.054576721	7.87814045
ENSMUSG00000097429	13.44158517	18.78166558	26.12758877	34.6346799	28.64778345
ENSMUSG00000097430	8.489422215	7.651789682	5.649208382	4.02728836	3.580972932
ENSMUSG00000097431	19.80865184	45.21512085	34.60140134	33.82922223	25.78300511
ENSMUSG00000097432	0	0	0.706151048	0	0.716194586
ENSMUSG00000097433	8.489422215	4.869320706	7.061510478	5.638203705	7.87814045
ENSMUSG00000097434	9.196874066	11.82549314	18.35992724	8.860034393	12.17530797
ENSMUSG00000097435	5.65961481	4.869320706	4.943057334	4.832746033	6.445751277
ENSMUSG00000097438	7.074518513	5.56493795	7.767661525	7.249119049	9.310529622
ENSMUSG00000097439	9.904325918	11.82549314	12.00456781	8.054576721	9.310529622
ENSMUSG00000097440	1.414903703	1.391234488	4.943057334	0	2.148583759
ENSMUSG00000097441	5.65961481	3.478086219	9.886114669	8.860034393	4.297167518
ENSMUSG00000097442	10.61177777	15.30357936	11.29841676	8.054576721	12.89150255
ENSMUSG00000097443	4.952162959	6.956172438	8.473812573	8.054576721	9.310529622
ENSMUSG00000097444	2.829807405	0.695617244	2.118453143	5.638203705	9.310529622
ENSMUSG00000097445	12.02668147	27.12907251	23.30298458	53.96566403	51.56601022
ENSMUSG00000097446	12.02668147	7.651789682	6.35535943	6.443661377	8.594335036
ENSMUSG00000097447	9.904325918	6.956172438	12.00456781	7.249119049	5.013362104
ENSMUSG00000097448	5.65961481	0.695617244	0.706151048	4.02728836	1.432389173
ENSMUSG00000097450	9.904325918	7.651789682	14.12302096	3.221830688	7.87814045
ENSMUSG00000097451	0	0	0	0	0

ENSMUSG00000097452	7.781970364	9.738641413	5.649208382	4.02728836	5.729556691
ENSMUSG00000097453	12.02668147	7.651789682	4.943057334	2.416373016	6.445751277
ENSMUSG00000097454	15.56394073	27.82468975	26.83373982	18.52552646	19.33725383
ENSMUSG00000097455	21.22355554	31.30277597	30.36449505	32.21830688	22.20203218
ENSMUSG00000097456	8.489422215	6.956172438	7.061510478	5.638203705	2.864778345
ENSMUSG00000097457	18.39374813	20.86851731	14.12302096	15.30369577	16.47247549
ENSMUSG00000097458	7.074518513	7.651789682	7.061510478	4.832746033	10.02672421
ENSMUSG00000097459	7.074518513	8.347406925	12.00456781	9.665492065	6.445751277
ENSMUSG00000097460	24.05336294	51.47567604	38.13215658	53.16020636	59.44415067
ENSMUSG00000097461	9.904325918	9.738641413	7.061510478	8.860034393	7.87814045
ENSMUSG00000097462	4.952162959	5.56493795	4.236906287	5.638203705	5.013362104
ENSMUSG00000097463	10.61177777	4.869320706	8.473812573	8.054576721	7.87814045
ENSMUSG00000097464	8.489422215	6.956172438	7.061510478	4.02728836	3.580972932
ENSMUSG00000097465	17.68629628	27.12907251	19.77222934	9.665492065	12.17530797
ENSMUSG00000097466	8.489422215	10.43425866	6.35535943	4.02728836	7.87814045
ENSMUSG00000097467	46.69182218	44.5195036	50.13672439	82.15668255	67.32229112
ENSMUSG00000097468	2.122355554	5.56493795	5.649208382	4.02728836	5.729556691
ENSMUSG00000097469	8.489422215	6.956172438	9.886114669	8.054576721	10.7429188
ENSMUSG00000097470	9.196874066	12.52111039	7.061510478	8.860034393	4.297167518
ENSMUSG00000097471	34.66514071	54.25814501	40.95676077	20.94189947	26.49919969
ENSMUSG00000097472	123.804074	182.9473351	173.7131578	151.4260424	125.3340526
ENSMUSG00000097473	4.952162959	7.651789682	7.767661525	8.054576721	13.60769714
ENSMUSG00000097474	9.904325918	8.347406925	5.649208382	6.443661377	5.013362104
ENSMUSG00000097476	8.489422215	8.347406925	4.943057334	7.249119049	7.87814045
ENSMUSG00000097479	14.85648888	12.52111039	14.12302096	7.249119049	9.310529622
ENSMUSG00000097480	7.074518513	5.56493795	2.118453143	1.610915344	7.161945863
ENSMUSG00000097482	6.367066661	5.56493795	7.767661525	4.832746033	3.580972932
ENSMUSG00000097483	8.489422215	8.347406925	4.943057334	3.221830688	10.02672421
ENSMUSG00000097484	10.61177777	9.738641413	7.061510478	6.443661377	5.729556691
ENSMUSG00000097486	7.074518513	6.956172438	4.236906287	7.249119049	8.594335036
ENSMUSG00000097488	1.414903703	4.869320706	6.35535943	5.638203705	6.445751277
ENSMUSG00000097489	46.69182218	82.08283477	69.90895373	62.02024075	45.12025894
ENSMUSG00000097491	9.196874066	3.478086219	2.824604191	1.610915344	7.161945863
ENSMUSG00000097493	21.22355554	39.6501829	35.30755239	28.9964762	24.35061594
ENSMUSG00000097494	36.78749627	62.60555194	55.07978173	95.84946298	77.34901533
ENSMUSG00000097495	9.904325918	7.651789682	10.59226572	3.221830688	7.87814045
ENSMUSG00000097496	8.489422215	8.347406925	5.649208382	11.27640741	4.297167518
ENSMUSG00000097497	4.244711108	4.173703463	0.706151048	3.221830688	0.716194586
ENSMUSG00000097500	7.781970364	8.347406925	7.061510478	4.02728836	8.594335036
ENSMUSG00000097501	29.0055259	59.12746572	48.01827125	58.79841006	65.88990194
ENSMUSG00000097502	5.65961481	7.651789682	10.59226572	6.443661377	13.60769714
ENSMUSG00000097503	4.952162959	13.91234488	10.59226572	28.19101852	22.20203218
ENSMUSG00000097504	11.31922962	13.21672763	18.35992724	32.21830688	32.22875639

ENSMUSG00000097505	15.56394073	20.86851731	16.94762515	13.69278043	11.45911338
ENSMUSG00000097507	24.05336294	30.60715873	34.60140134	26.58010318	22.20203218
ENSMUSG00000097509	13.44158517	24.34660353	12.71071886	34.6346799	26.49919969
ENSMUSG00000097511	18.39374813	25.73783802	17.65377619	13.69278043	15.04008631
ENSMUSG00000097513	7.781970364	7.651789682	12.71071886	7.249119049	8.594335036
ENSMUSG00000097514	6.367066661	4.173703463	6.35535943	11.27640741	5.729556691
ENSMUSG00000097515	6.367066661	7.651789682	7.061510478	4.02728836	4.297167518
ENSMUSG00000097516	9.196874066	12.52111039	6.35535943	7.249119049	7.161945863
ENSMUSG00000097517	14.85648888	17.39043109	14.829172	12.08186508	17.90486466
ENSMUSG00000097518	26.1757185	25.73783802	29.65834401	13.69278043	20.769643
ENSMUSG00000097519	26.1757185	41.73703463	36.71985448	28.19101852	26.49919969
ENSMUSG00000097520	9.904325918	7.651789682	6.35535943	3.221830688	7.161945863
ENSMUSG00000097522	9.196874066	8.347406925	7.061510478	4.832746033	5.013362104
ENSMUSG00000097523	33.25023701	59.82308296	52.25517753	53.96566403	64.45751277
ENSMUSG00000097524	8.489422215	6.260555194	3.530755239	7.249119049	7.161945863
ENSMUSG00000097525	43.86201478	59.82308296	69.20280268	90.21125927	78.06520991
ENSMUSG00000097526	28.29807405	25.04222078	31.0706461	57.99295239	52.2822048
ENSMUSG00000097527	10.61177777	26.43345526	16.2414741	17.72006879	14.32389173
ENSMUSG00000097529	10.61177777	5.56493795	7.767661525	5.638203705	4.297167518
ENSMUSG00000097530	16.97884443	20.17290007	24.00913562	33.02376456	25.06681052
ENSMUSG00000097531	14.85648888	22.95536904	11.29841676	55.57657937	41.53928601
ENSMUSG00000097532	16.27139258	16.69481385	22.59683353	29.80193387	30.08017263
ENSMUSG00000097533	79.94205919	104.3425866	93.21193831	163.5079074	139.6579443
ENSMUSG00000097534	207.9908443	217.0325801	219.6129759	378.5651059	282.8968616
ENSMUSG00000097535	9.196874066	3.478086219	7.767661525	6.443661377	7.161945863
ENSMUSG00000097536	103.9954221	166.2525213	126.4010376	194.115299	171.1705061
ENSMUSG00000097537	65.79302217	88.34338996	86.15042783	227.1390635	174.0352845
ENSMUSG00000097538	0	0	0	0	0.716194586
ENSMUSG00000097539	5.65961481	6.956172438	8.473812573	6.443661377	4.297167518
ENSMUSG00000097540	7.781970364	9.043024169	6.35535943	4.832746033	7.87814045
ENSMUSG00000097541	12.73413332	4.173703463	9.886114669	4.832746033	5.729556691
ENSMUSG00000097542	4.952162959	8.347406925	6.35535943	5.638203705	5.729556691
ENSMUSG00000097543	9.196874066	5.56493795	2.118453143	5.638203705	11.45911338
ENSMUSG00000097544	11.31922962	11.82549314	14.12302096	8.054576721	7.87814045
ENSMUSG00000097545	4.952162959	6.260555194	5.649208382	4.02728836	3.580972932
ENSMUSG00000097546	21.93100739	27.82468975	10.59226572	19.33098413	15.7562809
ENSMUSG00000097547	9.904325918	3.478086219	4.943057334	5.638203705	10.02672421
ENSMUSG00000097548	4.244711108	3.478086219	6.35535943	9.665492065	10.02672421
ENSMUSG00000097551	11.31922962	9.043024169	9.886114669	5.638203705	7.87814045
ENSMUSG00000097552	10.61177777	7.651789682	7.061510478	6.443661377	8.594335036
ENSMUSG00000097553	26.88317035	59.82308296	48.7244223	122.4295662	76.63282074
ENSMUSG00000097554	24.76081479	26.43345526	23.30298458	68.46390213	48.70123187
ENSMUSG00000097557	16.97884443	30.60715873	19.77222934	26.58010318	21.48583759

ENSMUSG00000097558	8.489422215	7.651789682	7.767661525	4.832746033	7.87814045
ENSMUSG00000097559	19.80865184	18.08604834	21.18453143	21.74735715	21.48583759
ENSMUSG00000097560	9.196874066	4.173703463	9.179963621	8.860034393	5.729556691
ENSMUSG00000097561	7.781970364	4.869320706	9.179963621	6.443661377	7.161945863
ENSMUSG00000097562	10.61177777	11.82549314	7.061510478	4.02728836	2.864778345
ENSMUSG00000097563	12.02668147	6.260555194	6.35535943	2.416373016	6.445751277
ENSMUSG00000097564	53.7663407	88.34338996	75.55816211	78.12939419	78.7814045
ENSMUSG00000097566	5.65961481	5.56493795	9.886114669	8.860034393	5.013362104
ENSMUSG00000097567	30.4204296	37.56333116	36.01370344	153.8424154	98.11865833
ENSMUSG00000097569	13.44158517	11.82549314	12.00456781	8.860034393	11.45911338
ENSMUSG00000097571	0	0	0	0	0
ENSMUSG00000097572	8.489422215	7.651789682	3.530755239	8.054576721	5.729556691
ENSMUSG00000097573	6.367066661	11.1298759	6.35535943	6.443661377	8.594335036
ENSMUSG00000097574	3.537259256	11.1298759	5.649208382	8.860034393	7.87814045
ENSMUSG00000097575	7.781970364	5.56493795	6.35535943	4.02728836	7.161945863
ENSMUSG00000097576	29.71297775	34.78086219	36.71985448	45.91108731	49.41742646
ENSMUSG00000097577	98.33580733	155.1226454	134.1686991	230.3608942	180.4810358
ENSMUSG00000097578	48.81417774	63.30116918	67.08434954	54.7711217	50.84981563
ENSMUSG00000097579	31.83533331	36.17209668	37.42600553	67.65844446	68.0384857
ENSMUSG00000097580	25.46826665	39.6501829	38.13215658	20.1364418	16.47247549
ENSMUSG00000097582	12.73413332	4.173703463	3.530755239	6.443661377	5.729556691
ENSMUSG00000097583	26.1757185	57.73623123	37.42600553	39.46742593	34.37734014
ENSMUSG00000097584	39.61730367	25.73783802	28.24604191	99.87675134	60.87653984
ENSMUSG00000097585	60.13340736	90.43024169	67.79050059	188.4770953	141.8065281
ENSMUSG00000097586	108.9475851	162.0788178	139.1117564	63.6311561	82.36237743
ENSMUSG00000097587	9.904325918	6.260555194	9.179963621	10.47094974	5.013362104
ENSMUSG00000097588	9.196874066	15.99919661	8.473812573	9.665492065	10.7429188
ENSMUSG00000097589	31.12788146	50.08444155	33.89525029	40.2728836	24.35061594
ENSMUSG00000097590	29.71297775	54.25814501	45.8998181	33.82922223	41.53928601
ENSMUSG00000097591	4.244711108	4.869320706	12.00456781	19.33098413	14.32389173
ENSMUSG00000097592	24.76081479	34.08524495	38.13215658	41.07834128	39.39070225
ENSMUSG00000097593	9.904325918	4.173703463	7.767661525	5.638203705	6.445751277
ENSMUSG00000097594	6.367066661	7.651789682	8.473812573	5.638203705	6.445751277
ENSMUSG00000097595	59.42595551	95.99517964	83.32582364	120.0131931	91.67290705
ENSMUSG00000097596	8.489422215	6.260555194	8.473812573	5.638203705	7.161945863
ENSMUSG00000097597	7.781970364	9.738641413	12.71071886	5.638203705	3.580972932
ENSMUSG00000097598	14.14903703	8.347406925	10.59226572	1.610915344	5.013362104
ENSMUSG00000097599	6.367066661	4.173703463	4.943057334	4.02728836	11.45911338
ENSMUSG00000097601	8.489422215	12.52111039	7.767661525	4.02728836	7.87814045
ENSMUSG00000097602	14.85648888	14.60796212	10.59226572	12.08186508	13.60769714
ENSMUSG00000097603	9.196874066	7.651789682	5.649208382	12.88732275	8.594335036
ENSMUSG00000097604	4.952162959	15.30357936	10.59226572	16.91461111	9.310529622
ENSMUSG00000097605	11.31922962	15.99919661	7.767661525	10.47094974	12.17530797

ENSMUSG00000097608	7.074518513	9.043024169	12.00456781	2.416373016	4.297167518
ENSMUSG00000097609	9.904325918	8.347406925	9.179963621	4.832746033	7.161945863
ENSMUSG00000097610	7.781970364	9.738641413	5.649208382	4.832746033	6.445751277
ENSMUSG00000097612	3.537259256	9.738641413	11.29841676	12.88732275	7.87814045
ENSMUSG00000097613	9.904325918	6.956172438	10.59226572	8.054576721	7.87814045
ENSMUSG00000097614	9.904325918	18.78166558	16.2414741	21.74735715	22.91822676
ENSMUSG00000097615	4.952162959	4.173703463	7.767661525	5.638203705	5.729556691
ENSMUSG00000097616	9.196874066	29.21592424	20.47838039	20.94189947	20.769643
ENSMUSG00000097617	8.489422215	6.260555194	2.824604191	10.47094974	6.445751277
ENSMUSG00000097618	6.367066661	8.347406925	8.473812573	4.02728836	7.161945863
ENSMUSG00000097619	8.489422215	13.91234488	9.179963621	7.249119049	8.594335036
ENSMUSG00000097620	31.12788146	42.43265187	33.89525029	68.46390213	57.29556691
ENSMUSG00000097621	9.196874066	5.56493795	8.473812573	5.638203705	6.445751277
ENSMUSG00000097622	7.781970364	7.651789682	9.179963621	3.221830688	5.013362104
ENSMUSG00000097623	5.65961481	5.56493795	8.473812573	4.832746033	3.580972932
ENSMUSG00000097624	12.02668147	6.956172438	4.236906287	6.443661377	5.013362104
ENSMUSG00000097625	4.952162959	5.56493795	2.824604191	8.860034393	8.594335036
ENSMUSG00000097626	9.196874066	5.56493795	5.649208382	3.221830688	3.580972932
ENSMUSG00000097627	7.781970364	11.1298759	5.649208382	4.02728836	2.864778345
ENSMUSG00000097628	9.904325918	6.260555194	4.236906287	4.02728836	7.87814045
ENSMUSG00000097630	12.73413332	6.956172438	7.767661525	6.443661377	6.445751277
ENSMUSG00000097631	29.0055259	54.25814501	44.48751601	64.43661377	55.86317773
ENSMUSG00000097632	4.244711108	4.869320706	4.943057334	4.02728836	7.161945863
ENSMUSG00000097633	9.904325918	8.347406925	9.179963621	4.832746033	3.580972932
ENSMUSG00000097634	55.88869625	82.08283477	64.96589639	30.60739154	49.41742646
ENSMUSG00000097635	56.5961481	86.25653823	72.73355792	69.2693598	86.65954495
ENSMUSG00000097636	38.20239997	60.51870021	52.96132858	26.58010318	25.78300511
ENSMUSG00000097637	12.02668147	23.65098629	17.65377619	12.88732275	16.47247549
ENSMUSG00000097638	4.952162959	9.043024169	8.473812573	3.221830688	5.013362104
ENSMUSG00000097639	2.829807405	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000097640	118.1444592	157.2094971	156.7655326	110.3477011	111.0101609
ENSMUSG00000097641	69.33028142	90.43024169	98.86114669	168.3406535	132.4959985
ENSMUSG00000097642	7.074518513	8.347406925	6.35535943	3.221830688	7.161945863
ENSMUSG00000097644	9.904325918	5.56493795	8.473812573	6.443661377	4.297167518
ENSMUSG00000097645	11.31922962	8.347406925	9.179963621	11.27640741	7.87814045
ENSMUSG00000097646	9.196874066	6.260555194	12.00456781	5.638203705	7.87814045
ENSMUSG00000097648	12.02668147	8.347406925	7.061510478	5.638203705	2.864778345
ENSMUSG00000097649	21.93100739	25.04222078	28.24604191	9.665492065	14.32389173
ENSMUSG00000097650	5.65961481	10.43425866	12.00456781	4.832746033	7.161945863
ENSMUSG00000097651	9.196874066	4.173703463	4.943057334	8.054576721	5.729556691
ENSMUSG00000097652	6.367066661	5.56493795	8.473812573	7.249119049	7.87814045
ENSMUSG00000097653	11.31922962	13.21672763	9.179963621	4.832746033	7.161945863
ENSMUSG00000097654	6.367066661	3.478086219	10.59226572	8.054576721	7.161945863



ENSMUSG00000097655	9.904325918	6.260555194	2.824604191	4.832746033	10.7429188
ENSMUSG00000097656	8.489422215	11.82549314	10.59226572	10.47094974	12.17530797
ENSMUSG00000097657	9.904325918	13.91234488	8.473812573	3.221830688	10.02672421
ENSMUSG00000097658	17.68629628	20.17290007	21.89068248	75.71302118	45.12025894
ENSMUSG00000097659	9.196874066	11.1298759	9.179963621	12.08186508	6.445751277
ENSMUSG00000097660	41.03220737	65.38802092	56.49208382	95.84946298	80.21379367
ENSMUSG00000097661	19.10119998	18.08604834	21.89068248	16.91461111	10.7429188
ENSMUSG00000097662	26.1757185	51.47567604	46.60596915	57.99295239	52.2822048
ENSMUSG00000097664	10.61177777	25.73783802	20.47838039	35.44013757	32.22875639
ENSMUSG00000097665	11.31922962	33.3896277	34.60140134	50.74383334	32.22875639
ENSMUSG00000097666	10.61177777	7.651789682	8.473812573	3.221830688	10.02672421
ENSMUSG00000097667	9.196874066	16.69481385	24.71528667	11.27640741	15.7562809
ENSMUSG00000097668	3.537259256	5.56493795	5.649208382	7.249119049	5.013362104
ENSMUSG00000097669	0.707451851	0	0.706151048	0.805457672	0.716194586
ENSMUSG00000097670	9.904325918	9.043024169	13.41686991	4.832746033	8.594335036
ENSMUSG00000097671	13.44158517	14.60796212	15.53532305	15.30369577	12.17530797
ENSMUSG00000097672	136.5382073	186.4254213	180.7746682	261.7737434	198.3859004
ENSMUSG00000097673	16.97884443	25.04222078	29.65834401	134.5114312	102.4158258
ENSMUSG00000097674	43.15456293	55.6493795	52.96132858	64.43661377	52.2822048
ENSMUSG00000097675	10.61177777	20.86851731	15.53532305	22.55281482	15.04008631
ENSMUSG00000097676	9.904325918	7.651789682	3.530755239	9.665492065	7.161945863
ENSMUSG00000097677	2.122355554	4.173703463	4.236906287	2.416373016	3.580972932
ENSMUSG00000097679	9.904325918	8.347406925	5.649208382	7.249119049	5.013362104
ENSMUSG00000097680	9.196874066	12.52111039	9.886114669	4.832746033	8.594335036
ENSMUSG00000097681	12.02668147	27.12907251	23.30298458	57.99295239	47.2688427
ENSMUSG00000097682	9.196874066	12.52111039	7.061510478	4.832746033	6.445751277
ENSMUSG00000097683	12.73413332	8.347406925	8.473812573	4.832746033	7.87814045
ENSMUSG00000097684	4.244711108	2.086851731	2.118453143	0.805457672	2.864778345
ENSMUSG00000097685	53.7663407	55.6493795	67.08434954	53.96566403	45.83645353
ENSMUSG00000097686	9.904325918	15.30357936	12.00456781	8.860034393	10.7429188
ENSMUSG00000097689	5.65961481	9.043024169	12.71071886	8.860034393	2.864778345
ENSMUSG00000097690	20.51610369	46.60635533	37.42600553	25.77464551	48.70123187
ENSMUSG00000097691	11.31922962	6.260555194	3.530755239	6.443661377	6.445751277
ENSMUSG00000097692	39.61730367	70.25734162	51.54902649	59.60386773	64.45751277
ENSMUSG00000097693	7.074518513	7.651789682	7.767661525	8.054576721	5.729556691
ENSMUSG00000097694	5.65961481	10.43425866	8.473812573	2.416373016	4.297167518
ENSMUSG00000097695	14.14903703	4.869320706	7.767661525	4.02728836	10.7429188
ENSMUSG00000097697	12.02668147	7.651789682	7.767661525	9.665492065	5.729556691
ENSMUSG00000097698	6.367066661	5.56493795	7.767661525	6.443661377	5.013362104
ENSMUSG00000097699	36.08004441	61.21431745	44.48751601	45.10562964	51.56601022
ENSMUSG00000097700	9.904325918	11.82549314	6.35535943	37.05105292	40.10689684
ENSMUSG00000097701	9.904325918	6.956172438	4.943057334	4.832746033	2.148583759
ENSMUSG00000097702	3.537259256	9.738641413	8.473812573	5.638203705	7.87814045

ENSMUSG00000097703	12.02668147	10.43425866	8.473812573	12.08186508	10.02672421
ENSMUSG00000097704	30.4204296	60.51870021	59.31668801	38.66196826	37.24211849
ENSMUSG00000097705	109.6550369	125.9067211	109.4534124	74.10210583	65.17370736
ENSMUSG00000097707	157.054311	207.9895559	177.243913	241.6373016	179.0486466
ENSMUSG00000097709	11.31922962	8.347406925	10.59226572	10.47094974	7.161945863
ENSMUSG00000097710	7.074518513	4.869320706	4.236906287	4.832746033	7.161945863
ENSMUSG00000097711	9.196874066	5.56493795	11.29841676	4.02728836	7.87814045
ENSMUSG00000097712	4.952162959	6.260555194	10.59226572	9.665492065	6.445751277
ENSMUSG00000097713	14.14903703	12.52111039	3.530755239	4.02728836	8.594335036
ENSMUSG00000097714	14.14903703	23.65098629	20.47838039	20.1364418	25.78300511
ENSMUSG00000097715	31.12788146	67.47487265	60.72899011	28.9964762	27.21539428
ENSMUSG00000097716	7.074518513	9.043024169	7.061510478	4.02728836	9.310529622
ENSMUSG00000097717	8.489422215	8.347406925	8.473812573	5.638203705	8.594335036
ENSMUSG00000097718	4.244711108	12.52111039	8.473812573	8.054576721	10.7429188
ENSMUSG00000097719	10.61177777	8.347406925	9.886114669	4.832746033	6.445751277
ENSMUSG00000097720	11.31922962	11.1298759	14.829172	11.27640741	7.87814045
ENSMUSG00000097722	23.34591109	32.69401046	31.0706461	33.82922223	39.39070225
ENSMUSG00000097723	36.08004441	41.04141738	43.78136496	33.02376456	44.40406435
ENSMUSG00000097724	25.46826665	54.25814501	48.01827125	83.7675979	75.20043157
ENSMUSG00000097725	9.904325918	4.869320706	7.767661525	8.054576721	7.87814045
ENSMUSG00000097726	11.31922962	4.869320706	6.35535943	4.02728836	6.445751277
ENSMUSG00000097727	7.781970364	8.347406925	7.767661525	10.47094974	8.594335036
ENSMUSG00000097728	11.31922962	8.347406925	4.943057334	9.665492065	7.161945863
ENSMUSG00000097729	43.86201478	71.64857611	69.20280268	60.40932541	47.2688427
ENSMUSG00000097730	4.952162959	4.173703463	6.35535943	7.249119049	9.310529622
ENSMUSG00000097731	69.33028142	75.82227957	79.08891735	155.4533307	136.0769714
ENSMUSG00000097732	0	1.391234488	0	0.805457672	0
ENSMUSG00000097734	5.65961481	4.173703463	4.236906287	7.249119049	3.580972932
ENSMUSG00000097735	9.904325918	6.260555194	7.767661525	6.443661377	7.87814045
ENSMUSG00000097736	5.65961481	6.260555194	6.35535943	6.443661377	5.729556691
ENSMUSG00000097737	13.44158517	11.82549314	15.53532305	11.27640741	14.32389173
ENSMUSG00000097738	6.367066661	5.56493795	5.649208382	5.638203705	5.013362104
ENSMUSG00000097739	10.61177777	7.651789682	5.649208382	6.443661377	8.594335036
ENSMUSG00000097740	8.489422215	3.478086219	7.767661525	6.443661377	6.445751277
ENSMUSG00000097742	6.367066661	13.21672763	9.886114669	6.443661377	5.013362104
ENSMUSG00000097743	16.97884443	24.34660353	22.59683353	24.96918783	27.93158887
ENSMUSG00000097744	33.95768886	54.95376226	41.66291182	125.6513968	83.7947666
ENSMUSG00000097745	5.65961481	4.869320706	9.886114669	5.638203705	10.02672421
ENSMUSG00000097746	14.14903703	26.43345526	17.65377619	25.77464551	28.64778345
ENSMUSG00000097747	98.33580733	124.5154866	113.6903187	196.531672	144.6713064
ENSMUSG00000097748	57.30359995	79.99598303	69.20280268	139.3441773	114.5911338
ENSMUSG00000097749	13.44158517	24.34660353	19.77222934	10.47094974	14.32389173
ENSMUSG00000097750	14.85648888	22.2597518	15.53532305	16.91461111	15.04008631

ENSMUSG00000097751	33.25023701	45.91073809	47.3121202	60.40932541	51.56601022
ENSMUSG00000097752	10.61177777	6.260555194	8.473812573	4.02728836	5.729556691
ENSMUSG00000097753	4.244711108	4.869320706	2.824604191	8.054576721	3.580972932
ENSMUSG00000097754	7.781970364	11.1298759	6.35535943	5.638203705	5.729556691
ENSMUSG00000097755	23.34591109	27.82468975	25.42143772	35.44013757	30.79636721
ENSMUSG00000097756	5.65961481	9.043024169	4.236906287	4.02728836	7.161945863
ENSMUSG00000097757	20.51610369	22.95536904	36.71985448	35.44013757	36.5259239
ENSMUSG00000097758	0	0	0	0	0
ENSMUSG00000097759	26.1757185	60.51870021	40.95676077	66.85298678	63.74131818
ENSMUSG00000097760	93.38364437	165.556904	142.6425116	154.647873	108.1453825
ENSMUSG00000097761	7.781970364	8.347406925	5.649208382	4.02728836	7.161945863
ENSMUSG00000097762	4.244711108	5.56493795	10.59226572	5.638203705	4.297167518
ENSMUSG00000097763	12.02668147	20.17290007	24.00913562	16.91461111	17.90486466
ENSMUSG00000097764	8.489422215	6.956172438	15.53532305	12.88732275	8.594335036
ENSMUSG00000097766	6.367066661	4.173703463	4.236906287	19.33098413	14.32389173
ENSMUSG00000097767	3.537259256	1.391234488	2.118453143	0.805457672	0.716194586
ENSMUSG00000097768	9.904325918	11.82549314	9.886114669	4.832746033	7.87814045
ENSMUSG00000097769	0	0.695617244	0	0	0
ENSMUSG00000097770	9.196874066	6.956172438	6.35535943	5.638203705	8.594335036
ENSMUSG00000097772	60.84085921	98.08203137	81.20737049	259.3573704	209.8450138
ENSMUSG00000097773	11.31922962	14.60796212	13.41686991	29.80193387	20.05344842
ENSMUSG00000097774	3.537259256	13.21672763	9.179963621	9.665492065	6.445751277
ENSMUSG00000097775	19.80865184	31.99839321	36.01370344	98.265836	78.7814045
ENSMUSG00000097776	3.537259256	3.478086219	7.061510478	8.054576721	8.594335036
ENSMUSG00000097777	106.8252295	146.7752384	139.8179075	104.7094974	97.40246374
ENSMUSG00000097779	49.52162959	68.17048989	64.96589639	25.77464551	35.09353473
ENSMUSG00000097780	9.196874066	7.651789682	21.18453143	7.249119049	5.013362104
ENSMUSG00000097781	14.14903703	51.47567604	40.95676077	83.7675979	75.91662615
ENSMUSG00000097783	11.31922962	6.956172438	4.943057334	8.054576721	8.594335036
ENSMUSG00000097784	36.78749627	56.34499675	57.90438592	106.3204127	116.023523
ENSMUSG00000097785	87.72402956	133.5585108	124.9887355	128.0677699	129.6312201
ENSMUSG00000097786	67.20792587	150.9489419	110.1595635	121.6241085	133.9283876
ENSMUSG00000097787	7.781970364	11.82549314	9.886114669	7.249119049	9.310529622
ENSMUSG00000097788	4.952162959	9.738641413	7.061510478	4.832746033	7.161945863
ENSMUSG00000097789	7.074518513	5.56493795	6.35535943	4.02728836	3.580972932
ENSMUSG00000097790	8.489422215	5.56493795	9.179963621	5.638203705	6.445751277
ENSMUSG00000097791	33.25023701	33.3896277	43.78136496	19.33098413	18.62105924
ENSMUSG00000097792	3.537259256	14.60796212	8.473812573	36.24559524	30.08017263
ENSMUSG00000097793	18.39374813	30.60715873	24.00913562	59.60386773	48.70123187
ENSMUSG00000097794	4.952162959	4.173703463	4.236906287	11.27640741	6.445751277
ENSMUSG00000097795	9.196874066	8.347406925	6.35535943	7.249119049	6.445751277
ENSMUSG00000097796	7.074518513	7.651789682	6.35535943	4.02728836	5.729556691
ENSMUSG00000097797	6.367066661	6.260555194	6.35535943	8.054576721	8.594335036

ENSMUSG00000097798	4.952162959	5.56493795	11.29841676	2.416373016	5.729556691
ENSMUSG00000097799	26.1757185	52.17129328	40.25060972	40.2728836	45.83645353
ENSMUSG00000097800	7.781970364	10.43425866	12.00456781	15.30369577	13.60769714
ENSMUSG00000097801	6.367066661	4.869320706	10.59226572	5.638203705	8.594335036
ENSMUSG00000097803	7.781970364	6.956172438	6.35535943	5.638203705	7.161945863
ENSMUSG00000097804	7.781970364	9.043024169	10.59226572	0.805457672	3.580972932
ENSMUSG00000097805	10.61177777	7.651789682	8.473812573	8.860034393	2.864778345
ENSMUSG00000097806	2.122355554	4.173703463	3.530755239	2.416373016	1.432389173
ENSMUSG00000097807	3.537259256	6.260555194	5.649208382	6.443661377	5.013362104
ENSMUSG00000097809	15.56394073	20.86851731	21.18453143	12.08186508	17.90486466
ENSMUSG00000097810	67.20792587	93.21271067	91.09348516	190.0880106	135.3607768
ENSMUSG00000097811	8.489422215	4.869320706	14.12302096	10.47094974	10.02672421
ENSMUSG00000097812	7.781970364	5.56493795	7.061510478	5.638203705	8.594335036
ENSMUSG00000097814	5.65961481	12.52111039	11.29841676	5.638203705	7.161945863
ENSMUSG00000097815	9.904325918	16.69481385	15.53532305	8.054576721	11.45911338
ENSMUSG00000097816	11.31922962	7.651789682	9.179963621	6.443661377	4.297167518
ENSMUSG00000097817	8.489422215	9.738641413	11.29841676	6.443661377	8.594335036
ENSMUSG00000097818	47.39927403	65.38802092	68.49665163	66.04752911	45.83645353
ENSMUSG00000097819	8.489422215	5.56493795	13.41686991	9.665492065	7.161945863
ENSMUSG00000097820	9.196874066	3.478086219	8.473812573	7.249119049	5.013362104
ENSMUSG00000097822	12.02668147	9.043024169	11.29841676	7.249119049	9.310529622
ENSMUSG00000097823	8.489422215	9.738641413	2.118453143	4.832746033	6.445751277
ENSMUSG00000097824	6.367066661	3.478086219	2.824604191	2.416373016	2.864778345
ENSMUSG00000097825	7.074518513	6.260555194	12.71071886	5.638203705	4.297167518
ENSMUSG00000097827	14.85648888	27.12907251	22.59683353	26.58010318	22.20203218
ENSMUSG00000097828	7.074518513	4.869320706	4.236906287	6.443661377	7.87814045
ENSMUSG00000097831	49.52162959	76.51789682	48.01827125	77.32393652	56.57937232
ENSMUSG00000097832	6.367066661	6.260555194	11.29841676	4.832746033	4.297167518
ENSMUSG00000097833	7.781970364	9.043024169	5.649208382	8.860034393	9.310529622
ENSMUSG00000097834	7.074518513	4.869320706	9.886114669	6.443661377	2.864778345
ENSMUSG00000097835	40.32475552	67.47487265	69.90895373	157.0642461	128.9150255
ENSMUSG00000097836	15.56394073	15.30357936	21.18453143	4.832746033	15.04008631
ENSMUSG00000097837	6.367066661	6.956172438	4.943057334	6.443661377	5.729556691
ENSMUSG00000097838	219.3100739	222.597518	243.6221115	130.4841429	136.0769714
ENSMUSG00000097839	9.904325918	20.17290007	11.29841676	8.054576721	18.62105924
ENSMUSG00000097840	6.367066661	9.043024169	9.886114669	6.443661377	5.013362104
ENSMUSG00000097841	7.781970364	7.651789682	4.236906287	4.02728836	5.729556691
ENSMUSG00000097842	7.074518513	4.869320706	3.530755239	8.054576721	5.729556691
ENSMUSG00000097843	8.489422215	9.738641413	7.767661525	3.221830688	5.729556691
ENSMUSG00000097845	21.22355554	31.30277597	35.30755239	45.91108731	46.55264811
ENSMUSG00000097847	11.31922962	4.869320706	2.824604191	5.638203705	8.594335036
ENSMUSG00000097848	6.367066661	6.956172438	3.530755239	4.832746033	10.02672421
ENSMUSG00000097849	7.781970364	6.956172438	14.12302096	4.02728836	7.161945863

ENSMUSG00000097850	5.65961481	5.56493795	5.649208382	3.221830688	4.297167518
ENSMUSG00000097851	4.952162959	5.56493795	1.412302096	10.47094974	3.580972932
ENSMUSG00000097852	18.39374813	31.99839321	23.30298458	37.85651059	35.80972932
ENSMUSG00000097853	11.31922962	8.347406925	7.767661525	6.443661377	5.729556691
ENSMUSG00000097854	6.367066661	6.956172438	9.886114669	5.638203705	5.729556691
ENSMUSG00000097855	91.26128881	143.2971522	132.756397	185.2552646	156.1304198
ENSMUSG00000097857	11.31922962	9.043024169	8.473812573	22.55281482	25.78300511
ENSMUSG00000097858	41.73965922	58.43184848	53.66747963	96.65492065	82.36237743
ENSMUSG00000097859	9.196874066	9.738641413	13.41686991	5.638203705	5.729556691
ENSMUSG00000097860	416.6891404	379.1113979	331.1848414	316.5448651	222.0203218
ENSMUSG00000097861	11.31922962	13.91234488	9.886114669	44.30017197	21.48583759
ENSMUSG00000097862	9.196874066	6.956172438	5.649208382	11.27640741	9.310529622
ENSMUSG00000097863	64.37811846	84.86530374	76.97046421	84.57305557	83.7947666
ENSMUSG00000097864	7.781970364	8.347406925	4.943057334	7.249119049	4.297167518
ENSMUSG00000097867	31.83533331	41.73703463	41.66291182	55.57657937	47.98503729
ENSMUSG00000097868	21.22355554	36.17209668	31.0706461	34.6346799	26.49919969
ENSMUSG00000097869	10.61177777	4.869320706	9.179963621	2.416373016	6.445751277
ENSMUSG00000097870	5.65961481	4.869320706	7.767661525	3.221830688	9.310529622
ENSMUSG00000097872	13.44158517	15.30357936	14.829172	20.1364418	17.90486466
ENSMUSG00000097873	7.074518513	6.260555194	9.886114669	8.860034393	5.729556691
ENSMUSG00000097874	90.55383696	140.5146832	105.2165061	134.5114312	120.3206905
ENSMUSG00000097875	9.196874066	2.782468975	9.179963621	4.02728836	5.013362104
ENSMUSG00000097876	7.074518513	15.30357936	16.94762515	21.74735715	20.05344842
ENSMUSG00000097877	6.367066661	6.260555194	5.649208382	10.47094974	10.7429188
ENSMUSG00000097879	53.7663407	81.38721752	72.73355792	53.96566403	45.12025894
ENSMUSG00000097881	7.781970364	11.1298759	8.473812573	4.02728836	5.729556691
ENSMUSG00000097882	8.489422215	15.30357936	14.12302096	20.94189947	20.05344842
ENSMUSG00000097883	17.68629628	19.47728283	16.94762515	12.88732275	20.769643
ENSMUSG00000097884	12.02668147	4.869320706	11.29841676	4.832746033	5.013362104
ENSMUSG00000097885	34.66514071	89.73462445	62.84744325	79.74030954	82.36237743
ENSMUSG00000097886	7.074518513	8.347406925	5.649208382	8.054576721	8.594335036
ENSMUSG00000097887	10.61177777	11.1298759	14.829172	9.665492065	8.594335036
ENSMUSG00000097888	6.367066661	12.52111039	7.767661525	7.249119049	9.310529622
ENSMUSG00000097889	9.904325918	26.43345526	16.2414741	24.16373016	26.49919969
ENSMUSG00000097890	7.074518513	10.43425866	2.118453143	7.249119049	12.89150255
ENSMUSG00000097891	10.61177777	8.347406925	4.236906287	11.27640741	12.89150255
ENSMUSG00000097892	50.22908144	82.08283477	61.43514116	192.5043836	145.387501
ENSMUSG00000097893	105.4103258	138.4278315	122.1641313	248.8864207	189.7915654
ENSMUSG00000097895	13.44158517	19.47728283	19.06607829	24.16373016	20.05344842
ENSMUSG00000097896	9.196874066	6.956172438	7.767661525	4.02728836	7.161945863
ENSMUSG00000097897	8.489422215	4.173703463	6.35535943	4.832746033	6.445751277
ENSMUSG00000097898	11.31922962	8.347406925	5.649208382	9.665492065	8.594335036
ENSMUSG00000097899	7.074518513	9.738641413	6.35535943	15.30369577	9.310529622

ENSMUSG00000097900	11.31922962	11.1298759	12.00456781	14.4982381	11.45911338
ENSMUSG00000097901	12.73413332	6.956172438	7.767661525	8.860034393	10.02672421
ENSMUSG00000097902	11.31922962	21.56413456	13.41686991	10.47094974	19.33725383
ENSMUSG00000097903	8.489422215	22.95536904	26.12758877	16.10915344	19.33725383
ENSMUSG00000097904	8.489422215	15.99919661	16.2414741	7.249119049	10.7429188
ENSMUSG00000097906	9.196874066	13.21672763	11.29841676	20.94189947	11.45911338
ENSMUSG00000097907	7.074518513	4.869320706	8.473812573	2.416373016	7.87814045
ENSMUSG00000097908	9.196874066	10.43425866	7.061510478	4.832746033	6.445751277
ENSMUSG00000097910	5.65961481	5.56493795	8.473812573	4.02728836	5.729556691
ENSMUSG00000097911	0	0	0	0	0.716194586
ENSMUSG00000097912	120.9742666	127.9935729	129.2256417	244.0536746	170.4543116
ENSMUSG00000097913	12.02668147	6.956172438	8.473812573	4.02728836	7.87814045
ENSMUSG00000097914	8.489422215	18.78166558	14.829172	7.249119049	12.89150255
ENSMUSG00000097915	4.952162959	10.43425866	8.473812573	8.054576721	12.89150255
ENSMUSG00000097917	38.90985182	57.04061399	65.67204744	78.93485187	80.21379367
ENSMUSG00000097918	4.952162959	0.695617244	2.824604191	4.02728836	4.297167518
ENSMUSG00000097920	12.02668147	5.56493795	9.886114669	8.860034393	5.013362104
ENSMUSG00000097921	7.074518513	5.56493795	7.767661525	5.638203705	5.729556691
ENSMUSG00000097922	12.73413332	3.478086219	5.649208382	3.221830688	5.729556691
ENSMUSG00000097923	21.22355554	25.73783802	28.24604191	19.33098413	12.17530797
ENSMUSG00000097924	9.196874066	6.956172438	4.943057334	6.443661377	4.297167518
ENSMUSG00000097925	6.367066661	10.43425866	16.2414741	5.638203705	9.310529622
ENSMUSG00000097926	8.489422215	10.43425866	7.767661525	4.832746033	6.445751277
ENSMUSG00000097927	9.196874066	7.651789682	14.829172	10.47094974	13.60769714
ENSMUSG00000097928	5.65961481	9.043024169	12.00456781	4.02728836	2.864778345
ENSMUSG00000097929	4.244711108	4.869320706	4.943057334	8.054576721	5.729556691
ENSMUSG00000097930	10.61177777	5.56493795	13.41686991	1.610915344	10.02672421
ENSMUSG00000097931	9.904325918	4.173703463	2.824604191	8.054576721	9.310529622
ENSMUSG00000097932	9.904325918	9.043024169	9.179963621	8.054576721	6.445751277
ENSMUSG00000097933	12.02668147	17.39043109	17.65377619	21.74735715	22.91822676
ENSMUSG00000097934	8.489422215	6.956172438	7.061510478	6.443661377	6.445751277
ENSMUSG00000097935	9.904325918	11.1298759	9.886114669	8.860034393	2.148583759
ENSMUSG00000097936	7.074518513	4.173703463	3.530755239	8.054576721	8.594335036
ENSMUSG00000097937	5.65961481	3.478086219	7.061510478	2.416373016	4.297167518
ENSMUSG00000097938	7.781970364	9.738641413	8.473812573	4.832746033	7.161945863
ENSMUSG00000097939	4.952162959	5.56493795	7.767661525	9.665492065	5.013362104
ENSMUSG00000097940	7.074518513	9.738641413	4.943057334	4.02728836	4.297167518
ENSMUSG00000097941	8.489422215	7.651789682	8.473812573	8.054576721	6.445751277
ENSMUSG00000097942	14.85648888	6.260555194	5.649208382	8.054576721	3.580972932
ENSMUSG00000097943	4.952162959	6.260555194	7.061510478	1.610915344	4.297167518
ENSMUSG00000097944	99.75071103	159.9919661	136.2871522	129.6786852	118.8883013
ENSMUSG00000097945	17.68629628	18.78166558	17.65377619	7.249119049	8.594335036
ENSMUSG00000097946	9.196874066	3.478086219	6.35535943	4.02728836	7.161945863

ENSMUSG00000097947	3.537259256	9.043024169	9.179963621	7.249119049	6.445751277
ENSMUSG00000097948	11.31922962	9.738641413	10.59226572	8.860034393	2.148583759
ENSMUSG00000097949	6.367066661	13.21672763	7.767661525	4.02728836	3.580972932
ENSMUSG00000097950	6.367066661	11.82549314	9.179963621	2.416373016	6.445751277
ENSMUSG00000097951	7.074518513	5.56493795	7.767661525	6.443661377	3.580972932
ENSMUSG00000097952	13.44158517	8.347406925	8.473812573	3.221830688	5.729556691
ENSMUSG00000097953	2.122355554	4.869320706	6.35535943	2.416373016	3.580972932
ENSMUSG00000097954	9.904325918	8.347406925	5.649208382	7.249119049	7.87814045
ENSMUSG00000097955	9.904325918	6.956172438	7.061510478	7.249119049	9.310529622
ENSMUSG00000097956	11.31922962	10.43425866	9.886114669	6.443661377	7.87814045
ENSMUSG00000097957	12.02668147	5.56493795	3.530755239	4.832746033	6.445751277
ENSMUSG00000097958	8.489422215	7.651789682	4.236906287	5.638203705	7.161945863
ENSMUSG00000097959	9.196874066	7.651789682	5.649208382	2.416373016	5.729556691
ENSMUSG00000097960	7.074518513	5.56493795	7.767661525	7.249119049	7.161945863
ENSMUSG00000097961	0	0.695617244	1.412302096	0	0
ENSMUSG00000097962	8.489422215	4.869320706	8.473812573	2.416373016	10.02672421
ENSMUSG00000097963	13.44158517	11.1298759	8.473812573	6.443661377	6.445751277
ENSMUSG00000097964	7.074518513	6.260555194	9.179963621	4.832746033	10.02672421
ENSMUSG00000097965	9.196874066	6.956172438	9.179963621	8.054576721	7.161945863
ENSMUSG00000097966	9.196874066	8.347406925	7.061510478	6.443661377	10.02672421
ENSMUSG00000097967	8.489422215	5.56493795	6.35535943	5.638203705	7.87814045
ENSMUSG00000097968	6.367066661	4.173703463	7.061510478	6.443661377	5.729556691
ENSMUSG00000097969	11.31922962	6.260555194	8.473812573	4.832746033	8.594335036
ENSMUSG00000097970	0.707451851	0	0.706151048	0	0
ENSMUSG00000097971	280.858385	227.4668387	193.4853871	203.780791	212.7097921
ENSMUSG00000097973	4.244711108	4.869320706	10.59226572	10.47094974	6.445751277
ENSMUSG00000097974	4.952162959	9.738641413	7.061510478	4.832746033	10.02672421
ENSMUSG00000097975	9.196874066	8.347406925	8.473812573	7.249119049	6.445751277
ENSMUSG00000097976	7.781970364	9.043024169	12.00456781	2.416373016	7.161945863
ENSMUSG00000097977	9.196874066	6.956172438	12.00456781	1.610915344	7.87814045
ENSMUSG00000097978	7.781970364	7.651789682	9.886114669	8.054576721	7.87814045
ENSMUSG00000097979	9.196874066	5.56493795	6.35535943	4.832746033	7.87814045
ENSMUSG00000097980	9.196874066	2.782468975	4.236906287	6.443661377	11.45911338
ENSMUSG00000097981	7.074518513	11.1298759	4.943057334	6.443661377	6.445751277
ENSMUSG00000097983	140.0754665	189.9035076	197.0161423	76.51847885	89.52432329
ENSMUSG00000097984	11.31922962	12.52111039	7.061510478	6.443661377	9.310529622
ENSMUSG00000097985	10.61177777	6.260555194	6.35535943	3.221830688	5.013362104
ENSMUSG00000097986	10.61177777	8.347406925	4.943057334	4.02728836	7.87814045
ENSMUSG00000097987	7.074518513	9.043024169	12.71071886	11.27640741	6.445751277
ENSMUSG00000097988	12.02668147	4.869320706	4.236906287	7.249119049	5.729556691
ENSMUSG00000097989	11.31922962	7.651789682	7.767661525	6.443661377	3.580972932
ENSMUSG00000097990	5.65961481	9.043024169	10.59226572	9.665492065	11.45911338
ENSMUSG00000097991	7.781970364	6.260555194	4.236906287	5.638203705	4.297167518

ENSMUSG00000097992	12.02668147	6.956172438	10.59226572	5.638203705	7.161945863
ENSMUSG00000097993	12.73413332	34.08524495	28.24604191	26.58010318	40.10689684
ENSMUSG00000097994	21.93100739	40.34580014	29.65834401	36.24559524	37.24211849
ENSMUSG00000097995	162.7139258	210.7720249	204.7838039	389.0360556	283.6130562
ENSMUSG00000097996	9.196874066	9.043024169	12.00456781	4.832746033	7.161945863
ENSMUSG00000097997	1.414903703	2.782468975	2.824604191	0.805457672	2.864778345
ENSMUSG00000097998	1.414903703	4.173703463	0	4.02728836	4.297167518
ENSMUSG00000097999	9.196874066	6.956172438	7.061510478	9.665492065	10.02672421
ENSMUSG00000098000	94.79854807	158.6007316	144.0548137	265.8010318	189.0753708
ENSMUSG00000098001	9.196874066	8.347406925	6.35535943	6.443661377	10.7429188
ENSMUSG00000098002	9.196874066	7.651789682	9.179963621	8.054576721	5.013362104
ENSMUSG00000098003	6.367066661	6.260555194	8.473812573	6.443661377	7.87814045
ENSMUSG00000098004	12.73413332	9.738641413	13.41686991	12.88732275	12.17530797
ENSMUSG00000098005	7.074518513	6.956172438	4.236906287	5.638203705	5.729556691
ENSMUSG00000098006	3.537259256	7.651789682	9.179963621	0.805457672	5.013362104
ENSMUSG00000098007	6.367066661	4.173703463	11.29841676	5.638203705	5.729556691
ENSMUSG00000098008	4.952162959	4.173703463	5.649208382	9.665492065	5.013362104
ENSMUSG00000098009	15.56394073	13.91234488	9.886114669	17.72006879	15.04008631
ENSMUSG00000098010	11.31922962	8.347406925	7.767661525	12.08186508	7.161945863
ENSMUSG00000098011	9.904325918	5.56493795	4.943057334	4.832746033	5.729556691
ENSMUSG00000098012	8.489422215	8.347406925	7.061510478	2.416373016	11.45911338
ENSMUSG00000098013	7.781970364	6.260555194	7.061510478	4.02728836	7.161945863
ENSMUSG00000098014	7.074518513	4.869320706	6.35535943	4.02728836	6.445751277
ENSMUSG00000098015	7.781970364	7.651789682	9.886114669	4.832746033	5.729556691
ENSMUSG00000098016	7.781970364	6.956172438	4.236906287	8.054576721	3.580972932
ENSMUSG00000098017	12.02668147	6.260555194	4.943057334	3.221830688	6.445751277
ENSMUSG00000098019	8.489422215	11.82549314	7.061510478	6.443661377	4.297167518
ENSMUSG00000098020	4.952162959	4.869320706	2.118453143	3.221830688	4.297167518
ENSMUSG00000098021	10.61177777	8.347406925	13.41686991	4.832746033	7.161945863
ENSMUSG00000098023	2.829807405	2.782468975	4.236906287	2.416373016	5.729556691
ENSMUSG00000098024	120.2668147	185.0341868	161.0024389	288.3538466	229.1822676
ENSMUSG00000098025	7.074518513	9.738641413	7.061510478	5.638203705	5.013362104
ENSMUSG00000098026	309.8639109	306.7672045	295.877289	356.8177487	296.5045587
ENSMUSG00000098027	7.781970364	6.260555194	7.061510478	5.638203705	7.161945863
ENSMUSG00000098028	11.31922962	6.956172438	3.530755239	4.832746033	9.310529622
ENSMUSG00000098029	9.904325918	8.347406925	7.767661525	4.832746033	6.445751277
ENSMUSG00000098030	6.367066661	6.260555194	6.35535943	5.638203705	6.445751277
ENSMUSG00000098031	7.781970364	7.651789682	5.649208382	7.249119049	7.161945863
ENSMUSG00000098033	5.65961481	8.347406925	7.767661525	2.416373016	2.864778345
ENSMUSG00000098035	10.61177777	4.869320706	10.59226572	7.249119049	6.445751277
ENSMUSG00000098036	7.781970364	9.738641413	7.061510478	5.638203705	5.013362104
ENSMUSG00000098037	7.074518513	6.260555194	8.473812573	6.443661377	5.013362104
ENSMUSG00000098038	6.367066661	4.173703463	10.59226572	3.221830688	3.580972932



ENSMUSG0000098039	173.3257036	198.2509145	190.6607829	118.4022778	113.8749392
ENSMUSG0000098040	14.85648888	3.478086219	8.473812573	7.249119049	7.161945863
ENSMUSG0000098041	9.196874066	8.347406925	10.59226572	8.860034393	10.7429188
ENSMUSG0000098042	6.367066661	9.043024169	5.649208382	5.638203705	5.729556691
ENSMUSG0000098043	14.85648888	7.651789682	6.35535943	11.27640741	10.7429188
ENSMUSG0000098044	8.489422215	8.347406925	7.061510478	3.221830688	8.594335036
ENSMUSG0000098045	33.95768886	51.47567604	42.36906287	28.9964762	21.48583759
ENSMUSG0000098046	10.61177777	4.173703463	11.29841676	8.054576721	4.297167518
ENSMUSG0000098047	9.196874066	5.56493795	7.767661525	8.054576721	6.445751277
ENSMUSG0000098048	2.122355554	6.956172438	4.943057334	3.221830688	6.445751277
ENSMUSG0000098050	7.781970364	5.56493795	9.886114669	4.02728836	5.729556691
ENSMUSG0000098051	0	0	0	0	0
ENSMUSG0000098052	9.196874066	6.260555194	5.649208382	9.665492065	9.310529622
ENSMUSG0000098053	2.122355554	4.869320706	5.649208382	8.860034393	7.161945863
ENSMUSG0000098054	6.367066661	4.869320706	9.886114669	5.638203705	6.445751277
ENSMUSG0000098055	7.074518513	7.651789682	7.061510478	6.443661377	8.594335036
ENSMUSG0000098056	8.489422215	10.43425866	9.886114669	8.860034393	5.729556691
ENSMUSG0000098057	14.14903703	23.65098629	16.2414741	16.91461111	20.05344842
ENSMUSG0000098058	8.489422215	8.347406925	2.824604191	3.221830688	5.729556691
ENSMUSG0000098059	5.65961481	6.956172438	5.649208382	6.443661377	5.729556691
ENSMUSG0000098060	5.65961481	7.651789682	8.473812573	10.47094974	5.729556691
ENSMUSG0000098061	1.414903703	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG0000098062	12.73413332	8.347406925	16.2414741	11.27640741	12.17530797
ENSMUSG0000098064	12.73413332	5.56493795	7.767661525	5.638203705	6.445751277
ENSMUSG0000098065	7.781970364	10.43425866	12.00456781	4.02728836	6.445751277
ENSMUSG0000098066	23.34591109	31.99839321	39.54445867	48.32746033	40.10689684
ENSMUSG0000098067	14.85648888	11.82549314	20.47838039	13.69278043	12.17530797
ENSMUSG0000098068	6.367066661	2.086851731	8.473812573	4.02728836	4.297167518
ENSMUSG0000098069	4.952162959	5.56493795	4.943057334	7.249119049	7.161945863
ENSMUSG0000098070	4.244711108	7.651789682	10.59226572	3.221830688	5.729556691
ENSMUSG0000098071	7.781970364	6.260555194	6.35535943	3.221830688	9.310529622
ENSMUSG0000098072	9.904325918	6.260555194	7.767661525	3.221830688	5.729556691
ENSMUSG0000098073	6.367066661	5.56493795	4.943057334	2.416373016	6.445751277
ENSMUSG0000098074	9.196874066	6.956172438	7.061510478	5.638203705	6.445751277
ENSMUSG0000098075	9.196874066	6.260555194	7.061510478	4.02728836	9.310529622
ENSMUSG0000098076	4.952162959	7.651789682	8.473812573	3.221830688	5.013362104
ENSMUSG0000098077	4.952162959	8.347406925	7.767661525	7.249119049	7.87814045
ENSMUSG0000098078	4.952162959	5.56493795	3.530755239	2.416373016	2.148583759
ENSMUSG0000098079	16.27139258	2.782468975	11.29841676	5.638203705	6.445751277
ENSMUSG0000098080	7.781970364	5.56493795	13.41686991	8.054576721	6.445751277
ENSMUSG0000098081	12.02668147	9.043024169	11.29841676	5.638203705	8.594335036
ENSMUSG0000098082	10.61177777	3.478086219	10.59226572	5.638203705	8.594335036
ENSMUSG0000098083	8.489422215	8.347406925	2.118453143	9.665492065	3.580972932

ENSMUSG00000098084	12.02668147	11.82549314	9.179963621	5.638203705	7.87814045
ENSMUSG00000098085	8.489422215	7.651789682	8.473812573	4.832746033	8.594335036
ENSMUSG00000098086	4.244711108	8.347406925	3.530755239	7.249119049	9.310529622
ENSMUSG00000098087	12.02668147	7.651789682	8.473812573	8.054576721	5.013362104
ENSMUSG00000098088	0.707451851	5.56493795	2.824604191	1.610915344	3.580972932
ENSMUSG00000098089	14.14903703	5.56493795	10.59226572	8.860034393	12.17530797
ENSMUSG00000098090	30.4204296	54.25814501	38.83830763	78.93485187	63.0251236
ENSMUSG00000098091	9.196874066	4.173703463	10.59226572	6.443661377	5.729556691
ENSMUSG00000098092	7.781970364	11.82549314	9.179963621	7.249119049	7.87814045
ENSMUSG00000098093	11.31922962	7.651789682	9.886114669	4.832746033	6.445751277
ENSMUSG00000098095	10.61177777	5.56493795	8.473812573	5.638203705	5.729556691
ENSMUSG00000098096	9.904325918	9.043024169	7.061510478	7.249119049	5.013362104
ENSMUSG00000098097	7.074518513	6.956172438	10.59226572	4.832746033	6.445751277
ENSMUSG00000098098	10.61177777	8.347406925	7.767661525	4.02728836	8.594335036
ENSMUSG00000098099	7.781970364	4.869320706	7.767661525	6.443661377	4.297167518
ENSMUSG00000098100	11.31922962	6.260555194	8.473812573	5.638203705	2.864778345
ENSMUSG00000098101	36.78749627	45.21512085	50.13672439	74.9075635	59.44415067
ENSMUSG00000098102	9.904325918	9.043024169	11.29841676	6.443661377	7.161945863
ENSMUSG00000098103	7.781970364	9.738641413	5.649208382	6.443661377	4.297167518
ENSMUSG00000098104	9.196874066	5.56493795	7.061510478	7.249119049	2.864778345
ENSMUSG00000098105	9.904325918	9.043024169	5.649208382	5.638203705	9.310529622
ENSMUSG00000098106	12.02668147	2.782468975	5.649208382	7.249119049	7.161945863
ENSMUSG00000098107	10.61177777	4.869320706	4.943057334	8.054576721	7.161945863
ENSMUSG00000098108	7.074518513	6.956172438	7.061510478	6.443661377	5.729556691
ENSMUSG00000098109	7.781970364	5.56493795	9.886114669	2.416373016	13.60769714
ENSMUSG00000098110	13.44158517	6.260555194	9.886114669	10.47094974	7.87814045
ENSMUSG00000098111	10.61177777	9.043024169	11.29841676	7.249119049	8.594335036
ENSMUSG00000098113	12.02668147	11.1298759	8.473812573	10.47094974	6.445751277
ENSMUSG00000098114	12.02668147	13.21672763	7.061510478	5.638203705	7.87814045
ENSMUSG00000098115	9.196874066	4.173703463	2.824604191	3.221830688	7.87814045
ENSMUSG00000098116	11.31922962	11.1298759	9.179963621	6.443661377	7.161945863
ENSMUSG00000098118	1.414903703	4.173703463	2.824604191	6.443661377	1.432389173
ENSMUSG00000098119	8.489422215	4.869320706	6.35535943	7.249119049	8.594335036
ENSMUSG00000098120	91.26128881	134.254128	112.2780166	324.5994419	266.4243861
ENSMUSG00000098121	15.56394073	18.78166558	15.53532305	27.38556085	25.78300511
ENSMUSG00000098122	5.65961481	6.260555194	7.061510478	5.638203705	4.297167518
ENSMUSG00000098123	9.196874066	4.869320706	7.767661525	4.02728836	7.87814045
ENSMUSG00000098124	9.196874066	8.347406925	9.886114669	4.832746033	5.013362104
ENSMUSG00000098125	9.196874066	5.56493795	10.59226572	8.054576721	2.864778345
ENSMUSG00000098126	7.781970364	11.1298759	10.59226572	4.832746033	5.729556691
ENSMUSG00000098127	9.196874066	9.043024169	6.35535943	5.638203705	9.310529622
ENSMUSG00000098128	9.196874066	6.260555194	4.236906287	5.638203705	8.594335036
ENSMUSG00000098129	12.02668147	4.173703463	5.649208382	6.443661377	2.148583759

ENSMUSG00000098130	14.85648888	11.1298759	7.767661525	4.832746033	5.729556691
ENSMUSG00000098131	9.904325918	11.82549314	10.59226572	9.665492065	5.729556691
ENSMUSG00000098135	10.61177777	5.56493795	9.886114669	4.02728836	6.445751277
ENSMUSG00000098136	4.952162959	5.56493795	3.530755239	9.665492065	5.013362104
ENSMUSG00000098137	4.244711108	5.56493795	6.35535943	2.416373016	2.148583759
ENSMUSG00000098138	12.02668147	6.260555194	9.886114669	5.638203705	9.310529622
ENSMUSG00000098139	9.196874066	3.478086219	3.530755239	7.249119049	4.297167518
ENSMUSG00000098141	11.31922962	9.043024169	4.236906287	4.832746033	9.310529622
ENSMUSG00000098142	7.781970364	6.956172438	7.061510478	4.02728836	5.729556691
ENSMUSG00000098143	9.196874066	9.738641413	7.767661525	6.443661377	5.013362104
ENSMUSG00000098144	9.196874066	9.738641413	7.767661525	8.860034393	5.729556691
ENSMUSG00000098145	7.781970364	12.52111039	7.767661525	6.443661377	10.02672421
ENSMUSG00000098146	7.781970364	12.52111039	12.00456781	16.10915344	7.161945863
ENSMUSG00000098147	13.44158517	9.738641413	6.35535943	6.443661377	7.87814045
ENSMUSG00000098148	12.02668147	18.78166558	15.53532305	8.860034393	17.90486466
ENSMUSG00000098149	11.31922962	6.260555194	7.767661525	14.4982381	7.161945863
ENSMUSG00000098150	6.367066661	7.651789682	6.35535943	4.02728836	7.161945863
ENSMUSG00000098151	7.781970364	4.173703463	9.886114669	7.249119049	5.013362104
ENSMUSG00000098152	12.73413332	7.651789682	7.767661525	4.02728836	12.17530797
ENSMUSG00000098153	9.196874066	6.260555194	7.061510478	7.249119049	10.02672421
ENSMUSG00000098154	9.904325918	9.738641413	9.179963621	6.443661377	7.87814045
ENSMUSG00000098155	5.65961481	14.60796212	12.00456781	12.88732275	14.32389173
ENSMUSG00000098156	12.02668147	4.869320706	6.35535943	4.832746033	8.594335036
ENSMUSG00000098157	10.61177777	5.56493795	9.886114669	2.416373016	7.161945863
ENSMUSG00000098158	5.65961481	9.043024169	7.061510478	4.832746033	5.729556691
ENSMUSG00000098159	7.074518513	9.738641413	5.649208382	7.249119049	5.729556691
ENSMUSG00000098160	14.85648888	11.82549314	6.35535943	7.249119049	5.729556691
ENSMUSG00000098161	10.61177777	6.956172438	6.35535943	4.02728836	7.161945863
ENSMUSG00000098162	11.31922962	12.52111039	5.649208382	3.221830688	5.013362104
ENSMUSG00000098163	7.781970364	7.651789682	12.00456781	10.47094974	7.161945863
ENSMUSG00000098165	10.61177777	9.738641413	9.179963621	5.638203705	8.594335036
ENSMUSG00000098166	18.39374813	37.56333116	24.71528667	12.88732275	11.45911338
ENSMUSG00000098167	11.31922962	5.56493795	9.179963621	5.638203705	8.594335036
ENSMUSG00000098169	12.02668147	5.56493795	11.29841676	5.638203705	5.013362104
ENSMUSG00000098170	4.952162959	5.56493795	9.179963621	7.249119049	7.161945863
ENSMUSG00000098171	6.367066661	4.869320706	5.649208382	4.832746033	2.864778345
ENSMUSG00000098172	9.904325918	8.347406925	4.943057334	6.443661377	6.445751277
ENSMUSG00000098173	7.781970364	7.651789682	6.35535943	5.638203705	6.445751277
ENSMUSG00000098174	7.074518513	7.651789682	9.886114669	5.638203705	8.594335036
ENSMUSG00000098175	7.074518513	4.869320706	5.649208382	3.221830688	11.45911338
ENSMUSG00000098177	5.65961481	6.956172438	3.530755239	2.416373016	7.87814045
ENSMUSG00000098178	265.2944442	283.8118355	205.4899549	218.2790291	245.6547431
ENSMUSG00000098179	6.367066661	6.956172438	11.29841676	5.638203705	7.161945863

ENSMUSG00000098180	12.02668147	6.260555194	6.35535943	5.638203705	7.161945863
ENSMUSG00000098181	9.904325918	9.043024169	7.061510478	2.416373016	6.445751277
ENSMUSG00000098183	15.56394073	20.86851731	22.59683353	23.35827249	20.05344842
ENSMUSG00000098184	65.79302217	80.69160028	76.26431316	167.5351958	114.5911338
ENSMUSG00000098185	15.56394073	5.56493795	6.35535943	1.610915344	3.580972932
ENSMUSG00000098186	9.196874066	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000098187	12.02668147	9.738641413	3.530755239	4.832746033	3.580972932
ENSMUSG00000098189	11.31922962	7.651789682	9.886114669	4.02728836	6.445751277
ENSMUSG00000098190	5.65961481	6.260555194	8.473812573	3.221830688	5.729556691
ENSMUSG00000098191	4.952162959	6.956172438	9.179963621	7.249119049	6.445751277
ENSMUSG00000098192	12.02668147	4.173703463	7.061510478	4.832746033	7.87814045
ENSMUSG00000098193	6.367066661	3.478086219	7.061510478	1.610915344	3.580972932
ENSMUSG00000098194	11.31922962	6.956172438	4.943057334	8.054576721	10.02672421
ENSMUSG00000098195	12.73413332	6.260555194	7.061510478	3.221830688	4.297167518
ENSMUSG00000098196	14.85648888	11.1298759	10.59226572	8.054576721	11.45911338
ENSMUSG00000098197	113.1922962	124.5154866	117.2210739	83.7675979	79.49759908
ENSMUSG00000098198	11.31922962	15.30357936	13.41686991	8.860034393	7.87814045
ENSMUSG00000098199	11.31922962	9.043024169	9.179963621	6.443661377	10.7429188
ENSMUSG00000098200	7.781970364	9.043024169	7.767661525	4.02728836	7.161945863
ENSMUSG00000098201	33.25023701	62.60555194	55.78593277	30.60739154	35.80972932
ENSMUSG00000098202	9.196874066	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG00000098203	4.952162959	6.956172438	6.35535943	8.860034393	5.729556691
ENSMUSG00000098204	7.781970364	6.260555194	9.179963621	3.221830688	3.580972932
ENSMUSG00000098205	10.61177777	9.738641413	8.473812573	8.860034393	8.594335036
ENSMUSG00000098206	0	0	0	0	0
ENSMUSG00000098208	12.02668147	7.651789682	10.59226572	7.249119049	7.87814045
ENSMUSG00000098209	6.367066661	7.651789682	7.767661525	3.221830688	8.594335036
ENSMUSG00000098210	32.54278516	34.78086219	26.12758877	32.21830688	49.41742646
ENSMUSG00000098211	2.122355554	3.478086219	2.118453143	4.832746033	2.148583759
ENSMUSG00000098212	4.244711108	8.347406925	7.061510478	3.221830688	6.445751277
ENSMUSG00000098213	7.074518513	9.043024169	9.179963621	4.02728836	2.864778345
ENSMUSG00000098214	6.367066661	8.347406925	3.530755239	4.832746033	5.013362104
ENSMUSG00000098215	11.31922962	4.869320706	11.29841676	7.249119049	8.594335036
ENSMUSG00000098216	7.074518513	9.738641413	8.473812573	4.02728836	10.02672421
ENSMUSG00000098217	7.781970364	8.347406925	5.649208382	5.638203705	7.87814045
ENSMUSG00000098218	9.196874066	4.173703463	4.943057334	10.47094974	4.297167518
ENSMUSG00000098219	9.196874066	2.782468975	7.767661525	5.638203705	3.580972932
ENSMUSG00000098220	7.074518513	8.347406925	4.236906287	10.47094974	6.445751277
ENSMUSG00000098221	7.074518513	4.173703463	4.943057334	6.443661377	7.161945863
ENSMUSG00000098222	9.904325918	5.56493795	8.473812573	2.416373016	5.013362104
ENSMUSG00000098223	4.244711108	9.043024169	7.061510478	7.249119049	8.594335036
ENSMUSG00000098224	11.31922962	14.60796212	12.71071886	11.27640741	12.17530797
ENSMUSG00000098225	7.074518513	2.782468975	5.649208382	4.832746033	7.161945863

ENSMUSG00000098226	12.73413332	9.043024169	8.473812573	7.249119049	5.729556691
ENSMUSG00000098227	10.61177777	9.043024169	9.886114669	8.860034393	9.310529622
ENSMUSG00000098228	13.44158517	6.260555194	6.35535943	6.443661377	7.87814045
ENSMUSG00000098229	12.73413332	5.56493795	4.943057334	5.638203705	3.580972932
ENSMUSG00000098230	6.367066661	4.173703463	7.767661525	4.02728836	7.87814045
ENSMUSG00000098231	12.02668147	5.56493795	8.473812573	4.02728836	5.013362104
ENSMUSG00000098232	11.31922962	5.56493795	5.649208382	9.665492065	10.02672421
ENSMUSG00000098233	7.074518513	4.173703463	3.530755239	5.638203705	4.297167518
ENSMUSG00000098234	5.65961481	4.869320706	7.061510478	10.47094974	6.445751277
ENSMUSG00000098235	12.02668147	7.651789682	8.473812573	2.416373016	9.310529622
ENSMUSG00000098236	10.61177777	2.782468975	4.236906287	7.249119049	5.013362104
ENSMUSG00000098237	8.489422215	9.738641413	7.767661525	4.832746033	8.594335036
ENSMUSG00000098238	7.781970364	5.56493795	7.061510478	8.860034393	6.445751277
ENSMUSG00000098239	7.781970364	6.260555194	9.179963621	7.249119049	6.445751277
ENSMUSG00000098240	10.61177777	7.651789682	7.061510478	8.054576721	5.729556691
ENSMUSG00000098241	10.61177777	9.043024169	7.061510478	6.443661377	10.02672421
ENSMUSG00000098242	7.074518513	5.56493795	9.886114669	4.02728836	14.32389173
ENSMUSG00000098243	21.93100739	30.60715873	26.12758877	33.82922223	28.64778345
ENSMUSG00000098244	7.781970364	9.043024169	7.767661525	4.02728836	6.445751277
ENSMUSG00000098245	8.489422215	6.956172438	9.179963621	6.443661377	10.02672421
ENSMUSG00000098246	6.367066661	8.347406925	7.061510478	4.832746033	3.580972932
ENSMUSG00000098247	9.196874066	7.651789682	2.824604191	4.832746033	7.161945863
ENSMUSG00000098248	120.2668147	163.4700523	146.8794179	63.6311561	67.32229112
ENSMUSG00000098249	6.367066661	8.347406925	9.886114669	3.221830688	6.445751277
ENSMUSG00000098251	7.781970364	5.56493795	7.061510478	1.610915344	6.445751277
ENSMUSG00000098252	8.489422215	6.260555194	9.179963621	1.610915344	6.445751277
ENSMUSG00000098253	9.904325918	4.869320706	10.59226572	8.054576721	14.32389173
ENSMUSG00000098254	6.367066661	4.173703463	6.35535943	1.610915344	5.013362104
ENSMUSG00000098255	55.1812444	74.43104508	90.38733411	68.46390213	75.20043157
ENSMUSG00000098257	11.31922962	4.173703463	3.530755239	9.665492065	4.297167518
ENSMUSG00000098258	10.61177777	5.56493795	9.179963621	10.47094974	7.161945863
ENSMUSG00000098259	9.904325918	20.86851731	19.77222934	16.10915344	22.91822676
ENSMUSG00000098260	2.829807405	3.478086219	3.530755239	4.02728836	7.87814045
ENSMUSG00000098261	0	0	0	0.805457672	0
ENSMUSG00000098262	4.244711108	6.260555194	2.824604191	4.02728836	1.432389173
ENSMUSG00000098263	10.61177777	9.738641413	4.943057334	12.88732275	5.013362104
ENSMUSG00000098264	10.61177777	6.260555194	9.179963621	7.249119049	4.297167518
ENSMUSG00000098265	0	0	0	0	0
ENSMUSG00000098266	5.65961481	4.869320706	7.061510478	6.443661377	5.729556691
ENSMUSG00000098267	20.51610369	30.60715873	32.4829482	38.66196826	25.78300511
ENSMUSG00000098268	15.56394073	20.17290007	21.18453143	30.60739154	23.63442135
ENSMUSG00000098269	39.61730367	50.08444155	42.36906287	77.32393652	70.90326405
ENSMUSG00000098270	11.31922962	9.738641413	11.29841676	8.054576721	10.02672421

ENSMUSG0000098271	6.367066661	4.173703463	3.530755239	4.02728836	1.432389173
ENSMUSG0000098272	8.489422215	5.56493795	4.236906287	4.832746033	3.580972932
ENSMUSG0000098273	14.85648888	4.869320706	5.649208382	4.02728836	6.445751277
ENSMUSG0000098275	14.85648888	20.86851731	16.94762515	22.55281482	16.47247549
ENSMUSG0000098276	9.196874066	7.651789682	8.473812573	2.416373016	8.594335036
ENSMUSG0000098278	16.27139258	9.043024169	8.473812573	7.249119049	11.45911338
ENSMUSG0000098279	9.196874066	6.956172438	8.473812573	9.665492065	6.445751277
ENSMUSG0000098280	70.74518513	77.9091313	80.50121945	70.88027514	79.49759908
ENSMUSG0000098281	11.31922962	11.82549314	13.41686991	8.054576721	10.02672421
ENSMUSG0000098282	4.244711108	2.086851731	2.118453143	4.832746033	6.445751277
ENSMUSG0000098284	14.85648888	9.043024169	7.767661525	8.054576721	8.594335036
ENSMUSG0000098285	14.14903703	13.91234488	11.29841676	6.443661377	12.17530797
ENSMUSG0000098286	9.196874066	12.52111039	11.29841676	8.054576721	11.45911338
ENSMUSG0000098287	7.781970364	7.651789682	5.649208382	8.054576721	5.729556691
ENSMUSG0000098288	14.14903703	11.1298759	17.65377619	9.665492065	14.32389173
ENSMUSG0000098289	7.781970364	4.869320706	10.59226572	4.832746033	8.594335036
ENSMUSG0000098290	7.781970364	6.956172438	6.35535943	6.443661377	3.580972932
ENSMUSG0000098291	9.196874066	13.21672763	8.473812573	11.27640741	6.445751277
ENSMUSG0000098292	6.367066661	4.869320706	5.649208382	5.638203705	8.594335036
ENSMUSG0000098293	16.97884443	14.60796212	16.94762515	13.69278043	15.04008631
ENSMUSG0000098294	11.31922962	4.869320706	7.061510478	9.665492065	5.729556691
ENSMUSG0000098295	4.244711108	2.086851731	3.530755239	3.221830688	7.161945863
ENSMUSG0000098296	11.31922962	4.869320706	8.473812573	13.69278043	10.02672421
ENSMUSG0000098297	7.781970364	7.651789682	4.236906287	8.860034393	9.310529622
ENSMUSG0000098298	7.781970364	4.173703463	2.824604191	5.638203705	2.148583759
ENSMUSG0000098299	8.489422215	11.82549314	2.824604191	2.416373016	6.445751277
ENSMUSG0000098300	7.074518513	4.869320706	8.473812573	5.638203705	2.864778345
ENSMUSG0000098302	2.122355554	6.956172438	6.35535943	9.665492065	7.161945863
ENSMUSG0000098303	10.61177777	8.347406925	9.886114669	2.416373016	12.17530797
ENSMUSG0000098304	9.904325918	3.478086219	9.179963621	3.221830688	7.161945863
ENSMUSG0000098305	77.11225179	121.0374004	96.74269354	75.71302118	74.48423698
ENSMUSG0000098307	21.22355554	15.99919661	14.12302096	10.47094974	14.32389173
ENSMUSG0000098308	30.4204296	49.38882431	42.36906287	115.9859048	105.9967988
ENSMUSG0000098309	10.61177777	9.738641413	6.35535943	3.221830688	7.87814045
ENSMUSG0000098310	9.904325918	11.82549314	19.77222934	11.27640741	12.89150255
ENSMUSG0000098311	1.414903703	2.086851731	0.706151048	1.610915344	6.445751277
ENSMUSG0000098312	6.367066661	4.173703463	7.061510478	4.02728836	6.445751277
ENSMUSG0000098313	7.781970364	6.260555194	7.061510478	8.054576721	4.297167518
ENSMUSG0000098314	5.65961481	6.260555194	5.649208382	6.443661377	5.729556691
ENSMUSG0000098315	8.489422215	6.260555194	7.767661525	8.054576721	4.297167518
ENSMUSG0000098316	51.64398514	55.6493795	68.49665163	144.1769233	93.82149081
ENSMUSG0000098317	4.952162959	8.347406925	7.767661525	8.860034393	9.310529622
ENSMUSG0000098318	49.52162959	34.08524495	48.7244223	120.0131931	98.83485292

ENSMUSG0000098319	62.25576291	58.43184848	100.2734488	175.5897725	132.4959985
ENSMUSG0000098320	9.196874066	9.738641413	10.59226572	4.832746033	7.87814045
ENSMUSG0000098322	8.489422215	5.56493795	7.767661525	8.054576721	4.297167518
ENSMUSG0000098323	0	0	0	0	0
ENSMUSG0000098325	41.03220737	53.56252777	54.37363068	20.1364418	22.91822676
ENSMUSG0000098326	3.537259256	6.260555194	2.824604191	4.02728836	3.580972932
ENSMUSG0000098327	9.196874066	7.651789682	14.12302096	5.638203705	7.161945863
ENSMUSG0000098328	9.196874066	6.956172438	9.179963621	4.02728836	5.013362104
ENSMUSG0000098329	8.489422215	6.956172438	12.71071886	8.860034393	12.89150255
ENSMUSG0000098330	16.97884443	6.956172438	5.649208382	5.638203705	3.580972932
ENSMUSG0000098331	14.14903703	6.956172438	11.29841676	14.4982381	15.04008631
ENSMUSG0000098332	41.73965922	68.86610713	50.13672439	70.88027514	68.0384857
ENSMUSG0000098333	7.074518513	5.56493795	7.767661525	8.054576721	5.729556691
ENSMUSG0000098334	9.196874066	6.260555194	7.767661525	12.08186508	10.7429188
ENSMUSG0000098335	12.02668147	15.30357936	7.061510478	5.638203705	5.729556691
ENSMUSG0000098336	7.074518513	9.738641413	7.061510478	2.416373016	6.445751277
ENSMUSG0000098338	9.904325918	3.478086219	4.943057334	6.443661377	5.729556691
ENSMUSG0000098339	9.904325918	5.56493795	5.649208382	7.249119049	7.87814045
ENSMUSG0000098340	72.16008883	86.95215547	77.67661525	118.4022778	129.6312201
ENSMUSG0000098341	5.65961481	6.956172438	7.767661525	9.665492065	5.729556691
ENSMUSG0000098342	0.707451851	1.391234488	0	0	0.716194586
ENSMUSG0000098343	4.244711108	0	2.118453143	4.02728836	3.580972932
ENSMUSG0000098344	26.88317035	36.17209668	45.19366706	30.60739154	27.93158887
ENSMUSG0000098345	7.074518513	8.347406925	7.061510478	6.443661377	9.310529622
ENSMUSG0000098346	6.367066661	2.086851731	3.530755239	3.221830688	4.297167518
ENSMUSG0000098347	9.196874066	4.173703463	6.35535943	6.443661377	5.729556691
ENSMUSG0000098349	13.44158517	31.30277597	26.83373982	18.52552646	20.769643
ENSMUSG0000098350	80.64951104	95.99517964	107.3349593	152.2315	156.1304198
ENSMUSG0000098351	7.074518513	7.651789682	7.767661525	11.27640741	9.310529622
ENSMUSG0000098353	70.74518513	95.2995624	107.3349593	95.04400531	93.82149081
ENSMUSG0000098354	9.904325918	7.651789682	7.061510478	6.443661377	10.02672421
ENSMUSG0000098355	53.05888884	77.9091313	65.67204744	159.4806191	111.7263555
ENSMUSG0000098356	16.27139258	20.17290007	24.00913562	11.27640741	12.17530797
ENSMUSG0000098357	0	0	0	0	0
ENSMUSG0000098358	9.196874066	2.086851731	6.35535943	4.02728836	6.445751277
ENSMUSG0000098359	1.414903703	4.869320706	4.943057334	13.69278043	11.45911338
ENSMUSG0000098360	1.414903703	1.391234488	4.943057334	0.805457672	2.864778345
ENSMUSG0000098361	60.84085921	106.4294383	96.74269354	81.35122488	65.88990194
ENSMUSG0000098362	4.952162959	7.651789682	12.71071886	6.443661377	3.580972932
ENSMUSG0000098363	7.074518513	4.869320706	7.061510478	8.860034393	11.45911338
ENSMUSG0000098364	5.65961481	1.391234488	5.649208382	0.805457672	1.432389173
ENSMUSG0000098365	16.27139258	19.47728283	19.06607829	10.47094974	10.7429188
ENSMUSG0000098366	13.44158517	4.173703463	6.35535943	4.832746033	8.594335036

ENSMUSG0000098367	1.414903703	0.695617244	1.412302096	2.416373016	4.297167518
ENSMUSG0000098368	10.61177777	8.347406925	6.35535943	9.665492065	5.013362104
ENSMUSG0000098369	6.367066661	9.738641413	7.061510478	4.832746033	8.594335036
ENSMUSG0000098370	7.781970364	6.956172438	9.179963621	5.638203705	5.729556691
ENSMUSG0000098371	0.707451851	2.086851731	0.706151048	6.443661377	4.297167518
ENSMUSG0000098373	9.196874066	6.260555194	4.943057334	6.443661377	7.87814045
ENSMUSG0000098376	27.5906222	41.73703463	46.60596915	87.79488626	65.88990194
ENSMUSG0000098378	9.904325918	4.173703463	6.35535943	2.416373016	5.729556691
ENSMUSG0000098379	7.781970364	6.956172438	7.767661525	8.860034393	7.87814045
ENSMUSG0000098380	17.68629628	27.12907251	24.71528667	15.30369577	20.05344842
ENSMUSG0000098381	9.904325918	6.956172438	4.943057334	5.638203705	6.445751277
ENSMUSG0000098382	12.73413332	8.347406925	6.35535943	1.610915344	4.297167518
ENSMUSG0000098383	5.65961481	6.956172438	11.29841676	4.832746033	5.013362104
ENSMUSG0000098385	9.904325918	9.043024169	12.71071886	36.24559524	22.91822676
ENSMUSG0000098386	12.73413332	11.1298759	11.29841676	8.860034393	12.17530797
ENSMUSG0000098388	4.952162959	6.956172438	6.35535943	7.249119049	6.445751277
ENSMUSG0000098389	6.367066661	4.869320706	6.35535943	4.832746033	5.729556691
ENSMUSG0000098390	11.31922962	2.782468975	7.767661525	5.638203705	5.013362104
ENSMUSG0000098391	10.61177777	6.956172438	7.061510478	5.638203705	7.87814045
ENSMUSG0000098392	7.074518513	6.956172438	9.886114669	5.638203705	2.864778345
ENSMUSG0000098393	11.31922962	5.56493795	7.767661525	6.443661377	6.445751277
ENSMUSG0000098394	0	0	0	0	0
ENSMUSG0000098395	2.122355554	1.391234488	2.118453143	3.221830688	5.013362104
ENSMUSG0000098396	49.52162959	73.73542784	73.43970897	186.8661799	126.7664418
ENSMUSG0000098397	1.414903703	2.086851731	1.412302096	1.610915344	3.580972932
ENSMUSG0000098399	12.02668147	13.91234488	20.47838039	11.27640741	7.87814045
ENSMUSG0000098400	6.367066661	8.347406925	11.29841676	3.221830688	5.729556691
ENSMUSG0000098401	10.61177777	6.956172438	10.59226572	8.054576721	8.594335036
ENSMUSG0000098402	9.196874066	6.956172438	7.767661525	6.443661377	6.445751277
ENSMUSG0000098403	26.1757185	47.99758982	38.83830763	27.38556085	41.53928601
ENSMUSG0000098404	12.73413332	14.60796212	8.473812573	3.221830688	10.7429188
ENSMUSG0000098405	2.122355554	4.173703463	5.649208382	2.416373016	4.297167518
ENSMUSG0000098406	5.65961481	2.782468975	2.824604191	1.610915344	1.432389173
ENSMUSG0000098407	14.14903703	4.173703463	6.35535943	6.443661377	7.87814045
ENSMUSG0000098408	8.489422215	9.738641413	4.943057334	7.249119049	8.594335036
ENSMUSG0000098409	15.56394073	9.738641413	9.886114669	6.443661377	7.161945863
ENSMUSG0000098410	8.489422215	4.173703463	9.886114669	16.10915344	13.60769714
ENSMUSG0000098412	9.196874066	12.52111039	5.649208382	8.860034393	5.729556691
ENSMUSG0000098413	54.47379255	80.69160028	80.50121945	61.21478308	46.55264811
ENSMUSG0000098414	3.537259256	4.869320706	7.061510478	5.638203705	4.297167518
ENSMUSG0000098415	7.074518513	13.21672763	9.179963621	14.4982381	13.60769714
ENSMUSG0000098416	11.31922962	11.1298759	12.00456781	8.054576721	6.445751277
ENSMUSG0000098417	6.367066661	6.260555194	6.35535943	4.02728836	6.445751277



ENSMUSG0000098418	6.367066661	9.043024169	7.767661525	10.47094974	8.594335036
ENSMUSG0000098419	8.489422215	6.956172438	7.767661525	4.02728836	10.02672421
ENSMUSG0000098420	7.074518513	6.260555194	10.59226572	4.832746033	4.297167518
ENSMUSG0000098421	11.31922962	4.173703463	7.061510478	4.02728836	8.594335036
ENSMUSG0000098422	11.31922962	13.21672763	16.2414741	10.47094974	10.7429188
ENSMUSG0000098423	10.61177777	6.956172438	4.943057334	2.416373016	13.60769714
ENSMUSG0000098424	4.952162959	8.347406925	4.943057334	5.638203705	5.013362104
ENSMUSG0000098425	6.367066661	3.478086219	4.943057334	2.416373016	6.445751277
ENSMUSG0000098426	14.14903703	9.043024169	7.767661525	5.638203705	8.594335036
ENSMUSG0000098428	12.02668147	11.1298759	8.473812573	7.249119049	5.013362104
ENSMUSG0000098429	8.489422215	7.651789682	11.29841676	4.832746033	7.87814045
ENSMUSG0000098430	0	0	0	0	0
ENSMUSG0000098431	0	1.391234488	0.706151048	0	0
ENSMUSG0000098432	10.61177777	9.738641413	9.886114669	8.860034393	8.594335036
ENSMUSG0000098433	9.196874066	6.260555194	5.649208382	3.221830688	4.297167518
ENSMUSG0000098434	19.10119998	46.60635533	28.24604191	91.01671695	87.37573953
ENSMUSG0000098435	0	0	0	0	0
ENSMUSG0000098436	2.829807405	1.391234488	9.886114669	4.02728836	3.580972932
ENSMUSG0000098437	7.074518513	7.651789682	9.886114669	2.416373016	5.729556691
ENSMUSG0000098438	12.02668147	1.391234488	6.35535943	4.02728836	7.161945863
ENSMUSG0000098439	9.904325918	8.347406925	12.71071886	7.249119049	7.87814045
ENSMUSG0000098441	20.51610369	24.34660353	22.59683353	26.58010318	39.39070225
ENSMUSG0000098442	101.1656147	153.7314109	141.9363606	75.71302118	104.5644096
ENSMUSG0000098443	31.12788146	54.25814501	43.07521391	24.96918783	27.93158887
ENSMUSG0000098444	0.707451851	0	0.706151048	0	0
ENSMUSG0000098445	5.65961481	6.260555194	11.29841676	8.054576721	10.7429188
ENSMUSG0000098446	5.65961481	3.478086219	3.530755239	4.832746033	3.580972932
ENSMUSG0000098447	13.44158517	21.56413456	26.83373982	22.55281482	27.93158887
ENSMUSG0000098448	7.074518513	6.956172438	3.530755239	3.221830688	6.445751277
ENSMUSG0000098449	21.93100739	34.08524495	21.89068248	45.10562964	32.22875639
ENSMUSG0000098451	7.074518513	16.69481385	18.35992724	19.33098413	17.18867007
ENSMUSG0000098452	11.31922962	6.956172438	9.886114669	8.054576721	3.580972932
ENSMUSG0000098453	13.44158517	10.43425866	11.29841676	12.88732275	13.60769714
ENSMUSG0000098454	18.39374813	41.73703463	37.42600553	24.16373016	17.90486466
ENSMUSG0000098455	5.65961481	4.869320706	2.118453143	4.02728836	2.148583759
ENSMUSG0000098456	6.367066661	6.260555194	7.061510478	3.221830688	9.310529622
ENSMUSG0000098457	9.904325918	11.1298759	7.767661525	8.054576721	13.60769714
ENSMUSG0000098458	9.196874066	10.43425866	10.59226572	9.665492065	11.45911338
ENSMUSG0000098459	0	0	0	0	0
ENSMUSG0000098460	8.489422215	15.30357936	14.829172	12.08186508	12.17530797
ENSMUSG0000098461	9.196874066	11.1298759	5.649208382	7.249119049	3.580972932
ENSMUSG0000098462	193.1343554	208.6851731	199.8407465	382.5923942	286.4778345
ENSMUSG0000098464	13.44158517	14.60796212	8.473812573	4.02728836	9.310529622

ENSMUSG0000098465	31.83533331	46.60635533	37.42600553	31.41284921	37.95831308
ENSMUSG0000098466	0	0	0	0	0
ENSMUSG0000098467	8.489422215	6.260555194	7.767661525	3.221830688	9.310529622
ENSMUSG0000098468	24.76081479	29.21592424	28.95219296	16.10915344	28.64778345
ENSMUSG0000098469	4.952162959	9.043024169	9.886114669	4.832746033	5.729556691
ENSMUSG0000098471	9.196874066	13.21672763	6.35535943	8.054576721	7.161945863
ENSMUSG0000098472	10.61177777	11.1298759	7.061510478	2.416373016	4.297167518
ENSMUSG0000098473	4.952162959	6.956172438	7.767661525	6.443661377	13.60769714
ENSMUSG0000098474	15.56394073	13.21672763	7.767661525	7.249119049	7.161945863
ENSMUSG0000098475	8.489422215	6.956172438	8.473812573	8.054576721	7.161945863
ENSMUSG0000098476	5.65961481	4.869320706	8.473812573	5.638203705	7.161945863
ENSMUSG0000098477	4.244711108	8.347406925	13.41686991	15.30369577	9.310529622
ENSMUSG0000098478	9.904325918	4.869320706	5.649208382	4.832746033	7.161945863
ENSMUSG0000098479	7.074518513	6.260555194	8.473812573	6.443661377	7.87814045
ENSMUSG0000098480	62.25576291	72.34419335	77.67661525	36.24559524	39.39070225
ENSMUSG0000098481	14.14903703	9.738641413	4.236906287	4.02728836	6.445751277
ENSMUSG0000098482	12.02668147	18.08604834	17.65377619	11.27640741	9.310529622
ENSMUSG0000098483	12.02668147	8.347406925	10.59226572	11.27640741	8.594335036
ENSMUSG0000098484	0.707451851	1.391234488	2.824604191	3.221830688	2.148583759
ENSMUSG0000098485	3.537259256	2.086851731	3.530755239	0	4.297167518
ENSMUSG0000098486	5.65961481	6.260555194	7.061510478	1.610915344	4.297167518
ENSMUSG0000098487	13.44158517	21.56413456	28.95219296	13.69278043	14.32389173
ENSMUSG0000098489	11.31922962	4.869320706	11.29841676	4.832746033	12.17530797
ENSMUSG0000098490	9.196874066	9.043024169	6.35535943	20.1364418	17.18867007
ENSMUSG0000098491	43.15456293	75.82227957	83.32582364	42.68925662	40.10689684
ENSMUSG0000098492	155.6394073	212.1632594	193.4853871	256.1355397	186.2105924
ENSMUSG0000098493	7.074518513	2.782468975	4.236906287	3.221830688	2.148583759
ENSMUSG0000098494	12.02668147	6.260555194	6.35535943	4.832746033	4.297167518
ENSMUSG0000098496	0	0	0	0	0
ENSMUSG0000098497	21.22355554	20.17290007	22.59683353	12.08186508	11.45911338
ENSMUSG0000098498	62.96321476	86.25653823	77.67661525	33.82922223	46.55264811
ENSMUSG0000098499	9.904325918	18.08604834	12.00456781	40.2728836	36.5259239
ENSMUSG0000098500	2.122355554	0	2.118453143	0.805457672	0
ENSMUSG0000098501	9.196874066	6.260555194	9.179963621	1.610915344	7.87814045
ENSMUSG0000098502	13.44158517	12.52111039	18.35992724	6.443661377	4.297167518
ENSMUSG0000098503	0	0	0	0	0
ENSMUSG0000098504	9.196874066	6.956172438	9.886114669	12.88732275	7.87814045
ENSMUSG0000098505	12.02668147	10.43425866	4.943057334	3.221830688	10.02672421
ENSMUSG0000098506	14.85648888	9.738641413	12.00456781	7.249119049	6.445751277
ENSMUSG0000098507	10.61177777	9.738641413	3.530755239	6.443661377	5.013362104
ENSMUSG0000098508	10.61177777	5.56493795	5.649208382	4.832746033	3.580972932
ENSMUSG0000098510	19.80865184	34.08524495	34.60140134	18.52552646	20.769643
ENSMUSG0000098511	12.02668147	9.738641413	5.649208382	7.249119049	12.89150255

ENSMUSG0000098513	14.85648888	27.12907251	26.12758877	19.33098413	20.05344842
ENSMUSG0000098514	3.537259256	2.782468975	7.061510478	1.610915344	5.013362104
ENSMUSG0000098515	7.074518513	5.56493795	4.943057334	6.443661377	8.594335036
ENSMUSG0000098516	14.85648888	27.82468975	31.77679715	35.44013757	30.08017263
ENSMUSG0000098518	7.781970364	6.260555194	8.473812573	4.02728836	5.013362104
ENSMUSG0000098519	7.781970364	10.43425866	9.179963621	8.054576721	6.445751277
ENSMUSG0000098520	11.31922962	7.651789682	5.649208382	6.443661377	7.87814045
ENSMUSG0000098521	5.65961481	7.651789682	4.236906287	2.416373016	5.729556691
ENSMUSG0000098522	5.65961481	3.478086219	9.886114669	6.443661377	7.87814045
ENSMUSG0000098524	12.73413332	11.82549314	9.179963621	4.832746033	7.161945863
ENSMUSG0000098525	0	0	0	0	0
ENSMUSG0000098526	0	0	0	0	0
ENSMUSG0000098527	25.46826665	25.04222078	23.30298458	14.4982381	15.7562809
ENSMUSG0000098528	8.489422215	2.086851731	7.061510478	8.054576721	12.17530797
ENSMUSG0000098529	8.489422215	9.043024169	2.118453143	8.860034393	9.310529622
ENSMUSG0000098531	6.367066661	6.956172438	9.886114669	5.638203705	10.7429188
ENSMUSG0000098532	6.367066661	10.43425866	9.886114669	5.638203705	8.594335036
ENSMUSG0000098533	5.65961481	8.347406925	7.061510478	3.221830688	3.580972932
ENSMUSG0000098534	4.952162959	6.260555194	7.061510478	4.02728836	7.87814045
ENSMUSG0000098535	1.414903703	2.782468975	2.118453143	8.860034393	7.87814045
ENSMUSG0000098536	0	0	0	0	0
ENSMUSG0000098537	0.707451851	0	0.706151048	0	0.716194586
ENSMUSG0000098538	3.537259256	4.869320706	4.943057334	5.638203705	3.580972932
ENSMUSG0000098539	12.73413332	14.60796212	14.12302096	15.30369577	13.60769714
ENSMUSG0000098540	11.31922962	13.21672763	12.00456781	5.638203705	14.32389173
ENSMUSG0000098541	0.707451851	0	1.412302096	0	0.716194586
ENSMUSG0000098542	4.952162959	6.956172438	7.767661525	8.860034393	7.161945863
ENSMUSG0000098543	11.31922962	6.956172438	2.824604191	4.832746033	9.310529622
ENSMUSG0000098544	7.781970364	4.869320706	7.767661525	10.47094974	5.729556691
ENSMUSG0000098547	7.781970364	11.1298759	8.473812573	2.416373016	7.87814045
ENSMUSG0000098548	9.196874066	11.1298759	9.886114669	13.69278043	15.7562809
ENSMUSG0000098549	10.61177777	10.43425866	4.236906287	7.249119049	4.297167518
ENSMUSG0000098550	7.074518513	9.738641413	8.473812573	20.94189947	13.60769714
ENSMUSG0000098552	7.781970364	6.260555194	6.35535943	5.638203705	5.013362104
ENSMUSG0000098553	41.73965922	56.34499675	52.25517753	286.7429313	211.277403
ENSMUSG0000098555	11.31922962	9.043024169	11.29841676	4.832746033	10.02672421
ENSMUSG0000098558	4.952162959	8.347406925	6.35535943	5.638203705	8.594335036
ENSMUSG0000098559	3.537259256	6.260555194	5.649208382	4.02728836	5.013362104
ENSMUSG0000098560	3.537259256	1.391234488	3.530755239	1.610915344	2.148583759
ENSMUSG0000098561	11.31922962	16.69481385	10.59226572	2.416373016	7.87814045
ENSMUSG0000098562	31.12788146	55.6493795	60.72899011	85.37851324	64.45751277
ENSMUSG0000098563	9.904325918	7.651789682	2.824604191	4.832746033	9.310529622
ENSMUSG0000098564	9.196874066	7.651789682	3.530755239	2.416373016	10.7429188

ENSMUSG0000098565	11.31922962	6.260555194	8.473812573	6.443661377	6.445751277
ENSMUSG0000098566	0	0	0	0	0
ENSMUSG0000098567	0	0	0	0	0
ENSMUSG0000098568	25.46826665	39.6501829	28.24604191	17.72006879	27.21539428
ENSMUSG0000098569	7.781970364	6.956172438	4.943057334	8.054576721	3.580972932
ENSMUSG0000098570	1.414903703	2.086851731	2.824604191	5.638203705	7.161945863
ENSMUSG0000098572	0	0	0	0	0
ENSMUSG0000098573	10.61177777	16.69481385	12.00456781	16.91461111	10.7429188
ENSMUSG0000098574	8.489422215	14.60796212	14.12302096	14.4982381	8.594335036
ENSMUSG0000098575	12.02668147	11.1298759	7.061510478	4.832746033	6.445751277
ENSMUSG0000098577	6.367066661	9.738641413	14.12302096	9.665492065	9.310529622
ENSMUSG0000098578	9.904325918	15.30357936	9.179963621	8.054576721	9.310529622
ENSMUSG0000098579	24.05336294	31.99839321	40.25060972	25.77464551	17.90486466
ENSMUSG0000098580	36.08004441	57.04061399	64.96589639	63.6311561	47.98503729
ENSMUSG0000098582	9.196874066	4.173703463	4.943057334	6.443661377	7.161945863
ENSMUSG0000098583	9.196874066	7.651789682	5.649208382	9.665492065	6.445751277
ENSMUSG0000098585	0	0	0	0	0
ENSMUSG0000098586	36.78749627	26.43345526	40.25060972	49.93837567	45.12025894
ENSMUSG0000098588	11.31922962	13.21672763	8.473812573	12.08186508	15.7562809
ENSMUSG0000098589	18.39374813	22.95536904	9.179963621	12.88732275	4.297167518
ENSMUSG0000098590	7.781970364	6.260555194	10.59226572	8.860034393	4.297167518
ENSMUSG0000098591	2.122355554	2.782468975	2.824604191	1.610915344	2.864778345
ENSMUSG0000098592	7.781970364	6.260555194	9.179963621	6.443661377	12.17530797
ENSMUSG0000098593	5.65961481	11.82549314	13.41686991	9.665492065	10.7429188
ENSMUSG0000098594	9.196874066	11.82549314	10.59226572	6.443661377	10.7429188
ENSMUSG0000098595	12.02668147	27.12907251	31.0706461	85.37851324	59.44415067
ENSMUSG0000098596	9.196874066	6.260555194	7.061510478	6.443661377	6.445751277
ENSMUSG0000098597	27.5906222	34.78086219	33.89525029	89.4058016	51.56601022
ENSMUSG0000098598	7.781970364	6.260555194	8.473812573	11.27640741	4.297167518
ENSMUSG0000098599	0.707451851	1.391234488	1.412302096	2.416373016	2.864778345
ENSMUSG0000098600	4.952162959	4.173703463	2.118453143	3.221830688	5.013362104
ENSMUSG0000098601	13.44158517	7.651789682	7.061510478	5.638203705	9.310529622
ENSMUSG0000098602	24.05336294	29.21592424	33.18909925	25.77464551	27.21539428
ENSMUSG0000098603	37.49494812	47.30197258	45.8998181	20.1364418	25.06681052
ENSMUSG0000098604	12.02668147	8.347406925	13.41686991	8.860034393	5.729556691
ENSMUSG0000098605	0	0	1.412302096	2.416373016	0.716194586
ENSMUSG0000098606	8.489422215	6.956172438	5.649208382	8.860034393	9.310529622
ENSMUSG0000098607	14.14903703	6.956172438	9.886114669	4.832746033	9.310529622
ENSMUSG0000098608	9.904325918	5.56493795	11.29841676	6.443661377	5.729556691
ENSMUSG0000098609	19.10119998	20.86851731	24.00913562	12.88732275	24.35061594
ENSMUSG0000098611	9.904325918	7.651789682	8.473812573	5.638203705	5.013362104
ENSMUSG0000098612	11.31922962	10.43425866	7.767661525	3.221830688	10.02672421
ENSMUSG0000098613	16.27139258	18.08604834	24.00913562	20.1364418	26.49919969

ENSMUSG00000098614	0	0	0	0	0
ENSMUSG00000098617	0	0	0	0	0
ENSMUSG00000098618	9.904325918	10.43425866	9.179963621	4.832746033	10.02672421
ENSMUSG00000098619	4.952162959	5.56493795	9.179963621	7.249119049	8.594335036
ENSMUSG00000098620	10.61177777	23.65098629	23.30298458	11.27640741	15.04008631
ENSMUSG00000098621	50.22908144	51.47567604	39.54445867	92.62763229	76.63282074
ENSMUSG00000098622	12.02668147	10.43425866	9.886114669	4.02728836	5.729556691
ENSMUSG00000098623	1.414903703	1.391234488	0.706151048	1.610915344	1.432389173
ENSMUSG00000098624	16.27139258	10.43425866	13.41686991	35.44013757	26.49919969
ENSMUSG00000098625	2.829807405	2.086851731	1.412302096	5.638203705	3.580972932
ENSMUSG00000098626	9.196874066	17.39043109	11.29841676	25.77464551	15.7562809
ENSMUSG00000098627	7.074518513	8.347406925	9.179963621	2.416373016	6.445751277
ENSMUSG00000098628	7.781970364	10.43425866	7.061510478	4.02728836	7.161945863
ENSMUSG00000098629	7.781970364	4.173703463	4.943057334	6.443661377	7.87814045
ENSMUSG00000098630	6.367066661	6.956172438	7.061510478	1.610915344	4.297167518
ENSMUSG00000098631	5.65961481	13.91234488	15.53532305	7.249119049	7.87814045
ENSMUSG00000098632	6.367066661	7.651789682	7.061510478	9.665492065	11.45911338
ENSMUSG00000098634	9.196874066	11.1298759	9.886114669	15.30369577	12.17530797
ENSMUSG00000098635	6.367066661	6.956172438	5.649208382	7.249119049	10.7429188
ENSMUSG00000098636	12.02668147	5.56493795	11.29841676	4.832746033	5.013362104
ENSMUSG00000098638	1.414903703	2.782468975	3.530755239	0.805457672	2.864778345
ENSMUSG00000098640	13.44158517	6.260555194	10.59226572	5.638203705	8.594335036
ENSMUSG00000098641	6.367066661	4.173703463	8.473812573	10.47094974	6.445751277
ENSMUSG00000098642	9.904325918	11.1298759	5.649208382	2.416373016	5.729556691
ENSMUSG00000098644	10.61177777	2.782468975	7.061510478	7.249119049	4.297167518
ENSMUSG00000098645	91.26128881	106.4294383	129.2256417	331.0431032	257.8300511
ENSMUSG00000098646	34.66514071	47.99758982	48.7244223	25.77464551	30.08017263
ENSMUSG00000098648	11.31922962	4.869320706	6.35535943	4.02728836	7.161945863
ENSMUSG00000098649	11.31922962	7.651789682	2.118453143	6.443661377	4.297167518
ENSMUSG00000098650	4.952162959	10.43425866	12.71071886	7.249119049	12.17530797
ENSMUSG00000098651	123.0966221	138.4278315	165.9454962	77.32393652	78.06520991
ENSMUSG00000098652	16.97884443	16.69481385	14.829172	15.30369577	12.17530797
ENSMUSG00000098653	7.781970364	4.173703463	4.943057334	2.416373016	5.729556691
ENSMUSG00000098654	0	0	0	0	0
ENSMUSG00000098655	7.074518513	4.869320706	4.943057334	6.443661377	6.445751277
ENSMUSG00000098656	7.781970364	10.43425866	11.29841676	8.054576721	7.87814045
ENSMUSG00000098657	11.31922962	4.869320706	2.824604191	5.638203705	4.297167518
ENSMUSG00000098658	6.367066661	9.738641413	5.649208382	8.054576721	8.594335036
ENSMUSG00000098659	10.61177777	6.260555194	12.00456781	6.443661377	5.013362104
ENSMUSG00000098660	6.367066661	9.738641413	12.00456781	0.805457672	3.580972932
ENSMUSG00000098661	4.244711108	5.56493795	5.649208382	4.02728836	5.013362104
ENSMUSG00000098662	2.122355554	4.173703463	1.412302096	1.610915344	1.432389173
ENSMUSG00000098663	8.489422215	6.260555194	7.767661525	4.02728836	10.02672421

ENSMUSG00000098664	5.65961481	5.56493795	4.236906287	2.416373016	2.148583759
ENSMUSG00000098665	13.44158517	8.347406925	10.59226572	8.054576721	4.297167518
ENSMUSG00000098666	14.85648888	15.30357936	11.29841676	12.88732275	8.594335036
ENSMUSG00000098667	9.904325918	4.869320706	7.061510478	5.638203705	2.148583759
ENSMUSG00000098668	7.781970364	6.956172438	5.649208382	11.27640741	4.297167518
ENSMUSG00000098669	14.85648888	11.82549314	11.29841676	6.443661377	5.729556691
ENSMUSG00000098670	14.85648888	12.52111039	22.59683353	52.35474869	37.95831308
ENSMUSG00000098671	7.074518513	12.52111039	12.00456781	16.91461111	16.47247549
ENSMUSG00000098672	36.78749627	47.30197258	42.36906287	58.79841006	46.55264811
ENSMUSG00000098674	21.93100739	32.69401046	36.71985448	29.80193387	25.78300511
ENSMUSG00000098675	9.196874066	9.043024169	8.473812573	6.443661377	7.87814045
ENSMUSG00000098676	0.707451851	2.086851731	0	0	0.716194586
ENSMUSG00000098677	0	0	0.706151048	0	0
ENSMUSG00000098679	4.244711108	6.956172438	14.12302096	8.860034393	7.161945863
ENSMUSG00000098680	10.61177777	20.86851731	24.00913562	11.27640741	19.33725383
ENSMUSG00000098682	7.074518513	6.956172438	13.41686991	3.221830688	3.580972932
ENSMUSG00000098683	0	0	0	0	0
ENSMUSG00000098684	9.904325918	5.56493795	5.649208382	6.443661377	7.161945863
ENSMUSG00000098685	8.489422215	10.43425866	8.473812573	4.832746033	7.87814045
ENSMUSG00000098686	4.952162959	2.086851731	6.35535943	6.443661377	2.864778345
ENSMUSG00000098687	9.196874066	3.478086219	7.767661525	4.832746033	6.445751277
ENSMUSG00000098688	5.65961481	7.651789682	7.061510478	4.832746033	5.729556691
ENSMUSG00000098689	12.02668147	14.60796212	21.18453143	13.69278043	17.90486466
ENSMUSG00000098690	42.44711108	50.08444155	56.49208382	52.35474869	57.29556691
ENSMUSG00000098691	9.904325918	9.738641413	4.236906287	8.054576721	8.594335036
ENSMUSG00000098693	33.95768886	37.56333116	40.25060972	47.52200265	43.68786977
ENSMUSG00000098694	0.707451851	0.695617244	0	0	0.716194586
ENSMUSG00000098695	0	0	0	0	0
ENSMUSG00000098696	9.196874066	9.043024169	4.943057334	3.221830688	9.310529622
ENSMUSG00000098697	7.074518513	5.56493795	9.886114669	6.443661377	6.445751277
ENSMUSG00000098698	7.781970364	7.651789682	7.767661525	17.72006879	10.7429188
ENSMUSG00000098699	6.367066661	4.173703463	5.649208382	2.416373016	2.148583759
ENSMUSG00000098700	10.61177777	10.43425866	11.29841676	4.832746033	8.594335036
ENSMUSG00000098701	24.76081479	25.04222078	32.4829482	28.19101852	22.20203218
ENSMUSG00000098702	74.98989623	100.8645003	99.56729774	252.913709	186.926787
ENSMUSG00000098703	12.02668147	9.043024169	8.473812573	8.054576721	5.729556691
ENSMUSG00000098704	4.952162959	6.260555194	7.767661525	12.88732275	3.580972932
ENSMUSG00000098705	12.02668147	7.651789682	9.179963621	5.638203705	3.580972932
ENSMUSG00000098706	8.489422215	11.1298759	11.29841676	8.054576721	7.87814045
ENSMUSG00000098707	10.61177777	9.043024169	4.236906287	8.054576721	12.17530797
ENSMUSG00000098708	185.352385	237.2054801	218.9068248	163.5079074	149.6846685
ENSMUSG00000098709	4.952162959	4.869320706	7.061510478	8.054576721	7.161945863
ENSMUSG00000098710	0	0	0	0	0

ENSMUSG00000098711	0	0	0	0	0
ENSMUSG00000098712	9.196874066	4.173703463	5.649208382	1.610915344	7.87814045
ENSMUSG00000098713	7.781970364	9.043024169	5.649208382	9.665492065	5.729556691
ENSMUSG00000098714	122.3891703	173.9043109	143.3486627	125.6513968	111.7263555
ENSMUSG00000098716	29.0055259	27.82468975	24.00913562	179.6170609	111.7263555
ENSMUSG00000098717	0	0	0	0	0
ENSMUSG00000098718	16.27139258	34.78086219	37.42600553	26.58010318	26.49919969
ENSMUSG00000098719	198.7939702	242.0748008	242.2098094	99.07129367	122.4692743
ENSMUSG00000098720	4.952162959	10.43425866	5.649208382	4.832746033	5.729556691
ENSMUSG00000098721	15.56394073	18.78166558	14.829172	16.10915344	7.87814045
ENSMUSG00000098722	0	1.391234488	0	0	0
ENSMUSG00000098723	14.14903703	6.260555194	6.35535943	7.249119049	2.864778345
ENSMUSG00000098725	0	0	0	0	0
ENSMUSG00000098726	10.61177777	14.60796212	17.65377619	10.47094974	11.45911338
ENSMUSG00000098727	12.02668147	6.956172438	8.473812573	6.443661377	7.87814045
ENSMUSG00000098728	10.61177777	9.738641413	12.00456781	23.35827249	13.60769714
ENSMUSG00000098729	17.68629628	7.651789682	13.41686991	8.054576721	6.445751277
ENSMUSG00000098730	12.73413332	14.60796212	18.35992724	9.665492065	7.87814045
ENSMUSG00000098731	9.904325918	12.52111039	14.12302096	10.47094974	12.17530797
ENSMUSG00000098732	0	0	0	0	0
ENSMUSG00000098733	27.5906222	49.38882431	30.36449505	7.249119049	26.49919969
ENSMUSG00000098734	8.489422215	9.738641413	9.886114669	1.610915344	7.87814045
ENSMUSG00000098735	7.074518513	4.869320706	8.473812573	4.02728836	7.161945863
ENSMUSG00000098736	0	0	0	0	0
ENSMUSG00000098737	13.44158517	9.738641413	14.12302096	8.860034393	10.02672421
ENSMUSG00000098739	9.904325918	5.56493795	7.061510478	4.832746033	8.594335036
ENSMUSG00000098740	8.489422215	10.43425866	12.00456781	3.221830688	4.297167518
ENSMUSG00000098741	4.952162959	9.043024169	7.061510478	4.832746033	7.161945863
ENSMUSG00000098742	4.244711108	7.651789682	9.886114669	5.638203705	2.864778345
ENSMUSG00000098743	5.65961481	3.478086219	4.236906287	4.02728836	2.148583759
ENSMUSG00000098744	11.31922962	12.52111039	14.12302096	4.02728836	9.310529622
ENSMUSG00000098745	9.196874066	3.478086219	5.649208382	4.02728836	4.297167518
ENSMUSG00000098747	12.02668147	4.173703463	3.530755239	5.638203705	10.02672421
ENSMUSG00000098748	9.904325918	6.956172438	7.767661525	12.88732275	5.729556691
ENSMUSG00000098749	0	0	0	0	0
ENSMUSG00000098750	13.44158517	21.56413456	14.12302096	16.91461111	20.769643
ENSMUSG00000098751	4.244711108	7.651789682	4.943057334	29.80193387	12.89150255
ENSMUSG00000098752	7.781970364	7.651789682	12.71071886	6.443661377	10.7429188
ENSMUSG00000098755	77.81970364	81.38721752	69.90895373	87.79488626	73.05184781
ENSMUSG00000098756	8.489422215	7.651789682	8.473812573	2.416373016	10.02672421
ENSMUSG00000098757	8.489422215	9.043024169	3.530755239	4.832746033	4.297167518
ENSMUSG00000098758	12.73413332	9.043024169	4.943057334	5.638203705	5.729556691
ENSMUSG00000098759	9.196874066	8.347406925	11.29841676	6.443661377	7.161945863

ENSMUSG00000098760	8.489422215	5.56493795	4.943057334	5.638203705	2.864778345
ENSMUSG00000098761	21.22355554	29.21592424	18.35992724	14.4982381	17.90486466
ENSMUSG00000098762	70.03773327	66.7792554	55.07978173	115.1804471	85.94335036
ENSMUSG00000098763	5.65961481	3.478086219	7.061510478	6.443661377	6.445751277
ENSMUSG00000098764	4.244711108	12.52111039	7.767661525	8.054576721	6.445751277
ENSMUSG00000098765	4.952162959	5.56493795	3.530755239	5.638203705	9.310529622
ENSMUSG00000098766	10.61177777	12.52111039	8.473812573	19.33098413	15.7562809
ENSMUSG00000098767	1.414903703	1.391234488	2.118453143	0	2.148583759
ENSMUSG00000098768	7.074518513	14.60796212	6.35535943	4.832746033	7.161945863
ENSMUSG00000098769	9.904325918	10.43425866	9.886114669	6.443661377	10.7429188
ENSMUSG00000098770	10.61177777	7.651789682	5.649208382	5.638203705	7.161945863
ENSMUSG00000098771	5.65961481	10.43425866	7.061510478	4.832746033	6.445751277
ENSMUSG00000098772	9.904325918	9.043024169	4.943057334	8.860034393	8.594335036
ENSMUSG00000098774	4.952162959	6.956172438	7.767661525	12.88732275	7.161945863
ENSMUSG00000098775	2.829807405	0	2.118453143	3.221830688	0
ENSMUSG00000098776	9.904325918	9.738641413	6.35535943	1.610915344	5.729556691
ENSMUSG00000098777	7.074518513	11.82549314	8.473812573	4.02728836	5.013362104
ENSMUSG00000098778	16.97884443	23.65098629	24.71528667	31.41284921	24.35061594
ENSMUSG00000098779	7.781970364	6.260555194	4.943057334	5.638203705	5.729556691
ENSMUSG00000098780	5.65961481	9.043024169	5.649208382	5.638203705	9.310529622
ENSMUSG00000098782	14.85648888	5.56493795	8.473812573	5.638203705	6.445751277
ENSMUSG00000098783	4.244711108	11.82549314	12.00456781	9.665492065	15.04008631
ENSMUSG00000098784	14.14903703	21.56413456	16.94762515	14.4982381	15.04008631
ENSMUSG00000098785	6.367066661	11.1298759	8.473812573	10.47094974	7.161945863
ENSMUSG00000098786	4.952162959	8.347406925	12.00456781	8.860034393	12.89150255
ENSMUSG00000098787	4.244711108	6.956172438	4.236906287	3.221830688	2.864778345
ENSMUSG00000098788	8.489422215	7.651789682	9.886114669	4.02728836	8.594335036
ENSMUSG00000098790	12.73413332	16.69481385	16.94762515	12.88732275	22.20203218
ENSMUSG00000098791	3.537259256	1.391234488	4.236906287	4.02728836	2.148583759
ENSMUSG00000098792	36.78749627	75.12666233	70.61510478	132.0950582	85.94335036
ENSMUSG00000098793	2.122355554	1.391234488	1.412302096	2.416373016	1.432389173
ENSMUSG00000098794	15.56394073	17.39043109	11.29841676	12.08186508	7.87814045
ENSMUSG00000098795	0	1.391234488	0	0	0.716194586
ENSMUSG00000098796	10.61177777	14.60796212	9.886114669	8.860034393	12.89150255
ENSMUSG00000098797	13.44158517	7.651789682	4.943057334	7.249119049	5.729556691
ENSMUSG00000098798	0	0	0	0	0
ENSMUSG00000098799	0	0	0	0	0
ENSMUSG00000098800	19.80865184	9.738641413	12.71071886	13.69278043	15.7562809
ENSMUSG00000098801	13.44158517	8.347406925	6.35535943	3.221830688	2.864778345
ENSMUSG00000098802	9.904325918	12.52111039	14.12302096	8.860034393	9.310529622
ENSMUSG00000098803	24.76081479	50.08444155	41.66291182	26.58010318	29.36397804
ENSMUSG00000098805	7.074518513	6.260555194	4.236906287	4.832746033	9.310529622
ENSMUSG00000098807	0	0	0	0	0



ENSMUSG00000098808	0	1.391234488	2.118453143	1.610915344	1.432389173
ENSMUSG00000098809	0.707451851	0.695617244	2.824604191	2.416373016	2.148583759
ENSMUSG00000098811	3.537259256	10.43425866	9.179963621	16.10915344	25.78300511
ENSMUSG00000098812	14.85648888	13.21672763	16.94762515	8.054576721	12.89150255
ENSMUSG00000098813	10.61177777	18.08604834	12.00456781	92.62763229	52.99839939
ENSMUSG00000098814	0	0	0.706151048	0	0
ENSMUSG00000098815	8.489422215	8.347406925	7.061510478	5.638203705	9.310529622
ENSMUSG00000098816	1.414903703	2.086851731	0.706151048	0.805457672	0
ENSMUSG00000098817	6.367066661	11.1298759	7.767661525	12.88732275	7.161945863
ENSMUSG00000098818	8.489422215	9.043024169	5.649208382	4.832746033	7.87814045
ENSMUSG00000098819	11.31922962	8.347406925	8.473812573	4.02728836	5.013362104
ENSMUSG00000098820	7.074518513	4.173703463	7.767661525	4.02728836	6.445751277
ENSMUSG00000098821	12.02668147	6.260555194	9.179963621	5.638203705	9.310529622
ENSMUSG00000098822	13.44158517	7.651789682	7.767661525	6.443661377	8.594335036
ENSMUSG00000098823	8.489422215	13.21672763	10.59226572	2.416373016	9.310529622
ENSMUSG00000098824	14.85648888	13.21672763	18.35992724	14.4982381	9.310529622
ENSMUSG00000098825	2.829807405	6.260555194	6.35535943	0.805457672	3.580972932
ENSMUSG00000098826	33.25023701	26.43345526	40.25060972	16.10915344	20.769643
ENSMUSG00000098827	13.44158517	24.34660353	16.94762515	30.60739154	23.63442135
ENSMUSG00000098828	0	0	0	0	0
ENSMUSG00000098829	12.02668147	2.782468975	8.473812573	1.610915344	7.161945863
ENSMUSG00000098830	12.73413332	18.78166558	16.94762515	16.91461111	15.7562809
ENSMUSG00000098831	21.22355554	18.78166558	29.65834401	23.35827249	25.06681052
ENSMUSG00000098832	9.196874066	8.347406925	6.35535943	4.02728836	4.297167518
ENSMUSG00000098833	10.61177777	9.738641413	8.473812573	7.249119049	8.594335036
ENSMUSG00000098834	6.367066661	6.260555194	4.943057334	5.638203705	6.445751277
ENSMUSG00000098836	0.707451851	0	0.706151048	0.805457672	0.716194586
ENSMUSG00000098837	12.73413332	21.56413456	27.53989086	15.30369577	20.05344842
ENSMUSG00000098838	0	0	0	0	0
ENSMUSG00000098839	40.32475552	65.38802092	65.67204744	64.43661377	72.33565322
ENSMUSG00000098840	15.56394073	9.043024169	8.473812573	14.4982381	10.7429188
ENSMUSG00000098842	0	1.391234488	0.706151048	1.610915344	0
ENSMUSG00000098843	360.0929923	347.8086219	297.9957422	284.3265582	201.9668733
ENSMUSG00000098844	25.46826665	27.12907251	31.0706461	24.16373016	22.20203218
ENSMUSG00000098845	4.952162959	9.043024169	7.767661525	3.221830688	6.445751277
ENSMUSG00000098846	0.707451851	0	1.412302096	0	0
ENSMUSG00000098848	0.707451851	0	0	0	1.432389173
ENSMUSG00000098849	4.952162959	5.56493795	4.943057334	4.832746033	0.716194586
ENSMUSG00000098850	0	0	0	0	0
ENSMUSG00000098851	9.904325918	4.869320706	4.236906287	1.610915344	8.594335036
ENSMUSG00000098852	6.367066661	6.260555194	8.473812573	2.416373016	7.161945863
ENSMUSG00000098853	7.074518513	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000098854	16.97884443	6.260555194	11.29841676	8.054576721	21.48583759

ENSMUSG0000098855	9.196874066	5.56493795	7.061510478	5.638203705	8.594335036
ENSMUSG0000098856	2.122355554	6.260555194	7.061510478	4.832746033	9.310529622
ENSMUSG0000098857	23.34591109	35.47647943	26.83373982	32.21830688	35.80972932
ENSMUSG0000098858	30.4204296	60.51870021	45.8998181	68.46390213	65.17370736
ENSMUSG0000098859	7.074518513	13.91234488	2.118453143	9.665492065	7.161945863
ENSMUSG0000098860	13.44158517	5.56493795	4.943057334	3.221830688	7.87814045
ENSMUSG0000098861	8.489422215	8.347406925	11.29841676	4.02728836	7.161945863
ENSMUSG0000098862	7.781970364	5.56493795	6.35535943	5.638203705	7.161945863
ENSMUSG0000098863	0	1.391234488	0.706151048	0.805457672	0
ENSMUSG0000098864	7.781970364	13.21672763	14.829172	4.832746033	10.02672421
ENSMUSG0000098865	17.68629628	13.91234488	18.35992724	15.30369577	12.17530797
ENSMUSG0000098866	7.074518513	4.173703463	7.061510478	4.02728836	4.297167518
ENSMUSG0000098867	7.781970364	2.782468975	7.767661525	5.638203705	6.445751277
ENSMUSG0000098868	2.829807405	3.478086219	2.824604191	1.610915344	2.864778345
ENSMUSG0000098869	8.489422215	9.043024169	15.53532305	6.443661377	4.297167518
ENSMUSG0000098870	6.367066661	9.043024169	14.829172	6.443661377	7.161945863
ENSMUSG0000098871	12.02668147	15.30357936	14.829172	141.7605503	69.47087488
ENSMUSG0000098873	11.31922962	22.2597518	11.29841676	25.77464551	17.90486466
ENSMUSG0000098874	0	0	0	0	0
ENSMUSG0000098875	11.31922962	7.651789682	3.530755239	5.638203705	7.161945863
ENSMUSG0000098876	18.39374813	7.651789682	7.767661525	5.638203705	2.864778345
ENSMUSG0000098877	7.074518513	6.260555194	7.767661525	5.638203705	3.580972932
ENSMUSG0000098878	0	0	0.706151048	0	0
ENSMUSG0000098879	15.56394073	20.86851731	13.41686991	16.91461111	10.7429188
ENSMUSG0000098880	1.414903703	4.869320706	0.706151048	1.610915344	2.148583759
ENSMUSG0000098881	31.83533331	42.43265187	41.66291182	29.80193387	35.80972932
ENSMUSG0000098882	1.414903703	2.086851731	2.118453143	2.416373016	0
ENSMUSG0000098883	12.02668147	3.478086219	5.649208382	6.443661377	7.87814045
ENSMUSG0000098884	13.44158517	16.69481385	13.41686991	9.665492065	12.17530797
ENSMUSG0000098885	35.37259256	48.69320706	45.19366706	42.68925662	35.80972932
ENSMUSG0000098886	14.14903703	25.04222078	15.53532305	28.19101852	18.62105924
ENSMUSG0000098887	12.73413332	9.043024169	9.886114669	4.832746033	7.161945863
ENSMUSG0000098888	8.489422215	6.260555194	5.649208382	4.832746033	9.310529622
ENSMUSG0000098889	5.65961481	13.21672763	9.886114669	9.665492065	9.310529622
ENSMUSG0000098890	9.904325918	11.1298759	7.061510478	8.860034393	8.594335036
ENSMUSG0000098891	4.952162959	2.086851731	2.824604191	2.416373016	5.013362104
ENSMUSG0000098893	112.4848444	204.5114697	155.3532305	166.7297381	163.2923657
ENSMUSG0000098894	5.65961481	11.1298759	4.943057334	2.416373016	4.297167518
ENSMUSG0000098895	5.65961481	4.173703463	9.179963621	9.665492065	6.445751277
ENSMUSG0000098896	10.61177777	13.21672763	16.2414741	10.47094974	12.89150255
ENSMUSG0000098897	12.73413332	6.260555194	6.35535943	7.249119049	5.729556691
ENSMUSG0000098898	69.33028142	90.43024169	89.68118307	33.82922223	45.83645353
ENSMUSG0000098899	0	0	0	0	0

ENSMUSG00000098900	5.65961481	4.173703463	7.061510478	4.02728836	5.013362104
ENSMUSG00000098901	6.367066661	10.43425866	6.35535943	8.054576721	5.729556691
ENSMUSG00000098903	7.781970364	9.043024169	8.473812573	8.054576721	7.87814045
ENSMUSG00000098904	9.196874066	4.173703463	7.767661525	8.860034393	3.580972932
ENSMUSG00000098906	19.80865184	15.30357936	19.77222934	29.80193387	27.21539428
ENSMUSG00000098907	5.65961481	11.1298759	9.886114669	12.88732275	11.45911338
ENSMUSG00000098908	18.39374813	32.69401046	31.77679715	10.47094974	20.05344842
ENSMUSG00000098909	6.367066661	4.869320706	9.886114669	7.249119049	7.87814045
ENSMUSG00000098910	12.02668147	8.347406925	4.236906287	6.443661377	7.161945863
ENSMUSG00000098911	8.489422215	7.651789682	12.00456781	4.832746033	10.02672421
ENSMUSG00000098912	7.781970364	20.86851731	9.179963621	14.4982381	9.310529622
ENSMUSG00000098914	82.06441475	134.9497453	113.6903187	215.0571984	186.2105924
ENSMUSG00000098915	87.01657771	107.8206728	110.1595635	64.43661377	100.2672421
ENSMUSG00000098916	5.65961481	8.347406925	11.29841676	4.832746033	2.864778345
ENSMUSG00000098917	26.88317035	20.17290007	29.65834401	55.57657937	29.36397804
ENSMUSG00000098918	9.904325918	6.956172438	7.767661525	5.638203705	2.864778345
ENSMUSG00000098919	46.69182218	57.04061399	52.25517753	78.12939419	78.06520991
ENSMUSG00000098920	0	2.782468975	2.118453143	1.610915344	3.580972932
ENSMUSG00000098922	11.31922962	11.82549314	12.00456781	3.221830688	6.445751277
ENSMUSG00000098924	8.489422215	9.043024169	9.179963621	8.860034393	5.013362104
ENSMUSG00000098925	4.244711108	8.347406925	7.767661525	4.02728836	7.161945863
ENSMUSG00000098926	13.44158517	17.39043109	24.71528667	19.33098413	24.35061594
ENSMUSG00000098928	152.8095999	185.7298041	165.9454962	359.2341218	257.8300511
ENSMUSG00000098929	6.367066661	11.1298759	12.00456781	5.638203705	13.60769714
ENSMUSG00000098931	24.76081479	36.17209668	38.83830763	21.74735715	20.05344842
ENSMUSG00000098932	7.074518513	6.956172438	7.767661525	10.47094974	12.89150255
ENSMUSG00000098934	54.47379255	79.30036579	77.67661525	178.0061455	131.7798039
ENSMUSG00000098935	12.02668147	11.82549314	9.179963621	4.02728836	7.161945863
ENSMUSG00000098936	11.31922962	8.347406925	7.061510478	4.832746033	2.864778345
ENSMUSG00000098937	2.122355554	0.695617244	2.824604191	1.610915344	1.432389173
ENSMUSG00000098938	5.65961481	4.869320706	4.236906287	4.02728836	7.87814045
ENSMUSG00000098939	7.781970364	4.173703463	7.767661525	8.860034393	6.445751277
ENSMUSG00000098940	5.65961481	8.347406925	4.943057334	8.054576721	8.594335036
ENSMUSG00000098941	10.61177777	7.651789682	7.061510478	8.860034393	5.013362104
ENSMUSG00000098942	43.15456293	61.21431745	48.7244223	27.38556085	41.53928601
ENSMUSG00000098943	4.244711108	8.347406925	7.061510478	5.638203705	4.297167518
ENSMUSG00000098944	7.074518513	6.956172438	7.061510478	11.27640741	10.7429188
ENSMUSG00000098945	7.074518513	7.651789682	9.886114669	8.054576721	6.445751277
ENSMUSG00000098946	0	0	0	0	0
ENSMUSG00000098947	7.781970364	6.956172438	4.943057334	4.832746033	5.013362104
ENSMUSG00000098948	0	0	0	0	0
ENSMUSG00000098949	12.73413332	10.43425866	8.473812573	4.02728836	5.013362104
ENSMUSG00000098951	14.14903703	18.08604834	10.59226572	18.52552646	25.78300511

ENSMUSG00000098952	10.61177777	9.738641413	8.473812573	9.665492065	5.013362104
ENSMUSG00000098953	5.65961481	11.1298759	9.179963621	1.610915344	5.013362104
ENSMUSG00000098954	2.829807405	2.782468975	2.118453143	2.416373016	4.297167518
ENSMUSG00000098955	0	0	0	0	0
ENSMUSG00000098956	22.63845924	29.21592424	24.71528667	18.52552646	20.05344842
ENSMUSG00000098957	0.707451851	1.391234488	1.412302096	2.416373016	1.432389173
ENSMUSG00000098958	18.39374813	22.95536904	24.71528667	34.6346799	44.40406435
ENSMUSG00000098959	8.489422215	7.651789682	12.00456781	5.638203705	6.445751277
ENSMUSG00000098960	6.367066661	5.56493795	7.061510478	8.054576721	7.161945863
ENSMUSG00000098961	8.489422215	4.173703463	4.943057334	4.832746033	4.297167518
ENSMUSG00000098962	8.489422215	6.956172438	4.236906287	4.832746033	3.580972932
ENSMUSG00000098963	0	0.695617244	0	0	0
ENSMUSG00000098964	9.196874066	8.347406925	5.649208382	12.08186508	9.310529622
ENSMUSG00000098965	19.10119998	15.30357936	25.42143772	14.4982381	21.48583759
ENSMUSG00000098966	4.952162959	5.56493795	8.473812573	3.221830688	2.148583759
ENSMUSG00000098967	0	2.782468975	2.824604191	1.610915344	2.864778345
ENSMUSG00000098968	3.537259256	4.173703463	6.35535943	3.221830688	2.864778345
ENSMUSG00000098969	0	0	0	0	0
ENSMUSG00000098970	8.489422215	8.347406925	7.767661525	2.416373016	7.161945863
ENSMUSG00000098972	9.904325918	9.738641413	9.886114669	10.47094974	17.18867007
ENSMUSG00000098973	23.34591109	19.47728283	18.35992724	18.52552646	18.62105924
ENSMUSG00000098974	0	0	0	0	0
ENSMUSG00000098975	57.30359995	68.86610713	82.61967259	41.07834128	34.37734014
ENSMUSG00000098976	11.31922962	9.738641413	12.71071886	10.47094974	2.864778345
ENSMUSG00000098977	6.367066661	8.347406925	4.236906287	1.610915344	5.013362104
ENSMUSG00000098978	6.367066661	6.956172438	7.767661525	2.416373016	5.729556691
ENSMUSG00000098979	2.829807405	2.086851731	1.412302096	0	0
ENSMUSG00000098980	6.367066661	12.52111039	3.530755239	5.638203705	7.161945863
ENSMUSG00000098981	1.414903703	3.478086219	1.412302096	1.610915344	2.148583759
ENSMUSG00000098982	26.1757185	13.91234488	13.41686991	12.88732275	12.17530797
ENSMUSG00000098983	7.074518513	9.043024169	10.59226572	7.249119049	7.161945863
ENSMUSG00000098984	11.31922962	7.651789682	8.473812573	8.054576721	8.594335036
ENSMUSG00000098985	9.904325918	6.956172438	9.886114669	8.860034393	11.45911338
ENSMUSG00000098986	0	0	0	0	0
ENSMUSG00000098987	13.44158517	9.738641413	10.59226572	8.054576721	9.310529622
ENSMUSG00000098988	14.14903703	26.43345526	24.71528667	104.7094974	79.49759908
ENSMUSG00000098989	6.367066661	3.478086219	5.649208382	8.054576721	2.148583759
ENSMUSG00000098990	0	0	0	0	0
ENSMUSG00000098991	12.73413332	5.56493795	11.29841676	7.249119049	10.02672421
ENSMUSG00000098992	12.02668147	11.1298759	19.06607829	33.02376456	37.24211849
ENSMUSG00000098993	5.65961481	9.738641413	7.061510478	5.638203705	5.013362104
ENSMUSG00000098994	8.489422215	4.869320706	7.061510478	10.47094974	12.17530797
ENSMUSG00000098995	9.904325918	13.91234488	9.886114669	11.27640741	13.60769714

ENSMUSG0000098996	7.781970364	4.869320706	7.767661525	4.832746033	5.013362104
ENSMUSG0000098997	9.196874066	9.043024169	6.35535943	4.02728836	7.87814045
ENSMUSG0000098998	0	1.391234488	0	4.832746033	2.148583759
ENSMUSG0000098999	9.196874066	6.260555194	7.061510478	5.638203705	6.445751277
ENSMUSG0000099000	3.537259256	4.869320706	2.824604191	2.416373016	1.432389173
ENSMUSG0000099001	8.489422215	9.738641413	7.061510478	7.249119049	4.297167518
ENSMUSG0000099002	8.489422215	13.91234488	12.71071886	4.832746033	11.45911338
ENSMUSG0000099003	7.074518513	6.956172438	8.473812573	8.054576721	9.310529622
ENSMUSG0000099004	4.244711108	6.956172438	11.29841676	7.249119049	6.445751277
ENSMUSG0000099005	9.904325918	9.043024169	8.473812573	12.88732275	12.17530797
ENSMUSG0000099006	0	0	0	0	0
ENSMUSG0000099008	77.11225179	139.1234488	130.6379438	72.49119049	81.64618284
ENSMUSG0000099010	0.707451851	0.695617244	1.412302096	0.805457672	0.716194586
ENSMUSG0000099011	4.952162959	5.56493795	4.943057334	8.054576721	4.297167518
ENSMUSG0000099012	12.02668147	4.869320706	12.71071886	4.02728836	9.310529622
ENSMUSG0000099013	12.73413332	5.56493795	5.649208382	8.054576721	5.729556691
ENSMUSG0000099014	10.61177777	6.260555194	7.767661525	7.249119049	7.87814045
ENSMUSG0000099015	9.196874066	6.260555194	6.35535943	4.832746033	12.17530797
ENSMUSG0000099016	9.196874066	13.21672763	6.35535943	8.054576721	5.013362104
ENSMUSG0000099017	0.707451851	2.086851731	4.943057334	2.416373016	3.580972932
ENSMUSG0000099018	0	0	0	0.805457672	0
ENSMUSG0000099019	12.73413332	11.82549314	6.35535943	3.221830688	9.310529622
ENSMUSG0000099020	10.61177777	3.478086219	5.649208382	3.221830688	8.594335036
ENSMUSG0000099021	79.23460734	100.8645003	76.97046421	189.2825529	145.387501
ENSMUSG0000099022	0	0	0	0	0
ENSMUSG0000099023	41.03220737	65.38802092	57.90438592	32.21830688	30.79636721
ENSMUSG0000099024	8.489422215	9.043024169	10.59226572	20.94189947	11.45911338
ENSMUSG0000099025	8.489422215	8.347406925	11.29841676	8.860034393	12.89150255
ENSMUSG0000099027	7.074518513	6.260555194	9.886114669	8.860034393	6.445751277
ENSMUSG0000099030	7.074518513	6.956172438	3.530755239	3.221830688	7.87814045
ENSMUSG0000099031	18.39374813	22.95536904	31.77679715	18.52552646	22.20203218
ENSMUSG0000099033	14.14903703	13.91234488	13.41686991	17.72006879	15.7562809
ENSMUSG0000099034	3.537259256	2.086851731	4.236906287	5.638203705	7.87814045
ENSMUSG0000099035	9.196874066	6.956172438	9.179963621	17.72006879	13.60769714
ENSMUSG0000099036	6.367066661	7.651789682	5.649208382	8.860034393	5.013362104
ENSMUSG0000099037	4.244711108	6.260555194	4.943057334	1.610915344	2.864778345
ENSMUSG0000099039	77.11225179	129.3848073	113.6903187	57.18749472	55.14698315
ENSMUSG0000099042	7.074518513	8.347406925	12.00456781	9.665492065	8.594335036
ENSMUSG0000099043	9.196874066	16.69481385	11.29841676	12.88732275	10.02672421
ENSMUSG0000099045	77.11225179	111.9943762	116.5149229	70.88027514	85.94335036
ENSMUSG0000099047	16.97884443	22.95536904	12.00456781	26.58010318	22.91822676
ENSMUSG0000099049	14.14903703	8.347406925	9.179963621	6.443661377	5.013362104
ENSMUSG0000099050	15.56394073	20.17290007	18.35992724	12.08186508	22.91822676

ENSMUSG0000099051	7.781970364	8.347406925	9.179963621	10.47094974	8.594335036
ENSMUSG0000099052	9.196874066	4.869320706	7.767661525	2.416373016	4.297167518
ENSMUSG0000099053	12.73413332	6.956172438	4.236906287	4.02728836	7.161945863
ENSMUSG0000099054	6.367066661	2.782468975	8.473812573	3.221830688	9.310529622
ENSMUSG0000099055	12.02668147	5.56493795	11.29841676	5.638203705	5.729556691
ENSMUSG0000099056	12.02668147	6.956172438	9.179963621	5.638203705	9.310529622
ENSMUSG0000099057	7.781970364	4.173703463	9.179963621	11.27640741	13.60769714
ENSMUSG0000099058	82.7718666	114.7768452	127.1071886	77.32393652	73.05184781
ENSMUSG0000099059	6.367066661	4.173703463	4.943057334	9.665492065	7.161945863
ENSMUSG0000099060	5.65961481	6.956172438	6.35535943	5.638203705	6.445751277
ENSMUSG0000099061	8.489422215	7.651789682	11.29841676	5.638203705	6.445751277
ENSMUSG0000099062	12.02668147	11.82549314	9.886114669	10.47094974	12.89150255
ENSMUSG0000099063	124.5115258	145.3840039	161.0024389	136.1223466	124.617858
ENSMUSG0000099064	9.196874066	8.347406925	4.943057334	4.02728836	8.594335036
ENSMUSG0000099065	14.14903703	20.86851731	17.65377619	26.58010318	21.48583759
ENSMUSG0000099066	7.781970364	6.956172438	5.649208382	8.054576721	15.04008631
ENSMUSG0000099068	0	0	0	0	0
ENSMUSG0000099069	7.781970364	10.43425866	9.179963621	5.638203705	9.310529622
ENSMUSG0000099070	12.02668147	16.69481385	20.47838039	24.16373016	21.48583759
ENSMUSG0000099071	10.61177777	4.869320706	5.649208382	7.249119049	7.161945863
ENSMUSG0000099072	4.244711108	8.347406925	6.35535943	4.02728836	1.432389173
ENSMUSG0000099073	2.122355554	2.086851731	0	0	2.148583759
ENSMUSG0000099074	3.537259256	5.56493795	2.824604191	7.249119049	5.729556691
ENSMUSG0000099075	12.02668147	14.60796212	10.59226572	9.665492065	10.7429188
ENSMUSG0000099076	1.414903703	1.391234488	4.236906287	3.221830688	6.445751277
ENSMUSG0000099078	9.196874066	8.347406925	8.473812573	4.832746033	2.864778345
ENSMUSG0000099079	35.37259256	61.9099347	63.5535943	87.79488626	58.01176149
ENSMUSG0000099080	1.414903703	4.173703463	6.35535943	9.665492065	6.445751277
ENSMUSG0000099081	3.537259256	9.738641413	7.061510478	4.02728836	6.445751277
ENSMUSG0000099082	14.14903703	21.56413456	16.94762515	7.249119049	19.33725383
ENSMUSG0000099085	6.367066661	9.738641413	8.473812573	5.638203705	6.445751277
ENSMUSG0000099086	0	0	0	0	0
ENSMUSG0000099087	12.02668147	7.651789682	3.530755239	11.27640741	5.013362104
ENSMUSG0000099088	0.707451851	0	0	0	0.716194586
ENSMUSG0000099089	12.73413332	4.869320706	8.473812573	3.221830688	3.580972932
ENSMUSG0000099091	12.73413332	6.260555194	9.886114669	34.6346799	23.63442135
ENSMUSG0000099092	10.61177777	4.173703463	4.943057334	4.02728836	7.161945863
ENSMUSG0000099093	7.074518513	8.347406925	7.061510478	5.638203705	6.445751277
ENSMUSG0000099094	12.73413332	12.52111039	25.42143772	41.88379895	32.94495097
ENSMUSG0000099095	8.489422215	13.91234488	10.59226572	16.10915344	10.02672421
ENSMUSG0000099096	20.51610369	22.95536904	15.53532305	11.27640741	15.04008631
ENSMUSG0000099097	2.829807405	6.260555194	2.118453143	4.02728836	2.864778345
ENSMUSG0000099098	0	0	0	0	0

ENSMUSG0000099099	2.829807405	4.869320706	3.530755239	4.02728836	4.297167518
ENSMUSG0000099101	7.074518513	5.56493795	5.649208382	48.32746033	40.10689684
ENSMUSG0000099102	8.489422215	5.56493795	12.71071886	5.638203705	10.02672421
ENSMUSG0000099103	7.074518513	6.956172438	3.530755239	8.860034393	7.161945863
ENSMUSG0000099104	1.414903703	3.478086219	3.530755239	0.805457672	5.013362104
ENSMUSG0000099105	7.781970364	11.82549314	6.35535943	8.860034393	6.445751277
ENSMUSG0000099106	8.489422215	11.1298759	11.29841676	31.41284921	28.64778345
ENSMUSG0000099107	1.414903703	0.695617244	0	0.805457672	0
ENSMUSG0000099108	1.414903703	0.695617244	4.236906287	0	0.716194586
ENSMUSG0000099109	12.73413332	11.82549314	12.71071886	9.665492065	8.594335036
ENSMUSG0000099110	12.02668147	24.34660353	14.829172	23.35827249	13.60769714
ENSMUSG0000099111	0	0	0.706151048	0	0
ENSMUSG0000099112	54.47379255	71.64857611	67.08434954	111.9586164	65.88990194
ENSMUSG0000099114	4.952162959	8.347406925	16.94762515	4.832746033	10.02672421
ENSMUSG0000099115	7.074518513	9.043024169	7.061510478	8.054576721	6.445751277
ENSMUSG0000099117	0	0	0	0	0
ENSMUSG0000099118	0	0	0	0	0
ENSMUSG0000099119	1.414903703	0.695617244	0	0	0
ENSMUSG0000099120	7.074518513	7.651789682	7.767661525	4.832746033	5.729556691
ENSMUSG0000099123	21.22355554	15.99919661	17.65377619	18.52552646	17.18867007
ENSMUSG0000099124	9.196874066	9.738641413	12.71071886	7.249119049	7.161945863
ENSMUSG0000099125	0.707451851	0	0	0	0
ENSMUSG0000099126	5.65961481	5.56493795	3.530755239	8.054576721	12.89150255
ENSMUSG0000099127	0	1.391234488	1.412302096	0	1.432389173
ENSMUSG0000099128	2.829807405	4.869320706	2.824604191	2.416373016	2.864778345
ENSMUSG0000099129	1.414903703	2.086851731	0.706151048	4.832746033	0.716194586
ENSMUSG0000099130	7.074518513	6.260555194	3.530755239	4.832746033	10.02672421
ENSMUSG0000099131	13.44158517	8.347406925	7.061510478	7.249119049	13.60769714
ENSMUSG0000099132	3.537259256	2.782468975	0.706151048	1.610915344	2.148583759
ENSMUSG0000099133	1.414903703	2.782468975	2.118453143	0.805457672	0
ENSMUSG0000099134	8.489422215	1.391234488	6.35535943	8.054576721	8.594335036
ENSMUSG0000099135	0	0	0	0	0
ENSMUSG0000099136	1.414903703	0.695617244	2.118453143	1.610915344	0.716194586
ENSMUSG0000099137	11.31922962	8.347406925	9.886114669	8.054576721	10.7429188
ENSMUSG0000099138	6.367066661	9.043024169	7.061510478	4.832746033	8.594335036
ENSMUSG0000099139	8.489422215	11.1298759	4.943057334	4.832746033	8.594335036
ENSMUSG0000099140	32.54278516	45.91073809	37.42600553	18.52552646	33.66114556
ENSMUSG0000099141	7.781970364	7.651789682	9.886114669	6.443661377	7.87814045
ENSMUSG0000099142	14.14903703	11.82549314	16.2414741	12.88732275	13.60769714
ENSMUSG0000099143	1.414903703	3.478086219	2.118453143	4.02728836	1.432389173
ENSMUSG0000099144	11.31922962	21.56413456	18.35992724	28.9964762	21.48583759
ENSMUSG0000099145	4.244711108	0	4.943057334	0.805457672	2.864778345
ENSMUSG0000099146	15.56394073	6.260555194	4.236906287	3.221830688	5.729556691

ENSMUSG0000099147	6.367066661	10.43425866	14.12302096	16.10915344	29.36397804
ENSMUSG0000099148	7.781970364	15.99919661	12.00456781	12.88732275	10.02672421
ENSMUSG0000099149	9.904325918	4.869320706	9.886114669	1.610915344	2.864778345
ENSMUSG0000099150	12.73413332	7.651789682	11.29841676	9.665492065	2.864778345
ENSMUSG0000099151	6.367066661	6.956172438	11.29841676	16.10915344	10.7429188
ENSMUSG0000099152	2.122355554	4.173703463	2.824604191	3.221830688	2.864778345
ENSMUSG0000099153	7.074518513	13.21672763	9.179963621	24.96918783	12.17530797
ENSMUSG0000099154	12.02668147	8.347406925	14.829172	8.860034393	9.310529622
ENSMUSG0000099155	298.5446812	310.940908	314.2372163	344.7358837	270.0053591
ENSMUSG0000099157	0	0	0	0.805457672	0.716194586
ENSMUSG0000099158	15.56394073	9.043024169	16.94762515	6.443661377	5.729556691
ENSMUSG0000099159	0	0	0	0	0
ENSMUSG0000099160	12.73413332	20.86851731	12.71071886	9.665492065	10.02672421
ENSMUSG0000099161	11.31922962	13.21672763	9.886114669	3.221830688	10.7429188
ENSMUSG0000099162	7.074518513	7.651789682	7.767661525	10.47094974	5.729556691
ENSMUSG0000099163	2.829807405	3.478086219	3.530755239	7.249119049	2.148583759
ENSMUSG0000099165	9.196874066	10.43425866	10.59226572	4.832746033	2.148583759
ENSMUSG0000099166	2.122355554	1.391234488	0.706151048	0.805457672	0
ENSMUSG0000099168	5.65961481	11.82549314	7.767661525	4.832746033	7.87814045
ENSMUSG0000099169	16.97884443	12.52111039	8.473812573	3.221830688	7.87814045
ENSMUSG0000099170	7.781970364	6.260555194	8.473812573	5.638203705	7.161945863
ENSMUSG0000099172	5.65961481	2.782468975	2.118453143	5.638203705	2.148583759
ENSMUSG0000099173	0	0	0	0	0
ENSMUSG0000099174	6.367066661	4.173703463	5.649208382	4.832746033	8.594335036
ENSMUSG0000099176	6.367066661	8.347406925	12.00456781	4.832746033	5.013362104
ENSMUSG0000099177	43.15456293	47.30197258	58.61053696	88.60034393	69.47087488
ENSMUSG0000099178	7.781970364	6.260555194	3.530755239	2.416373016	7.87814045
ENSMUSG0000099179	4.952162959	4.869320706	6.35535943	1.610915344	5.013362104
ENSMUSG0000099180	7.781970364	9.043024169	9.179963621	8.860034393	11.45911338
ENSMUSG0000099181	7.074518513	13.21672763	9.179963621	12.88732275	14.32389173
ENSMUSG0000099182	9.904325918	4.869320706	6.35535943	5.638203705	7.87814045
ENSMUSG0000099183	56.5961481	86.25653823	74.14586002	34.6346799	42.25548059
ENSMUSG0000099184	2.122355554	0.695617244	0	0	0
ENSMUSG0000099185	10.61177777	5.56493795	4.236906287	9.665492065	7.161945863
ENSMUSG0000099186	38.90985182	31.99839321	36.71985448	23.35827249	29.36397804
ENSMUSG0000099187	10.61177777	15.30357936	12.71071886	13.69278043	11.45911338
ENSMUSG0000099188	2.122355554	13.21672763	2.824604191	13.69278043	13.60769714
ENSMUSG0000099189	0	0	0	0	0
ENSMUSG0000099190	5.65961481	5.56493795	8.473812573	4.832746033	5.729556691
ENSMUSG0000099191	2.122355554	4.173703463	4.236906287	4.02728836	3.580972932
ENSMUSG0000099192	57.30359995	52.86691053	56.49208382	32.21830688	25.78300511
ENSMUSG0000099193	1.414903703	0.695617244	0.706151048	0.805457672	3.580972932
ENSMUSG0000099196	10.61177777	11.82549314	11.29841676	12.08186508	9.310529622



ENSMUSG0000099197	5.65961481	4.173703463	11.29841676	8.054576721	3.580972932
ENSMUSG0000099198	9.196874066	5.56493795	9.179963621	10.47094974	8.594335036
ENSMUSG0000099199	102.5805184	125.9067211	119.3395271	164.3133651	103.1320204
ENSMUSG0000099200	14.14903703	20.17290007	18.35992724	12.08186508	12.17530797
ENSMUSG0000099201	9.904325918	9.738641413	6.35535943	2.416373016	6.445751277
ENSMUSG0000099202	25.46826665	29.91154148	33.89525029	16.10915344	30.79636721
ENSMUSG0000099203	7.074518513	2.782468975	9.179963621	4.02728836	5.013362104
ENSMUSG0000099204	4.952162959	2.086851731	3.530755239	2.416373016	4.297167518
ENSMUSG0000099205	5.65961481	8.347406925	9.179963621	4.832746033	6.445751277
ENSMUSG0000099206	59.42595551	93.90832791	81.91352154	78.93485187	87.37573953
ENSMUSG0000099207	8.489422215	5.56493795	4.236906287	7.249119049	5.013362104
ENSMUSG0000099208	39.61730367	32.69401046	40.25060972	28.19101852	32.22875639
ENSMUSG0000099209	0	0	0	0	0
ENSMUSG0000099210	11.31922962	4.173703463	6.35535943	6.443661377	4.297167518
ENSMUSG0000099211	6.367066661	9.043024169	4.943057334	4.02728836	6.445751277
ENSMUSG0000099212	14.14903703	26.43345526	36.71985448	28.19101852	24.35061594
ENSMUSG0000099213	10.61177777	5.56493795	11.29841676	4.02728836	7.161945863
ENSMUSG0000099214	10.61177777	6.956172438	6.35535943	5.638203705	10.7429188
ENSMUSG0000099215	4.244711108	9.043024169	7.767661525	5.638203705	4.297167518
ENSMUSG0000099218	7.074518513	7.651789682	6.35535943	8.054576721	8.594335036
ENSMUSG0000099219	84.89422215	100.8645003	81.20737049	166.7297381	114.5911338
ENSMUSG0000099220	7.781970364	6.260555194	10.59226572	4.02728836	7.161945863
ENSMUSG0000099221	8.489422215	3.478086219	10.59226572	3.221830688	8.594335036
ENSMUSG0000099222	9.196874066	7.651789682	7.061510478	7.249119049	8.594335036
ENSMUSG0000099223	4.244711108	2.782468975	1.412302096	3.221830688	2.864778345
ENSMUSG0000099224	0	0	0	0	0
ENSMUSG0000099225	0.707451851	0	2.118453143	1.610915344	0
ENSMUSG0000099226	13.44158517	15.30357936	14.12302096	54.7711217	39.39070225
ENSMUSG0000099227	0	0	0	0	0
ENSMUSG0000099228	7.074518513	2.782468975	4.943057334	2.416373016	3.580972932
ENSMUSG0000099229	0	0	0	0	0
ENSMUSG0000099230	60.84085921	71.64857611	77.67661525	54.7711217	63.74131818
ENSMUSG0000099232	9.904325918	9.043024169	11.29841676	7.249119049	10.7429188
ENSMUSG0000099233	0	0	0	0	0
ENSMUSG0000099235	0	0	0	0	0
ENSMUSG0000099236	0	0	0	0	0
ENSMUSG0000099237	8.489422215	4.869320706	9.179963621	10.47094974	11.45911338
ENSMUSG0000099238	25.46826665	25.04222078	28.95219296	24.16373016	28.64778345
ENSMUSG0000099239	8.489422215	6.956172438	15.53532305	4.02728836	4.297167518
ENSMUSG0000099240	93.38364437	125.2111039	108.0411103	190.0880106	141.8065281
ENSMUSG0000099241	52.35143699	79.30036579	65.67204744	173.1733995	143.9551119
ENSMUSG0000099242	7.781970364	6.956172438	7.767661525	8.054576721	6.445751277
ENSMUSG0000099243	0	0	0	0	0

ENSMUSG0000099244	12.02668147	12.52111039	8.473812573	57.18749472	42.97167518
ENSMUSG0000099245	0	0	0	0	0
ENSMUSG0000099246	15.56394073	27.12907251	23.30298458	12.08186508	18.62105924
ENSMUSG0000099247	6.367066661	13.91234488	5.649208382	9.665492065	2.864778345
ENSMUSG0000099248	2.122355554	1.391234488	1.412302096	0	1.432389173
ENSMUSG0000099250	53.05888884	69.56172438	61.43514116	66.85298678	62.30892901
ENSMUSG0000099251	9.904325918	6.260555194	2.824604191	8.860034393	7.87814045
ENSMUSG0000099252	9.904325918	4.173703463	9.886114669	6.443661377	8.594335036
ENSMUSG0000099253	9.196874066	15.30357936	9.179963621	8.860034393	13.60769714
ENSMUSG0000099254	14.85648888	15.99919661	21.89068248	69.2693598	69.47087488
ENSMUSG0000099255	9.196874066	2.086851731	7.767661525	5.638203705	6.445751277
ENSMUSG0000099256	7.781970364	9.043024169	5.649208382	3.221830688	3.580972932
ENSMUSG0000099257	7.781970364	11.1298759	9.179963621	7.249119049	5.013362104
ENSMUSG0000099258	7.781970364	9.738641413	5.649208382	6.443661377	5.729556691
ENSMUSG0000099259	5.65961481	6.260555194	10.59226572	5.638203705	12.17530797
ENSMUSG0000099260	7.074518513	7.651789682	7.061510478	8.054576721	5.729556691
ENSMUSG0000099261	9.904325918	11.1298759	14.12302096	4.02728836	13.60769714
ENSMUSG0000099263	2.829807405	1.391234488	2.118453143	0.805457672	2.864778345
ENSMUSG0000099264	9.904325918	6.956172438	5.649208382	1.610915344	6.445751277
ENSMUSG0000099265	134.4158517	158.6007316	140.5240585	296.4084233	221.3041272
ENSMUSG0000099266	13.44158517	10.43425866	10.59226572	6.443661377	8.594335036
ENSMUSG0000099267	15.56394073	18.78166558	19.06607829	8.860034393	17.90486466
ENSMUSG0000099268	8.489422215	6.260555194	9.886114669	7.249119049	6.445751277
ENSMUSG0000099270	0	0	0	0	0
ENSMUSG0000099272	2.122355554	2.086851731	2.118453143	2.416373016	0
ENSMUSG0000099273	8.489422215	9.043024169	9.886114669	6.443661377	10.7429188
ENSMUSG0000099274	5.65961481	7.651789682	6.35535943	3.221830688	9.310529622
ENSMUSG0000099275	10.61177777	9.738641413	12.71071886	15.30369577	13.60769714
ENSMUSG0000099276	9.904325918	11.1298759	6.35535943	4.02728836	8.594335036
ENSMUSG0000099279	9.196874066	3.478086219	6.35535943	12.88732275	12.17530797
ENSMUSG0000099280	84.1867703	122.4286349	111.5718655	141.7605503	113.1587446
ENSMUSG0000099283	87.01657771	116.863697	122.1641313	116.7913625	89.52432329
ENSMUSG0000099284	12.02668147	9.738641413	14.829172	17.72006879	17.90486466
ENSMUSG0000099285	11.31922962	6.956172438	6.35535943	3.221830688	8.594335036
ENSMUSG0000099286	6.367066661	5.56493795	8.473812573	4.832746033	9.310529622
ENSMUSG0000099287	29.71297775	48.69320706	42.36906287	16.10915344	14.32389173
ENSMUSG0000099289	5.65961481	2.782468975	4.943057334	6.443661377	8.594335036
ENSMUSG0000099290	14.14903703	15.99919661	14.12302096	21.74735715	15.04008631
ENSMUSG0000099291	6.367066661	9.043024169	10.59226572	12.08186508	7.87814045
ENSMUSG0000099292	12.02668147	13.21672763	19.77222934	16.10915344	11.45911338
ENSMUSG0000099293	9.904325918	7.651789682	9.179963621	8.054576721	5.013362104
ENSMUSG0000099294	4.952162959	2.782468975	7.767661525	6.443661377	5.013362104
ENSMUSG0000099295	29.0055259	47.30197258	25.42143772	97.46037832	93.10529622

ENSMUSG0000099296	8.489422215	10.43425866	9.886114669	4.832746033	7.161945863
ENSMUSG0000099298	13.44158517	6.956172438	6.35535943	3.221830688	6.445751277
ENSMUSG0000099299	2.829807405	4.173703463	3.530755239	2.416373016	4.297167518
ENSMUSG0000099300	10.61177777	6.956172438	9.886114669	4.832746033	5.729556691
ENSMUSG0000099301	9.904325918	6.956172438	9.179963621	5.638203705	8.594335036
ENSMUSG0000099302	10.61177777	11.1298759	12.00456781	13.69278043	11.45911338
ENSMUSG0000099303	8.489422215	6.260555194	11.29841676	8.860034393	7.87814045
ENSMUSG0000099304	7.781970364	5.56493795	7.767661525	5.638203705	10.02672421
ENSMUSG0000099307	0	0	0	0	0
ENSMUSG0000099308	11.31922962	15.30357936	11.29841676	16.10915344	17.18867007
ENSMUSG0000099309	12.02668147	18.78166558	19.06607829	12.88732275	10.02672421
ENSMUSG0000099310	90.55383696	132.1672763	126.4010376	136.1223466	116.7397176
ENSMUSG0000099311	12.73413332	17.39043109	13.41686991	14.4982381	25.06681052
ENSMUSG0000099312	8.489422215	2.782468975	2.118453143	2.416373016	0.716194586
ENSMUSG0000099313	50.22908144	82.77845201	72.02740687	53.96566403	52.99839939
ENSMUSG0000099314	0	0	0	0	0
ENSMUSG0000099315	53.05888884	89.73462445	89.68118307	67.65844446	65.17370736
ENSMUSG0000099316	8.489422215	5.56493795	6.35535943	2.416373016	5.013362104
ENSMUSG0000099317	0	0	0	0	0
ENSMUSG0000099318	8.489422215	9.738641413	9.179963621	7.249119049	12.89150255
ENSMUSG0000099319	0.707451851	0	0.706151048	0.805457672	0
ENSMUSG0000099320	7.074518513	7.651789682	7.061510478	4.832746033	7.87814045
ENSMUSG0000099321	11.31922962	10.43425866	2.824604191	6.443661377	10.7429188
ENSMUSG0000099322	0.707451851	4.869320706	2.118453143	1.610915344	3.580972932
ENSMUSG0000099323	0.707451851	2.782468975	0	0	0
ENSMUSG0000099324	4.244711108	7.651789682	4.943057334	4.02728836	3.580972932
ENSMUSG0000099325	9.904325918	6.260555194	8.473812573	8.054576721	7.87814045
ENSMUSG0000099326	7.074518513	6.260555194	7.061510478	3.221830688	10.02672421
ENSMUSG0000099328	0	0	0	0	0
ENSMUSG0000099329	0	0.695617244	0	0	0
ENSMUSG0000099330	29.71297775	39.6501829	45.8998181	23.35827249	39.39070225
ENSMUSG0000099331	7.074518513	7.651789682	7.767661525	12.08186508	7.87814045
ENSMUSG0000099332	0	0	0	0	0
ENSMUSG0000099334	8.489422215	7.651789682	6.35535943	4.02728836	5.729556691
ENSMUSG0000099335	8.489422215	5.56493795	2.118453143	1.610915344	5.013362104
ENSMUSG0000099336	8.489422215	6.260555194	6.35535943	3.221830688	9.310529622
ENSMUSG0000099337	9.904325918	10.43425866	7.767661525	13.69278043	7.161945863
ENSMUSG0000099338	3.537259256	2.782468975	8.473812573	5.638203705	8.594335036
ENSMUSG0000099339	4.952162959	4.173703463	6.35535943	1.610915344	3.580972932
ENSMUSG0000099340	4.952162959	7.651789682	5.649208382	8.054576721	5.729556691
ENSMUSG0000099341	3.537259256	7.651789682	2.118453143	5.638203705	5.013362104
ENSMUSG0000099342	12.02668147	9.043024169	9.886114669	5.638203705	12.17530797
ENSMUSG0000099343	12.02668147	5.56493795	5.649208382	8.054576721	4.297167518

ENSMUSG00000099344	12.73413332	8.347406925	4.236906287	5.638203705	5.013362104
ENSMUSG00000099345	0.707451851	0	1.412302096	0	1.432389173
ENSMUSG00000099346	8.489422215	6.956172438	5.649208382	2.416373016	5.729556691
ENSMUSG00000099347	4.952162959	4.869320706	4.943057334	2.416373016	4.297167518
ENSMUSG00000099348	8.489422215	6.956172438	4.943057334	5.638203705	9.310529622
ENSMUSG00000099349	5.65961481	3.478086219	1.412302096	2.416373016	2.148583759
ENSMUSG00000099350	5.65961481	3.478086219	5.649208382	4.832746033	2.148583759
ENSMUSG00000099351	3.537259256	4.869320706	5.649208382	2.416373016	3.580972932
ENSMUSG00000099352	3.537259256	0.695617244	3.530755239	0	5.729556691
ENSMUSG00000099354	7.781970364	6.956172438	8.473812573	6.443661377	7.161945863
ENSMUSG00000099355	4.244711108	4.173703463	4.943057334	4.02728836	5.013362104
ENSMUSG00000099356	12.02668147	9.043024169	9.886114669	4.02728836	7.87814045
ENSMUSG00000099357	12.02668147	5.56493795	5.649208382	6.443661377	9.310529622
ENSMUSG00000099358	6.367066661	6.956172438	4.943057334	2.416373016	7.87814045
ENSMUSG00000099359	9.196874066	5.56493795	8.473812573	7.249119049	5.729556691
ENSMUSG00000099360	5.65961481	2.086851731	5.649208382	4.832746033	5.013362104
ENSMUSG00000099361	9.196874066	9.043024169	6.35535943	8.054576721	2.864778345
ENSMUSG00000099362	5.65961481	4.173703463	2.118453143	4.832746033	1.432389173
ENSMUSG00000099363	2.829807405	4.173703463	4.943057334	0.805457672	3.580972932
ENSMUSG00000099364	4.244711108	4.869320706	1.412302096	0.805457672	7.87814045
ENSMUSG00000099365	0	0	0	0	0
ENSMUSG00000099366	1.414903703	2.782468975	2.824604191	0.805457672	0.716194586
ENSMUSG00000099367	7.781970364	9.738641413	9.179963621	9.665492065	6.445751277
ENSMUSG00000099368	7.074518513	4.869320706	4.943057334	4.02728836	5.729556691
ENSMUSG00000099369	12.02668147	6.956172438	9.179963621	6.443661377	15.04008631
ENSMUSG00000099370	11.31922962	15.99919661	12.71071886	7.249119049	7.87814045
ENSMUSG00000099371	7.074518513	0.695617244	4.943057334	2.416373016	5.729556691
ENSMUSG00000099372	2.829807405	6.956172438	4.236906287	1.610915344	3.580972932
ENSMUSG00000099373	19.10119998	30.60715873	31.0706461	28.19101852	31.5125618
ENSMUSG00000099374	8.489422215	6.956172438	2.824604191	1.610915344	2.864778345
ENSMUSG00000099375	7.781970364	11.1298759	5.649208382	8.054576721	10.7429188
ENSMUSG00000099376	6.367066661	9.043024169	5.649208382	5.638203705	7.161945863
ENSMUSG00000099377	12.02668147	6.260555194	9.886114669	4.832746033	8.594335036
ENSMUSG00000099378	9.196874066	3.478086219	7.767661525	3.221830688	4.297167518
ENSMUSG00000099379	4.952162959	1.391234488	9.886114669	0.805457672	6.445751277
ENSMUSG00000099380	6.367066661	5.56493795	5.649208382	5.638203705	2.148583759
ENSMUSG00000099381	6.367066661	4.869320706	12.00456781	7.249119049	5.729556691
ENSMUSG00000099382	10.61177777	3.478086219	7.767661525	11.27640741	7.161945863
ENSMUSG00000099383	0	0	2.118453143	0	0
ENSMUSG00000099384	30.4204296	36.86771392	40.25060972	20.1364418	27.93158887
ENSMUSG00000099385	9.904325918	5.56493795	9.179963621	6.443661377	9.310529622
ENSMUSG00000099386	6.367066661	4.869320706	6.35535943	4.832746033	2.864778345
ENSMUSG00000099387	9.904325918	5.56493795	4.943057334	5.638203705	5.013362104

ENSMUSG0000099388	5.65961481	6.956172438	4.236906287	7.249119049	5.729556691
ENSMUSG0000099389	3.537259256	4.869320706	3.530755239	3.221830688	5.013362104
ENSMUSG0000099390	7.781970364	6.260555194	2.118453143	0	2.148583759
ENSMUSG0000099391	14.14903703	7.651789682	12.00456781	4.832746033	5.013362104
ENSMUSG0000099392	6.367066661	7.651789682	7.061510478	5.638203705	4.297167518
ENSMUSG0000099393	4.952162959	4.869320706	4.236906287	2.416373016	2.864778345
ENSMUSG0000099394	7.781970364	9.043024169	4.236906287	7.249119049	6.445751277
ENSMUSG0000099395	5.65961481	3.478086219	8.473812573	4.02728836	2.864778345
ENSMUSG0000099396	10.61177777	4.869320706	9.886114669	5.638203705	2.864778345
ENSMUSG0000099397	0	0	0	0	0
ENSMUSG0000099399	7.074518513	2.086851731	7.061510478	3.221830688	1.432389173
ENSMUSG0000099400	9.904325918	4.869320706	7.767661525	8.054576721	4.297167518
ENSMUSG0000099401	14.14903703	3.478086219	10.59226572	2.416373016	4.297167518
ENSMUSG0000099403	5.65961481	6.956172438	7.767661525	8.860034393	7.161945863
ENSMUSG0000099404	4.244711108	2.086851731	2.118453143	1.610915344	0.716194586
ENSMUSG0000099405	9.904325918	11.1298759	9.179963621	4.02728836	5.013362104
ENSMUSG0000099406	7.781970364	6.260555194	7.061510478	9.665492065	6.445751277
ENSMUSG0000099407	7.781970364	5.56493795	9.179963621	4.02728836	5.729556691
ENSMUSG0000099408	4.244711108	6.956172438	4.943057334	0.805457672	5.013362104
ENSMUSG0000099409	7.781970364	4.869320706	9.886114669	4.832746033	4.297167518
ENSMUSG0000099410	6.367066661	7.651789682	7.061510478	3.221830688	3.580972932
ENSMUSG0000099411	9.196874066	4.173703463	9.886114669	5.638203705	7.161945863
ENSMUSG0000099412	7.074518513	4.869320706	6.35535943	5.638203705	2.148583759
ENSMUSG0000099413	9.196874066	8.347406925	8.473812573	5.638203705	5.013362104
ENSMUSG0000099414	10.61177777	5.56493795	14.12302096	6.443661377	5.729556691
ENSMUSG0000099415	4.952162959	3.478086219	3.530755239	3.221830688	4.297167518
ENSMUSG0000099416	6.367066661	1.391234488	5.649208382	2.416373016	4.297167518
ENSMUSG0000099417	8.489422215	10.43425866	1.412302096	7.249119049	2.864778345
ENSMUSG0000099418	12.02668147	9.043024169	10.59226572	8.054576721	6.445751277
ENSMUSG0000099419	9.196874066	11.1298759	14.829172	12.88732275	12.17530797
ENSMUSG0000099420	1.414903703	1.391234488	3.530755239	0.805457672	0.716194586
ENSMUSG0000099421	7.074518513	8.347406925	6.35535943	11.27640741	7.161945863
ENSMUSG0000099422	8.489422215	8.347406925	7.061510478	11.27640741	9.310529622
ENSMUSG0000099423	15.56394073	4.173703463	13.41686991	8.054576721	12.17530797
ENSMUSG0000099424	9.196874066	8.347406925	7.061510478	6.443661377	5.729556691
ENSMUSG0000099425	9.196874066	7.651789682	6.35535943	1.610915344	6.445751277
ENSMUSG0000099426	6.367066661	4.173703463	4.943057334	1.610915344	3.580972932
ENSMUSG0000099427	7.074518513	8.347406925	8.473812573	1.610915344	7.161945863
ENSMUSG0000099428	32.54278516	33.3896277	32.4829482	60.40932541	38.67450766
ENSMUSG0000099429	9.196874066	6.956172438	9.886114669	8.860034393	10.02672421
ENSMUSG0000099430	4.952162959	7.651789682	3.530755239	1.610915344	3.580972932
ENSMUSG0000099431	9.196874066	4.173703463	3.530755239	1.610915344	5.013362104
ENSMUSG0000099432	12.02668147	10.43425866	12.00456781	16.10915344	12.89150255

ENSMUSG0000099433	7.074518513	6.956172438	8.473812573	5.638203705	2.148583759
ENSMUSG0000099434	9.196874066	4.869320706	7.061510478	5.638203705	5.729556691
ENSMUSG0000099435	9.196874066	6.260555194	9.179963621	8.054576721	8.594335036
ENSMUSG0000099436	3.537259256	7.651789682	4.236906287	4.02728836	1.432389173
ENSMUSG0000099437	10.61177777	6.956172438	4.236906287	5.638203705	7.87814045
ENSMUSG0000099438	9.196874066	4.869320706	5.649208382	5.638203705	3.580972932
ENSMUSG0000099439	4.952162959	1.391234488	6.35535943	1.610915344	1.432389173
ENSMUSG0000099440	2.122355554	1.391234488	0	0.805457672	1.432389173
ENSMUSG0000099441	5.65961481	2.782468975	7.767661525	5.638203705	5.013362104
ENSMUSG0000099442	5.65961481	6.956172438	6.35535943	8.860034393	2.864778345
ENSMUSG0000099443	1.414903703	1.391234488	1.412302096	2.416373016	1.432389173
ENSMUSG0000099444	7.781970364	8.347406925	6.35535943	9.665492065	5.729556691
ENSMUSG0000099445	2.122355554	0	0.706151048	0	1.432389173
ENSMUSG0000099446	10.61177777	6.260555194	9.886114669	6.443661377	5.729556691
ENSMUSG0000099447	12.73413332	6.260555194	8.473812573	5.638203705	6.445751277
ENSMUSG0000099448	8.489422215	6.956172438	4.943057334	8.054576721	5.729556691
ENSMUSG0000099449	8.489422215	3.478086219	8.473812573	4.02728836	5.013362104
ENSMUSG0000099450	8.489422215	7.651789682	9.886114669	8.054576721	8.594335036
ENSMUSG0000099451	5.65961481	9.043024169	7.767661525	4.02728836	9.310529622
ENSMUSG0000099452	7.074518513	13.91234488	9.179963621	4.832746033	4.297167518
ENSMUSG0000099453	12.02668147	10.43425866	9.179963621	8.054576721	5.013362104
ENSMUSG0000099454	9.196874066	4.869320706	7.767661525	5.638203705	7.87814045
ENSMUSG0000099455	4.952162959	12.52111039	4.236906287	4.832746033	5.013362104
ENSMUSG0000099456	4.244711108	2.086851731	3.530755239	4.832746033	4.297167518
ENSMUSG0000099457	7.074518513	3.478086219	9.179963621	4.02728836	3.580972932
ENSMUSG0000099458	9.196874066	5.56493795	9.179963621	7.249119049	10.02672421
ENSMUSG0000099459	19.80865184	25.04222078	28.95219296	17.72006879	20.769643
ENSMUSG0000099460	2.122355554	4.173703463	4.236906287	4.832746033	3.580972932
ENSMUSG0000099461	6.367066661	5.56493795	8.473812573	3.221830688	2.148583759
ENSMUSG0000099462	6.367066661	3.478086219	7.767661525	0.805457672	5.729556691
ENSMUSG0000099463	7.781970364	3.478086219	2.118453143	3.221830688	2.864778345
ENSMUSG0000099464	9.904325918	5.56493795	8.473812573	6.443661377	5.729556691
ENSMUSG0000099465	9.196874066	7.651789682	11.29841676	8.860034393	7.87814045
ENSMUSG0000099466	5.65961481	6.260555194	4.943057334	1.610915344	2.864778345
ENSMUSG0000099467	14.14903703	8.347406925	10.59226572	8.860034393	6.445751277
ENSMUSG0000099468	1.414903703	2.086851731	0	0	0.716194586
ENSMUSG0000099469	9.904325918	9.738641413	6.35535943	6.443661377	5.729556691
ENSMUSG0000099470	4.244711108	9.043024169	7.767661525	7.249119049	7.87814045
ENSMUSG0000099471	14.85648888	30.60715873	28.24604191	23.35827249	34.37734014
ENSMUSG0000099472	4.952162959	3.478086219	4.943057334	4.832746033	5.729556691
ENSMUSG0000099473	10.61177777	3.478086219	15.53532305	5.638203705	10.7429188
ENSMUSG0000099474	29.0055259	17.39043109	24.00913562	19.33098413	14.32389173
ENSMUSG0000099475	4.952162959	4.869320706	1.412302096	2.416373016	2.864778345

ENSMUSG0000099476	9.196874066	7.651789682	8.473812573	3.221830688	5.729556691
ENSMUSG0000099477	6.367066661	4.173703463	0	5.638203705	4.297167518
ENSMUSG0000099478	11.31922962	11.1298759	9.179963621	8.054576721	10.7429188
ENSMUSG0000099479	8.489422215	7.651789682	9.886114669	1.610915344	4.297167518
ENSMUSG0000099480	7.074518513	5.56493795	2.824604191	3.221830688	4.297167518
ENSMUSG0000099482	6.367066661	4.173703463	4.236906287	3.221830688	2.148583759
ENSMUSG0000099483	2.122355554	5.56493795	8.473812573	2.416373016	5.013362104
ENSMUSG0000099484	7.074518513	6.260555194	10.59226572	6.443661377	7.87814045
ENSMUSG0000099485	9.904325918	7.651789682	8.473812573	4.832746033	6.445751277
ENSMUSG0000099486	7.781970364	8.347406925	9.886114669	6.443661377	6.445751277
ENSMUSG0000099487	3.537259256	3.478086219	3.530755239	4.832746033	3.580972932
ENSMUSG0000099488	7.074518513	7.651789682	11.29841676	10.47094974	11.45911338
ENSMUSG0000099489	4.244711108	6.956172438	4.236906287	0.805457672	3.580972932
ENSMUSG0000099490	3.537259256	6.956172438	7.767661525	11.27640741	6.445751277
ENSMUSG0000099491	12.02668147	5.56493795	6.35535943	5.638203705	5.729556691
ENSMUSG0000099492	4.244711108	6.956172438	9.886114669	12.88732275	10.7429188
ENSMUSG0000099493	7.074518513	8.347406925	6.35535943	2.416373016	0.716194586
ENSMUSG0000099494	4.952162959	4.173703463	7.767661525	5.638203705	2.148583759
ENSMUSG0000099495	5.65961481	4.869320706	5.649208382	1.610915344	2.864778345
ENSMUSG0000099496	2.829807405	3.478086219	4.943057334	2.416373016	4.297167518
ENSMUSG0000099497	7.781970364	8.347406925	2.824604191	2.416373016	6.445751277
ENSMUSG0000099498	9.904325918	5.56493795	4.236906287	6.443661377	9.310529622
ENSMUSG0000099499	4.952162959	6.956172438	7.061510478	0.805457672	2.148583759
ENSMUSG0000099500	5.65961481	4.869320706	2.118453143	1.610915344	5.013362104
ENSMUSG0000099501	7.074518513	6.260555194	3.530755239	3.221830688	3.580972932
ENSMUSG0000099502	11.31922962	6.956172438	9.886114669	8.054576721	5.013362104
ENSMUSG0000099503	9.196874066	8.347406925	11.29841676	5.638203705	11.45911338
ENSMUSG0000099504	9.904325918	5.56493795	2.824604191	5.638203705	1.432389173
ENSMUSG0000099505	7.781970364	5.56493795	7.061510478	4.02728836	7.87814045
ENSMUSG0000099506	5.65961481	6.260555194	8.473812573	3.221830688	4.297167518
ENSMUSG0000099507	10.61177777	9.043024169	9.886114669	4.02728836	9.310529622
ENSMUSG0000099508	9.904325918	8.347406925	9.179963621	7.249119049	4.297167518
ENSMUSG0000099509	5.65961481	6.956172438	7.061510478	2.416373016	4.297167518
ENSMUSG0000099510	19.10119998	32.69401046	36.01370344	31.41284921	30.79636721
ENSMUSG0000099511	6.367066661	6.956172438	7.061510478	7.249119049	10.02672421
ENSMUSG0000099512	10.61177777	7.651789682	12.00456781	3.221830688	6.445751277
ENSMUSG0000099513	7.781970364	9.043024169	4.943057334	4.832746033	6.445751277
ENSMUSG0000099514	5.65961481	2.782468975	4.236906287	4.832746033	4.297167518
ENSMUSG0000099516	7.781970364	7.651789682	9.179963621	6.443661377	7.161945863
ENSMUSG0000099518	2.122355554	6.260555194	4.943057334	2.416373016	2.148583759
ENSMUSG0000099519	7.074518513	13.21672763	14.829172	12.88732275	17.90486466
ENSMUSG0000099520	4.952162959	2.782468975	4.236906287	0	2.864778345
ENSMUSG0000099521	0	0.695617244	0.706151048	1.610915344	1.432389173

ENSMUSG0000099522	2.829807405	2.782468975	2.118453143	3.221830688	7.161945863
ENSMUSG0000099523	2.122355554	2.086851731	5.649208382	3.221830688	3.580972932
ENSMUSG0000099524	3.537259256	8.347406925	4.943057334	0.805457672	5.729556691
ENSMUSG0000099525	8.489422215	4.869320706	5.649208382	2.416373016	4.297167518
ENSMUSG0000099526	4.952162959	2.782468975	5.649208382	2.416373016	4.297167518
ENSMUSG0000099527	9.904325918	6.260555194	9.886114669	3.221830688	7.161945863
ENSMUSG0000099528	7.781970364	6.956172438	7.061510478	7.249119049	8.594335036
ENSMUSG0000099529	8.489422215	5.56493795	5.649208382	1.610915344	1.432389173
ENSMUSG0000099532	8.489422215	8.347406925	4.943057334	2.416373016	4.297167518
ENSMUSG0000099534	11.31922962	7.651789682	7.767661525	8.860034393	5.013362104
ENSMUSG0000099535	6.367066661	4.173703463	12.71071886	0	2.864778345
ENSMUSG0000099536	5.65961481	4.869320706	4.943057334	3.221830688	7.161945863
ENSMUSG0000099537	3.537259256	8.347406925	6.35535943	5.638203705	5.013362104
ENSMUSG0000099538	8.489422215	10.43425866	9.179963621	7.249119049	8.594335036
ENSMUSG0000099539	6.367066661	5.56493795	7.767661525	8.054576721	4.297167518
ENSMUSG0000099540	7.074518513	10.43425866	14.12302096	3.221830688	11.45911338
ENSMUSG0000099542	9.196874066	6.260555194	7.061510478	1.610915344	3.580972932
ENSMUSG0000099543	9.196874066	10.43425866	11.29841676	6.443661377	8.594335036
ENSMUSG0000099544	8.489422215	6.956172438	4.236906287	6.443661377	7.161945863
ENSMUSG0000099545	0.707451851	4.869320706	2.118453143	3.221830688	5.729556691
ENSMUSG0000099546	4.952162959	6.260555194	6.35535943	0.805457672	2.148583759
ENSMUSG0000099547	2.829807405	6.260555194	6.35535943	4.832746033	5.013362104
ENSMUSG0000099548	4.952162959	6.260555194	4.236906287	6.443661377	4.297167518
ENSMUSG0000099549	12.02668147	6.260555194	9.179963621	7.249119049	11.45911338
ENSMUSG0000099551	6.367066661	3.478086219	5.649208382	1.610915344	2.864778345
ENSMUSG0000099552	11.31922962	2.782468975	9.886114669	6.443661377	6.445751277
ENSMUSG0000099553	7.074518513	5.56493795	4.943057334	6.443661377	3.580972932
ENSMUSG0000099554	8.489422215	10.43425866	5.649208382	4.832746033	10.02672421
ENSMUSG0000099555	5.65961481	5.56493795	4.943057334	3.221830688	5.013362104
ENSMUSG0000099556	7.781970364	10.43425866	7.767661525	6.443661377	5.013362104
ENSMUSG0000099558	9.196874066	2.086851731	6.35535943	6.443661377	5.729556691
ENSMUSG0000099559	2.122355554	1.391234488	5.649208382	5.638203705	4.297167518
ENSMUSG0000099560	5.65961481	7.651789682	5.649208382	8.054576721	7.161945863
ENSMUSG0000099561	9.904325918	6.956172438	6.35535943	8.054576721	7.161945863
ENSMUSG0000099562	10.61177777	6.260555194	6.35535943	12.08186508	4.297167518
ENSMUSG0000099563	9.904325918	6.956172438	3.530755239	4.832746033	7.87814045
ENSMUSG0000099564	9.196874066	9.043024169	8.473812573	11.27640741	11.45911338
ENSMUSG0000099565	5.65961481	4.173703463	6.35535943	2.416373016	3.580972932
ENSMUSG0000099566	3.537259256	6.260555194	4.236906287	4.02728836	2.864778345
ENSMUSG0000099568	12.02668147	11.1298759	14.829172	8.054576721	10.02672421
ENSMUSG0000099569	26.1757185	46.60635533	37.42600553	81.35122488	70.18706946
ENSMUSG0000099570	2.829807405	6.260555194	7.061510478	4.02728836	5.013362104
ENSMUSG0000099571	9.904325918	4.869320706	8.473812573	5.638203705	6.445751277



ENSMUSG00000099572	9.196874066	4.869320706	9.886114669	3.221830688	4.297167518
ENSMUSG00000099573	3.537259256	6.956172438	6.35535943	2.416373016	2.148583759
ENSMUSG00000099574	12.73413332	9.738641413	6.35535943	3.221830688	8.594335036
ENSMUSG00000099575	7.781970364	2.782468975	5.649208382	4.02728836	2.148583759
ENSMUSG00000099576	7.781970364	9.043024169	4.943057334	6.443661377	5.729556691
ENSMUSG00000099577	7.074518513	5.56493795	9.179963621	3.221830688	7.87814045
ENSMUSG00000099578	8.489422215	6.260555194	7.061510478	4.832746033	3.580972932
ENSMUSG00000099579	13.44158517	11.1298759	13.41686991	5.638203705	6.445751277
ENSMUSG00000099580	0	0	0	0	0
ENSMUSG00000099582	12.02668147	8.347406925	5.649208382	6.443661377	7.87814045
ENSMUSG00000099584	9.904325918	6.956172438	7.767661525	5.638203705	6.445751277
ENSMUSG00000099585	4.952162959	4.173703463	4.236906287	7.249119049	7.87814045
ENSMUSG00000099586	7.074518513	6.260555194	4.236906287	2.416373016	2.864778345
ENSMUSG00000099587	0	1.391234488	0.706151048	0	0.716194586
ENSMUSG00000099588	9.904325918	6.956172438	3.530755239	1.610915344	1.432389173
ENSMUSG00000099589	3.537259256	6.260555194	6.35535943	1.610915344	3.580972932
ENSMUSG00000099590	6.367066661	6.956172438	7.767661525	4.832746033	5.013362104
ENSMUSG00000099591	8.489422215	11.1298759	9.179963621	5.638203705	10.7429188
ENSMUSG00000099592	4.244711108	6.260555194	6.35535943	3.221830688	5.013362104
ENSMUSG00000099593	2.829807405	6.260555194	3.530755239	3.221830688	4.297167518
ENSMUSG00000099594	5.65961481	2.086851731	7.767661525	4.832746033	5.013362104
ENSMUSG00000099595	8.489422215	2.782468975	2.824604191	6.443661377	3.580972932
ENSMUSG00000099596	9.196874066	4.869320706	4.943057334	3.221830688	6.445751277
ENSMUSG00000099597	9.196874066	12.52111039	13.41686991	5.638203705	11.45911338
ENSMUSG00000099598	7.074518513	4.869320706	6.35535943	5.638203705	6.445751277
ENSMUSG00000099599	8.489422215	4.869320706	7.767661525	2.416373016	9.310529622
ENSMUSG00000099600	43.15456293	45.91073809	53.66747963	87.79488626	69.47087488
ENSMUSG00000099601	4.952162959	4.869320706	4.236906287	3.221830688	1.432389173
ENSMUSG00000099602	11.31922962	9.738641413	4.943057334	6.443661377	5.013362104
ENSMUSG00000099603	5.65961481	13.21672763	10.59226572	4.832746033	5.729556691
ENSMUSG00000099604	4.244711108	9.043024169	9.179963621	2.416373016	7.161945863
ENSMUSG00000099605	6.367066661	7.651789682	9.886114669	9.665492065	9.310529622
ENSMUSG00000099606	1.414903703	3.478086219	7.767661525	1.610915344	3.580972932
ENSMUSG00000099607	7.074518513	4.869320706	7.061510478	6.443661377	5.729556691
ENSMUSG00000099608	8.489422215	6.956172438	9.886114669	6.443661377	6.445751277
ENSMUSG00000099609	0	0	0.706151048	0	0
ENSMUSG00000099610	12.02668147	6.956172438	2.824604191	4.02728836	7.161945863
ENSMUSG00000099611	6.367066661	9.738641413	9.179963621	7.249119049	5.729556691
ENSMUSG00000099612	8.489422215	8.347406925	6.35535943	3.221830688	8.594335036
ENSMUSG00000099613	7.781970364	3.478086219	6.35535943	3.221830688	5.013362104
ENSMUSG00000099614	4.952162959	2.782468975	4.236906287	2.416373016	5.013362104
ENSMUSG00000099615	8.489422215	8.347406925	9.886114669	3.221830688	5.013362104
ENSMUSG00000099616	12.02668147	10.43425866	13.41686991	6.443661377	10.02672421

ENSMUSG00000099617	7.074518513	7.651789682	6.35535943	5.638203705	3.580972932
ENSMUSG00000099618	2.829807405	7.651789682	6.35535943	4.02728836	4.297167518
ENSMUSG00000099619	3.537259256	4.173703463	3.530755239	4.832746033	5.013362104
ENSMUSG00000099620	7.781970364	9.043024169	2.824604191	4.02728836	9.310529622
ENSMUSG00000099621	8.489422215	5.56493795	2.118453143	4.832746033	5.729556691
ENSMUSG00000099622	10.61177777	4.869320706	6.35535943	8.054576721	4.297167518
ENSMUSG00000099623	9.904325918	6.956172438	6.35535943	9.665492065	4.297167518
ENSMUSG00000099624	12.73413332	5.56493795	12.71071886	4.02728836	7.87814045
ENSMUSG00000099625	12.02668147	5.56493795	7.767661525	8.054576721	7.87814045
ENSMUSG00000099626	7.781970364	5.56493795	7.061510478	4.832746033	3.580972932
ENSMUSG00000099627	12.02668147	4.869320706	4.236906287	4.02728836	6.445751277
ENSMUSG00000099628	4.952162959	4.869320706	4.236906287	4.02728836	5.013362104
ENSMUSG00000099629	9.196874066	7.651789682	2.118453143	6.443661377	8.594335036
ENSMUSG00000099630	12.02668147	5.56493795	5.649208382	13.69278043	10.7429188
ENSMUSG00000099631	14.14903703	7.651789682	12.00456781	8.860034393	7.161945863
ENSMUSG00000099632	82.7718666	114.7768452	120.7518292	185.2552646	140.3741389
ENSMUSG00000099633	4.244711108	6.956172438	4.943057334	1.610915344	2.864778345
ENSMUSG00000099634	8.489422215	9.043024169	7.767661525	4.832746033	5.013362104
ENSMUSG00000099635	5.65961481	3.478086219	4.236906287	3.221830688	5.729556691
ENSMUSG00000099636	3.537259256	5.56493795	2.824604191	4.02728836	3.580972932
ENSMUSG00000099637	7.074518513	9.043024169	2.824604191	1.610915344	4.297167518
ENSMUSG00000099638	4.244711108	5.56493795	6.35535943	0.805457672	2.864778345
ENSMUSG00000099639	7.781970364	5.56493795	9.179963621	4.02728836	7.87814045
ENSMUSG00000099640	5.65961481	5.56493795	7.061510478	4.02728836	6.445751277
ENSMUSG00000099641	2.829807405	5.56493795	9.179963621	3.221830688	5.013362104
ENSMUSG00000099642	4.952162959	5.56493795	7.767661525	0.805457672	5.729556691
ENSMUSG00000099643	7.781970364	5.56493795	4.236906287	8.860034393	4.297167518
ENSMUSG00000099644	9.196874066	9.738641413	6.35535943	39.46742593	45.12025894
ENSMUSG00000099645	4.952162959	2.086851731	8.473812573	4.832746033	2.864778345
ENSMUSG00000099646	3.537259256	2.782468975	3.530755239	4.832746033	3.580972932
ENSMUSG00000099647	0	0	0	0	0
ENSMUSG00000099648	9.196874066	6.260555194	6.35535943	7.249119049	5.013362104
ENSMUSG00000099649	4.952162959	6.260555194	7.767661525	0.805457672	5.013362104
ENSMUSG00000099650	8.489422215	3.478086219	7.767661525	2.416373016	2.148583759
ENSMUSG00000099651	9.904325918	2.782468975	6.35535943	0.805457672	3.580972932
ENSMUSG00000099652	6.367066661	6.956172438	4.236906287	0.805457672	4.297167518
ENSMUSG00000099653	5.65961481	2.782468975	6.35535943	4.02728836	5.729556691
ENSMUSG00000099654	8.489422215	6.260555194	4.943057334	0.805457672	3.580972932
ENSMUSG00000099655	8.489422215	7.651789682	7.767661525	9.665492065	11.45911338
ENSMUSG00000099656	6.367066661	23.65098629	14.829172	13.69278043	10.7429188
ENSMUSG00000099657	9.904325918	4.173703463	9.886114669	8.860034393	5.013362104
ENSMUSG00000099658	8.489422215	7.651789682	7.061510478	5.638203705	7.87814045
ENSMUSG00000099659	9.196874066	6.260555194	9.179963621	3.221830688	7.161945863

ENSMUSG00000099660	3.537259256	2.782468975	8.473812573	4.832746033	6.445751277
ENSMUSG00000099661	6.367066661	6.956172438	4.236906287	4.02728836	6.445751277
ENSMUSG00000099662	0	0	0	0	0
ENSMUSG00000099663	6.367066661	4.173703463	9.886114669	6.443661377	3.580972932
ENSMUSG00000099664	8.489422215	4.173703463	3.530755239	1.610915344	9.310529622
ENSMUSG00000099665	5.65961481	6.260555194	5.649208382	4.02728836	8.594335036
ENSMUSG00000099666	4.952162959	3.478086219	8.473812573	1.610915344	3.580972932
ENSMUSG00000099667	5.65961481	4.173703463	5.649208382	0	0.716194586
ENSMUSG00000099668	7.074518513	4.869320706	4.236906287	1.610915344	1.432389173
ENSMUSG00000099669	9.196874066	4.869320706	6.35535943	2.416373016	4.297167518
ENSMUSG00000099670	7.781970364	5.56493795	5.649208382	3.221830688	5.729556691
ENSMUSG00000099671	13.44158517	9.043024169	7.061510478	5.638203705	6.445751277
ENSMUSG00000099672	5.65961481	9.738641413	9.179963621	7.249119049	7.161945863
ENSMUSG00000099673	12.73413332	7.651789682	4.943057334	9.665492065	5.013362104
ENSMUSG00000099674	6.367066661	9.043024169	5.649208382	4.02728836	9.310529622
ENSMUSG00000099675	5.65961481	4.173703463	3.530755239	2.416373016	1.432389173
ENSMUSG00000099676	5.65961481	2.086851731	1.412302096	7.249119049	5.729556691
ENSMUSG00000099677	9.196874066	5.56493795	8.473812573	3.221830688	5.013362104
ENSMUSG00000099678	8.489422215	16.69481385	7.767661525	7.249119049	9.310529622
ENSMUSG00000099679	7.074518513	11.1298759	8.473812573	4.02728836	5.729556691
ENSMUSG00000099680	11.31922962	5.56493795	12.00456781	7.249119049	5.013362104
ENSMUSG00000099681	32.54278516	49.38882431	46.60596915	185.2552646	151.8332523
ENSMUSG00000099682	4.244711108	3.478086219	6.35535943	0	2.148583759
ENSMUSG00000099683	7.781970364	9.043024169	8.473812573	4.832746033	6.445751277
ENSMUSG00000099684	5.65961481	6.260555194	4.943057334	2.416373016	5.013362104
ENSMUSG00000099685	5.65961481	4.869320706	4.943057334	3.221830688	3.580972932
ENSMUSG00000099686	7.781970364	9.043024169	8.473812573	4.832746033	10.02672421
ENSMUSG00000099687	8.489422215	3.478086219	7.767661525	5.638203705	7.161945863
ENSMUSG00000099688	5.65961481	2.086851731	2.824604191	0.805457672	2.864778345
ENSMUSG00000099690	8.489422215	6.260555194	10.59226572	12.08186508	12.89150255
ENSMUSG00000099691	12.02668147	10.43425866	5.649208382	4.832746033	2.148583759
ENSMUSG00000099692	5.65961481	6.956172438	10.59226572	2.416373016	7.87814045
ENSMUSG00000099693	25.46826665	25.04222078	33.89525029	26.58010318	30.08017263
ENSMUSG00000099694	4.244711108	9.738641413	7.767661525	4.832746033	11.45911338
ENSMUSG00000099695	5.65961481	4.173703463	4.236906287	5.638203705	6.445751277
ENSMUSG00000099696	5.65961481	12.52111039	7.767661525	7.249119049	8.594335036
ENSMUSG00000099697	28.29807405	65.38802092	33.18909925	20.1364418	32.94495097
ENSMUSG00000099698	9.196874066	9.738641413	6.35535943	4.832746033	7.161945863
ENSMUSG00000099699	6.367066661	2.782468975	6.35535943	2.416373016	5.729556691
ENSMUSG00000099700	7.074518513	5.56493795	5.649208382	5.638203705	5.729556691
ENSMUSG00000099701	7.074518513	7.651789682	5.649208382	6.443661377	7.161945863
ENSMUSG00000099702	9.196874066	6.260555194	5.649208382	12.08186508	8.594335036
ENSMUSG00000099704	7.781970364	4.869320706	4.943057334	1.610915344	2.148583759

ENSMUSG00000099705	10.61177777	9.043024169	9.179963621	4.832746033	10.7429188
ENSMUSG00000099706	9.904325918	6.956172438	5.649208382	6.443661377	5.729556691
ENSMUSG00000099707	7.074518513	5.56493795	4.943057334	4.832746033	9.310529622
ENSMUSG00000099708	188.8896443	235.8142456	177.243913	424.4761932	336.6114556
ENSMUSG00000099709	1.414903703	4.173703463	4.236906287	2.416373016	5.013362104
ENSMUSG00000099710	5.65961481	4.869320706	7.061510478	4.02728836	2.864778345
ENSMUSG00000099712	7.074518513	4.869320706	2.824604191	4.832746033	0.716194586
ENSMUSG00000099713	2.829807405	2.086851731	5.649208382	1.610915344	4.297167518
ENSMUSG00000099714	23.34591109	22.2597518	23.30298458	73.29664816	50.13362104
ENSMUSG00000099715	7.781970364	4.173703463	4.943057334	5.638203705	5.013362104
ENSMUSG00000099716	5.65961481	2.086851731	5.649208382	3.221830688	1.432389173
ENSMUSG00000099717	7.781970364	4.173703463	6.35535943	5.638203705	12.17530797
ENSMUSG00000099718	18.39374813	27.12907251	31.0706461	22.55281482	18.62105924
ENSMUSG00000099719	9.904325918	12.52111039	7.767661525	9.665492065	9.310529622
ENSMUSG00000099720	0	0	0	0	0
ENSMUSG00000099721	5.65961481	3.478086219	2.824604191	0.805457672	6.445751277
ENSMUSG00000099722	9.196874066	2.782468975	6.35535943	7.249119049	10.02672421
ENSMUSG00000099723	2.122355554	2.086851731	4.236906287	3.221830688	4.297167518
ENSMUSG00000099724	9.904325918	7.651789682	7.061510478	4.02728836	2.864778345
ENSMUSG00000099725	3.537259256	3.478086219	6.35535943	6.443661377	4.297167518
ENSMUSG00000099726	7.074518513	4.173703463	6.35535943	0.805457672	4.297167518
ENSMUSG00000099727	3.537259256	2.086851731	4.236906287	3.221830688	2.148583759
ENSMUSG00000099728	8.489422215	6.956172438	5.649208382	4.832746033	7.87814045
ENSMUSG00000099730	4.952162959	7.651789682	6.35535943	2.416373016	1.432389173
ENSMUSG00000099731	4.952162959	3.478086219	2.824604191	1.610915344	2.148583759
ENSMUSG00000099732	9.196874066	4.869320706	5.649208382	6.443661377	3.580972932
ENSMUSG00000099733	6.367066661	4.173703463	3.530755239	2.416373016	3.580972932
ENSMUSG00000099734	5.65961481	4.173703463	3.530755239	4.832746033	0
ENSMUSG00000099735	10.61177777	14.60796212	14.12302096	5.638203705	6.445751277
ENSMUSG00000099736	9.904325918	9.043024169	6.35535943	2.416373016	6.445751277
ENSMUSG00000099737	5.65961481	4.173703463	6.35535943	2.416373016	5.013362104
ENSMUSG00000099738	7.781970364	6.260555194	4.236906287	6.443661377	4.297167518
ENSMUSG00000099739	5.65961481	2.782468975	7.061510478	2.416373016	4.297167518
ENSMUSG00000099741	9.196874066	4.869320706	12.00456781	4.832746033	5.729556691
ENSMUSG00000099742	6.367066661	2.782468975	2.118453143	3.221830688	2.864778345
ENSMUSG00000099743	4.952162959	10.43425866	9.179963621	7.249119049	6.445751277
ENSMUSG00000099744	6.367066661	6.260555194	9.179963621	5.638203705	2.864778345
ENSMUSG00000099745	9.196874066	4.173703463	4.236906287	4.02728836	3.580972932
ENSMUSG00000099746	7.074518513	4.869320706	7.061510478	8.860034393	6.445751277
ENSMUSG00000099747	9.904325918	6.956172438	4.236906287	4.832746033	5.729556691
ENSMUSG00000099748	3.537259256	4.173703463	4.236906287	2.416373016	4.297167518
ENSMUSG00000099749	9.904325918	8.347406925	11.29841676	1.610915344	5.013362104
ENSMUSG00000099750	5.65961481	6.260555194	5.649208382	4.02728836	8.594335036

ENSMUSG0000099751	8.489422215	9.043024169	4.943057334	4.832746033	7.87814045
ENSMUSG0000099752	8.489422215	6.956172438	5.649208382	8.860034393	5.013362104
ENSMUSG0000099753	9.196874066	8.347406925	9.179963621	8.054576721	10.02672421
ENSMUSG0000099754	0	0	0	0	0
ENSMUSG0000099755	6.367066661	4.173703463	4.943057334	4.832746033	2.148583759
ENSMUSG0000099756	6.367066661	6.260555194	3.530755239	2.416373016	5.729556691
ENSMUSG0000099757	110.3624888	143.9927695	115.8087718	133.7059736	100.9834367
ENSMUSG0000099758	8.489422215	5.56493795	7.061510478	8.860034393	1.432389173
ENSMUSG0000099759	0	0	0	0	0
ENSMUSG0000099760	11.31922962	13.21672763	7.061510478	6.443661377	7.87814045
ENSMUSG0000099761	7.074518513	3.478086219	7.767661525	3.221830688	0
ENSMUSG0000099762	12.73413332	9.043024169	9.179963621	8.054576721	10.02672421
ENSMUSG0000099763	7.074518513	10.43425866	7.061510478	5.638203705	3.580972932
ENSMUSG0000099764	0	0.695617244	0	0	0
ENSMUSG0000099765	7.074518513	4.173703463	9.179963621	10.47094974	7.161945863
ENSMUSG0000099766	4.244711108	2.782468975	5.649208382	2.416373016	2.864778345
ENSMUSG0000099767	9.904325918	8.347406925	5.649208382	17.72006879	7.161945863
ENSMUSG0000099768	8.489422215	13.21672763	7.061510478	7.249119049	7.87814045
ENSMUSG0000099769	0	0	0	0	0
ENSMUSG0000099770	11.31922962	11.82549314	9.179963621	4.02728836	8.594335036
ENSMUSG0000099771	7.781970364	10.43425866	6.35535943	7.249119049	5.013362104
ENSMUSG0000099772	6.367066661	9.043024169	10.59226572	8.054576721	5.729556691
ENSMUSG0000099773	7.781970364	9.738641413	9.179963621	12.88732275	15.04008631
ENSMUSG0000099774	8.489422215	7.651789682	4.943057334	11.27640741	7.161945863
ENSMUSG0000099775	9.196874066	5.56493795	6.35535943	9.665492065	6.445751277
ENSMUSG0000099776	6.367066661	5.56493795	4.943057334	0.805457672	5.013362104
ENSMUSG0000099777	2.829807405	5.56493795	9.179963621	4.832746033	5.729556691
ENSMUSG0000099778	7.074518513	5.56493795	4.236906287	1.610915344	5.013362104
ENSMUSG0000099779	11.31922962	16.69481385	6.35535943	11.27640741	9.310529622
ENSMUSG0000099780	4.952162959	1.391234488	3.530755239	4.02728836	5.013362104
ENSMUSG0000099781	13.44158517	8.347406925	12.00456781	15.30369577	9.310529622
ENSMUSG0000099783	2.122355554	3.478086219	5.649208382	4.02728836	5.729556691
ENSMUSG0000099784	9.196874066	6.956172438	6.35535943	3.221830688	7.87814045
ENSMUSG0000099785	10.61177777	5.56493795	6.35535943	3.221830688	5.729556691
ENSMUSG0000099786	5.65961481	2.086851731	4.943057334	2.416373016	1.432389173
ENSMUSG0000099787	9.904325918	13.21672763	5.649208382	4.02728836	7.87814045
ENSMUSG0000099788	14.14903703	7.651789682	4.943057334	3.221830688	7.87814045
ENSMUSG0000099789	7.074518513	2.086851731	5.649208382	1.610915344	5.013362104
ENSMUSG0000099790	3.537259256	4.869320706	9.179963621	3.221830688	2.864778345
ENSMUSG0000099791	2.829807405	4.869320706	5.649208382	2.416373016	4.297167518
ENSMUSG0000099793	10.61177777	5.56493795	9.886114669	0.805457672	7.87814045
ENSMUSG0000099794	7.781970364	7.651789682	9.886114669	5.638203705	3.580972932
ENSMUSG0000099795	9.904325918	4.869320706	8.473812573	4.02728836	5.013362104

ENSMUSG00000099796	11.31922962	7.651789682	8.473812573	4.832746033	7.161945863
ENSMUSG00000099797	16.27139258	7.651789682	9.886114669	6.443661377	10.02672421
ENSMUSG00000099798	4.952162959	6.956172438	12.71071886	2.416373016	7.161945863
ENSMUSG00000099799	7.781970364	5.56493795	0.706151048	3.221830688	5.013362104
ENSMUSG00000099800	4.952162959	2.086851731	2.118453143	3.221830688	1.432389173
ENSMUSG00000099801	9.904325918	5.56493795	4.236906287	5.638203705	2.864778345
ENSMUSG00000099802	12.02668147	8.347406925	5.649208382	3.221830688	3.580972932
ENSMUSG00000099803	2.829807405	3.478086219	5.649208382	4.832746033	8.594335036
ENSMUSG00000099804	9.196874066	8.347406925	7.061510478	6.443661377	2.864778345
ENSMUSG00000099805	7.781970364	5.56493795	7.767661525	4.02728836	7.161945863
ENSMUSG00000099806	3.537259256	2.086851731	4.236906287	4.02728836	4.297167518
ENSMUSG00000099807	4.244711108	1.391234488	7.061510478	2.416373016	5.729556691
ENSMUSG00000099808	0.707451851	0.695617244	0	2.416373016	3.580972932
ENSMUSG00000099809	45.27691848	64.69240367	50.13672439	50.74383334	50.84981563
ENSMUSG00000099810	7.781970364	6.956172438	7.767661525	5.638203705	7.161945863
ENSMUSG00000099811	6.367066661	7.651789682	3.530755239	7.249119049	4.297167518
ENSMUSG00000099812	10.61177777	6.956172438	4.236906287	3.221830688	2.864778345
ENSMUSG00000099813	11.31922962	2.782468975	2.824604191	7.249119049	4.297167518
ENSMUSG00000099814	3.537259256	4.869320706	7.767661525	3.221830688	4.297167518
ENSMUSG00000099815	4.244711108	3.478086219	8.473812573	2.416373016	2.864778345
ENSMUSG00000099816	12.73413332	10.43425866	7.061510478	9.665492065	7.87814045
ENSMUSG00000099817	7.781970364	2.782468975	4.943057334	1.610915344	2.148583759
ENSMUSG00000099818	9.196874066	6.956172438	4.943057334	4.832746033	5.013362104
ENSMUSG00000099819	6.367066661	6.260555194	8.473812573	7.249119049	6.445751277
ENSMUSG00000099820	12.02668147	9.738641413	3.530755239	8.054576721	3.580972932
ENSMUSG00000099821	11.31922962	8.347406925	6.35535943	5.638203705	7.161945863
ENSMUSG00000099822	4.952162959	4.869320706	4.943057334	4.02728836	4.297167518
ENSMUSG00000099823	9.904325918	8.347406925	6.35535943	4.832746033	4.297167518
ENSMUSG00000099824	2.122355554	4.173703463	7.767661525	2.416373016	2.864778345
ENSMUSG00000099825	7.781970364	13.21672763	14.12302096	25.77464551	20.05344842
ENSMUSG00000099826	13.44158517	6.956172438	9.179963621	6.443661377	6.445751277
ENSMUSG00000099827	8.489422215	4.173703463	6.35535943	4.02728836	5.729556691
ENSMUSG00000099828	6.367066661	6.260555194	3.530755239	2.416373016	2.864778345
ENSMUSG00000099829	5.65961481	6.956172438	6.35535943	4.832746033	2.148583759
ENSMUSG00000099830	0	0	0	0	0
ENSMUSG00000099831	4.952162959	4.173703463	8.473812573	4.02728836	5.729556691
ENSMUSG00000099832	5.65961481	2.782468975	7.767661525	4.02728836	5.729556691
ENSMUSG00000099833	6.367066661	6.956172438	9.886114669	0.805457672	6.445751277
ENSMUSG00000099834	0	0	0	0	0
ENSMUSG00000099835	9.196874066	10.43425866	7.767661525	6.443661377	9.310529622
ENSMUSG00000099836	7.074518513	4.869320706	8.473812573	2.416373016	5.013362104
ENSMUSG00000099838	4.244711108	4.173703463	2.824604191	3.221830688	7.161945863
ENSMUSG00000099839	9.904325918	3.478086219	4.943057334	6.443661377	4.297167518

ENSMUSG00000099841	4.952162959	6.956172438	7.061510478	4.832746033	2.864778345
ENSMUSG00000099842	5.65961481	7.651789682	2.824604191	1.610915344	4.297167518
ENSMUSG00000099843	38.90985182	68.17048989	61.43514116	186.8661799	140.3741389
ENSMUSG00000099844	13.44158517	5.56493795	5.649208382	4.02728836	12.17530797
ENSMUSG00000099845	9.904325918	11.82549314	7.061510478	4.02728836	6.445751277
ENSMUSG00000099846	14.14903703	11.1298759	11.29841676	5.638203705	10.02672421
ENSMUSG00000099847	2.122355554	4.869320706	2.824604191	2.416373016	6.445751277
ENSMUSG00000099848	10.61177777	5.56493795	5.649208382	8.860034393	5.729556691
ENSMUSG00000099849	2.829807405	3.478086219	8.473812573	7.249119049	1.432389173
ENSMUSG00000099850	9.904325918	6.260555194	11.29841676	7.249119049	4.297167518
ENSMUSG00000099851	15.56394073	18.08604834	12.71071886	20.1364418	25.06681052
ENSMUSG00000099852	10.61177777	9.043024169	5.649208382	3.221830688	5.729556691
ENSMUSG00000099853	10.61177777	4.869320706	11.29841676	3.221830688	5.013362104
ENSMUSG00000099854	5.65961481	9.738641413	4.943057334	4.832746033	10.02672421
ENSMUSG00000099855	3.537259256	2.086851731	6.35535943	3.221830688	2.864778345
ENSMUSG00000099857	0	0	0	0	0
ENSMUSG00000099858	8.489422215	8.347406925	12.71071886	8.054576721	10.7429188
ENSMUSG00000099859	0	0	0	0	0
ENSMUSG00000099860	9.904325918	8.347406925	6.35535943	12.08186508	7.87814045
ENSMUSG00000099862	4.952162959	4.173703463	4.943057334	2.416373016	5.729556691
ENSMUSG00000099863	7.074518513	6.956172438	5.649208382	7.249119049	5.729556691
ENSMUSG00000099864	12.02668147	7.651789682	10.59226572	3.221830688	2.148583759
ENSMUSG00000099865	7.074518513	4.869320706	7.061510478	0.805457672	5.729556691
ENSMUSG00000099866	2.122355554	4.869320706	7.061510478	0.805457672	2.148583759
ENSMUSG00000099867	7.074518513	2.782468975	2.824604191	2.416373016	5.729556691
ENSMUSG00000099868	12.73413332	8.347406925	10.59226572	12.08186508	12.89150255
ENSMUSG00000099869	9.904325918	13.21672763	7.767661525	5.638203705	7.87814045
ENSMUSG00000099870	7.781970364	7.651789682	5.649208382	8.860034393	9.310529622
ENSMUSG00000099871	2.122355554	4.869320706	48.01827125	0.805457672	2.148583759
ENSMUSG00000099872	10.61177777	3.478086219	9.886114669	4.02728836	6.445751277
ENSMUSG00000099873	9.196874066	9.043024169	5.649208382	2.416373016	4.297167518
ENSMUSG00000099874	3.537259256	10.43425866	4.943057334	8.860034393	5.729556691
ENSMUSG00000099875	0	0	0.706151048	0	0
ENSMUSG00000099876	2.829807405	3.478086219	5.649208382	4.02728836	2.148583759
ENSMUSG00000099877	11.31922962	9.043024169	8.473812573	5.638203705	3.580972932
ENSMUSG00000099878	5.65961481	6.956172438	7.061510478	6.443661377	7.87814045
ENSMUSG00000099879	6.367066661	9.043024169	7.061510478	11.27640741	9.310529622
ENSMUSG00000099880	4.952162959	2.086851731	7.767661525	2.416373016	5.013362104
ENSMUSG00000099881	130.8785925	154.4270281	137.6994543	258.5519127	228.466073
ENSMUSG00000099882	9.904325918	7.651789682	7.767661525	9.665492065	5.013362104
ENSMUSG00000099883	0	0	0	0	0
ENSMUSG00000099884	7.781970364	8.347406925	7.767661525	11.27640741	5.013362104
ENSMUSG00000099886	8.489422215	3.478086219	9.886114669	8.860034393	6.445751277

ENSMUSG00000099887	9.196874066	10.43425866	4.943057334	6.443661377	4.297167518
ENSMUSG00000099888	4.244711108	1.391234488	0.706151048	3.221830688	4.297167518
ENSMUSG00000099889	7.781970364	6.956172438	7.767661525	4.832746033	3.580972932
ENSMUSG00000099890	5.65961481	10.43425866	10.59226572	6.443661377	8.594335036
ENSMUSG00000099891	12.02668147	9.043024169	6.35535943	9.665492065	9.310529622
ENSMUSG00000099892	10.61177777	11.82549314	5.649208382	2.416373016	5.013362104
ENSMUSG00000099893	8.489422215	5.56493795	8.473812573	10.47094974	3.580972932
ENSMUSG00000099895	13.44158517	6.260555194	8.473812573	4.832746033	2.864778345
ENSMUSG00000099896	3.537259256	3.478086219	7.767661525	4.832746033	5.013362104
ENSMUSG00000099897	7.781970364	2.782468975	2.824604191	3.221830688	2.148583759
ENSMUSG00000099899	8.489422215	11.1298759	5.649208382	5.638203705	8.594335036
ENSMUSG00000099901	10.61177777	6.956172438	9.886114669	8.054576721	5.729556691
ENSMUSG00000099902	0	0	0	0	0
ENSMUSG00000099903	6.367066661	6.956172438	4.236906287	4.02728836	7.161945863
ENSMUSG00000099904	4.952162959	6.260555194	1.412302096	1.610915344	5.013362104
ENSMUSG00000099905	9.196874066	4.869320706	11.29841676	9.665492065	10.7429188
ENSMUSG00000099906	0	0	0	0	0
ENSMUSG00000099907	7.781970364	4.869320706	4.236906287	7.249119049	7.161945863
ENSMUSG00000099909	7.781970364	9.738641413	4.236906287	3.221830688	2.864778345
ENSMUSG00000099910	6.367066661	6.260555194	2.824604191	1.610915344	3.580972932
ENSMUSG00000099911	2.829807405	2.782468975	0.706151048	1.610915344	2.148583759
ENSMUSG00000099912	4.952162959	3.478086219	9.179963621	4.832746033	2.864778345
ENSMUSG00000099914	5.65961481	4.173703463	4.943057334	2.416373016	5.013362104
ENSMUSG00000099915	12.73413332	2.782468975	4.236906287	2.416373016	2.148583759
ENSMUSG00000099916	10.61177777	6.260555194	4.236906287	2.416373016	4.297167518
ENSMUSG00000099917	8.489422215	4.869320706	7.061510478	7.249119049	10.02672421
ENSMUSG00000099918	9.904325918	6.956172438	9.886114669	7.249119049	4.297167518
ENSMUSG00000099920	4.952162959	7.651789682	9.886114669	4.02728836	5.729556691
ENSMUSG00000099921	7.074518513	4.869320706	4.236906287	3.221830688	4.297167518
ENSMUSG00000099922	7.074518513	3.478086219	9.179963621	10.47094974	5.013362104
ENSMUSG00000099923	19.10119998	23.65098629	28.95219296	29.80193387	27.21539428
ENSMUSG00000099924	8.489422215	9.043024169	8.473812573	6.443661377	6.445751277
ENSMUSG00000099926	5.65961481	7.651789682	9.886114669	7.249119049	2.148583759
ENSMUSG00000099927	15.56394073	10.43425866	8.473812573	20.1364418	4.297167518
ENSMUSG00000099928	4.244711108	5.56493795	8.473812573	2.416373016	6.445751277
ENSMUSG00000099929	6.367066661	4.869320706	2.824604191	3.221830688	2.864778345
ENSMUSG00000099930	9.196874066	6.260555194	7.061510478	8.054576721	8.594335036
ENSMUSG00000099931	19.10119998	16.69481385	14.12302096	26.58010318	21.48583759
ENSMUSG00000099932	7.781970364	9.043024169	5.649208382	5.638203705	11.45911338
ENSMUSG00000099933	9.904325918	3.478086219	5.649208382	4.02728836	3.580972932
ENSMUSG00000099934	7.781970364	8.347406925	7.061510478	5.638203705	4.297167518
ENSMUSG00000099935	7.781970364	2.782468975	6.35535943	1.610915344	3.580972932
ENSMUSG00000099936	8.489422215	6.956172438	8.473812573	5.638203705	6.445751277



ENSMUSG0000099937	8.489422215	11.82549314	16.2414741	9.665492065	11.45911338
ENSMUSG0000099938	4.952162959	7.651789682	5.649208382	8.860034393	6.445751277
ENSMUSG0000099939	4.244711108	3.478086219	4.943057334	3.221830688	2.864778345
ENSMUSG0000099940	4.244711108	4.869320706	6.35535943	4.832746033	2.864778345
ENSMUSG0000099941	7.074518513	7.651789682	9.886114669	8.054576721	5.013362104
ENSMUSG0000099942	5.65961481	2.782468975	2.824604191	3.221830688	6.445751277
ENSMUSG0000099943	9.196874066	9.043024169	4.236906287	2.416373016	6.445751277
ENSMUSG0000099944	4.244711108	9.738641413	8.473812573	1.610915344	4.297167518
ENSMUSG0000099945	12.02668147	4.869320706	7.061510478	3.221830688	6.445751277
ENSMUSG0000099946	13.44158517	8.347406925	4.236906287	7.249119049	6.445751277
ENSMUSG0000099947	7.781970364	6.260555194	6.35535943	6.443661377	7.161945863
ENSMUSG0000099948	7.781970364	4.173703463	5.649208382	1.610915344	4.297167518
ENSMUSG0000099949	9.904325918	10.43425866	7.061510478	8.860034393	4.297167518
ENSMUSG0000099950	4.952162959	5.56493795	8.473812573	4.02728836	6.445751277
ENSMUSG0000099951	5.65961481	5.56493795	9.886114669	4.832746033	12.17530797
ENSMUSG0000099952	7.781970364	8.347406925	7.767661525	7.249119049	6.445751277
ENSMUSG0000099953	4.952162959	0.695617244	4.943057334	4.02728836	5.729556691
ENSMUSG0000099954	9.196874066	6.956172438	7.767661525	5.638203705	6.445751277
ENSMUSG0000099955	2.829807405	3.478086219	3.530755239	3.221830688	4.297167518
ENSMUSG0000099956	3.537259256	2.782468975	5.649208382	2.416373016	5.729556691
ENSMUSG0000099957	7.074518513	5.56493795	7.061510478	8.860034393	5.013362104
ENSMUSG0000099958	18.39374813	22.2597518	25.42143772	16.10915344	20.05344842
ENSMUSG0000099959	24.76081479	31.30277597	40.25060972	38.66196826	47.2688427
ENSMUSG0000099960	9.196874066	6.260555194	11.29841676	3.221830688	4.297167518
ENSMUSG0000099961	8.489422215	11.82549314	6.35535943	9.665492065	4.297167518
ENSMUSG0000099962	4.952162959	6.956172438	2.118453143	4.02728836	5.013362104
ENSMUSG0000099963	7.074518513	6.260555194	3.530755239	4.02728836	3.580972932
ENSMUSG0000099964	8.489422215	6.260555194	7.061510478	3.221830688	3.580972932
ENSMUSG0000099965	4.244711108	7.651789682	5.649208382	3.221830688	2.148583759
ENSMUSG0000099966	13.44158517	16.69481385	19.77222934	46.71654498	38.67450766
ENSMUSG0000099967	4.244711108	4.173703463	4.236906287	1.610915344	5.729556691
ENSMUSG0000099968	9.196874066	4.173703463	8.473812573	5.638203705	7.87814045
ENSMUSG0000099969	12.02668147	9.043024169	6.35535943	11.27640741	12.89150255
ENSMUSG0000099970	2.122355554	6.956172438	2.118453143	3.221830688	4.297167518
ENSMUSG0000099971	27.5906222	36.86771392	40.25060972	23.35827249	19.33725383
ENSMUSG0000099972	9.196874066	6.956172438	6.35535943	3.221830688	4.297167518
ENSMUSG0000099973	2.122355554	6.260555194	5.649208382	4.832746033	2.864778345
ENSMUSG0000099975	3.537259256	4.173703463	7.767661525	2.416373016	3.580972932
ENSMUSG0000099976	4.244711108	5.56493795	5.649208382	6.443661377	5.013362104
ENSMUSG0000099977	5.65961481	1.391234488	7.061510478	5.638203705	4.297167518
ENSMUSG0000099978	7.781970364	4.869320706	2.118453143	1.610915344	4.297167518
ENSMUSG0000099979	9.904325918	9.043024169	16.2414741	9.665492065	12.17530797
ENSMUSG0000099980	8.489422215	6.956172438	6.35535943	8.860034393	10.02672421

ENSMUSG0000099981	7.781970364	7.651789682	10.59226572	5.638203705	14.32389173
ENSMUSG0000099982	6.367066661	3.478086219	2.824604191	1.610915344	2.864778345
ENSMUSG0000099983	6.367066661	6.260555194	3.530755239	8.860034393	11.45911338
ENSMUSG0000099984	7.074518513	2.086851731	9.179963621	3.221830688	8.594335036
ENSMUSG0000099985	4.244711108	7.651789682	4.943057334	4.832746033	1.432389173
ENSMUSG0000099986	4.244711108	2.782468975	6.35535943	3.221830688	2.864778345
ENSMUSG0000099987	0	0	0	0	0
ENSMUSG0000099988	9.904325918	6.956172438	13.41686991	4.832746033	6.445751277
ENSMUSG0000099989	11.31922962	9.043024169	8.473812573	3.221830688	7.161945863
ENSMUSG0000099990	5.65961481	4.869320706	7.061510478	4.02728836	2.864778345
ENSMUSG0000099991	2.829807405	8.347406925	0.706151048	8.860034393	3.580972932
ENSMUSG0000099992	5.65961481	8.347406925	5.649208382	4.02728836	3.580972932
ENSMUSG0000099993	5.65961481	6.260555194	7.767661525	2.416373016	3.580972932
ENSMUSG0000099994	19.80865184	6.260555194	12.00456781	8.054576721	8.594335036
ENSMUSG0000099995	9.904325918	6.956172438	11.29841676	3.221830688	2.864778345
ENSMUSG0000099996	7.074518513	6.956172438	9.886114669	4.832746033	11.45911338
ENSMUSG0000099997	16.27139258	9.738641413	7.061510478	11.27640741	11.45911338
ENSMUSG0000099998	10.61177777	12.52111039	18.35992724	37.05105292	30.79636721
ENSMUSG0000099999	5.65961481	9.043024169	9.179963621	1.610915344	5.729556691
ENSMUSG0000010000	8.489422215	9.738641413	7.061510478	2.416373016	3.580972932
ENSMUSG0000010001	8.489422215	7.651789682	8.473812573	2.416373016	6.445751277
ENSMUSG0000010002	32.54278516	50.08444155	38.83830763	65.24207144	48.70123187
ENSMUSG0000010003	4.244711108	2.086851731	4.236906287	3.221830688	7.161945863
ENSMUSG0000010004	13.44158517	4.173703463	4.236906287	6.443661377	5.729556691
ENSMUSG0000010005	9.196874066	8.347406925	12.00456781	6.443661377	4.297167518
ENSMUSG0000010006	0	0	0	0	0
ENSMUSG0000010007	19.10119998	10.43425866	7.061510478	12.08186508	7.161945863
ENSMUSG0000010008	2.122355554	5.56493795	4.943057334	0	3.580972932
ENSMUSG0000010009	4.952162959	8.347406925	12.00456781	12.88732275	6.445751277
ENSMUSG0000010011	4.952162959	2.782468975	2.118453143	1.610915344	1.432389173
ENSMUSG0000010012	7.781970364	7.651789682	2.824604191	4.832746033	4.297167518
ENSMUSG0000010013	12.02668147	4.173703463	6.35535943	10.47094974	1.432389173
ENSMUSG0000010014	9.904325918	6.260555194	3.530755239	7.249119049	7.87814045
ENSMUSG0000010015	4.244711108	5.56493795	7.767661525	2.416373016	5.013362104
ENSMUSG0000010016	7.074518513	11.1298759	6.35535943	5.638203705	4.297167518
ENSMUSG0000010017	39.61730367	63.30116918	58.61053696	53.96566403	61.59273443
ENSMUSG0000010018	6.367066661	6.956172438	7.061510478	8.054576721	7.87814045
ENSMUSG0000010019	9.904325918	9.043024169	9.886114669	8.860034393	8.594335036
ENSMUSG0000010020	12.73413332	4.869320706	7.767661525	4.02728836	5.729556691
ENSMUSG0000010021	6.367066661	8.347406925	4.943057334	7.249119049	11.45911338
ENSMUSG0000010022	12.02668147	10.43425866	6.35535943	11.27640741	6.445751277
ENSMUSG0000010023	7.074518513	6.956172438	3.530755239	4.02728836	5.729556691
ENSMUSG0000010024	9.196874066	6.260555194	4.236906287	2.416373016	4.297167518

ENSMUSG00000100025	7.781970364	8.347406925	8.473812573	6.443661377	5.013362104
ENSMUSG00000100026	9.196874066	5.56493795	7.061510478	4.832746033	5.729556691
ENSMUSG00000100027	12.02668147	4.173703463	5.649208382	7.249119049	6.445751277
ENSMUSG00000100028	4.244711108	1.391234488	5.649208382	1.610915344	2.148583759
ENSMUSG00000100029	21.22355554	30.60715873	36.71985448	19.33098413	15.04008631
ENSMUSG00000100030	9.196874066	3.478086219	7.767661525	5.638203705	7.161945863
ENSMUSG00000100031	14.85648888	6.956172438	8.473812573	4.832746033	7.87814045
ENSMUSG00000100033	10.61177777	9.043024169	6.35535943	9.665492065	5.729556691
ENSMUSG00000100034	8.489422215	4.869320706	4.236906287	8.860034393	3.580972932
ENSMUSG00000100035	7.074518513	4.869320706	4.236906287	4.832746033	2.864778345
ENSMUSG00000100036	4.244711108	3.478086219	5.649208382	2.416373016	6.445751277
ENSMUSG00000100037	0.707451851	0	0	0	0
ENSMUSG00000100038	3.537259256	6.260555194	2.824604191	0.805457672	2.864778345
ENSMUSG00000100039	8.489422215	14.60796212	13.41686991	8.054576721	11.45911338
ENSMUSG00000100040	10.61177777	3.478086219	10.59226572	5.638203705	5.013362104
ENSMUSG00000100041	7.074518513	8.347406925	9.179963621	4.832746033	5.013362104
ENSMUSG00000100042	12.02668147	6.260555194	7.767661525	4.02728836	8.594335036
ENSMUSG00000100043	4.952162959	2.086851731	6.35535943	2.416373016	2.148583759
ENSMUSG00000100044	14.85648888	5.56493795	7.767661525	8.054576721	6.445751277
ENSMUSG00000100046	6.367066661	8.347406925	7.061510478	0.805457672	8.594335036
ENSMUSG00000100047	5.65961481	6.260555194	2.118453143	6.443661377	4.297167518
ENSMUSG00000100048	7.781970364	4.869320706	5.649208382	4.832746033	7.87814045
ENSMUSG00000100049	4.952162959	6.260555194	7.061510478	2.416373016	3.580972932
ENSMUSG00000100050	4.952162959	5.56493795	2.118453143	1.610915344	3.580972932
ENSMUSG00000100051	4.952162959	2.086851731	2.118453143	0.805457672	2.148583759
ENSMUSG00000100052	6.367066661	6.956172438	3.530755239	4.02728836	5.729556691
ENSMUSG00000100053	8.489422215	4.869320706	6.35535943	5.638203705	4.297167518
ENSMUSG00000100054	2.829807405	9.738641413	4.943057334	3.221830688	0.716194586
ENSMUSG00000100056	2.122355554	2.782468975	4.943057334	1.610915344	2.864778345
ENSMUSG00000100057	3.537259256	3.478086219	4.943057334	2.416373016	5.729556691
ENSMUSG00000100059	12.02668147	4.869320706	5.649208382	2.416373016	8.594335036
ENSMUSG00000100060	9.196874066	3.478086219	5.649208382	4.02728836	2.864778345
ENSMUSG00000100061	9.904325918	4.869320706	10.59226572	4.832746033	2.148583759
ENSMUSG00000100062	11.31922962	6.956172438	6.35535943	4.832746033	2.864778345
ENSMUSG00000100063	6.367066661	1.391234488	3.530755239	3.221830688	1.432389173
ENSMUSG00000100064	3.537259256	4.869320706	4.236906287	2.416373016	6.445751277
ENSMUSG00000100065	8.489422215	4.869320706	8.473812573	5.638203705	3.580972932
ENSMUSG00000100066	6.367066661	2.086851731	4.943057334	2.416373016	6.445751277
ENSMUSG00000100067	3.537259256	3.478086219	5.649208382	5.638203705	2.864778345
ENSMUSG00000100068	12.02668147	2.782468975	7.767661525	8.054576721	8.594335036
ENSMUSG00000100069	7.074518513	4.869320706	4.236906287	2.416373016	5.729556691
ENSMUSG00000100070	7.074518513	3.478086219	6.35535943	3.221830688	2.864778345
ENSMUSG00000100071	6.367066661	3.478086219	3.530755239	2.416373016	7.161945863

ENSMUSG00000100072	8.489422215	2.782468975	2.824604191	0.805457672	2.148583759
ENSMUSG00000100073	4.244711108	6.260555194	5.649208382	0.805457672	4.297167518
ENSMUSG00000100074	3.537259256	2.782468975	1.412302096	0	3.580972932
ENSMUSG00000100075	43.15456293	58.43184848	60.02283906	45.91108731	37.95831308
ENSMUSG00000100076	7.074518513	4.869320706	5.649208382	3.221830688	4.297167518
ENSMUSG00000100077	7.074518513	6.260555194	9.886114669	2.416373016	5.729556691
ENSMUSG00000100078	4.952162959	11.1298759	7.767661525	13.69278043	14.32389173
ENSMUSG00000100080	2.122355554	5.56493795	4.236906287	0.805457672	1.432389173
ENSMUSG00000100081	8.489422215	5.56493795	7.767661525	10.47094974	11.45911338
ENSMUSG00000100082	0.707451851	0	0	0	0.716194586
ENSMUSG00000100083	2.122355554	4.173703463	4.236906287	1.610915344	2.148583759
ENSMUSG00000100084	95.50599992	119.6461659	127.8133396	211.0299101	175.4676737
ENSMUSG00000100085	3.537259256	5.56493795	3.530755239	0.805457672	5.729556691
ENSMUSG00000100086	2.829807405	6.956172438	4.236906287	6.443661377	5.013362104
ENSMUSG00000100087	3.537259256	7.651789682	1.412302096	0.805457672	5.729556691
ENSMUSG00000100088	10.61177777	9.043024169	7.767661525	2.416373016	6.445751277
ENSMUSG00000100089	7.781970364	4.173703463	4.943057334	1.610915344	3.580972932
ENSMUSG00000100090	10.61177777	7.651789682	7.767661525	5.638203705	7.161945863
ENSMUSG00000100091	4.244711108	4.173703463	3.530755239	3.221830688	2.864778345
ENSMUSG00000100092	2.829807405	6.260555194	5.649208382	4.02728836	5.729556691
ENSMUSG00000100093	7.781970364	9.043024169	7.061510478	12.08186508	6.445751277
ENSMUSG00000100094	10.61177777	9.043024169	3.530755239	4.832746033	5.729556691
ENSMUSG00000100095	4.952162959	3.478086219	4.943057334	6.443661377	4.297167518
ENSMUSG00000100096	7.781970364	3.478086219	6.35535943	3.221830688	8.594335036
ENSMUSG00000100097	4.952162959	5.56493795	4.943057334	2.416373016	4.297167518
ENSMUSG00000100098	5.65961481	3.478086219	5.649208382	0.805457672	5.729556691
ENSMUSG00000100099	3.537259256	6.260555194	4.236906287	1.610915344	2.148583759
ENSMUSG00000100100	7.074518513	6.956172438	10.59226572	4.832746033	7.161945863
ENSMUSG00000100101	7.781970364	8.347406925	9.179963621	5.638203705	4.297167518
ENSMUSG00000100103	3.537259256	6.260555194	3.530755239	0.805457672	4.297167518
ENSMUSG00000100104	0	0	0	0	0
ENSMUSG00000100105	5.65961481	7.651789682	4.943057334	4.02728836	3.580972932
ENSMUSG00000100106	9.904325918	6.260555194	4.943057334	8.860034393	6.445751277
ENSMUSG00000100107	4.244711108	4.173703463	1.412302096	3.221830688	4.297167518
ENSMUSG00000100108	9.904325918	8.347406925	9.179963621	11.27640741	8.594335036
ENSMUSG00000100109	10.61177777	6.260555194	9.179963621	2.416373016	4.297167518
ENSMUSG00000100110	9.904325918	11.82549314	6.35535943	7.249119049	2.864778345
ENSMUSG00000100111	3.537259256	6.956172438	7.061510478	4.832746033	9.310529622
ENSMUSG00000100112	17.68629628	13.21672763	11.29841676	8.860034393	8.594335036
ENSMUSG00000100113	6.367066661	23.65098629	16.2414741	20.1364418	22.20203218
ENSMUSG00000100114	0	0	0	0	0
ENSMUSG00000100115	4.952162959	3.478086219	5.649208382	2.416373016	4.297167518
ENSMUSG00000100116	9.904325918	5.56493795	3.530755239	1.610915344	5.013362104

ENSMUSG00000100117	2.829807405	3.478086219	4.943057334	3.221830688	1.432389173
ENSMUSG00000100118	3.537259256	2.782468975	5.649208382	4.832746033	2.864778345
ENSMUSG00000100119	4.952162959	4.869320706	4.236906287	5.638203705	7.161945863
ENSMUSG00000100120	1.414903703	0	0	1.610915344	0.716194586
ENSMUSG00000100121	12.02668147	9.043024169	9.179963621	5.638203705	3.580972932
ENSMUSG00000100122	7.781970364	9.738641413	7.767661525	1.610915344	5.729556691
ENSMUSG00000100123	7.074518513	4.869320706	5.649208382	5.638203705	7.87814045
ENSMUSG00000100124	5.65961481	2.782468975	6.35535943	4.02728836	2.864778345
ENSMUSG00000100125	4.952162959	4.173703463	2.824604191	2.416373016	5.013362104
ENSMUSG00000100126	2.122355554	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000100127	9.904325918	8.347406925	10.59226572	3.221830688	7.87814045
ENSMUSG00000100128	0	0	0	0	0
ENSMUSG00000100129	9.904325918	7.651789682	9.179963621	5.638203705	12.17530797
ENSMUSG00000100130	7.781970364	13.21672763	14.829172	14.4982381	10.7429188
ENSMUSG00000100131	0	0	0	0	0
ENSMUSG00000100132	7.781970364	4.869320706	0.706151048	4.832746033	0.716194586
ENSMUSG00000100134	5.65961481	9.043024169	9.886114669	5.638203705	3.580972932
ENSMUSG00000100135	9.904325918	9.043024169	6.35535943	7.249119049	12.17530797
ENSMUSG00000100136	9.196874066	4.869320706	4.943057334	5.638203705	5.013362104
ENSMUSG00000100137	3.537259256	4.869320706	7.767661525	4.832746033	4.297167518
ENSMUSG00000100138	12.73413332	6.260555194	4.943057334	6.443661377	2.148583759
ENSMUSG00000100139	0	0	0	0	0
ENSMUSG00000100140	5.65961481	7.651789682	4.236906287	4.832746033	5.013362104
ENSMUSG00000100141	7.781970364	6.956172438	3.530755239	3.221830688	4.297167518
ENSMUSG00000100142	6.367066661	11.1298759	7.767661525	4.02728836	6.445751277
ENSMUSG00000100143	7.074518513	4.173703463	11.29841676	5.638203705	3.580972932
ENSMUSG00000100144	7.781970364	4.869320706	6.35535943	4.832746033	4.297167518
ENSMUSG00000100145	4.244711108	4.869320706	7.061510478	3.221830688	5.013362104
ENSMUSG00000100146	5.65961481	6.956172438	7.061510478	6.443661377	7.87814045
ENSMUSG00000100147	9.904325918	9.043024169	7.061510478	7.249119049	4.297167518
ENSMUSG00000100148	11.31922962	4.869320706	7.767661525	3.221830688	5.729556691
ENSMUSG00000100149	3.537259256	4.173703463	4.236906287	3.221830688	3.580972932
ENSMUSG00000100150	15.56394073	27.12907251	17.65377619	15.30369577	17.18867007
ENSMUSG00000100151	8.489422215	5.56493795	4.236906287	10.47094974	6.445751277
ENSMUSG00000100152	9.196874066	6.260555194	4.943057334	6.443661377	5.729556691
ENSMUSG00000100153	0.707451851	0.695617244	0.706151048	0.805457672	0.716194586
ENSMUSG00000100154	19.10119998	5.56493795	5.649208382	7.249119049	5.729556691
ENSMUSG00000100155	6.367066661	6.956172438	7.767661525	6.443661377	3.580972932
ENSMUSG00000100156	9.196874066	10.43425866	5.649208382	10.47094974	6.445751277
ENSMUSG00000100157	6.367066661	3.478086219	4.236906287	8.860034393	3.580972932
ENSMUSG00000100158	0	0	0	0	0
ENSMUSG00000100159	4.244711108	5.56493795	7.061510478	3.221830688	3.580972932
ENSMUSG00000100160	7.781970364	10.43425866	5.649208382	6.443661377	7.161945863

ENSMUSG00000100161	2.829807405	5.56493795	6.35535943	0.805457672	2.148583759
ENSMUSG00000100162	0	0	0	0	0
ENSMUSG00000100164	37.49494812	61.21431745	55.07978173	47.52200265	56.57937232
ENSMUSG00000100165	8.489422215	2.782468975	4.943057334	4.02728836	4.297167518
ENSMUSG00000100166	7.781970364	9.738641413	9.179963621	2.416373016	7.87814045
ENSMUSG00000100167	4.952162959	6.260555194	11.29841676	5.638203705	3.580972932
ENSMUSG00000100168	4.952162959	8.347406925	10.59226572	7.249119049	6.445751277
ENSMUSG00000100169	13.44158517	7.651789682	12.71071886	11.27640741	7.87814045
ENSMUSG00000100170	14.85648888	6.260555194	7.061510478	4.02728836	9.310529622
ENSMUSG00000100171	4.244711108	2.782468975	7.767661525	6.443661377	2.864778345
ENSMUSG00000100172	9.904325918	8.347406925	6.35535943	6.443661377	10.7429188
ENSMUSG00000100173	0	0.695617244	0	0	0
ENSMUSG00000100174	5.65961481	7.651789682	10.59226572	9.665492065	10.02672421
ENSMUSG00000100175	10.61177777	9.043024169	7.767661525	5.638203705	7.161945863
ENSMUSG00000100176	171.203348	226.0756042	175.8316109	149.815127	136.0769714
ENSMUSG00000100177	8.489422215	4.869320706	6.35535943	4.02728836	4.297167518
ENSMUSG00000100178	9.904325918	10.43425866	6.35535943	5.638203705	3.580972932
ENSMUSG00000100179	7.781970364	5.56493795	7.767661525	1.610915344	2.864778345
ENSMUSG00000100180	5.65961481	7.651789682	10.59226572	4.02728836	5.013362104
ENSMUSG00000100181	8.489422215	6.956172438	4.943057334	6.443661377	7.161945863
ENSMUSG00000100182	6.367066661	3.478086219	9.886114669	8.860034393	9.310529622
ENSMUSG00000100183	7.074518513	7.651789682	9.886114669	4.02728836	2.148583759
ENSMUSG00000100184	4.952162959	4.173703463	5.649208382	4.02728836	1.432389173
ENSMUSG00000100185	12.02668147	6.260555194	8.473812573	9.665492065	5.013362104
ENSMUSG00000100186	7.074518513	4.173703463	8.473812573	4.832746033	6.445751277
ENSMUSG00000100187	6.367066661	4.869320706	4.236906287	2.416373016	7.161945863
ENSMUSG00000100188	10.61177777	12.52111039	11.29841676	4.832746033	10.7429188
ENSMUSG00000100189	7.781970364	4.869320706	3.530755239	7.249119049	3.580972932
ENSMUSG00000100190	6.367066661	8.347406925	11.29841676	2.416373016	7.161945863
ENSMUSG00000100191	12.73413332	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000100192	4.952162959	4.869320706	8.473812573	4.832746033	7.87814045
ENSMUSG00000100193	9.904325918	5.56493795	7.767661525	5.638203705	3.580972932
ENSMUSG00000100195	9.196874066	10.43425866	3.530755239	1.610915344	5.013362104
ENSMUSG00000100196	2.829807405	3.478086219	2.118453143	6.443661377	2.864778345
ENSMUSG00000100197	4.952162959	6.260555194	11.29841676	3.221830688	4.297167518
ENSMUSG00000100198	9.196874066	8.347406925	4.236906287	4.832746033	10.02672421
ENSMUSG00000100199	123.804074	161.3832006	118.633376	220.6954022	166.8733386
ENSMUSG00000100201	29.0055259	30.60715873	31.0706461	37.85651059	20.05344842
ENSMUSG00000100202	12.73413332	4.173703463	7.767661525	7.249119049	6.445751277
ENSMUSG00000100203	5.65961481	4.173703463	5.649208382	1.610915344	4.297167518
ENSMUSG00000100204	8.489422215	6.956172438	7.061510478	5.638203705	10.7429188
ENSMUSG00000100205	9.904325918	7.651789682	8.473812573	4.02728836	7.87814045
ENSMUSG00000100206	4.244711108	8.347406925	4.236906287	3.221830688	2.148583759

ENSMUSG00000100207	8.489422215	11.82549314	9.179963621	1.610915344	7.161945863
ENSMUSG00000100208	6.367066661	6.260555194	7.061510478	4.02728836	5.729556691
ENSMUSG00000100209	7.781970364	3.478086219	4.236906287	8.054576721	5.729556691
ENSMUSG00000100211	10.61177777	7.651789682	12.00456781	7.249119049	13.60769714
ENSMUSG00000100212	5.65961481	4.869320706	12.71071886	6.443661377	8.594335036
ENSMUSG00000100213	21.93100739	41.04141738	30.36449505	40.2728836	35.80972932
ENSMUSG00000100214	10.61177777	9.043024169	12.71071886	5.638203705	5.729556691
ENSMUSG00000100215	0.707451851	0.695617244	0	0	0
ENSMUSG00000100216	7.074518513	4.869320706	7.767661525	8.054576721	2.864778345
ENSMUSG00000100217	9.904325918	9.738641413	7.061510478	12.08186508	10.02672421
ENSMUSG00000100218	9.196874066	11.1298759	9.179963621	8.054576721	6.445751277
ENSMUSG00000100219	9.904325918	4.869320706	4.943057334	5.638203705	9.310529622
ENSMUSG00000100220	9.196874066	5.56493795	7.767661525	8.054576721	9.310529622
ENSMUSG00000100221	7.781970364	7.651789682	5.649208382	4.02728836	2.148583759
ENSMUSG00000100222	5.65961481	6.956172438	8.473812573	4.832746033	10.02672421
ENSMUSG00000100223	9.196874066	3.478086219	7.767661525	4.02728836	5.729556691
ENSMUSG00000100224	7.074518513	9.738641413	6.35535943	2.416373016	4.297167518
ENSMUSG00000100225	9.196874066	11.82549314	5.649208382	8.054576721	12.17530797
ENSMUSG00000100226	7.074518513	6.956172438	9.886114669	0	3.580972932
ENSMUSG00000100227	5.65961481	4.869320706	7.061510478	4.02728836	3.580972932
ENSMUSG00000100228	137.2456591	187.8166558	140.5240585	228.7499789	176.9000628
ENSMUSG00000100229	6.367066661	6.956172438	7.061510478	4.832746033	3.580972932
ENSMUSG00000100230	9.904325918	6.956172438	7.061510478	5.638203705	7.161945863
ENSMUSG00000100232	6.367066661	4.173703463	7.061510478	0.805457672	1.432389173
ENSMUSG00000100233	3.537259256	3.478086219	2.118453143	2.416373016	2.864778345
ENSMUSG00000100234	2.829807405	0.695617244	6.35535943	1.610915344	5.013362104
ENSMUSG00000100236	4.244711108	12.52111039	7.061510478	9.665492065	7.161945863
ENSMUSG00000100237	9.196874066	6.956172438	7.767661525	6.443661377	7.87814045
ENSMUSG00000100238	4.952162959	3.478086219	7.767661525	3.221830688	2.864778345
ENSMUSG00000100239	4.244711108	4.173703463	6.35535943	2.416373016	4.297167518
ENSMUSG00000100242	5.65961481	3.478086219	5.649208382	4.832746033	6.445751277
ENSMUSG00000100243	8.489422215	6.260555194	4.943057334	2.416373016	4.297167518
ENSMUSG00000100244	8.489422215	3.478086219	9.179963621	2.416373016	2.864778345
ENSMUSG00000100245	5.65961481	9.043024169	7.767661525	8.054576721	3.580972932
ENSMUSG00000100246	4.952162959	2.086851731	3.530755239	2.416373016	3.580972932
ENSMUSG00000100247	9.904325918	8.347406925	4.236906287	6.443661377	4.297167518
ENSMUSG00000100248	5.65961481	2.782468975	5.649208382	1.610915344	2.864778345
ENSMUSG00000100250	9.196874066	5.56493795	4.236906287	4.02728836	7.161945863
ENSMUSG00000100251	6.367066661	2.782468975	6.35535943	2.416373016	4.297167518
ENSMUSG00000100252	8.489422215	5.56493795	5.649208382	4.02728836	5.729556691
ENSMUSG00000100253	11.31922962	4.869320706	16.2414741	4.02728836	10.7429188
ENSMUSG00000100255	6.367066661	9.043024169	7.767661525	7.249119049	7.161945863
ENSMUSG00000100256	6.367066661	3.478086219	3.530755239	3.221830688	5.729556691

ENSMUSG00000100257	10.61177777	13.21672763	5.649208382	8.860034393	6.445751277
ENSMUSG00000100258	8.489422215	6.956172438	2.824604191	4.02728836	2.864778345
ENSMUSG00000100259	10.61177777	4.173703463	8.473812573	15.30369577	8.594335036
ENSMUSG00000100260	7.074518513	3.478086219	3.530755239	7.249119049	7.87814045
ENSMUSG00000100261	6.367066661	5.56493795	10.59226572	5.638203705	7.87814045
ENSMUSG00000100262	5.65961481	4.869320706	5.649208382	4.832746033	5.013362104
ENSMUSG00000100263	8.489422215	6.260555194	6.35535943	4.02728836	4.297167518
ENSMUSG00000100264	2.829807405	3.478086219	7.767661525	2.416373016	4.297167518
ENSMUSG00000100266	8.489422215	4.173703463	7.767661525	8.054576721	5.729556691
ENSMUSG00000100267	7.781970364	6.956172438	6.35535943	8.054576721	8.594335036
ENSMUSG00000100268	5.65961481	4.869320706	6.35535943	1.610915344	4.297167518
ENSMUSG00000100269	4.244711108	5.56493795	7.061510478	8.054576721	6.445751277
ENSMUSG00000100270	5.65961481	2.086851731	5.649208382	4.02728836	5.013362104
ENSMUSG00000100271	2.122355554	4.173703463	5.649208382	3.221830688	2.148583759
ENSMUSG00000100272	8.489422215	6.260555194	7.061510478	5.638203705	4.297167518
ENSMUSG00000100273	7.074518513	7.651789682	2.824604191	4.02728836	2.864778345
ENSMUSG00000100274	9.196874066	4.173703463	10.59226572	4.832746033	4.297167518
ENSMUSG00000100275	3.537259256	2.782468975	6.35535943	3.221830688	4.297167518
ENSMUSG00000100276	5.65961481	7.651789682	7.767661525	4.832746033	2.864778345
ENSMUSG00000100277	12.73413332	6.260555194	7.767661525	7.249119049	7.161945863
ENSMUSG00000100278	8.489422215	4.869320706	6.35535943	2.416373016	4.297167518
ENSMUSG00000100279	7.781970364	4.173703463	4.236906287	2.416373016	3.580972932
ENSMUSG00000100280	55.1812444	78.60474855	63.5535943	81.35122488	86.65954495
ENSMUSG00000100281	11.31922962	6.956172438	7.061510478	6.443661377	6.445751277
ENSMUSG00000100282	4.952162959	9.043024169	7.767661525	6.443661377	10.7429188
ENSMUSG00000100283	6.367066661	6.260555194	4.943057334	3.221830688	5.013362104
ENSMUSG00000100284	8.489422215	8.347406925	4.943057334	4.832746033	5.729556691
ENSMUSG00000100285	7.781970364	8.347406925	10.59226572	2.416373016	7.161945863
ENSMUSG00000100286	4.952162959	6.956172438	5.649208382	4.02728836	2.864778345
ENSMUSG00000100287	8.489422215	7.651789682	14.12302096	8.054576721	6.445751277
ENSMUSG00000100288	4.244711108	5.56493795	3.530755239	4.02728836	5.013362104
ENSMUSG00000100289	7.781970364	2.782468975	4.236906287	4.832746033	4.297167518
ENSMUSG00000100290	9.904325918	3.478086219	11.29841676	4.02728836	6.445751277
ENSMUSG00000100291	6.367066661	2.782468975	7.061510478	4.832746033	5.729556691
ENSMUSG00000100292	4.244711108	2.782468975	4.236906287	2.416373016	3.580972932
ENSMUSG00000100293	0	0	0	0	0
ENSMUSG00000100294	9.196874066	9.738641413	8.473812573	8.860034393	4.297167518
ENSMUSG00000100295	9.196874066	5.56493795	4.943057334	3.221830688	2.148583759
ENSMUSG00000100296	14.14903703	10.43425866	3.530755239	6.443661377	5.729556691
ENSMUSG00000100297	8.489422215	5.56493795	9.179963621	7.249119049	4.297167518
ENSMUSG00000100298	7.781970364	5.56493795	7.767661525	3.221830688	3.580972932
ENSMUSG00000100299	9.196874066	7.651789682	2.118453143	0.805457672	3.580972932
ENSMUSG00000100300	6.367066661	5.56493795	4.236906287	2.416373016	0.716194586



ENSMUSG00000100301	6.367066661	4.173703463	8.473812573	3.221830688	2.864778345
ENSMUSG00000100302	12.02668147	13.21672763	13.41686991	8.054576721	13.60769714
ENSMUSG00000100303	9.904325918	4.173703463	7.061510478	5.638203705	7.87814045
ENSMUSG00000100304	9.904325918	5.56493795	10.59226572	4.832746033	4.297167518
ENSMUSG00000100306	0	0	0	0	0
ENSMUSG00000100307	5.65961481	9.738641413	7.061510478	2.416373016	4.297167518
ENSMUSG00000100308	5.65961481	4.869320706	7.767661525	2.416373016	3.580972932
ENSMUSG00000100309	0	0	0	0	0
ENSMUSG00000100310	7.074518513	2.086851731	4.236906287	4.832746033	4.297167518
ENSMUSG00000100311	10.61177777	2.086851731	2.824604191	0.805457672	5.013362104
ENSMUSG00000100312	3.537259256	3.478086219	6.35535943	4.832746033	5.729556691
ENSMUSG00000100313	12.02668147	7.651789682	8.473812573	4.02728836	3.580972932
ENSMUSG00000100314	7.074518513	8.347406925	4.236906287	8.860034393	7.87814045
ENSMUSG00000100315	2.122355554	4.869320706	4.236906287	3.221830688	2.864778345
ENSMUSG00000100316	10.61177777	4.173703463	6.35535943	6.443661377	4.297167518
ENSMUSG00000100317	7.781970364	5.56493795	4.236906287	4.02728836	6.445751277
ENSMUSG00000100318	10.61177777	6.260555194	11.29841676	4.832746033	5.729556691
ENSMUSG00000100319	4.244711108	8.347406925	11.29841676	4.832746033	9.310529622
ENSMUSG00000100320	128.0487851	166.9481385	159.5901368	83.7675979	67.32229112
ENSMUSG00000100321	4.244711108	6.956172438	9.179963621	4.832746033	5.729556691
ENSMUSG00000100322	3.537259256	2.782468975	5.649208382	1.610915344	5.729556691
ENSMUSG00000100323	9.196874066	9.738641413	5.649208382	9.665492065	9.310529622
ENSMUSG00000100324	8.489422215	4.869320706	10.59226572	4.02728836	8.594335036
ENSMUSG00000100325	7.074518513	4.869320706	4.943057334	3.221830688	2.864778345
ENSMUSG00000100326	2.829807405	3.478086219	1.412302096	3.221830688	0.716194586
ENSMUSG00000100328	4.244711108	5.56493795	4.943057334	1.610915344	3.580972932
ENSMUSG00000100329	4.244711108	6.260555194	2.118453143	3.221830688	2.148583759
ENSMUSG00000100330	5.65961481	4.869320706	10.59226572	6.443661377	5.013362104
ENSMUSG00000100331	4.952162959	4.173703463	7.061510478	3.221830688	5.013362104
ENSMUSG00000100332	9.196874066	6.260555194	4.236906287	4.02728836	5.013362104
ENSMUSG00000100333	5.65961481	4.173703463	5.649208382	0	4.297167518
ENSMUSG00000100334	8.489422215	2.782468975	5.649208382	7.249119049	6.445751277
ENSMUSG00000100335	4.952162959	5.56493795	9.179963621	10.47094974	3.580972932
ENSMUSG00000100336	13.44158517	9.738641413	5.649208382	3.221830688	7.87814045
ENSMUSG00000100337	12.02668147	10.43425866	7.767661525	4.832746033	5.013362104
ENSMUSG00000100338	5.65961481	10.43425866	7.061510478	3.221830688	4.297167518
ENSMUSG00000100339	4.952162959	5.56493795	3.530755239	3.221830688	2.864778345
ENSMUSG00000100340	8.489422215	9.738641413	12.71071886	4.02728836	8.594335036
ENSMUSG00000100341	7.781970364	3.478086219	6.35535943	6.443661377	5.013362104
ENSMUSG00000100342	12.02668147	5.56493795	5.649208382	4.832746033	6.445751277
ENSMUSG00000100343	6.367066661	4.173703463	3.530755239	3.221830688	2.864778345
ENSMUSG00000100344	9.904325918	6.956172438	7.767661525	4.02728836	8.594335036
ENSMUSG00000100345	12.73413332	2.086851731	9.179963621	10.47094974	7.87814045

ENSMUSG00000100346	13.44158517	4.869320706	7.061510478	6.443661377	6.445751277
ENSMUSG00000100347	10.61177777	14.60796212	21.18453143	10.47094974	12.17530797
ENSMUSG00000100348	9.196874066	8.347406925	7.061510478	5.638203705	4.297167518
ENSMUSG00000100349	5.65961481	1.391234488	6.35535943	4.832746033	7.161945863
ENSMUSG00000100350	6.367066661	4.173703463	6.35535943	1.610915344	4.297167518
ENSMUSG00000100351	1.414903703	0.695617244	4.236906287	0.805457672	0.716194586
ENSMUSG00000100352	3.537259256	2.782468975	5.649208382	1.610915344	4.297167518
ENSMUSG00000100353	7.781970364	8.347406925	5.649208382	4.02728836	7.161945863
ENSMUSG00000100354	7.781970364	7.651789682	7.767661525	3.221830688	7.161945863
ENSMUSG00000100355	4.244711108	6.260555194	8.473812573	0.805457672	5.729556691
ENSMUSG00000100356	0.707451851	2.086851731	2.118453143	1.610915344	0.716194586
ENSMUSG00000100357	7.781970364	9.043024169	7.767661525	5.638203705	4.297167518
ENSMUSG00000100358	7.781970364	11.1298759	12.00456781	4.02728836	2.864778345
ENSMUSG00000100359	8.489422215	3.478086219	9.179963621	0.805457672	2.864778345
ENSMUSG00000100360	4.244711108	2.782468975	2.824604191	1.610915344	5.729556691
ENSMUSG00000100361	7.781970364	13.21672763	7.061510478	3.221830688	6.445751277
ENSMUSG00000100362	7.781970364	6.956172438	9.179963621	8.054576721	5.013362104
ENSMUSG00000100363	9.904325918	6.260555194	7.061510478	4.832746033	2.148583759
ENSMUSG00000100364	4.952162959	2.782468975	3.530755239	3.221830688	5.729556691
ENSMUSG00000100365	5.65961481	6.260555194	6.35535943	4.832746033	4.297167518
ENSMUSG00000100366	8.489422215	4.173703463	4.943057334	4.832746033	2.864778345
ENSMUSG00000100367	7.781970364	8.347406925	6.35535943	3.221830688	9.310529622
ENSMUSG00000100368	2.122355554	1.391234488	4.236906287	2.416373016	4.297167518
ENSMUSG00000100369	2.122355554	0.695617244	4.236906287	2.416373016	3.580972932
ENSMUSG00000100370	7.781970364	14.60796212	12.00456781	9.665492065	11.45911338
ENSMUSG00000100371	7.781970364	9.043024169	9.179963621	6.443661377	5.729556691
ENSMUSG00000100372	9.196874066	8.347406925	6.35535943	6.443661377	5.729556691
ENSMUSG00000100373	7.781970364	4.173703463	10.59226572	4.02728836	4.297167518
ENSMUSG00000100374	16.27139258	4.173703463	6.35535943	8.860034393	9.310529622
ENSMUSG00000100375	5.65961481	7.651789682	6.35535943	9.665492065	11.45911338
ENSMUSG00000100376	9.196874066	8.347406925	8.473812573	8.860034393	7.161945863
ENSMUSG00000100377	5.65961481	4.869320706	3.530755239	1.610915344	4.297167518
ENSMUSG00000100378	13.44158517	9.043024169	11.29841676	8.054576721	5.729556691
ENSMUSG00000100379	7.781970364	6.260555194	8.473812573	2.416373016	4.297167518
ENSMUSG00000100380	9.904325918	15.30357936	5.649208382	8.860034393	10.02672421
ENSMUSG00000100381	7.074518513	6.956172438	7.767661525	5.638203705	6.445751277
ENSMUSG00000100382	24.76081479	28.52030699	20.47838039	12.08186508	20.769643
ENSMUSG00000100383	10.61177777	12.52111039	7.061510478	10.47094974	5.729556691
ENSMUSG00000100384	2.122355554	3.478086219	4.943057334	1.610915344	3.580972932
ENSMUSG00000100385	4.952162959	7.651789682	2.824604191	2.416373016	5.729556691
ENSMUSG00000100386	7.781970364	9.043024169	9.886114669	8.860034393	5.013362104
ENSMUSG00000100387	9.904325918	6.260555194	11.29841676	5.638203705	6.445751277
ENSMUSG00000100388	7.074518513	4.869320706	7.767661525	4.832746033	4.297167518

ENSMUSG00000100389	12.02668147	4.869320706	11.29841676	8.054576721	5.013362104
ENSMUSG00000100390	7.781970364	2.086851731	7.061510478	2.416373016	2.148583759
ENSMUSG00000100391	8.489422215	7.651789682	5.649208382	4.02728836	5.013362104
ENSMUSG00000100392	7.074518513	13.21672763	10.59226572	12.08186508	20.769643
ENSMUSG00000100393	7.074518513	5.56493795	12.00456781	6.443661377	4.297167518
ENSMUSG00000100394	197.3790665	251.8134422	201.2530486	296.4084233	209.8450138
ENSMUSG00000100395	9.904325918	6.956172438	8.473812573	4.832746033	5.729556691
ENSMUSG00000100396	22.63845924	33.3896277	45.19366706	74.10210583	64.45751277
ENSMUSG00000100397	10.61177777	5.56493795	6.35535943	7.249119049	9.310529622
ENSMUSG00000100398	6.367066661	4.173703463	9.179963621	8.054576721	4.297167518
ENSMUSG00000100399	4.244711108	5.56493795	9.886114669	3.221830688	2.148583759
ENSMUSG00000100400	7.781970364	4.869320706	3.530755239	6.443661377	7.161945863
ENSMUSG00000100401	9.904325918	0.695617244	4.943057334	4.02728836	5.013362104
ENSMUSG00000100402	8.489422215	6.260555194	9.886114669	6.443661377	3.580972932
ENSMUSG00000100403	6.367066661	5.56493795	4.943057334	3.221830688	2.148583759
ENSMUSG00000100404	9.196874066	6.956172438	7.061510478	1.610915344	2.148583759
ENSMUSG00000100405	7.781970364	6.260555194	9.886114669	12.08186508	9.310529622
ENSMUSG00000100406	9.904325918	5.56493795	4.236906287	4.02728836	4.297167518
ENSMUSG00000100407	4.244711108	5.56493795	6.35535943	1.610915344	2.148583759
ENSMUSG00000100408	2.122355554	4.869320706	2.824604191	2.416373016	2.148583759
ENSMUSG00000100409	9.196874066	3.478086219	8.473812573	4.832746033	8.594335036
ENSMUSG00000100410	9.196874066	4.173703463	8.473812573	1.610915344	6.445751277
ENSMUSG00000100411	5.65961481	4.173703463	8.473812573	1.610915344	2.148583759
ENSMUSG00000100412	3.537259256	2.086851731	5.649208382	2.416373016	0.716194586
ENSMUSG00000100413	9.904325918	4.869320706	5.649208382	1.610915344	5.013362104
ENSMUSG00000100414	0	0	0	0	0
ENSMUSG00000100415	8.489422215	4.173703463	4.236906287	6.443661377	5.729556691
ENSMUSG00000100416	8.489422215	0.695617244	4.943057334	12.08186508	5.013362104
ENSMUSG00000100417	10.61177777	3.478086219	8.473812573	7.249119049	7.87814045
ENSMUSG00000100418	7.074518513	6.956172438	7.767661525	4.02728836	6.445751277
ENSMUSG00000100419	7.781970364	4.869320706	8.473812573	4.02728836	9.310529622
ENSMUSG00000100420	7.781970364	7.651789682	7.061510478	3.221830688	6.445751277
ENSMUSG00000100421	2.122355554	6.260555194	4.943057334	4.02728836	3.580972932
ENSMUSG00000100422	7.781970364	1.391234488	4.943057334	2.416373016	5.013362104
ENSMUSG00000100423	7.781970364	9.738641413	5.649208382	6.443661377	3.580972932
ENSMUSG00000100424	4.952162959	0	4.236906287	4.832746033	3.580972932
ENSMUSG00000100425	9.196874066	7.651789682	10.59226572	2.416373016	5.013362104
ENSMUSG00000100426	8.489422215	6.260555194	7.061510478	6.443661377	5.013362104
ENSMUSG00000100427	5.65961481	7.651789682	7.767661525	6.443661377	6.445751277
ENSMUSG00000100428	5.65961481	4.869320706	6.35535943	1.610915344	2.148583759
ENSMUSG00000100429	11.31922962	4.173703463	10.59226572	7.249119049	10.02672421
ENSMUSG00000100430	6.367066661	4.173703463	4.943057334	6.443661377	12.89150255
ENSMUSG00000100431	9.196874066	7.651789682	7.061510478	6.443661377	2.864778345

ENSMUSG00000100432	11.31922962	8.347406925	6.35535943	4.02728836	6.445751277
ENSMUSG00000100433	4.244711108	1.391234488	9.179963621	0.805457672	5.013362104
ENSMUSG00000100434	9.904325918	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG00000100435	11.31922962	7.651789682	6.35535943	8.860034393	11.45911338
ENSMUSG00000100436	35.37259256	68.86610713	63.5535943	37.05105292	37.24211849
ENSMUSG00000100437	13.44158517	6.956172438	4.236906287	8.054576721	5.013362104
ENSMUSG00000100438	7.074518513	4.173703463	7.061510478	2.416373016	5.013362104
ENSMUSG00000100439	8.489422215	4.869320706	7.767661525	8.054576721	9.310529622
ENSMUSG00000100440	4.952162959	5.56493795	6.35535943	3.221830688	6.445751277
ENSMUSG00000100441	5.65961481	9.738641413	4.236906287	4.832746033	5.013362104
ENSMUSG00000100442	3.537259256	6.260555194	9.886114669	1.610915344	6.445751277
ENSMUSG00000100443	10.61177777	10.43425866	9.179963621	6.443661377	3.580972932
ENSMUSG00000100444	14.85648888	4.869320706	5.649208382	10.47094974	8.594335036
ENSMUSG00000100445	2.122355554	1.391234488	2.824604191	1.610915344	2.148583759
ENSMUSG00000100446	5.65961481	5.56493795	1.412302096	0.805457672	2.148583759
ENSMUSG00000100447	4.952162959	5.56493795	5.649208382	1.610915344	5.729556691
ENSMUSG00000100449	2.122355554	7.651789682	8.473812573	5.638203705	2.864778345
ENSMUSG00000100450	7.074518513	6.956172438	13.41686991	4.02728836	9.310529622
ENSMUSG00000100451	7.781970364	10.43425866	7.061510478	4.832746033	5.013362104
ENSMUSG00000100452	7.781970364	5.56493795	3.530755239	3.221830688	5.013362104
ENSMUSG00000100453	6.367066661	6.260555194	4.943057334	3.221830688	4.297167518
ENSMUSG00000100454	16.27139258	16.69481385	17.65377619	16.10915344	14.32389173
ENSMUSG00000100455	0	0	0	0	0
ENSMUSG00000100456	9.196874066	3.478086219	8.473812573	8.054576721	6.445751277
ENSMUSG00000100457	12.02668147	4.869320706	5.649208382	2.416373016	7.87814045
ENSMUSG00000100458	0	0	0	0	0
ENSMUSG00000100459	9.904325918	4.173703463	9.886114669	3.221830688	7.87814045
ENSMUSG00000100460	7.074518513	4.173703463	3.530755239	1.610915344	4.297167518
ENSMUSG00000100461	4.952162959	4.173703463	3.530755239	4.832746033	4.297167518
ENSMUSG00000100462	8.489422215	8.347406925	7.061510478	5.638203705	8.594335036
ENSMUSG00000100463	7.781970364	6.260555194	2.824604191	1.610915344	2.148583759
ENSMUSG00000100464	4.952162959	3.478086219	4.943057334	3.221830688	2.864778345
ENSMUSG00000100465	0.707451851	2.782468975	0	1.610915344	0
ENSMUSG00000100466	7.074518513	5.56493795	7.061510478	9.665492065	8.594335036
ENSMUSG00000100468	7.074518513	3.478086219	5.649208382	4.832746033	0
ENSMUSG00000100469	5.65961481	5.56493795	9.179963621	3.221830688	2.864778345
ENSMUSG00000100470	5.65961481	6.956172438	5.649208382	4.832746033	8.594335036
ENSMUSG00000100471	12.73413332	4.173703463	6.35535943	2.416373016	5.729556691
ENSMUSG00000100472	4.244711108	1.391234488	4.943057334	1.610915344	2.864778345
ENSMUSG00000100473	5.65961481	5.56493795	9.179963621	2.416373016	3.580972932
ENSMUSG00000100474	9.196874066	9.043024169	6.35535943	4.02728836	10.02672421
ENSMUSG00000100475	5.65961481	6.956172438	9.179963621	4.832746033	7.161945863
ENSMUSG00000100476	7.074518513	9.043024169	5.649208382	3.221830688	7.161945863

ENSMUSG00000100477	2.829807405	5.56493795	3.530755239	2.416373016	2.864778345
ENSMUSG00000100478	8.489422215	3.478086219	9.179963621	3.221830688	1.432389173
ENSMUSG00000100479	4.952162959	2.782468975	2.118453143	2.416373016	2.864778345
ENSMUSG00000100480	3.537259256	3.478086219	6.35535943	7.249119049	5.013362104
ENSMUSG00000100481	7.074518513	7.651789682	4.236906287	5.638203705	7.161945863
ENSMUSG00000100482	7.074518513	6.956172438	7.767661525	4.02728836	5.729556691
ENSMUSG00000100483	10.61177777	9.738641413	8.473812573	5.638203705	6.445751277
ENSMUSG00000100484	10.61177777	6.956172438	4.236906287	6.443661377	2.864778345
ENSMUSG00000100486	12.73413332	0.695617244	9.179963621	5.638203705	5.013362104
ENSMUSG00000100487	10.61177777	6.956172438	9.886114669	10.47094974	9.310529622
ENSMUSG00000100488	3.537259256	9.043024169	9.179963621	3.221830688	3.580972932
ENSMUSG00000100489	9.196874066	4.173703463	4.236906287	4.832746033	5.729556691
ENSMUSG00000100490	4.952162959	8.347406925	9.886114669	7.249119049	2.864778345
ENSMUSG00000100491	5.65961481	4.869320706	4.236906287	4.02728836	2.148583759
ENSMUSG00000100492	4.952162959	9.738641413	6.35535943	3.221830688	7.161945863
ENSMUSG00000100493	11.31922962	10.43425866	9.886114669	12.08186508	9.310529622
ENSMUSG00000100494	4.244711108	10.43425866	8.473812573	4.02728836	3.580972932
ENSMUSG00000100495	3.537259256	6.956172438	7.767661525	1.610915344	3.580972932
ENSMUSG00000100496	7.781970364	5.56493795	12.00456781	5.638203705	6.445751277
ENSMUSG00000100497	9.904325918	7.651789682	4.236906287	4.02728836	7.87814045
ENSMUSG00000100498	0	0.695617244	0	0	0
ENSMUSG00000100499	5.65961481	5.56493795	3.530755239	3.221830688	3.580972932
ENSMUSG00000100500	6.367066661	4.869320706	7.767661525	1.610915344	5.729556691
ENSMUSG00000100501	6.367066661	5.56493795	12.71071886	3.221830688	5.013362104
ENSMUSG00000100502	11.31922962	7.651789682	9.179963621	4.02728836	4.297167518
ENSMUSG00000100503	2.122355554	0.695617244	0.706151048	2.416373016	0
ENSMUSG00000100504	0	0	0	0	0
ENSMUSG00000100506	7.781970364	4.869320706	7.767661525	6.443661377	5.013362104
ENSMUSG00000100507	5.65961481	5.56493795	3.530755239	3.221830688	5.013362104
ENSMUSG00000100508	6.367066661	5.56493795	4.236906287	0.805457672	1.432389173
ENSMUSG00000100509	9.196874066	7.651789682	3.530755239	4.02728836	3.580972932
ENSMUSG00000100510	7.781970364	9.043024169	5.649208382	4.02728836	3.580972932
ENSMUSG00000100511	4.952162959	4.869320706	2.118453143	3.221830688	2.864778345
ENSMUSG00000100513	8.489422215	8.347406925	5.649208382	4.02728836	12.17530797
ENSMUSG00000100514	0	0	0	0	0
ENSMUSG00000100515	4.244711108	6.956172438	7.767661525	6.443661377	4.297167518
ENSMUSG00000100516	11.31922962	9.738641413	7.061510478	5.638203705	4.297167518
ENSMUSG00000100517	9.196874066	6.956172438	7.767661525	7.249119049	3.580972932
ENSMUSG00000100518	11.31922962	8.347406925	9.179963621	4.02728836	3.580972932
ENSMUSG00000100519	7.781970364	6.956172438	9.179963621	9.665492065	2.864778345
ENSMUSG00000100520	4.952162959	5.56493795	3.530755239	4.02728836	1.432389173
ENSMUSG00000100521	5.65961481	1.391234488	4.943057334	4.02728836	5.013362104
ENSMUSG00000100522	14.85648888	25.73783802	26.12758877	28.19101852	37.24211849

ENSMUSG00000100523	7.074518513	4.869320706	12.00456781	4.832746033	7.161945863
ENSMUSG00000100524	8.489422215	6.956172438	9.179963621	10.47094974	5.729556691
ENSMUSG00000100525	8.489422215	5.56493795	5.649208382	3.221830688	5.729556691
ENSMUSG00000100526	6.367066661	6.260555194	6.35535943	1.610915344	6.445751277
ENSMUSG00000100527	9.904325918	9.738641413	11.29841676	4.02728836	8.594335036
ENSMUSG00000100528	9.904325918	9.738641413	9.179963621	4.02728836	5.729556691
ENSMUSG00000100529	14.14903703	11.82549314	13.41686991	13.69278043	12.89150255
ENSMUSG00000100530	10.61177777	5.56493795	5.649208382	6.443661377	6.445751277
ENSMUSG00000100531	7.781970364	4.869320706	5.649208382	4.02728836	3.580972932
ENSMUSG00000100532	4.952162959	5.56493795	7.061510478	0.805457672	3.580972932
ENSMUSG00000100533	5.65961481	6.260555194	4.236906287	0.805457672	5.013362104
ENSMUSG00000100534	7.781970364	9.738641413	7.767661525	4.02728836	10.7429188
ENSMUSG00000100536	12.73413332	6.956172438	9.179963621	1.610915344	4.297167518
ENSMUSG00000100537	7.781970364	6.260555194	7.767661525	1.610915344	2.864778345
ENSMUSG00000100538	11.31922962	8.347406925	8.473812573	6.443661377	10.02672421
ENSMUSG00000100539	9.196874066	4.869320706	4.236906287	5.638203705	5.729556691
ENSMUSG00000100540	5.65961481	6.260555194	9.886114669	0	3.580972932
ENSMUSG00000100541	7.074518513	3.478086219	6.35535943	0	5.729556691
ENSMUSG00000100542	6.367066661	4.869320706	9.179963621	2.416373016	4.297167518
ENSMUSG00000100543	10.61177777	8.347406925	7.061510478	8.054576721	6.445751277
ENSMUSG00000100544	6.367066661	4.869320706	4.943057334	4.832746033	5.013362104
ENSMUSG00000100545	0	0	0	0	0
ENSMUSG00000100546	9.196874066	9.043024169	8.473812573	3.221830688	6.445751277
ENSMUSG00000100547	5.65961481	4.869320706	9.179963621	4.832746033	2.148583759
ENSMUSG00000100548	67.91537772	105.0382038	81.20737049	46.71654498	65.17370736
ENSMUSG00000100549	7.074518513	4.869320706	5.649208382	4.832746033	5.013362104
ENSMUSG00000100550	5.65961481	9.043024169	5.649208382	8.054576721	5.729556691
ENSMUSG00000100551	10.61177777	6.260555194	12.00456781	8.860034393	8.594335036
ENSMUSG00000100552	11.31922962	11.1298759	12.00456781	10.47094974	8.594335036
ENSMUSG00000100553	2.829807405	4.869320706	5.649208382	5.638203705	4.297167518
ENSMUSG00000100554	7.781970364	7.651789682	7.061510478	3.221830688	5.729556691
ENSMUSG00000100555	7.781970364	9.043024169	8.473812573	9.665492065	4.297167518
ENSMUSG00000100556	14.14903703	4.173703463	4.943057334	4.832746033	7.87814045
ENSMUSG00000100557	10.61177777	9.043024169	7.767661525	4.832746033	5.729556691
ENSMUSG00000100558	5.65961481	4.869320706	7.061510478	8.860034393	7.87814045
ENSMUSG00000100559	7.074518513	6.260555194	5.649208382	4.02728836	5.729556691
ENSMUSG00000100560	5.65961481	6.260555194	7.061510478	4.832746033	4.297167518
ENSMUSG00000100561	14.14903703	6.260555194	11.29841676	4.02728836	5.013362104
ENSMUSG00000100562	7.074518513	7.651789682	6.35535943	8.054576721	7.161945863
ENSMUSG00000100563	7.074518513	10.43425866	7.061510478	9.665492065	10.7429188
ENSMUSG00000100564	2.829807405	5.56493795	4.943057334	4.02728836	3.580972932
ENSMUSG00000100565	5.65961481	2.782468975	4.236906287	4.02728836	4.297167518
ENSMUSG00000100566	3.537259256	5.56493795	4.943057334	2.416373016	4.297167518

ENSMUSG00000100567	4.244711108	3.478086219	0.706151048	1.610915344	4.297167518
ENSMUSG00000100568	9.196874066	6.260555194	7.061510478	3.221830688	5.013362104
ENSMUSG00000100569	6.367066661	2.782468975	8.473812573	4.02728836	5.013362104
ENSMUSG00000100570	3.537259256	4.869320706	4.236906287	5.638203705	5.013362104
ENSMUSG00000100571	7.074518513	4.173703463	2.824604191	1.610915344	3.580972932
ENSMUSG00000100572	4.952162959	4.869320706	7.767661525	10.47094974	3.580972932
ENSMUSG00000100573	10.61177777	4.173703463	6.35535943	6.443661377	5.013362104
ENSMUSG00000100574	2.829807405	8.347406925	7.767661525	4.02728836	2.148583759
ENSMUSG00000100575	10.61177777	2.086851731	7.767661525	0.805457672	4.297167518
ENSMUSG00000100576	3.537259256	3.478086219	4.236906287	1.610915344	2.864778345
ENSMUSG00000100577	10.61177777	6.260555194	9.179963621	4.832746033	4.297167518
ENSMUSG00000100578	9.196874066	9.043024169	7.061510478	1.610915344	6.445751277
ENSMUSG00000100579	3.537259256	10.43425866	4.236906287	3.221830688	5.013362104
ENSMUSG00000100580	9.904325918	6.260555194	11.29841676	1.610915344	5.729556691
ENSMUSG00000100581	5.65961481	4.173703463	2.824604191	4.832746033	2.148583759
ENSMUSG00000100582	7.074518513	3.478086219	4.236906287	3.221830688	2.864778345
ENSMUSG00000100583	31.12788146	65.38802092	60.02283906	71.68573282	73.05184781
ENSMUSG00000100584	2.829807405	4.869320706	4.236906287	0.805457672	3.580972932
ENSMUSG00000100585	9.904325918	11.82549314	9.886114669	9.665492065	10.02672421
ENSMUSG00000100587	7.074518513	2.782468975	4.943057334	4.832746033	2.864778345
ENSMUSG00000100588	4.244711108	7.651789682	2.824604191	3.221830688	0.716194586
ENSMUSG00000100589	8.489422215	5.56493795	7.061510478	4.02728836	4.297167518
ENSMUSG00000100590	7.781970364	6.260555194	7.061510478	2.416373016	2.148583759
ENSMUSG00000100591	6.367066661	1.391234488	8.473812573	3.221830688	7.161945863
ENSMUSG00000100592	10.61177777	4.869320706	7.061510478	4.832746033	5.729556691
ENSMUSG00000100593	6.367066661	4.869320706	7.061510478	4.832746033	9.310529622
ENSMUSG00000100594	43.86201478	61.21431745	50.84287544	70.07481747	63.74131818
ENSMUSG00000100595	8.489422215	8.347406925	5.649208382	11.27640741	9.310529622
ENSMUSG00000100596	9.904325918	8.347406925	7.767661525	6.443661377	5.729556691
ENSMUSG00000100597	5.65961481	6.260555194	5.649208382	3.221830688	4.297167518
ENSMUSG00000100598	6.367066661	7.651789682	6.35535943	8.054576721	2.864778345
ENSMUSG00000100599	43.15456293	61.9099347	60.02283906	49.93837567	59.44415067
ENSMUSG00000100600	9.196874066	9.738641413	9.886114669	5.638203705	8.594335036
ENSMUSG00000100601	7.074518513	7.651789682	6.35535943	3.221830688	8.594335036
ENSMUSG00000100602	8.489422215	13.91234488	4.236906287	12.08186508	10.7429188
ENSMUSG00000100603	12.73413332	8.347406925	4.943057334	4.02728836	10.02672421
ENSMUSG00000100604	8.489422215	6.260555194	7.767661525	1.610915344	6.445751277
ENSMUSG00000100605	9.904325918	2.782468975	6.35535943	5.638203705	2.864778345
ENSMUSG00000100606	6.367066661	6.260555194	5.649208382	4.832746033	1.432389173
ENSMUSG00000100607	7.781970364	6.956172438	4.236906287	3.221830688	5.013362104
ENSMUSG00000100609	6.367066661	3.478086219	6.35535943	3.221830688	3.580972932
ENSMUSG00000100610	2.829807405	8.347406925	10.59226572	5.638203705	5.013362104
ENSMUSG00000100611	6.367066661	9.738641413	4.236906287	2.416373016	6.445751277

ENSMUSG00000100612	11.31922962	6.260555194	9.179963621	4.832746033	5.013362104
ENSMUSG00000100613	12.73413332	4.869320706	9.886114669	6.443661377	5.013362104
ENSMUSG00000100614	5.65961481	2.086851731	5.649208382	5.638203705	4.297167518
ENSMUSG00000100615	7.781970364	6.956172438	7.767661525	8.054576721	8.594335036
ENSMUSG00000100616	8.489422215	9.043024169	7.767661525	7.249119049	5.013362104
ENSMUSG00000100618	3.537259256	4.173703463	2.824604191	7.249119049	2.148583759
ENSMUSG00000100619	4.244711108	2.782468975	4.943057334	3.221830688	5.013362104
ENSMUSG00000100620	19.10119998	19.47728283	23.30298458	33.82922223	25.78300511
ENSMUSG00000100621	4.244711108	9.043024169	8.473812573	4.832746033	7.87814045
ENSMUSG00000100622	0	0	0	0	0
ENSMUSG00000100623	7.781970364	5.56493795	7.061510478	6.443661377	7.87814045
ENSMUSG00000100624	6.367066661	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000100625	9.904325918	6.956172438	11.29841676	9.665492065	9.310529622
ENSMUSG00000100627	4.952162959	6.260555194	5.649208382	4.832746033	5.013362104
ENSMUSG00000100628	9.196874066	5.56493795	5.649208382	3.221830688	4.297167518
ENSMUSG00000100629	12.73413332	26.43345526	32.4829482	37.85651059	27.21539428
ENSMUSG00000100630	10.61177777	6.260555194	9.179963621	5.638203705	5.013362104
ENSMUSG00000100631	9.196874066	7.651789682	6.35535943	6.443661377	7.87814045
ENSMUSG00000100632	7.781970364	6.260555194	4.943057334	8.054576721	10.02672421
ENSMUSG00000100633	0.707451851	0	0	0	0.716194586
ENSMUSG00000100635	9.196874066	6.956172438	4.236906287	8.054576721	7.87814045
ENSMUSG00000100636	9.904325918	4.869320706	4.236906287	9.665492065	7.161945863
ENSMUSG00000100637	5.65961481	5.56493795	4.943057334	8.054576721	4.297167518
ENSMUSG00000100638	10.61177777	5.56493795	10.59226572	5.638203705	6.445751277
ENSMUSG00000100639	4.952162959	9.043024169	5.649208382	5.638203705	7.161945863
ENSMUSG00000100640	6.367066661	8.347406925	3.530755239	0.805457672	6.445751277
ENSMUSG00000100641	3.537259256	2.782468975	3.530755239	1.610915344	3.580972932
ENSMUSG00000100643	8.489422215	6.956172438	7.061510478	1.610915344	2.864778345
ENSMUSG00000100644	1.414903703	2.086851731	1.412302096	1.610915344	1.432389173
ENSMUSG00000100646	3.537259256	4.173703463	7.767661525	4.02728836	2.864778345
ENSMUSG00000100647	4.952162959	5.56493795	5.649208382	2.416373016	2.864778345
ENSMUSG00000100648	6.367066661	5.56493795	11.29841676	7.249119049	7.87814045
ENSMUSG00000100649	7.781970364	5.56493795	4.943057334	2.416373016	3.580972932
ENSMUSG00000100650	12.02668147	10.43425866	7.767661525	2.416373016	2.864778345
ENSMUSG00000100651	4.244711108	2.782468975	6.35535943	5.638203705	3.580972932
ENSMUSG00000100652	9.904325918	6.260555194	8.473812573	4.832746033	8.594335036
ENSMUSG00000100653	4.952162959	5.56493795	6.35535943	1.610915344	2.148583759
ENSMUSG00000100654	0	0	0	0	0
ENSMUSG00000100655	8.489422215	5.56493795	6.35535943	6.443661377	5.013362104
ENSMUSG00000100656	0	0	0.706151048	0	0.716194586
ENSMUSG00000100657	7.781970364	4.869320706	2.824604191	8.054576721	4.297167518
ENSMUSG00000100658	37.49494812	59.12746572	62.84744325	36.24559524	34.37734014
ENSMUSG00000100659	4.952162959	4.869320706	4.943057334	3.221830688	2.864778345



ENSMUSG00000100660	12.73413332	6.260555194	4.943057334	6.443661377	8.594335036
ENSMUSG00000100661	2.829807405	2.782468975	6.35535943	4.832746033	4.297167518
ENSMUSG00000100662	8.489422215	6.260555194	7.061510478	4.832746033	4.297167518
ENSMUSG00000100663	12.73413332	7.651789682	7.061510478	4.832746033	7.161945863
ENSMUSG00000100664	7.781970364	6.956172438	8.473812573	5.638203705	5.729556691
ENSMUSG00000100665	4.952162959	6.260555194	11.29841676	2.416373016	7.161945863
ENSMUSG00000100666	9.904325918	3.478086219	12.71071886	3.221830688	7.161945863
ENSMUSG00000100668	15.56394073	5.56493795	2.118453143	7.249119049	10.7429188
ENSMUSG00000100669	6.367066661	7.651789682	3.530755239	4.832746033	7.161945863
ENSMUSG00000100670	12.73413332	5.56493795	10.59226572	7.249119049	5.013362104
ENSMUSG00000100671	8.489422215	4.869320706	7.767661525	3.221830688	6.445751277
ENSMUSG00000100672	7.074518513	9.043024169	7.767661525	3.221830688	4.297167518
ENSMUSG00000100673	7.074518513	3.478086219	7.061510478	2.416373016	1.432389173
ENSMUSG00000100674	12.02668147	12.52111039	9.179963621	8.054576721	5.013362104
ENSMUSG00000100675	9.904325918	6.260555194	9.179963621	5.638203705	2.148583759
ENSMUSG00000100676	8.489422215	6.956172438	3.530755239	0.805457672	2.864778345
ENSMUSG00000100677	9.196874066	4.869320706	7.767661525	4.02728836	2.148583759
ENSMUSG00000100678	4.952162959	5.56493795	6.35535943	3.221830688	7.87814045
ENSMUSG00000100680	8.489422215	7.651789682	6.35535943	8.860034393	13.60769714
ENSMUSG00000100681	9.904325918	6.956172438	10.59226572	4.02728836	5.729556691
ENSMUSG00000100682	3.537259256	6.956172438	7.767661525	1.610915344	6.445751277
ENSMUSG00000100683	4.244711108	4.869320706	4.236906287	0.805457672	4.297167518
ENSMUSG00000100684	7.074518513	6.956172438	8.473812573	2.416373016	5.729556691
ENSMUSG00000100685	6.367066661	3.478086219	10.59226572	2.416373016	4.297167518
ENSMUSG00000100686	0	0.695617244	0	0	0
ENSMUSG00000100687	7.781970364	5.56493795	4.943057334	5.638203705	7.161945863
ENSMUSG00000100688	9.196874066	5.56493795	7.767661525	4.832746033	9.310529622
ENSMUSG00000100689	8.489422215	6.260555194	7.767661525	8.054576721	6.445751277
ENSMUSG00000100690	8.489422215	6.260555194	9.886114669	7.249119049	5.729556691
ENSMUSG00000100691	14.14903703	28.52030699	28.24604191	40.2728836	23.63442135
ENSMUSG00000100692	3.537259256	4.173703463	8.473812573	2.416373016	3.580972932
ENSMUSG00000100693	7.074518513	4.173703463	3.530755239	7.249119049	4.297167518
ENSMUSG00000100694	7.781970364	4.869320706	4.943057334	3.221830688	4.297167518
ENSMUSG00000100695	8.489422215	4.869320706	4.236906287	2.416373016	4.297167518
ENSMUSG00000100696	0.707451851	0	2.118453143	0.805457672	0
ENSMUSG00000100697	11.31922962	5.56493795	4.943057334	4.832746033	6.445751277
ENSMUSG00000100698	9.904325918	10.43425866	7.061510478	3.221830688	4.297167518
ENSMUSG00000100699	7.074518513	3.478086219	4.943057334	3.221830688	4.297167518
ENSMUSG00000100700	3.537259256	3.478086219	4.236906287	2.416373016	5.729556691
ENSMUSG00000100701	7.781970364	9.043024169	12.00456781	7.249119049	12.17530797
ENSMUSG00000100702	13.44158517	7.651789682	3.530755239	8.054576721	8.594335036
ENSMUSG00000100703	5.65961481	5.56493795	10.59226572	8.054576721	7.87814045
ENSMUSG00000100705	9.904325918	4.173703463	5.649208382	4.832746033	5.729556691

ENSMUSG00000100706	8.489422215	0.695617244	7.767661525	3.221830688	4.297167518
ENSMUSG00000100707	1.414903703	0.695617244	0	0.805457672	1.432389173
ENSMUSG00000100709	7.074518513	2.782468975	4.943057334	3.221830688	4.297167518
ENSMUSG00000100710	4.952162959	5.56493795	2.824604191	3.221830688	7.161945863
ENSMUSG00000100711	9.196874066	10.43425866	7.767661525	3.221830688	4.297167518
ENSMUSG00000100712	5.65961481	4.869320706	3.530755239	3.221830688	3.580972932
ENSMUSG00000100713	9.196874066	10.43425866	6.35535943	3.221830688	8.594335036
ENSMUSG00000100714	5.65961481	6.956172438	5.649208382	6.443661377	5.729556691
ENSMUSG00000100715	7.781970364	4.173703463	6.35535943	1.610915344	5.729556691
ENSMUSG00000100716	10.61177777	3.478086219	4.236906287	3.221830688	5.013362104
ENSMUSG00000100717	15.56394073	4.869320706	4.943057334	4.02728836	5.013362104
ENSMUSG00000100718	5.65961481	3.478086219	4.943057334	0.805457672	5.013362104
ENSMUSG00000100719	2.829807405	4.173703463	8.473812573	1.610915344	5.013362104
ENSMUSG00000100720	0	0	0	0	0
ENSMUSG00000100721	12.73413332	12.52111039	10.59226572	8.054576721	17.90486466
ENSMUSG00000100722	4.952162959	3.478086219	7.061510478	1.610915344	6.445751277
ENSMUSG00000100723	5.65961481	5.56493795	6.35535943	4.02728836	5.729556691
ENSMUSG00000100724	1.414903703	9.043024169	2.824604191	2.416373016	7.161945863
ENSMUSG00000100727	8.489422215	7.651789682	7.767661525	4.832746033	3.580972932
ENSMUSG00000100728	8.489422215	2.086851731	7.767661525	6.443661377	9.310529622
ENSMUSG00000100729	9.904325918	7.651789682	4.943057334	4.02728836	7.87814045
ENSMUSG00000100730	3.537259256	4.173703463	4.943057334	1.610915344	2.148583759
ENSMUSG00000100731	3.537259256	2.782468975	2.118453143	4.02728836	4.297167518
ENSMUSG00000100732	7.074518513	4.869320706	11.29841676	4.02728836	10.02672421
ENSMUSG00000100733	11.31922962	4.173703463	9.179963621	6.443661377	6.445751277
ENSMUSG00000100734	8.489422215	5.56493795	10.59226572	6.443661377	7.87814045
ENSMUSG00000100735	6.367066661	4.869320706	2.824604191	2.416373016	5.729556691
ENSMUSG00000100736	6.367066661	9.738641413	16.2414741	10.47094974	11.45911338
ENSMUSG00000100737	2.829807405	6.260555194	7.061510478	0.805457672	2.864778345
ENSMUSG00000100738	73.57499253	91.12585893	92.50578726	42.68925662	55.86317773
ENSMUSG00000100739	7.781970364	6.956172438	9.179963621	3.221830688	3.580972932
ENSMUSG00000100740	5.65961481	5.56493795	6.35535943	4.832746033	10.7429188
ENSMUSG00000100741	5.65961481	4.173703463	4.236906287	3.221830688	3.580972932
ENSMUSG00000100742	2.829807405	4.173703463	3.530755239	4.02728836	2.148583759
ENSMUSG00000100743	9.904325918	9.043024169	4.943057334	6.443661377	7.87814045
ENSMUSG00000100744	8.489422215	4.869320706	10.59226572	5.638203705	8.594335036
ENSMUSG00000100745	6.367066661	4.173703463	4.943057334	4.02728836	5.729556691
ENSMUSG00000100746	4.244711108	3.478086219	5.649208382	4.02728836	4.297167518
ENSMUSG00000100747	0	0	0	0	0
ENSMUSG00000100748	12.02668147	6.260555194	10.59226572	4.02728836	10.7429188
ENSMUSG00000100749	5.65961481	6.260555194	4.943057334	1.610915344	3.580972932
ENSMUSG00000100750	12.73413332	7.651789682	16.94762515	7.249119049	14.32389173
ENSMUSG00000100751	7.074518513	5.56493795	8.473812573	3.221830688	2.864778345

ENSMUSG00000100752	7.074518513	4.869320706	2.118453143	0.805457672	3.580972932
ENSMUSG00000100753	2.829807405	1.391234488	3.530755239	1.610915344	1.432389173
ENSMUSG00000100754	11.31922962	7.651789682	8.473812573	12.88732275	8.594335036
ENSMUSG00000100755	0	0	0	0	0
ENSMUSG00000100756	7.781970364	4.869320706	9.886114669	4.832746033	7.161945863
ENSMUSG00000100757	7.781970364	4.869320706	4.943057334	2.416373016	5.013362104
ENSMUSG00000100758	5.65961481	7.651789682	13.41686991	2.416373016	5.729556691
ENSMUSG00000100759	5.65961481	3.478086219	8.473812573	8.860034393	5.729556691
ENSMUSG00000100760	14.14903703	13.21672763	7.767661525	10.47094974	10.02672421
ENSMUSG00000100761	4.952162959	4.173703463	9.886114669	5.638203705	5.729556691
ENSMUSG00000100762	13.44158517	8.347406925	5.649208382	4.02728836	8.594335036
ENSMUSG00000100763	8.489422215	4.869320706	9.179963621	4.832746033	4.297167518
ENSMUSG00000100764	9.196874066	4.173703463	4.943057334	4.02728836	5.013362104
ENSMUSG00000100765	7.074518513	6.956172438	2.824604191	4.02728836	3.580972932
ENSMUSG00000100766	6.367066661	6.260555194	10.59226572	6.443661377	5.729556691
ENSMUSG00000100767	7.781970364	3.478086219	4.943057334	5.638203705	2.148583759
ENSMUSG00000100768	8.489422215	9.738641413	6.35535943	7.249119049	13.60769714
ENSMUSG00000100769	7.781970364	4.173703463	7.767661525	7.249119049	9.310529622
ENSMUSG00000100770	39.61730367	75.82227957	67.08434954	49.93837567	39.39070225
ENSMUSG00000100771	2.829807405	4.173703463	2.824604191	2.416373016	2.148583759
ENSMUSG00000100772	4.952162959	9.043024169	2.824604191	1.610915344	7.87814045
ENSMUSG00000100773	7.781970364	8.347406925	6.35535943	5.638203705	2.864778345
ENSMUSG00000100774	8.489422215	11.82549314	7.767661525	7.249119049	5.013362104
ENSMUSG00000100775	2.829807405	2.086851731	2.118453143	3.221830688	1.432389173
ENSMUSG00000100776	7.074518513	6.260555194	12.71071886	4.832746033	8.594335036
ENSMUSG00000100777	7.781970364	11.1298759	9.179963621	4.832746033	6.445751277
ENSMUSG00000100778	6.367066661	5.56493795	4.236906287	2.416373016	0.716194586
ENSMUSG00000100779	9.196874066	6.260555194	9.179963621	8.860034393	7.87814045
ENSMUSG00000100780	6.367066661	8.347406925	4.236906287	4.02728836	2.864778345
ENSMUSG00000100781	9.196874066	6.260555194	6.35535943	4.832746033	12.17530797
ENSMUSG00000100782	8.489422215	4.869320706	5.649208382	4.02728836	7.87814045
ENSMUSG00000100783	5.65961481	8.347406925	7.061510478	5.638203705	5.013362104
ENSMUSG00000100784	8.489422215	3.478086219	9.179963621	2.416373016	12.17530797
ENSMUSG00000100785	4.952162959	4.173703463	3.530755239	4.832746033	5.729556691
ENSMUSG00000100786	13.44158517	15.99919661	12.00456781	16.10915344	11.45911338
ENSMUSG00000100787	7.781970364	5.56493795	4.943057334	4.832746033	1.432389173
ENSMUSG00000100788	9.196874066	9.738641413	12.00456781	8.054576721	10.02672421
ENSMUSG00000100789	8.489422215	6.260555194	4.943057334	5.638203705	7.161945863
ENSMUSG00000100790	4.952162959	4.173703463	11.29841676	5.638203705	5.729556691
ENSMUSG00000100791	12.02668147	4.173703463	7.767661525	4.02728836	7.87814045
ENSMUSG00000100792	3.537259256	6.260555194	3.530755239	1.610915344	5.729556691
ENSMUSG00000100793	7.074518513	5.56493795	7.061510478	5.638203705	5.729556691
ENSMUSG00000100794	10.61177777	6.956172438	6.35535943	8.054576721	11.45911338

ENSMUSG00000100795	8.489422215	5.56493795	6.35535943	4.832746033	10.02672421
ENSMUSG00000100796	7.074518513	5.56493795	6.35535943	8.054576721	6.445751277
ENSMUSG00000100797	4.244711108	2.782468975	2.118453143	1.610915344	2.864778345
ENSMUSG00000100798	4.952162959	4.173703463	8.473812573	8.054576721	8.594335036
ENSMUSG00000100799	8.489422215	7.651789682	12.00456781	8.860034393	5.013362104
ENSMUSG00000100800	2.829807405	6.260555194	1.412302096	0	2.148583759
ENSMUSG00000100801	0	0	0	0.805457672	0
ENSMUSG00000100802	7.781970364	4.173703463	7.767661525	4.02728836	3.580972932
ENSMUSG00000100803	5.65961481	3.478086219	7.061510478	4.02728836	3.580972932
ENSMUSG00000100804	4.244711108	6.260555194	2.824604191	0.805457672	3.580972932
ENSMUSG00000100805	8.489422215	6.260555194	8.473812573	6.443661377	5.729556691
ENSMUSG00000100806	5.65961481	4.173703463	4.943057334	2.416373016	2.864778345
ENSMUSG00000100807	12.02668147	6.260555194	5.649208382	8.860034393	5.729556691
ENSMUSG00000100808	9.904325918	9.043024169	7.767661525	4.832746033	4.297167518
ENSMUSG00000100809	2.829807405	7.651789682	6.35535943	1.610915344	8.594335036
ENSMUSG00000100810	9.904325918	6.956172438	8.473812573	8.054576721	4.297167518
ENSMUSG00000100811	11.31922962	12.52111039	12.00456781	33.82922223	25.78300511
ENSMUSG00000100812	9.196874066	7.651789682	2.824604191	7.249119049	7.161945863
ENSMUSG00000100813	9.196874066	21.56413456	16.94762515	17.72006879	15.04008631
ENSMUSG00000100814	4.952162959	5.56493795	4.236906287	3.221830688	4.297167518
ENSMUSG00000100815	11.31922962	6.956172438	4.236906287	6.443661377	4.297167518
ENSMUSG00000100816	7.781970364	4.173703463	7.767661525	4.832746033	6.445751277
ENSMUSG00000100817	1.414903703	5.56493795	3.530755239	1.610915344	2.864778345
ENSMUSG00000100818	5.65961481	1.391234488	2.824604191	4.832746033	3.580972932
ENSMUSG00000100819	9.904325918	4.869320706	8.473812573	5.638203705	5.013362104
ENSMUSG00000100820	6.367066661	4.869320706	2.118453143	2.416373016	4.297167518
ENSMUSG00000100821	5.65961481	2.086851731	4.236906287	2.416373016	0.716194586
ENSMUSG00000100822	4.952162959	6.260555194	7.767661525	3.221830688	4.297167518
ENSMUSG00000100823	4.952162959	2.086851731	4.943057334	1.610915344	5.013362104
ENSMUSG00000100824	12.02668147	12.52111039	15.53532305	10.47094974	7.161945863
ENSMUSG00000100825	9.196874066	6.956172438	9.886114669	5.638203705	6.445751277
ENSMUSG00000100826	5.65961481	5.56493795	4.236906287	0.805457672	1.432389173
ENSMUSG00000100827	8.489422215	9.738641413	9.179963621	3.221830688	7.87814045
ENSMUSG00000100828	7.781970364	1.391234488	3.530755239	9.665492065	5.729556691
ENSMUSG00000100829	3.537259256	3.478086219	7.767661525	3.221830688	5.729556691
ENSMUSG00000100830	8.489422215	9.738641413	6.35535943	10.47094974	8.594335036
ENSMUSG00000100831	11.31922962	4.173703463	6.35535943	7.249119049	5.729556691
ENSMUSG00000100832	7.074518513	3.478086219	4.943057334	5.638203705	5.013362104
ENSMUSG00000100833	7.781970364	11.82549314	10.59226572	8.860034393	13.60769714
ENSMUSG00000100834	7.074518513	7.651789682	4.943057334	4.02728836	4.297167518
ENSMUSG00000100835	7.781970364	6.260555194	8.473812573	2.416373016	6.445751277
ENSMUSG00000100836	4.952162959	6.956172438	8.473812573	3.221830688	5.729556691
ENSMUSG00000100837	5.65961481	6.956172438	9.179963621	8.054576721	4.297167518

ENSMUSG00000100838	2.122355554	2.086851731	3.530755239	12.08186508	9.310529622
ENSMUSG00000100839	11.31922962	7.651789682	7.767661525	5.638203705	2.864778345
ENSMUSG00000100840	7.074518513	4.869320706	7.061510478	4.832746033	9.310529622
ENSMUSG00000100841	14.14903703	2.782468975	8.473812573	6.443661377	7.87814045
ENSMUSG00000100842	6.367066661	8.347406925	5.649208382	1.610915344	4.297167518
ENSMUSG00000100843	8.489422215	4.173703463	13.41686991	9.665492065	2.864778345
ENSMUSG00000100844	9.904325918	9.738641413	9.179963621	4.02728836	7.87814045
ENSMUSG00000100845	8.489422215	6.260555194	5.649208382	0.805457672	5.013362104
ENSMUSG00000100846	8.489422215	4.869320706	8.473812573	7.249119049	5.013362104
ENSMUSG00000100847	9.196874066	6.956172438	6.35535943	5.638203705	8.594335036
ENSMUSG00000100848	6.367066661	5.56493795	4.943057334	1.610915344	3.580972932
ENSMUSG00000100849	5.65961481	6.956172438	5.649208382	6.443661377	2.148583759
ENSMUSG00000100850	9.196874066	7.651789682	1.412302096	6.443661377	4.297167518
ENSMUSG00000100851	12.02668147	4.173703463	8.473812573	1.610915344	4.297167518
ENSMUSG00000100852	11.31922962	6.260555194	7.061510478	5.638203705	5.013362104
ENSMUSG00000100853	4.244711108	6.260555194	7.061510478	4.02728836	7.161945863
ENSMUSG00000100854	7.781970364	1.391234488	3.530755239	4.832746033	2.148583759
ENSMUSG00000100855	7.781970364	11.1298759	7.061510478	8.054576721	10.02672421
ENSMUSG00000100857	10.61177777	11.1298759	7.767661525	4.832746033	3.580972932
ENSMUSG00000100858	5.65961481	7.651789682	2.118453143	4.832746033	2.864778345
ENSMUSG00000100859	4.952162959	1.391234488	3.530755239	4.832746033	4.297167518
ENSMUSG00000100860	7.074518513	8.347406925	7.767661525	11.27640741	12.89150255
ENSMUSG00000100861	7.074518513	5.56493795	8.473812573	2.416373016	6.445751277
ENSMUSG00000100862	0	0	0	0	0
ENSMUSG00000100863	0	0	0	0	0
ENSMUSG00000100864	9.904325918	9.043024169	4.236906287	6.443661377	3.580972932
ENSMUSG00000100865	7.074518513	4.173703463	7.061510478	8.860034393	4.297167518
ENSMUSG00000100866	10.61177777	9.738641413	8.473812573	5.638203705	9.310529622
ENSMUSG00000100867	9.904325918	4.869320706	9.179963621	11.27640741	5.729556691
ENSMUSG00000100868	4.952162959	4.869320706	8.473812573	4.832746033	4.297167518
ENSMUSG00000100869	3.537259256	4.869320706	5.649208382	5.638203705	5.013362104
ENSMUSG00000100870	7.781970364	11.82549314	5.649208382	1.610915344	3.580972932
ENSMUSG00000100871	7.074518513	4.869320706	2.118453143	2.416373016	5.729556691
ENSMUSG00000100872	7.781970364	12.52111039	12.71071886	6.443661377	10.02672421
ENSMUSG00000100873	3.537259256	4.869320706	6.35535943	2.416373016	2.864778345
ENSMUSG00000100874	7.781970364	4.869320706	4.943057334	4.02728836	2.864778345
ENSMUSG00000100875	6.367066661	9.043024169	7.767661525	2.416373016	3.580972932
ENSMUSG00000100876	14.85648888	18.08604834	15.53532305	12.08186508	18.62105924
ENSMUSG00000100877	3.537259256	6.260555194	2.824604191	2.416373016	4.297167518
ENSMUSG00000100878	5.65961481	5.56493795	4.236906287	2.416373016	4.297167518
ENSMUSG00000100879	4.952162959	6.260555194	6.35535943	4.832746033	3.580972932
ENSMUSG00000100880	36.78749627	41.73703463	43.07521391	62.02024075	52.99839939
ENSMUSG00000100881	2.829807405	2.086851731	7.061510478	1.610915344	2.864778345

ENSMUSG00000100882	8.489422215	6.260555194	6.35535943	4.02728836	7.161945863
ENSMUSG00000100883	6.367066661	2.086851731	6.35535943	2.416373016	5.729556691
ENSMUSG00000100884	12.73413332	9.738641413	9.886114669	8.860034393	5.013362104
ENSMUSG00000100885	6.367066661	6.956172438	5.649208382	3.221830688	4.297167518
ENSMUSG00000100886	9.904325918	10.43425866	9.179963621	4.832746033	5.729556691
ENSMUSG00000100887	1.414903703	6.260555194	1.412302096	3.221830688	3.580972932
ENSMUSG00000100888	5.65961481	4.173703463	3.530755239	0.805457672	3.580972932
ENSMUSG00000100889	6.367066661	3.478086219	4.236906287	4.02728836	5.013362104
ENSMUSG00000100890	10.61177777	5.56493795	8.473812573	8.054576721	6.445751277
ENSMUSG00000100891	14.14903703	9.738641413	8.473812573	6.443661377	2.864778345
ENSMUSG00000100893	8.489422215	4.869320706	7.061510478	11.27640741	10.7429188
ENSMUSG00000100894	7.781970364	6.260555194	5.649208382	8.054576721	4.297167518
ENSMUSG00000100895	6.367066661	10.43425866	11.29841676	8.054576721	7.161945863
ENSMUSG00000100896	7.781970364	8.347406925	9.179963621	3.221830688	1.432389173
ENSMUSG00000100897	3.537259256	9.738641413	7.061510478	4.02728836	2.864778345
ENSMUSG00000100898	9.196874066	5.56493795	3.530755239	3.221830688	5.729556691
ENSMUSG00000100899	2.829807405	6.260555194	12.00456781	2.416373016	4.297167518
ENSMUSG00000100900	4.952162959	5.56493795	9.179963621	3.221830688	3.580972932
ENSMUSG00000100901	15.56394073	41.04141738	33.89525029	12.08186508	28.64778345
ENSMUSG00000100903	6.367066661	9.043024169	6.35535943	5.638203705	7.161945863
ENSMUSG00000100904	6.367066661	6.260555194	12.00456781	4.02728836	5.013362104
ENSMUSG00000100905	7.074518513	3.478086219	7.061510478	3.221830688	5.729556691
ENSMUSG00000100906	7.781970364	4.869320706	6.35535943	4.832746033	2.148583759
ENSMUSG00000100907	4.244711108	4.173703463	7.767661525	3.221830688	2.864778345
ENSMUSG00000100908	4.244711108	6.956172438	7.061510478	8.054576721	7.87814045
ENSMUSG00000100909	0	0	0	0	0
ENSMUSG00000100910	11.31922962	9.043024169	8.473812573	4.832746033	7.161945863
ENSMUSG00000100911	6.367066661	4.869320706	4.943057334	7.249119049	5.729556691
ENSMUSG00000100912	9.904325918	5.56493795	6.35535943	8.860034393	9.310529622
ENSMUSG00000100913	9.904325918	9.738641413	7.061510478	4.02728836	5.729556691
ENSMUSG00000100914	5.65961481	4.869320706	4.943057334	7.249119049	5.013362104
ENSMUSG00000100915	4.244711108	7.651789682	4.943057334	4.832746033	5.013362104
ENSMUSG00000100917	7.074518513	9.043024169	10.59226572	7.249119049	5.729556691
ENSMUSG00000100918	4.952162959	11.1298759	8.473812573	5.638203705	5.729556691
ENSMUSG00000100919	2.122355554	1.391234488	2.824604191	3.221830688	5.729556691
ENSMUSG00000100920	11.31922962	4.869320706	11.29841676	8.054576721	2.864778345
ENSMUSG00000100922	12.73413332	6.260555194	16.2414741	7.249119049	10.7429188
ENSMUSG00000100923	10.61177777	5.56493795	6.35535943	10.47094974	9.310529622
ENSMUSG00000100924	13.44158517	24.34660353	18.35992724	19.33098413	23.63442135
ENSMUSG00000100925	4.952162959	4.869320706	7.061510478	3.221830688	3.580972932
ENSMUSG00000100926	8.489422215	13.21672763	7.061510478	7.249119049	5.013362104
ENSMUSG00000100927	45.98437033	64.69240367	69.90895373	64.43661377	62.30892901
ENSMUSG00000100928	4.952162959	4.173703463	5.649208382	2.416373016	3.580972932

ENSMUSG00000100929	6.367066661	9.043024169	9.886114669	8.054576721	6.445751277
ENSMUSG00000100930	5.65961481	1.391234488	6.35535943	2.416373016	2.864778345
ENSMUSG00000100931	7.074518513	9.738641413	15.53532305	8.054576721	7.87814045
ENSMUSG00000100932	4.952162959	5.56493795	2.118453143	3.221830688	4.297167518
ENSMUSG00000100933	7.074518513	6.260555194	7.061510478	2.416373016	0
ENSMUSG00000100934	10.61177777	9.738641413	5.649208382	6.443661377	6.445751277
ENSMUSG00000100935	7.781970364	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000100936	7.074518513	11.82549314	4.943057334	4.832746033	3.580972932
ENSMUSG00000100938	9.904325918	4.173703463	3.530755239	3.221830688	1.432389173
ENSMUSG00000100940	9.196874066	7.651789682	7.767661525	4.832746033	10.7429188
ENSMUSG00000100941	0	0	0	0	0
ENSMUSG00000100942	4.244711108	4.173703463	2.824604191	3.221830688	2.864778345
ENSMUSG00000100943	8.489422215	9.738641413	12.71071886	4.02728836	7.87814045
ENSMUSG00000100944	7.074518513	9.738641413	7.767661525	7.249119049	7.161945863
ENSMUSG00000100945	12.02668147	11.82549314	11.29841676	10.47094974	7.87814045
ENSMUSG00000100946	4.952162959	8.347406925	2.118453143	5.638203705	1.432389173
ENSMUSG00000100947	6.367066661	2.782468975	8.473812573	4.832746033	7.161945863
ENSMUSG00000100948	4.952162959	6.956172438	7.061510478	1.610915344	7.87814045
ENSMUSG00000100949	9.196874066	9.043024169	5.649208382	4.02728836	7.87814045
ENSMUSG00000100950	9.904325918	6.260555194	12.00456781	6.443661377	7.161945863
ENSMUSG00000100951	9.904325918	7.651789682	6.35535943	2.416373016	4.297167518
ENSMUSG00000100952	5.65961481	4.869320706	7.061510478	2.416373016	6.445751277
ENSMUSG00000100953	5.65961481	3.478086219	7.061510478	4.832746033	6.445751277
ENSMUSG00000100954	22.63845924	18.08604834	14.829172	44.30017197	27.93158887
ENSMUSG00000100955	9.196874066	7.651789682	7.767661525	6.443661377	5.013362104
ENSMUSG00000100956	4.244711108	3.478086219	5.649208382	1.610915344	5.729556691
ENSMUSG00000100957	7.781970364	4.173703463	4.943057334	3.221830688	5.729556691
ENSMUSG00000100958	7.074518513	3.478086219	5.649208382	4.832746033	3.580972932
ENSMUSG00000100959	29.0055259	41.04141738	38.13215658	32.21830688	37.95831308
ENSMUSG00000100960	10.61177777	10.43425866	8.473812573	5.638203705	6.445751277
ENSMUSG00000100961	9.196874066	1.391234488	6.35535943	4.02728836	2.864778345
ENSMUSG00000100962	9.196874066	10.43425866	6.35535943	8.054576721	5.013362104
ENSMUSG00000100964	9.904325918	2.782468975	7.061510478	5.638203705	4.297167518
ENSMUSG00000100965	9.196874066	8.347406925	4.236906287	2.416373016	10.02672421
ENSMUSG00000100966	7.074518513	7.651789682	7.061510478	7.249119049	5.013362104
ENSMUSG00000100968	7.781970364	4.869320706	4.236906287	4.02728836	4.297167518
ENSMUSG00000100969	13.44158517	4.869320706	7.767661525	11.27640741	10.7429188
ENSMUSG00000100970	7.781970364	1.391234488	8.473812573	1.610915344	6.445751277
ENSMUSG00000100971	3.537259256	4.869320706	2.118453143	3.221830688	2.864778345
ENSMUSG00000100973	5.65961481	4.869320706	2.824604191	2.416373016	6.445751277
ENSMUSG00000100974	4.952162959	7.651789682	6.35535943	4.832746033	4.297167518
ENSMUSG00000100975	9.904325918	7.651789682	5.649208382	6.443661377	3.580972932
ENSMUSG00000100976	11.31922962	6.260555194	3.530755239	1.610915344	7.161945863

ENSMUSG00000100977	9.904325918	7.651789682	9.179963621	8.054576721	8.594335036
ENSMUSG00000100978	9.904325918	7.651789682	5.649208382	4.832746033	6.445751277
ENSMUSG00000100979	9.196874066	2.782468975	8.473812573	5.638203705	5.729556691
ENSMUSG00000100980	7.781970364	4.173703463	6.35535943	7.249119049	9.310529622
ENSMUSG00000100981	5.65961481	9.738641413	20.47838039	8.054576721	5.729556691
ENSMUSG00000100982	9.904325918	5.56493795	7.061510478	0.805457672	5.013362104
ENSMUSG00000100983	5.65961481	6.956172438	9.179963621	1.610915344	3.580972932
ENSMUSG00000100984	5.65961481	3.478086219	5.649208382	3.221830688	3.580972932
ENSMUSG00000100985	23.34591109	25.04222078	15.53532305	18.52552646	15.7562809
ENSMUSG00000100986	7.781970364	7.651789682	6.35535943	5.638203705	2.864778345
ENSMUSG00000100987	6.367066661	4.869320706	4.943057334	10.47094974	6.445751277
ENSMUSG00000100988	6.367066661	4.173703463	6.35535943	3.221830688	2.864778345
ENSMUSG00000100989	11.31922962	6.956172438	4.943057334	3.221830688	3.580972932
ENSMUSG00000100990	10.61177777	9.738641413	9.886114669	6.443661377	11.45911338
ENSMUSG00000100991	5.65961481	3.478086219	6.35535943	4.02728836	3.580972932
ENSMUSG00000100992	0	0	0	0	0
ENSMUSG00000100993	8.489422215	5.56493795	6.35535943	2.416373016	2.148583759
ENSMUSG00000100994	4.952162959	6.260555194	6.35535943	4.832746033	5.013362104
ENSMUSG00000100995	4.244711108	4.869320706	7.061510478	3.221830688	2.864778345
ENSMUSG00000100996	7.781970364	9.043024169	5.649208382	3.221830688	3.580972932
ENSMUSG00000100997	14.14903703	6.260555194	5.649208382	8.054576721	7.87814045
ENSMUSG00000100998	4.952162959	5.56493795	4.943057334	8.860034393	6.445751277
ENSMUSG00000100999	7.074518513	7.651789682	9.886114669	3.221830688	5.013362104
ENSMUSG00000101000	9.904325918	5.56493795	9.179963621	4.02728836	7.161945863
ENSMUSG00000101001	7.781970364	4.869320706	4.943057334	3.221830688	7.161945863
ENSMUSG00000101002	6.367066661	4.173703463	2.824604191	0.805457672	5.729556691
ENSMUSG00000101003	6.367066661	7.651789682	7.767661525	5.638203705	5.013362104
ENSMUSG00000101004	9.904325918	7.651789682	7.767661525	7.249119049	5.013362104
ENSMUSG00000101005	7.074518513	2.086851731	8.473812573	4.02728836	4.297167518
ENSMUSG00000101006	12.02668147	13.21672763	4.943057334	5.638203705	7.161945863
ENSMUSG00000101007	1.414903703	0	3.530755239	1.610915344	1.432389173
ENSMUSG00000101008	4.952162959	7.651789682	8.473812573	7.249119049	2.864778345
ENSMUSG00000101009	7.781970364	8.347406925	4.236906287	4.02728836	4.297167518
ENSMUSG00000101010	0	0	0	0	0
ENSMUSG00000101011	9.904325918	9.738641413	7.061510478	6.443661377	5.729556691
ENSMUSG00000101012	13.44158517	6.260555194	8.473812573	4.832746033	5.013362104
ENSMUSG00000101013	194.5492591	235.1186284	209.7268612	332.6540186	246.3709377
ENSMUSG00000101014	7.781970364	8.347406925	7.061510478	6.443661377	6.445751277
ENSMUSG00000101015	9.196874066	4.869320706	7.061510478	1.610915344	6.445751277
ENSMUSG00000101016	4.244711108	2.782468975	9.179963621	2.416373016	3.580972932
ENSMUSG00000101017	4.952162959	6.260555194	3.530755239	2.416373016	7.161945863
ENSMUSG00000101018	2.829807405	4.869320706	5.649208382	3.221830688	9.310529622
ENSMUSG00000101019	9.196874066	6.260555194	6.35535943	0.805457672	1.432389173



ENSMUSG00000101020	2.122355554	3.478086219	4.943057334	1.610915344	2.148583759
ENSMUSG00000101021	3.537259256	8.347406925	10.59226572	2.416373016	2.864778345
ENSMUSG00000101022	7.074518513	6.260555194	4.236906287	3.221830688	0.716194586
ENSMUSG00000101023	7.781970364	7.651789682	12.71071886	4.832746033	7.161945863
ENSMUSG00000101024	43.86201478	52.17129328	54.37363068	35.44013757	35.80972932
ENSMUSG00000101025	6.367066661	6.260555194	3.530755239	7.249119049	7.87814045
ENSMUSG00000101027	8.489422215	7.651789682	5.649208382	2.416373016	5.729556691
ENSMUSG00000101028	7.074518513	8.347406925	8.473812573	4.02728836	6.445751277
ENSMUSG00000101029	77.81970364	148.8620902	139.1117564	161.0915344	135.3607768
ENSMUSG00000101030	3.537259256	3.478086219	2.824604191	1.610915344	2.148583759
ENSMUSG00000101031	6.367066661	7.651789682	8.473812573	8.054576721	7.87814045
ENSMUSG00000101032	7.074518513	4.869320706	3.530755239	4.02728836	3.580972932
ENSMUSG00000101033	8.489422215	12.52111039	7.061510478	7.249119049	8.594335036
ENSMUSG00000101034	9.196874066	4.173703463	9.179963621	4.832746033	3.580972932
ENSMUSG00000101035	20.51610369	5.56493795	10.59226572	7.249119049	9.310529622
ENSMUSG00000101036	4.244711108	2.086851731	4.943057334	1.610915344	2.148583759
ENSMUSG00000101037	91.96874066	114.7768452	104.5103551	178.0061455	145.387501
ENSMUSG00000101038	5.65961481	2.086851731	9.179963621	5.638203705	2.148583759
ENSMUSG00000101039	7.781970364	6.260555194	10.59226572	4.832746033	7.87814045
ENSMUSG00000101040	8.489422215	4.173703463	6.35535943	2.416373016	6.445751277
ENSMUSG00000101041	7.781970364	4.869320706	2.118453143	3.221830688	5.729556691
ENSMUSG00000101042	14.85648888	4.869320706	10.59226572	8.860034393	4.297167518
ENSMUSG00000101043	8.489422215	4.173703463	4.236906287	3.221830688	3.580972932
ENSMUSG00000101044	4.244711108	4.173703463	4.943057334	3.221830688	2.148583759
ENSMUSG00000101045	7.074518513	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000101046	8.489422215	5.56493795	6.35535943	8.054576721	7.161945863
ENSMUSG00000101047	0	0	0	0	0
ENSMUSG00000101048	6.367066661	7.651789682	5.649208382	4.832746033	5.013362104
ENSMUSG00000101049	8.489422215	6.956172438	9.179963621	3.221830688	10.02672421
ENSMUSG00000101050	5.65961481	2.782468975	2.824604191	2.416373016	3.580972932
ENSMUSG00000101051	5.65961481	4.869320706	7.061510478	5.638203705	4.297167518
ENSMUSG00000101052	7.781970364	2.782468975	2.824604191	4.832746033	6.445751277
ENSMUSG00000101054	5.65961481	9.738641413	9.179963621	4.02728836	4.297167518
ENSMUSG00000101055	2.829807405	2.086851731	4.943057334	3.221830688	3.580972932
ENSMUSG00000101056	4.952162959	4.869320706	8.473812573	3.221830688	4.297167518
ENSMUSG00000101057	3.537259256	2.086851731	9.179963621	1.610915344	4.297167518
ENSMUSG00000101058	2.829807405	4.173703463	6.35535943	2.416373016	5.729556691
ENSMUSG00000101059	18.39374813	36.86771392	25.42143772	47.52200265	40.10689684
ENSMUSG00000101060	5.65961481	2.782468975	8.473812573	1.610915344	5.013362104
ENSMUSG00000101061	15.56394073	18.08604834	17.65377619	14.4982381	16.47247549
ENSMUSG00000101062	11.31922962	6.260555194	9.179963621	8.054576721	3.580972932
ENSMUSG00000101063	11.31922962	7.651789682	7.061510478	6.443661377	7.161945863
ENSMUSG00000101064	4.244711108	3.478086219	0.706151048	2.416373016	3.580972932

ENSMUSG00000101065	10.61177777	6.260555194	7.767661525	4.832746033	7.87814045
ENSMUSG00000101066	7.074518513	7.651789682	9.886114669	6.443661377	7.87814045
ENSMUSG00000101067	11.31922962	6.260555194	6.35535943	7.249119049	5.013362104
ENSMUSG00000101068	7.074518513	4.869320706	4.943057334	0	2.148583759
ENSMUSG00000101069	8.489422215	6.956172438	2.118453143	3.221830688	2.148583759
ENSMUSG00000101070	4.952162959	4.869320706	4.943057334	4.02728836	4.297167518
ENSMUSG00000101071	7.781970364	6.260555194	3.530755239	2.416373016	3.580972932
ENSMUSG00000101072	4.952162959	5.56493795	4.943057334	3.221830688	2.864778345
ENSMUSG00000101073	12.02668147	6.260555194	9.179963621	5.638203705	5.729556691
ENSMUSG00000101074	11.31922962	3.478086219	6.35535943	4.02728836	2.148583759
ENSMUSG00000101075	12.02668147	6.956172438	5.649208382	5.638203705	5.729556691
ENSMUSG00000101076	7.781970364	4.869320706	5.649208382	3.221830688	2.148583759
ENSMUSG00000101077	14.14903703	9.043024169	11.29841676	5.638203705	2.864778345
ENSMUSG00000101078	9.904325918	6.956172438	7.767661525	4.832746033	6.445751277
ENSMUSG00000101079	8.489422215	4.869320706	7.767661525	6.443661377	7.87814045
ENSMUSG00000101080	9.904325918	3.478086219	4.943057334	4.832746033	0.716194586
ENSMUSG00000101081	7.074518513	2.086851731	7.767661525	4.02728836	3.580972932
ENSMUSG00000101082	4.952162959	4.869320706	9.886114669	6.443661377	6.445751277
ENSMUSG00000101083	9.196874066	5.56493795	4.236906287	1.610915344	1.432389173
ENSMUSG00000101084	10.61177777	7.651789682	8.473812573	7.249119049	7.161945863
ENSMUSG00000101085	10.61177777	6.956172438	7.767661525	8.054576721	9.310529622
ENSMUSG00000101086	8.489422215	0.695617244	5.649208382	7.249119049	12.17530797
ENSMUSG00000101087	13.44158517	9.043024169	5.649208382	7.249119049	7.87814045
ENSMUSG00000101088	8.489422215	9.738641413	3.530755239	7.249119049	4.297167518
ENSMUSG00000101089	10.61177777	4.869320706	3.530755239	4.832746033	7.161945863
ENSMUSG00000101090	3.537259256	6.956172438	2.824604191	5.638203705	2.864778345
ENSMUSG00000101091	5.65961481	4.173703463	4.236906287	3.221830688	5.729556691
ENSMUSG00000101092	7.781970364	1.391234488	9.179963621	4.02728836	4.297167518
ENSMUSG00000101093	9.904325918	7.651789682	4.943057334	4.02728836	9.310529622
ENSMUSG00000101094	5.65961481	6.260555194	6.35535943	1.610915344	5.013362104
ENSMUSG00000101095	5.65961481	5.56493795	4.236906287	6.443661377	7.161945863
ENSMUSG00000101096	11.31922962	4.869320706	1.412302096	4.02728836	5.013362104
ENSMUSG00000101097	11.31922962	7.651789682	6.35535943	6.443661377	7.87814045
ENSMUSG00000101098	9.196874066	4.869320706	5.649208382	1.610915344	4.297167518
ENSMUSG00000101099	5.65961481	6.956172438	4.943057334	4.832746033	3.580972932
ENSMUSG00000101100	4.244711108	4.173703463	5.649208382	4.02728836	5.013362104
ENSMUSG00000101101	12.73413332	9.043024169	9.886114669	7.249119049	4.297167518
ENSMUSG00000101102	85.601674	107.1250555	101.6857509	45.91108731	52.99839939
ENSMUSG00000101103	5.65961481	7.651789682	7.767661525	2.416373016	5.729556691
ENSMUSG00000101104	10.61177777	5.56493795	7.767661525	8.054576721	11.45911338
ENSMUSG00000101105	9.196874066	7.651789682	7.767661525	4.02728836	5.013362104
ENSMUSG00000101106	6.367066661	3.478086219	4.943057334	6.443661377	1.432389173
ENSMUSG00000101107	1.414903703	4.869320706	3.530755239	4.02728836	2.864778345

ENSMUSG00000101108	6.367066661	3.478086219	3.530755239	1.610915344	3.580972932
ENSMUSG00000101109	4.244711108	4.869320706	6.35535943	5.638203705	4.297167518
ENSMUSG00000101110	5.65961481	4.173703463	5.649208382	4.02728836	4.297167518
ENSMUSG00000101111	0	0	0	0	0
ENSMUSG00000101112	9.904325918	6.956172438	7.061510478	4.832746033	6.445751277
ENSMUSG00000101114	1.414903703	2.782468975	0.706151048	3.221830688	0
ENSMUSG00000101115	4.952162959	6.260555194	9.179963621	4.832746033	3.580972932
ENSMUSG00000101116	5.65961481	6.956172438	7.061510478	8.860034393	11.45911338
ENSMUSG00000101117	7.074518513	7.651789682	12.71071886	6.443661377	6.445751277
ENSMUSG00000101118	4.244711108	2.782468975	4.236906287	3.221830688	2.864778345
ENSMUSG00000101119	4.244711108	6.956172438	6.35535943	0.805457672	1.432389173
ENSMUSG00000101120	4.244711108	3.478086219	4.943057334	3.221830688	5.013362104
ENSMUSG00000101121	15.56394073	13.21672763	12.00456781	4.832746033	11.45911338
ENSMUSG00000101122	15.56394073	20.86851731	25.42143772	14.4982381	15.04008631
ENSMUSG00000101123	3.537259256	4.173703463	6.35535943	2.416373016	3.580972932
ENSMUSG00000101124	4.244711108	6.956172438	7.061510478	1.610915344	1.432389173
ENSMUSG00000101125	4.952162959	6.956172438	6.35535943	2.416373016	2.864778345
ENSMUSG00000101126	9.196874066	2.086851731	7.061510478	7.249119049	5.013362104
ENSMUSG00000101127	2.829807405	6.956172438	4.236906287	1.610915344	2.148583759
ENSMUSG00000101128	6.367066661	9.043024169	6.35535943	6.443661377	4.297167518
ENSMUSG00000101129	4.952162959	4.173703463	7.767661525	8.054576721	5.729556691
ENSMUSG00000101130	7.781970364	9.043024169	10.59226572	4.02728836	6.445751277
ENSMUSG00000101131	5.65961481	4.173703463	2.824604191	6.443661377	6.445751277
ENSMUSG00000101132	12.73413332	17.39043109	12.00456781	27.38556085	23.63442135
ENSMUSG00000101133	8.489422215	5.56493795	9.179963621	4.832746033	10.02672421
ENSMUSG00000101134	6.367066661	5.56493795	7.061510478	1.610915344	4.297167518
ENSMUSG00000101135	14.85648888	15.99919661	10.59226572	23.35827249	14.32389173
ENSMUSG00000101136	7.074518513	13.21672763	7.767661525	5.638203705	8.594335036
ENSMUSG00000101137	7.074518513	7.651789682	6.35535943	2.416373016	10.02672421
ENSMUSG00000101138	8.489422215	4.869320706	5.649208382	4.832746033	8.594335036
ENSMUSG00000101139	6.367066661	4.869320706	8.473812573	2.416373016	2.148583759
ENSMUSG00000101140	4.952162959	7.651789682	4.943057334	2.416373016	5.729556691
ENSMUSG00000101141	8.489422215	10.43425866	12.00456781	4.832746033	2.148583759
ENSMUSG00000101142	5.65961481	2.782468975	3.530755239	3.221830688	2.864778345
ENSMUSG00000101143	6.367066661	4.173703463	4.943057334	4.832746033	6.445751277
ENSMUSG00000101144	7.781970364	5.56493795	8.473812573	72.49119049	57.29556691
ENSMUSG00000101145	4.244711108	0.695617244	1.412302096	0.805457672	6.445751277
ENSMUSG00000101147	6.367066661	8.347406925	2.118453143	3.221830688	3.580972932
ENSMUSG00000101148	7.074518513	8.347406925	4.236906287	4.02728836	5.013362104
ENSMUSG00000101149	6.367066661	4.173703463	4.943057334	4.832746033	7.87814045
ENSMUSG00000101150	4.952162959	4.869320706	7.061510478	3.221830688	4.297167518
ENSMUSG00000101151	11.31922962	6.956172438	4.236906287	8.054576721	7.87814045
ENSMUSG00000101152	7.074518513	8.347406925	7.767661525	4.832746033	7.161945863

ENSMUSG00000101153	12.73413332	7.651789682	7.061510478	5.638203705	5.013362104
ENSMUSG00000101154	7.781970364	6.956172438	12.71071886	4.02728836	5.013362104
ENSMUSG00000101156	9.904325918	9.043024169	5.649208382	4.02728836	5.729556691
ENSMUSG00000101159	13.44158517	8.347406925	5.649208382	4.832746033	7.87814045
ENSMUSG00000101160	5.65961481	4.869320706	7.061510478	1.610915344	5.013362104
ENSMUSG00000101161	7.781970364	4.869320706	5.649208382	5.638203705	2.148583759
ENSMUSG00000101162	24.05336294	28.52030699	21.89068248	16.91461111	17.18867007
ENSMUSG00000101163	2.122355554	0.695617244	4.236906287	0.805457672	1.432389173
ENSMUSG00000101164	7.074518513	6.260555194	4.943057334	3.221830688	3.580972932
ENSMUSG00000101166	0	0	0	0	0
ENSMUSG00000101167	0	0	0	0	0.716194586
ENSMUSG00000101168	7.074518513	5.56493795	4.236906287	5.638203705	9.310529622
ENSMUSG00000101169	3.537259256	0.695617244	2.118453143	2.416373016	3.580972932
ENSMUSG00000101170	9.904325918	6.260555194	7.767661525	4.832746033	7.161945863
ENSMUSG00000101171	10.61177777	10.43425866	9.179963621	12.88732275	10.7429188
ENSMUSG00000101172	16.97884443	38.25894841	21.89068248	35.44013757	43.68786977
ENSMUSG00000101173	9.196874066	4.869320706	2.824604191	0	2.148583759
ENSMUSG00000101175	10.61177777	9.043024169	9.886114669	7.249119049	10.02672421
ENSMUSG00000101176	3.537259256	10.43425866	10.59226572	6.443661377	8.594335036
ENSMUSG00000101177	7.074518513	4.869320706	7.767661525	4.02728836	3.580972932
ENSMUSG00000101178	7.074518513	8.347406925	4.943057334	6.443661377	2.148583759
ENSMUSG00000101179	7.781970364	9.043024169	7.061510478	4.832746033	7.87814045
ENSMUSG00000101180	9.196874066	13.21672763	5.649208382	4.832746033	4.297167518
ENSMUSG00000101181	0.707451851	3.478086219	2.118453143	0.805457672	2.148583759
ENSMUSG00000101182	7.074518513	2.782468975	6.35535943	5.638203705	3.580972932
ENSMUSG00000101183	14.14903703	4.869320706	6.35535943	7.249119049	2.148583759
ENSMUSG00000101184	7.781970364	4.869320706	3.530755239	0.805457672	4.297167518
ENSMUSG00000101185	9.904325918	7.651789682	5.649208382	8.054576721	7.87814045
ENSMUSG00000101186	7.781970364	6.956172438	11.29841676	1.610915344	2.148583759
ENSMUSG00000101187	9.196874066	6.956172438	9.886114669	7.249119049	7.87814045
ENSMUSG00000101188	0	0	0	0	0
ENSMUSG00000101189	9.196874066	4.869320706	5.649208382	6.443661377	4.297167518
ENSMUSG00000101190	4.952162959	3.478086219	3.530755239	3.221830688	7.161945863
ENSMUSG00000101191	17.68629628	27.12907251	21.18453143	25.77464551	22.91822676
ENSMUSG00000101192	4.952162959	2.086851731	4.943057334	3.221830688	3.580972932
ENSMUSG00000101193	2.829807405	4.173703463	5.649208382	4.02728836	5.013362104
ENSMUSG00000101194	3.537259256	4.869320706	3.530755239	3.221830688	2.864778345
ENSMUSG00000101195	7.781970364	10.43425866	4.236906287	5.638203705	5.013362104
ENSMUSG00000101196	7.781970364	6.260555194	4.943057334	3.221830688	7.87814045
ENSMUSG00000101197	4.952162959	3.478086219	4.236906287	3.221830688	6.445751277
ENSMUSG00000101198	7.781970364	4.173703463	3.530755239	3.221830688	3.580972932
ENSMUSG00000101199	9.904325918	4.869320706	4.236906287	11.27640741	2.864778345
ENSMUSG00000101200	8.489422215	4.869320706	4.236906287	5.638203705	0.716194586

ENSMUSG00000101201	4.952162959	3.478086219	6.35535943	3.221830688	3.580972932
ENSMUSG00000101202	7.074518513	9.043024169	7.767661525	2.416373016	5.729556691
ENSMUSG00000101203	4.244711108	4.869320706	4.236906287	1.610915344	4.297167518
ENSMUSG00000101204	3.537259256	4.869320706	6.35535943	4.02728836	5.013362104
ENSMUSG00000101205	4.244711108	7.651789682	3.530755239	1.610915344	5.013362104
ENSMUSG00000101206	12.02668147	8.347406925	7.767661525	5.638203705	7.87814045
ENSMUSG00000101207	8.489422215	2.782468975	4.236906287	1.610915344	6.445751277
ENSMUSG00000101208	7.781970364	6.260555194	2.824604191	7.249119049	7.161945863
ENSMUSG00000101209	12.02668147	8.347406925	4.236906287	8.860034393	7.87814045
ENSMUSG00000101210	5.65961481	9.738641413	12.71071886	9.665492065	5.729556691
ENSMUSG00000101211	8.489422215	6.956172438	11.29841676	6.443661377	7.161945863
ENSMUSG00000101212	4.244711108	6.260555194	2.824604191	0.805457672	4.297167518
ENSMUSG00000101213	11.31922962	6.956172438	4.236906287	4.02728836	5.013362104
ENSMUSG00000101214	8.489422215	9.043024169	7.767661525	4.832746033	7.161945863
ENSMUSG00000101215	4.952162959	5.56493795	1.412302096	2.416373016	5.013362104
ENSMUSG00000101216	6.367066661	2.782468975	9.179963621	3.221830688	4.297167518
ENSMUSG00000101217	7.074518513	9.043024169	4.236906287	8.054576721	6.445751277
ENSMUSG00000101218	12.02668147	4.869320706	3.530755239	0.805457672	5.013362104
ENSMUSG00000101219	0	0.695617244	0	0	0
ENSMUSG00000101220	12.73413332	5.56493795	4.236906287	4.02728836	6.445751277
ENSMUSG00000101221	8.489422215	6.260555194	4.236906287	6.443661377	3.580972932
ENSMUSG00000101222	6.367066661	6.260555194	7.061510478	1.610915344	0.716194586
ENSMUSG00000101223	9.904325918	17.39043109	9.886114669	6.443661377	12.89150255
ENSMUSG00000101224	7.781970364	10.43425866	10.59226572	5.638203705	7.161945863
ENSMUSG00000101225	36.78749627	54.95376226	62.1412922	215.0571984	179.0486466
ENSMUSG00000101226	14.85648888	6.260555194	12.71071886	7.249119049	6.445751277
ENSMUSG00000101227	8.489422215	3.478086219	6.35535943	8.054576721	5.729556691
ENSMUSG00000101228	7.781970364	6.260555194	9.179963621	6.443661377	5.729556691
ENSMUSG00000101229	5.65961481	6.956172438	6.35535943	1.610915344	2.148583759
ENSMUSG00000101230	6.367066661	11.1298759	2.824604191	2.416373016	2.148583759
ENSMUSG00000101231	6.367066661	6.956172438	7.767661525	5.638203705	4.297167518
ENSMUSG00000101233	6.367066661	4.173703463	3.530755239	3.221830688	5.013362104
ENSMUSG00000101234	12.73413332	11.82549314	16.2414741	17.72006879	10.02672421
ENSMUSG00000101235	3.537259256	6.260555194	5.649208382	5.638203705	3.580972932
ENSMUSG00000101236	14.85648888	9.738641413	7.767661525	6.443661377	9.310529622
ENSMUSG00000101237	5.65961481	10.43425866	8.473812573	6.443661377	2.148583759
ENSMUSG00000101238	7.074518513	4.869320706	4.236906287	4.832746033	4.297167518
ENSMUSG00000101239	6.367066661	1.391234488	4.943057334	4.02728836	2.864778345
ENSMUSG00000101240	8.489422215	8.347406925	8.473812573	13.69278043	5.729556691
ENSMUSG00000101241	2.829807405	5.56493795	5.649208382	2.416373016	2.148583759
ENSMUSG00000101242	12.73413332	4.173703463	7.767661525	8.054576721	4.297167518
ENSMUSG00000101244	4.244711108	5.56493795	7.767661525	4.02728836	1.432389173
ENSMUSG00000101245	6.367066661	5.56493795	4.943057334	2.416373016	5.013362104

ENSMUSG00000101246	6.367066661	6.956172438	7.767661525	4.832746033	3.580972932
ENSMUSG00000101247	11.31922962	4.173703463	4.236906287	7.249119049	2.148583759
ENSMUSG00000101248	9.904325918	6.956172438	5.649208382	6.443661377	7.161945863
ENSMUSG00000101249	2.122355554	1.391234488	0	1.610915344	0.716194586
ENSMUSG00000101250	9.196874066	5.56493795	7.061510478	4.832746033	8.594335036
ENSMUSG00000101251	7.074518513	9.738641413	9.179963621	4.832746033	1.432389173
ENSMUSG00000101252	9.904325918	9.043024169	9.179963621	8.054576721	11.45911338
ENSMUSG00000101253	7.781970364	6.956172438	9.179963621	4.02728836	2.864778345
ENSMUSG00000101254	7.074518513	3.478086219	5.649208382	6.443661377	4.297167518
ENSMUSG00000101255	4.952162959	2.782468975	5.649208382	4.832746033	4.297167518
ENSMUSG00000101256	8.489422215	3.478086219	4.943057334	3.221830688	3.580972932
ENSMUSG00000101257	9.196874066	8.347406925	7.061510478	10.47094974	10.7429188
ENSMUSG00000101258	31.12788146	42.43265187	32.4829482	91.82217462	82.36237743
ENSMUSG00000101259	4.244711108	5.56493795	4.236906287	5.638203705	4.297167518
ENSMUSG00000101260	7.781970364	5.56493795	9.886114669	4.832746033	5.013362104
ENSMUSG00000101261	7.781970364	6.260555194	11.29841676	11.27640741	7.161945863
ENSMUSG00000101262	8.489422215	6.260555194	4.943057334	7.249119049	7.87814045
ENSMUSG00000101263	7.781970364	6.260555194	5.649208382	4.02728836	3.580972932
ENSMUSG00000101264	4.952162959	4.173703463	9.886114669	10.47094974	10.7429188
ENSMUSG00000101265	13.44158517	3.478086219	7.061510478	9.665492065	5.013362104
ENSMUSG00000101266	8.489422215	4.869320706	10.59226572	3.221830688	7.87814045
ENSMUSG00000101267	7.074518513	4.173703463	3.530755239	0.805457672	7.161945863
ENSMUSG00000101268	9.904325918	6.260555194	5.649208382	4.832746033	8.594335036
ENSMUSG00000101269	10.61177777	6.956172438	2.824604191	8.054576721	4.297167518
ENSMUSG00000101270	9.904325918	4.173703463	5.649208382	10.47094974	5.729556691
ENSMUSG00000101271	2.829807405	4.869320706	3.530755239	7.249119049	5.013362104
ENSMUSG00000101272	7.074518513	4.173703463	4.236906287	4.832746033	1.432389173
ENSMUSG00000101273	7.781970364	4.869320706	4.236906287	1.610915344	2.148583759
ENSMUSG00000101275	10.61177777	1.391234488	5.649208382	7.249119049	9.310529622
ENSMUSG00000101276	4.244711108	4.869320706	5.649208382	1.610915344	4.297167518
ENSMUSG00000101277	8.489422215	6.956172438	6.35535943	4.02728836	2.148583759
ENSMUSG00000101278	4.244711108	4.173703463	9.179963621	4.02728836	5.013362104
ENSMUSG00000101279	27.5906222	34.08524495	26.83373982	21.74735715	23.63442135
ENSMUSG00000101280	9.904325918	4.869320706	2.824604191	6.443661377	2.148583759
ENSMUSG00000101281	7.074518513	7.651789682	3.530755239	6.443661377	5.729556691
ENSMUSG00000101282	7.781970364	4.869320706	4.236906287	4.832746033	2.148583759
ENSMUSG00000101283	8.489422215	6.956172438	7.767661525	4.832746033	4.297167518
ENSMUSG00000101284	4.952162959	8.347406925	2.824604191	2.416373016	2.864778345
ENSMUSG00000101285	5.65961481	2.782468975	5.649208382	3.221830688	2.148583759
ENSMUSG00000101287	4.244711108	6.956172438	6.35535943	8.054576721	9.310529622
ENSMUSG00000101288	9.196874066	7.651789682	5.649208382	5.638203705	7.87814045
ENSMUSG00000101289	9.196874066	8.347406925	10.59226572	7.249119049	15.7562809
ENSMUSG00000101290	4.244711108	2.782468975	5.649208382	3.221830688	1.432389173

ENSMUSG00000101291	7.074518513	2.086851731	2.118453143	4.832746033	4.297167518
ENSMUSG00000101292	3.537259256	5.56493795	7.767661525	7.249119049	6.445751277
ENSMUSG00000101293	11.31922962	13.91234488	10.59226572	6.443661377	6.445751277
ENSMUSG00000101295	14.85648888	22.2597518	14.12302096	16.91461111	12.17530797
ENSMUSG00000101296	14.14903703	5.56493795	9.179963621	6.443661377	6.445751277
ENSMUSG00000101297	7.781970364	7.651789682	7.767661525	3.221830688	6.445751277
ENSMUSG00000101299	7.074518513	4.869320706	4.943057334	6.443661377	9.310529622
ENSMUSG00000101300	3.537259256	4.173703463	7.767661525	3.221830688	3.580972932
ENSMUSG00000101301	8.489422215	12.52111039	4.943057334	6.443661377	6.445751277
ENSMUSG00000101302	7.781970364	2.782468975	4.943057334	4.832746033	5.013362104
ENSMUSG00000101304	11.31922962	8.347406925	9.179963621	8.054576721	9.310529622
ENSMUSG00000101305	3.537259256	5.56493795	3.530755239	1.610915344	2.864778345
ENSMUSG00000101306	4.952162959	6.260555194	12.71071886	4.02728836	6.445751277
ENSMUSG00000101307	12.02668147	11.1298759	7.767661525	5.638203705	2.864778345
ENSMUSG00000101308	14.14903703	7.651789682	9.886114669	9.665492065	9.310529622
ENSMUSG00000101309	9.904325918	5.56493795	6.35535943	3.221830688	8.594335036
ENSMUSG00000101310	5.65961481	2.782468975	2.824604191	2.416373016	2.864778345
ENSMUSG00000101311	4.952162959	6.956172438	4.236906287	2.416373016	5.013362104
ENSMUSG00000101312	7.781970364	9.043024169	7.767661525	5.638203705	7.161945863
ENSMUSG00000101313	3.537259256	3.478086219	11.29841676	8.054576721	4.297167518
ENSMUSG00000101314	7.781970364	9.043024169	14.829172	5.638203705	4.297167518
ENSMUSG00000101316	0	0	0	0	0
ENSMUSG00000101317	6.367066661	6.260555194	6.35535943	0.805457672	5.729556691
ENSMUSG00000101318	5.65961481	6.260555194	8.473812573	4.02728836	4.297167518
ENSMUSG00000101319	4.952162959	3.478086219	8.473812573	5.638203705	5.729556691
ENSMUSG00000101320	111.0699406	134.9497453	133.462548	175.5897725	159.7113928
ENSMUSG00000101321	5.65961481	6.260555194	7.767661525	1.610915344	4.297167518
ENSMUSG00000101322	9.196874066	11.1298759	8.473812573	1.610915344	5.729556691
ENSMUSG00000101323	6.367066661	6.260555194	4.943057334	4.02728836	4.297167518
ENSMUSG00000101324	9.196874066	6.956172438	6.35535943	8.054576721	11.45911338
ENSMUSG00000101325	14.85648888	9.043024169	10.59226572	4.02728836	5.729556691
ENSMUSG00000101326	7.781970364	5.56493795	5.649208382	1.610915344	3.580972932
ENSMUSG00000101327	11.31922962	6.956172438	9.179963621	3.221830688	6.445751277
ENSMUSG00000101328	5.65961481	4.173703463	6.35535943	5.638203705	6.445751277
ENSMUSG00000101329	4.952162959	9.043024169	5.649208382	1.610915344	1.432389173
ENSMUSG00000101330	14.85648888	13.21672763	10.59226572	15.30369577	14.32389173
ENSMUSG00000101331	2.122355554	4.173703463	3.530755239	4.02728836	2.864778345
ENSMUSG00000101332	14.14903703	6.956172438	14.12302096	8.054576721	7.161945863
ENSMUSG00000101333	10.61177777	8.347406925	7.061510478	7.249119049	10.02672421
ENSMUSG00000101334	8.489422215	6.956172438	3.530755239	4.02728836	7.161945863
ENSMUSG00000101335	13.44158517	22.95536904	13.41686991	12.88732275	22.91822676
ENSMUSG00000101336	7.781970364	8.347406925	10.59226572	3.221830688	5.729556691
ENSMUSG00000101338	7.781970364	4.173703463	5.649208382	9.665492065	7.161945863

ENSMUSG00000101339	5.65961481	5.56493795	3.530755239	3.221830688	3.580972932
ENSMUSG00000101340	3.537259256	7.651789682	7.061510478	4.02728836	5.013362104
ENSMUSG00000101341	3.537259256	3.478086219	7.061510478	2.416373016	3.580972932
ENSMUSG00000101342	11.31922962	8.347406925	3.530755239	4.832746033	7.161945863
ENSMUSG00000101343	3.537259256	6.956172438	4.236906287	2.416373016	3.580972932
ENSMUSG00000101344	6.367066661	4.173703463	10.59226572	2.416373016	6.445751277
ENSMUSG00000101345	10.61177777	9.043024169	8.473812573	8.054576721	8.594335036
ENSMUSG00000101346	4.952162959	5.56493795	4.236906287	4.02728836	1.432389173
ENSMUSG00000101347	10.61177777	3.478086219	2.824604191	3.221830688	2.148583759
ENSMUSG00000101348	14.14903703	7.651789682	5.649208382	7.249119049	8.594335036
ENSMUSG00000101349	7.074518513	2.782468975	5.649208382	4.832746033	2.864778345
ENSMUSG00000101350	6.367066661	4.173703463	3.530755239	5.638203705	11.45911338
ENSMUSG00000101351	4.952162959	2.782468975	3.530755239	3.221830688	5.729556691
ENSMUSG00000101352	11.31922962	13.21672763	7.767661525	7.249119049	3.580972932
ENSMUSG00000101353	5.65961481	5.56493795	4.943057334	4.02728836	2.864778345
ENSMUSG00000101354	9.196874066	9.738641413	4.943057334	5.638203705	6.445751277
ENSMUSG00000101355	3.537259256	5.56493795	3.530755239	1.610915344	2.864778345
ENSMUSG00000101356	4.952162959	4.173703463	2.824604191	6.443661377	3.580972932
ENSMUSG00000101357	6.367066661	6.956172438	9.179963621	2.416373016	9.310529622
ENSMUSG00000101358	6.367066661	4.869320706	6.35535943	4.02728836	4.297167518
ENSMUSG00000101359	4.952162959	5.56493795	4.236906287	2.416373016	4.297167518
ENSMUSG00000101360	9.196874066	3.478086219	4.943057334	5.638203705	7.87814045
ENSMUSG00000101361	12.73413332	3.478086219	9.179963621	8.860034393	6.445751277
ENSMUSG00000101362	12.02668147	12.52111039	7.061510478	8.860034393	9.310529622
ENSMUSG00000101363	7.781970364	9.738641413	8.473812573	5.638203705	7.161945863
ENSMUSG00000101364	6.367066661	4.173703463	5.649208382	3.221830688	2.864778345
ENSMUSG00000101365	9.904325918	4.869320706	9.886114669	4.02728836	7.87814045
ENSMUSG00000101366	4.952162959	6.956172438	4.943057334	4.832746033	0.716194586
ENSMUSG00000101367	7.781970364	3.478086219	6.35535943	3.221830688	5.013362104
ENSMUSG00000101368	8.489422215	4.173703463	2.824604191	4.02728836	4.297167518
ENSMUSG00000101369	7.074518513	3.478086219	4.236906287	7.249119049	4.297167518
ENSMUSG00000101370	11.31922962	9.738641413	4.943057334	6.443661377	5.013362104
ENSMUSG00000101371	9.904325918	8.347406925	12.00456781	4.832746033	7.161945863
ENSMUSG00000101372	7.781970364	7.651789682	7.767661525	9.665492065	10.02672421
ENSMUSG00000101374	9.196874066	4.869320706	2.824604191	2.416373016	2.148583759
ENSMUSG00000101375	9.904325918	6.260555194	9.886114669	3.221830688	7.87814045
ENSMUSG00000101376	10.61177777	4.869320706	11.29841676	5.638203705	6.445751277
ENSMUSG00000101377	4.952162959	4.869320706	4.943057334	4.832746033	5.013362104
ENSMUSG00000101378	8.489422215	5.56493795	6.35535943	4.832746033	8.594335036
ENSMUSG00000101379	4.244711108	6.260555194	5.649208382	1.610915344	1.432389173
ENSMUSG00000101380	7.074518513	4.173703463	3.530755239	5.638203705	4.297167518
ENSMUSG00000101382	3.537259256	3.478086219	4.943057334	1.610915344	6.445751277
ENSMUSG00000101383	7.781970364	8.347406925	4.236906287	3.221830688	4.297167518



ENSMUSG00000101385	9.196874066	6.956172438	8.473812573	4.832746033	5.729556691
ENSMUSG00000101386	10.61177777	7.651789682	7.061510478	1.610915344	3.580972932
ENSMUSG00000101387	7.074518513	8.347406925	5.649208382	4.832746033	14.32389173
ENSMUSG00000101388	2.122355554	6.260555194	4.236906287	2.416373016	2.148583759
ENSMUSG00000101390	7.074518513	7.651789682	7.061510478	1.610915344	5.013362104
ENSMUSG00000101391	6.367066661	5.56493795	6.35535943	2.416373016	4.297167518
ENSMUSG00000101392	0	0	0	0	0
ENSMUSG00000101393	1.414903703	4.173703463	3.530755239	4.02728836	0.716194586
ENSMUSG00000101394	5.65961481	4.869320706	5.649208382	8.054576721	9.310529622
ENSMUSG00000101395	7.781970364	7.651789682	9.179963621	4.832746033	7.87814045
ENSMUSG00000101397	8.489422215	9.738641413	8.473812573	6.443661377	4.297167518
ENSMUSG00000101398	4.952162959	7.651789682	5.649208382	7.249119049	5.729556691
ENSMUSG00000101400	29.0055259	45.91073809	37.42600553	49.132918	45.83645353
ENSMUSG00000101401	9.904325918	8.347406925	6.35535943	7.249119049	6.445751277
ENSMUSG00000101402	4.952162959	4.869320706	7.767661525	2.416373016	6.445751277
ENSMUSG00000101403	2.829807405	4.869320706	5.649208382	4.832746033	3.580972932
ENSMUSG00000101404	10.61177777	6.260555194	8.473812573	8.054576721	7.87814045
ENSMUSG00000101405	5.65961481	2.782468975	9.179963621	4.02728836	4.297167518
ENSMUSG00000101406	5.65961481	6.956172438	3.530755239	8.054576721	5.013362104
ENSMUSG00000101407	10.61177777	4.173703463	5.649208382	1.610915344	7.87814045
ENSMUSG00000101408	7.074518513	5.56493795	4.943057334	4.02728836	7.87814045
ENSMUSG00000101409	8.489422215	6.956172438	9.886114669	4.832746033	4.297167518
ENSMUSG00000101410	10.61177777	6.260555194	9.179963621	3.221830688	5.013362104
ENSMUSG00000101411	8.489422215	4.869320706	8.473812573	2.416373016	5.729556691
ENSMUSG00000101412	5.65961481	6.260555194	6.35535943	3.221830688	4.297167518
ENSMUSG00000101413	7.074518513	7.651789682	6.35535943	8.860034393	9.310529622
ENSMUSG00000101414	15.56394073	4.869320706	8.473812573	7.249119049	7.87814045
ENSMUSG00000101416	5.65961481	9.738641413	6.35535943	5.638203705	7.161945863
ENSMUSG00000101417	5.65961481	2.086851731	3.530755239	1.610915344	2.864778345
ENSMUSG00000101418	4.244711108	2.086851731	4.943057334	3.221830688	4.297167518
ENSMUSG00000101419	10.61177777	9.738641413	8.473812573	7.249119049	6.445751277
ENSMUSG00000101420	7.074518513	2.782468975	4.943057334	2.416373016	4.297167518
ENSMUSG00000101421	7.074518513	6.956172438	7.061510478	2.416373016	5.013362104
ENSMUSG00000101422	4.952162959	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000101423	8.489422215	1.391234488	5.649208382	3.221830688	3.580972932
ENSMUSG00000101424	5.65961481	4.173703463	8.473812573	0.805457672	3.580972932
ENSMUSG00000101425	2.829807405	2.782468975	4.236906287	4.02728836	1.432389173
ENSMUSG00000101426	6.367066661	5.56493795	8.473812573	4.832746033	6.445751277
ENSMUSG00000101427	9.196874066	13.21672763	11.29841676	5.638203705	5.013362104
ENSMUSG00000101428	6.367066661	3.478086219	1.412302096	5.638203705	4.297167518
ENSMUSG00000101429	9.904325918	3.478086219	12.71071886	8.054576721	5.729556691
ENSMUSG00000101430	4.244711108	6.260555194	4.943057334	8.054576721	13.60769714
ENSMUSG00000101431	2.122355554	0	0	0	0

ENSMUSG00000101432	9.904325918	4.869320706	5.649208382	1.610915344	5.729556691
ENSMUSG00000101433	7.781970364	13.91234488	12.71071886	8.054576721	5.729556691
ENSMUSG00000101434	2.829807405	7.651789682	3.530755239	0.805457672	2.148583759
ENSMUSG00000101435	5.65961481	5.56493795	5.649208382	1.610915344	2.864778345
ENSMUSG00000101437	19.10119998	29.91154148	28.24604191	28.19101852	25.78300511
ENSMUSG00000101438	74.28244438	111.298759	94.6242404	290.7702196	232.7632406
ENSMUSG00000101439	16.97884443	23.65098629	17.65377619	33.02376456	24.35061594
ENSMUSG00000101440	9.904325918	4.869320706	3.530755239	1.610915344	5.729556691
ENSMUSG00000101441	7.781970364	5.56493795	6.35535943	3.221830688	3.580972932
ENSMUSG00000101442	7.074518513	3.478086219	6.35535943	2.416373016	8.594335036
ENSMUSG00000101443	4.952162959	4.173703463	2.824604191	2.416373016	2.864778345
ENSMUSG00000101444	11.31922962	4.869320706	6.35535943	2.416373016	6.445751277
ENSMUSG00000101445	8.489422215	4.869320706	6.35535943	7.249119049	6.445751277
ENSMUSG00000101446	7.781970364	5.56493795	9.179963621	4.832746033	7.87814045
ENSMUSG00000101447	12.02668147	12.52111039	8.473812573	4.832746033	4.297167518
ENSMUSG00000101448	6.367066661	4.869320706	3.530755239	4.02728836	4.297167518
ENSMUSG00000101449	7.781970364	7.651789682	15.53532305	11.27640741	7.161945863
ENSMUSG00000101450	16.97884443	37.56333116	36.71985448	18.52552646	19.33725383
ENSMUSG00000101451	10.61177777	7.651789682	3.530755239	7.249119049	3.580972932
ENSMUSG00000101452	16.97884443	29.21592424	31.0706461	24.16373016	31.5125618
ENSMUSG00000101453	7.074518513	6.260555194	9.179963621	8.860034393	2.148583759
ENSMUSG00000101454	9.196874066	11.82549314	10.59226572	9.665492065	14.32389173
ENSMUSG00000101455	7.781970364	6.956172438	1.412302096	0.805457672	5.013362104
ENSMUSG00000101456	8.489422215	4.869320706	7.061510478	6.443661377	3.580972932
ENSMUSG00000101457	8.489422215	4.173703463	8.473812573	0.805457672	7.87814045
ENSMUSG00000101458	9.904325918	7.651789682	11.29841676	4.832746033	7.161945863
ENSMUSG00000101459	26.88317035	11.1298759	21.18453143	24.16373016	25.06681052
ENSMUSG00000101460	7.074518513	6.956172438	7.061510478	5.638203705	4.297167518
ENSMUSG00000101461	8.489422215	0.695617244	8.473812573	4.02728836	8.594335036
ENSMUSG00000101462	10.61177777	9.738641413	7.767661525	8.054576721	5.013362104
ENSMUSG00000101463	5.65961481	7.651789682	7.061510478	1.610915344	3.580972932
ENSMUSG00000101464	8.489422215	9.043024169	4.943057334	5.638203705	5.013362104
ENSMUSG00000101465	4.952162959	4.173703463	6.35535943	3.221830688	5.729556691
ENSMUSG00000101466	8.489422215	4.869320706	4.943057334	2.416373016	2.864778345
ENSMUSG00000101467	8.489422215	6.956172438	8.473812573	4.02728836	2.148583759
ENSMUSG00000101468	8.489422215	5.56493795	9.886114669	8.054576721	5.729556691
ENSMUSG00000101469	4.244711108	4.173703463	4.943057334	3.221830688	5.013362104
ENSMUSG00000101470	10.61177777	11.82549314	7.061510478	4.832746033	10.7429188
ENSMUSG00000101472	2.122355554	2.086851731	7.061510478	1.610915344	4.297167518
ENSMUSG00000101473	8.489422215	8.347406925	4.236906287	2.416373016	5.729556691
ENSMUSG00000101474	6.367066661	6.260555194	4.943057334	2.416373016	2.148583759
ENSMUSG00000101475	3.537259256	4.173703463	7.061510478	2.416373016	3.580972932
ENSMUSG00000101476	13.44158517	20.17290007	14.12302096	15.30369577	12.89150255

ENSMUSG00000101477	14.14903703	9.738641413	7.061510478	5.638203705	5.729556691
ENSMUSG00000101478	2.829807405	2.782468975	2.824604191	6.443661377	5.013362104
ENSMUSG00000101479	4.2447111108	3.478086219	4.943057334	0.805457672	2.864778345
ENSMUSG00000101480	7.781970364	2.782468975	9.179963621	4.832746033	3.580972932
ENSMUSG00000101481	8.489422215	4.869320706	6.35535943	7.249119049	5.013362104
ENSMUSG00000101482	9.904325918	5.56493795	6.35535943	9.665492065	8.594335036
ENSMUSG00000101483	8.489422215	5.56493795	6.35535943	5.638203705	2.148583759
ENSMUSG00000101484	8.489422215	4.173703463	5.649208382	4.02728836	4.297167518
ENSMUSG00000101485	13.44158517	6.956172438	7.061510478	2.416373016	8.594335036
ENSMUSG00000101486	10.61177777	7.651789682	4.943057334	4.832746033	5.729556691
ENSMUSG00000101487	8.489422215	8.347406925	9.886114669	4.02728836	9.310529622
ENSMUSG00000101488	9.196874066	8.347406925	9.886114669	4.832746033	5.013362104
ENSMUSG00000101489	7.781970364	4.869320706	7.061510478	2.416373016	2.864778345
ENSMUSG00000101490	10.61177777	6.956172438	8.473812573	6.443661377	0.716194586
ENSMUSG00000101491	4.2447111108	5.56493795	7.061510478	3.221830688	3.580972932
ENSMUSG00000101492	10.61177777	10.43425866	4.236906287	4.02728836	9.310529622
ENSMUSG00000101493	62.25576291	69.56172438	60.02283906	58.79841006	67.32229112
ENSMUSG00000101494	9.904325918	6.260555194	6.35535943	6.443661377	2.864778345
ENSMUSG00000101495	10.61177777	9.043024169	7.061510478	3.221830688	2.148583759
ENSMUSG00000101496	15.56394073	12.52111039	16.94762515	13.69278043	5.729556691
ENSMUSG00000101497	7.781970364	6.956172438	4.236906287	2.416373016	8.594335036
ENSMUSG00000101498	12.73413332	6.260555194	12.71071886	4.832746033	10.7429188
ENSMUSG00000101499	10.61177777	7.651789682	4.236906287	2.416373016	7.87814045
ENSMUSG00000101501	3.537259256	3.478086219	0.706151048	0.805457672	0
ENSMUSG00000101502	11.31922962	5.56493795	13.41686991	12.08186508	8.594335036
ENSMUSG00000101503	16.27139258	15.99919661	20.47838039	22.55281482	24.35061594
ENSMUSG00000101504	8.489422215	7.651789682	7.061510478	2.416373016	2.148583759
ENSMUSG00000101505	11.31922962	7.651789682	7.061510478	6.443661377	8.594335036
ENSMUSG00000101506	12.02668147	3.478086219	7.767661525	2.416373016	8.594335036
ENSMUSG00000101507	4.952162959	6.260555194	7.767661525	1.610915344	0.716194586
ENSMUSG00000101508	6.367066661	4.869320706	3.530755239	4.832746033	3.580972932
ENSMUSG00000101509	6.367066661	10.43425866	6.35535943	6.443661377	5.729556691
ENSMUSG00000101510	7.074518513	6.956172438	6.35535943	0.805457672	2.864778345
ENSMUSG00000101511	9.196874066	6.956172438	2.118453143	4.02728836	7.161945863
ENSMUSG00000101512	7.074518513	4.173703463	6.35535943	2.416373016	5.013362104
ENSMUSG00000101513	6.367066661	3.478086219	4.943057334	3.221830688	2.148583759
ENSMUSG00000101514	12.73413332	5.56493795	3.530755239	5.638203705	4.297167518
ENSMUSG00000101515	4.952162959	6.260555194	4.236906287	2.416373016	5.013362104
ENSMUSG00000101516	10.61177777	4.869320706	6.35535943	2.416373016	0.716194586
ENSMUSG00000101517	8.489422215	6.260555194	9.179963621	4.832746033	7.161945863
ENSMUSG00000101518	9.904325918	4.869320706	6.35535943	0.805457672	5.013362104
ENSMUSG00000101519	6.367066661	9.043024169	6.35535943	3.221830688	4.297167518
ENSMUSG00000101521	4.952162959	4.869320706	4.236906287	2.416373016	2.148583759

ENSMUSG00000101522	14.85648888	4.869320706	7.767661525	9.665492065	4.297167518
ENSMUSG00000101524	13.44158517	7.651789682	11.29841676	4.832746033	1.432389173
ENSMUSG00000101525	7.074518513	3.478086219	5.649208382	4.832746033	2.864778345
ENSMUSG00000101526	12.73413332	8.347406925	5.649208382	2.416373016	3.580972932
ENSMUSG00000101527	4.952162959	7.651789682	6.35535943	5.638203705	3.580972932
ENSMUSG00000101529	6.367066661	4.869320706	3.530755239	4.832746033	1.432389173
ENSMUSG00000101530	6.367066661	4.869320706	12.00456781	0.805457672	4.297167518
ENSMUSG00000101531	7.074518513	9.738641413	8.473812573	3.221830688	2.864778345
ENSMUSG00000101532	4.244711108	7.651789682	9.179963621	8.054576721	5.013362104
ENSMUSG00000101533	5.65961481	2.782468975	4.943057334	4.02728836	5.729556691
ENSMUSG00000101534	5.65961481	4.173703463	4.943057334	4.02728836	5.013362104
ENSMUSG00000101535	123.804074	181.5561006	162.414741	154.647873	147.5360848
ENSMUSG00000101536	4.244711108	4.173703463	2.824604191	4.02728836	0.716194586
ENSMUSG00000101537	9.196874066	9.738641413	7.767661525	5.638203705	6.445751277
ENSMUSG00000101538	6.367066661	4.869320706	6.35535943	4.832746033	2.148583759
ENSMUSG00000101539	5.65961481	3.478086219	8.473812573	2.416373016	5.729556691
ENSMUSG00000101540	7.074518513	4.869320706	7.767661525	3.221830688	5.729556691
ENSMUSG00000101541	2.829807405	6.260555194	6.35535943	6.443661377	3.580972932
ENSMUSG00000101542	4.244711108	2.086851731	8.473812573	4.02728836	3.580972932
ENSMUSG00000101543	10.61177777	4.173703463	12.71071886	5.638203705	7.87814045
ENSMUSG00000101544	6.367066661	6.956172438	9.886114669	2.416373016	4.297167518
ENSMUSG00000101545	12.73413332	8.347406925	7.767661525	4.02728836	4.297167518
ENSMUSG00000101546	8.489422215	8.347406925	5.649208382	5.638203705	5.013362104
ENSMUSG00000101547	9.196874066	3.478086219	3.530755239	2.416373016	7.87814045
ENSMUSG00000101548	8.489422215	3.478086219	5.649208382	7.249119049	7.161945863
ENSMUSG00000101549	7.781970364	6.956172438	9.179963621	8.860034393	6.445751277
ENSMUSG00000101550	4.244711108	9.738641413	11.29841676	6.443661377	7.161945863
ENSMUSG00000101551	4.952162959	4.869320706	2.824604191	4.832746033	7.161945863
ENSMUSG00000101552	7.781970364	6.956172438	5.649208382	0.805457672	5.013362104
ENSMUSG00000101553	7.074518513	2.086851731	8.473812573	5.638203705	6.445751277
ENSMUSG00000101555	68.62282957	86.25653823	74.85201106	97.46037832	77.34901533
ENSMUSG00000101556	5.65961481	9.738641413	12.71071886	12.88732275	7.161945863
ENSMUSG00000101557	7.074518513	6.956172438	4.943057334	1.610915344	4.297167518
ENSMUSG00000101558	4.952162959	2.086851731	5.649208382	0.805457672	2.864778345
ENSMUSG00000101559	14.14903703	4.869320706	6.35535943	3.221830688	2.864778345
ENSMUSG00000101560	4.244711108	4.869320706	3.530755239	4.02728836	6.445751277
ENSMUSG00000101561	13.44158517	10.43425866	11.29841676	4.02728836	12.89150255
ENSMUSG00000101562	3.537259256	2.782468975	4.236906287	2.416373016	3.580972932
ENSMUSG00000101563	6.367066661	4.173703463	4.943057334	2.416373016	7.161945863
ENSMUSG00000101564	9.904325918	7.651789682	7.767661525	6.443661377	3.580972932
ENSMUSG00000101565	8.489422215	7.651789682	6.35535943	5.638203705	7.161945863
ENSMUSG00000101566	4.952162959	6.260555194	8.473812573	4.02728836	3.580972932
ENSMUSG00000101567	11.31922962	6.956172438	9.886114669	3.221830688	7.161945863

ENSMUSG00000101568	11.31922962	8.347406925	8.473812573	3.221830688	7.161945863
ENSMUSG00000101569	7.781970364	6.260555194	7.767661525	4.832746033	5.729556691
ENSMUSG00000101570	4.244711108	3.478086219	10.59226572	4.832746033	1.432389173
ENSMUSG00000101571	0	0	0	0	0
ENSMUSG00000101572	7.074518513	7.651789682	9.179963621	3.221830688	5.729556691
ENSMUSG00000101573	9.196874066	9.738641413	6.35535943	6.443661377	7.87814045
ENSMUSG00000101574	9.904325918	3.478086219	6.35535943	11.27640741	7.87814045
ENSMUSG00000101575	2.829807405	4.173703463	5.649208382	4.02728836	0
ENSMUSG00000101576	5.65961481	4.173703463	6.35535943	8.054576721	3.580972932
ENSMUSG00000101577	0.707451851	0	0	1.610915344	0
ENSMUSG00000101578	8.489422215	5.56493795	12.71071886	4.832746033	5.013362104
ENSMUSG00000101579	2.829807405	4.869320706	7.061510478	6.443661377	3.580972932
ENSMUSG00000101580	7.074518513	3.478086219	2.824604191	2.416373016	2.148583759
ENSMUSG00000101581	7.074518513	14.60796212	8.473812573	29.80193387	20.05344842
ENSMUSG00000101582	6.367066661	3.478086219	7.767661525	4.832746033	2.148583759
ENSMUSG00000101583	20.51610369	34.78086219	38.13215658	82.96214023	87.37573953
ENSMUSG00000101584	8.489422215	8.347406925	4.943057334	4.832746033	2.148583759
ENSMUSG00000101585	14.14903703	9.043024169	9.886114669	13.69278043	12.89150255
ENSMUSG00000101586	8.489422215	8.347406925	11.29841676	4.02728836	7.161945863
ENSMUSG00000101587	10.61177777	18.78166558	22.59683353	13.69278043	21.48583759
ENSMUSG00000101588	4.952162959	1.391234488	5.649208382	4.02728836	3.580972932
ENSMUSG00000101589	9.904325918	9.043024169	7.061510478	8.860034393	9.310529622
ENSMUSG00000101590	8.489422215	6.956172438	8.473812573	6.443661377	5.729556691
ENSMUSG00000101591	13.44158517	7.651789682	7.061510478	4.832746033	11.45911338
ENSMUSG00000101592	3.537259256	4.173703463	4.943057334	1.610915344	0.716194586
ENSMUSG00000101593	2.829807405	2.086851731	8.473812573	4.832746033	1.432389173
ENSMUSG00000101594	2.829807405	4.869320706	4.943057334	2.416373016	2.864778345
ENSMUSG00000101595	11.31922962	9.043024169	5.649208382	4.832746033	10.02672421
ENSMUSG00000101596	4.952162959	11.1298759	5.649208382	8.860034393	5.729556691
ENSMUSG00000101597	8.489422215	8.347406925	6.35535943	8.860034393	6.445751277
ENSMUSG00000101598	4.244711108	5.56493795	4.236906287	4.02728836	3.580972932
ENSMUSG00000101599	127.3413332	161.3832006	166.6516473	161.8969921	135.3607768
ENSMUSG00000101600	7.781970364	8.347406925	8.473812573	10.47094974	4.297167518
ENSMUSG00000101601	3.537259256	6.260555194	6.35535943	3.221830688	5.013362104
ENSMUSG00000101602	6.367066661	6.260555194	6.35535943	3.221830688	1.432389173
ENSMUSG00000101603	0	0	0	0	0
ENSMUSG00000101605	7.781970364	8.347406925	7.061510478	12.88732275	4.297167518
ENSMUSG00000101606	10.61177777	9.043024169	4.236906287	3.221830688	7.161945863
ENSMUSG00000101607	7.781970364	4.173703463	6.35535943	4.02728836	3.580972932
ENSMUSG00000101608	9.196874066	6.260555194	6.35535943	4.832746033	2.864778345
ENSMUSG00000101609	60.84085921	83.47406925	59.31668801	92.62763229	86.65954495
ENSMUSG00000101610	7.781970364	6.956172438	12.71071886	4.02728836	7.87814045
ENSMUSG00000101611	2.122355554	6.956172438	2.824604191	3.221830688	2.148583759

ENSMUSG00000101612	10.61177777	7.651789682	9.179963621	7.249119049	9.310529622
ENSMUSG00000101613	9.196874066	6.260555194	2.824604191	4.02728836	6.445751277
ENSMUSG00000101614	10.61177777	3.478086219	3.530755239	2.416373016	1.432389173
ENSMUSG00000101615	9.904325918	6.956172438	9.179963621	8.860034393	7.87814045
ENSMUSG00000101616	16.27139258	10.43425866	15.53532305	14.4982381	12.17530797
ENSMUSG00000101617	12.73413332	6.956172438	12.00456781	5.638203705	6.445751277
ENSMUSG00000101618	7.781970364	6.260555194	9.179963621	4.02728836	4.297167518
ENSMUSG00000101619	4.952162959	3.478086219	4.236906287	2.416373016	4.297167518
ENSMUSG00000101620	0	0	0	0	0
ENSMUSG00000101621	9.904325918	7.651789682	5.649208382	3.221830688	7.87814045
ENSMUSG00000101622	14.85648888	6.956172438	9.179963621	8.054576721	7.87814045
ENSMUSG00000101623	7.074518513	5.56493795	7.061510478	2.416373016	4.297167518
ENSMUSG00000101624	10.61177777	6.956172438	4.943057334	4.02728836	5.729556691
ENSMUSG00000101625	16.97884443	13.91234488	12.00456781	4.02728836	13.60769714
ENSMUSG00000101626	3.537259256	4.869320706	7.767661525	0.805457672	3.580972932
ENSMUSG00000101627	2.829807405	6.260555194	2.824604191	1.610915344	2.864778345
ENSMUSG00000101628	7.074518513	8.347406925	10.59226572	6.443661377	6.445751277
ENSMUSG00000101629	8.489422215	9.738641413	9.179963621	5.638203705	4.297167518
ENSMUSG00000101630	9.196874066	6.260555194	16.2414741	4.02728836	8.594335036
ENSMUSG00000101631	5.65961481	4.869320706	6.35535943	6.443661377	2.148583759
ENSMUSG00000101632	7.781970364	2.782468975	4.236906287	0.805457672	5.013362104
ENSMUSG00000101633	4.952162959	2.782468975	1.412302096	2.416373016	7.161945863
ENSMUSG00000101634	7.074518513	6.260555194	8.473812573	3.221830688	10.7429188
ENSMUSG00000101635	0	0	0	0.805457672	0
ENSMUSG00000101636	5.65961481	6.260555194	11.29841676	6.443661377	7.87814045
ENSMUSG00000101637	6.367066661	2.782468975	7.767661525	4.832746033	2.864778345
ENSMUSG00000101639	24.76081479	6.956172438	14.829172	8.054576721	11.45911338
ENSMUSG00000101640	14.85648888	9.043024169	11.29841676	9.665492065	10.02672421
ENSMUSG00000101642	9.904325918	4.173703463	6.35535943	0.805457672	4.297167518
ENSMUSG00000101643	9.196874066	4.173703463	4.236906287	4.832746033	4.297167518
ENSMUSG00000101644	9.196874066	6.956172438	9.179963621	5.638203705	7.161945863
ENSMUSG00000101646	3.537259256	4.869320706	6.35535943	4.02728836	0
ENSMUSG00000101647	4.952162959	2.086851731	6.35535943	1.610915344	4.297167518
ENSMUSG00000101648	10.61177777	4.173703463	10.59226572	7.249119049	8.594335036
ENSMUSG00000101649	2.829807405	1.391234488	4.236906287	2.416373016	1.432389173
ENSMUSG00000101650	9.904325918	6.260555194	7.061510478	10.47094974	5.729556691
ENSMUSG00000101651	11.31922962	18.78166558	19.77222934	6.443661377	12.89150255
ENSMUSG00000101652	5.65961481	7.651789682	9.179963621	8.054576721	7.161945863
ENSMUSG00000101654	4.952162959	6.956172438	3.530755239	3.221830688	2.864778345
ENSMUSG00000101655	6.367066661	10.43425866	8.473812573	10.47094974	8.594335036
ENSMUSG00000101656	9.904325918	7.651789682	12.71071886	8.054576721	8.594335036
ENSMUSG00000101657	4.244711108	7.651789682	7.061510478	3.221830688	2.864778345
ENSMUSG00000101658	10.61177777	4.869320706	7.767661525	4.832746033	7.161945863

ENSMUSG00000101659	5.65961481	9.043024169	5.649208382	5.638203705	6.445751277
ENSMUSG00000101660	12.02668147	3.478086219	8.473812573	7.249119049	9.310529622
ENSMUSG00000101661	8.489422215	6.956172438	5.649208382	4.832746033	5.013362104
ENSMUSG00000101662	9.904325918	6.260555194	7.767661525	3.221830688	5.729556691
ENSMUSG00000101663	9.904325918	6.956172438	9.179963621	5.638203705	5.729556691
ENSMUSG00000101664	7.074518513	9.043024169	7.767661525	9.665492065	9.310529622
ENSMUSG00000101665	0	0	0	0	0
ENSMUSG00000101666	4.952162959	6.260555194	9.179963621	0.805457672	0.716194586
ENSMUSG00000101668	5.65961481	6.260555194	4.236906287	4.02728836	1.432389173
ENSMUSG00000101669	3.537259256	4.869320706	5.649208382	3.221830688	3.580972932
ENSMUSG00000101670	6.367066661	9.738641413	4.236906287	5.638203705	3.580972932
ENSMUSG00000101671	9.904325918	3.478086219	6.35535943	3.221830688	4.297167518
ENSMUSG00000101672	4.952162959	3.478086219	3.530755239	4.832746033	5.013362104
ENSMUSG00000101673	8.489422215	9.043024169	12.71071886	4.02728836	5.013362104
ENSMUSG00000101674	24.05336294	42.43265187	35.30755239	6.443661377	22.91822676
ENSMUSG00000101675	4.952162959	2.782468975	4.943057334	2.416373016	5.729556691
ENSMUSG00000101676	7.781970364	3.478086219	4.943057334	2.416373016	6.445751277
ENSMUSG00000101677	6.367066661	14.60796212	6.35535943	5.638203705	6.445751277
ENSMUSG00000101679	5.65961481	6.260555194	2.824604191	4.832746033	0.716194586
ENSMUSG00000101680	8.489422215	5.56493795	8.473812573	8.054576721	10.02672421
ENSMUSG00000101681	7.781970364	9.738641413	7.767661525	1.610915344	4.297167518
ENSMUSG00000101682	7.781970364	13.91234488	11.29841676	5.638203705	5.013362104
ENSMUSG00000101683	12.02668147	6.956172438	7.061510478	4.02728836	4.297167518
ENSMUSG00000101684	4.952162959	2.782468975	2.824604191	3.221830688	2.148583759
ENSMUSG00000101685	4.952162959	5.56493795	4.236906287	2.416373016	2.864778345
ENSMUSG00000101686	5.65961481	2.086851731	4.236906287	2.416373016	5.013362104
ENSMUSG00000101687	4.952162959	5.56493795	8.473812573	3.221830688	3.580972932
ENSMUSG00000101688	6.367066661	9.738641413	4.236906287	4.832746033	4.297167518
ENSMUSG00000101689	4.952162959	1.391234488	7.061510478	3.221830688	2.864778345
ENSMUSG00000101690	8.489422215	11.1298759	4.236906287	0.805457672	5.013362104
ENSMUSG00000101691	3.537259256	10.43425866	7.767661525	3.221830688	0.716194586
ENSMUSG00000101692	3.537259256	3.478086219	7.061510478	2.416373016	4.297167518
ENSMUSG00000101693	6.367066661	2.086851731	9.179963621	5.638203705	4.297167518
ENSMUSG00000101694	3.537259256	6.260555194	4.236906287	1.610915344	5.013362104
ENSMUSG00000101695	19.80865184	19.47728283	19.77222934	16.10915344	21.48583759
ENSMUSG00000101696	9.196874066	6.956172438	6.35535943	9.665492065	8.594335036
ENSMUSG00000101697	9.196874066	5.56493795	8.473812573	5.638203705	8.594335036
ENSMUSG00000101698	14.85648888	12.52111039	17.65377619	7.249119049	7.87814045
ENSMUSG00000101699	2.122355554	1.391234488	2.824604191	0.805457672	6.445751277
ENSMUSG00000101700	10.61177777	4.869320706	8.473812573	6.443661377	5.729556691
ENSMUSG00000101701	5.65961481	8.347406925	8.473812573	5.638203705	7.161945863
ENSMUSG00000101702	9.196874066	7.651789682	9.886114669	4.832746033	10.7429188
ENSMUSG00000101703	15.56394073	8.347406925	16.94762515	9.665492065	7.161945863

ENSMUSG00000101704	8.489422215	6.956172438	6.35535943	5.638203705	2.864778345
ENSMUSG00000101705	7.074518513	6.260555194	7.767661525	10.47094974	7.87814045
ENSMUSG00000101706	4.952162959	4.173703463	5.649208382	0	5.729556691
ENSMUSG00000101707	3.537259256	5.56493795	2.824604191	3.221830688	1.432389173
ENSMUSG00000101708	0.707451851	0.695617244	2.118453143	0.805457672	1.432389173
ENSMUSG00000101709	4.244711108	4.869320706	4.236906287	2.416373016	3.580972932
ENSMUSG00000101710	4.952162959	6.956172438	4.943057334	3.221830688	2.864778345
ENSMUSG00000101711	19.10119998	19.47728283	16.2414741	33.02376456	23.63442135
ENSMUSG00000101712	5.65961481	4.869320706	2.118453143	3.221830688	5.013362104
ENSMUSG00000101713	4.952162959	4.869320706	5.649208382	3.221830688	3.580972932
ENSMUSG00000101714	7.781970364	4.173703463	12.00456781	9.665492065	6.445751277
ENSMUSG00000101715	7.074518513	5.56493795	4.236906287	4.832746033	4.297167518
ENSMUSG00000101716	77.81970364	80.69160028	79.08891735	178.0061455	118.1721067
ENSMUSG00000101717	7.781970364	6.956172438	7.061510478	5.638203705	3.580972932
ENSMUSG00000101718	5.65961481	4.173703463	3.530755239	2.416373016	2.864778345
ENSMUSG00000101719	5.65961481	4.869320706	2.824604191	1.610915344	4.297167518
ENSMUSG00000101720	8.489422215	9.738641413	8.473812573	4.832746033	7.161945863
ENSMUSG00000101721	15.56394073	8.347406925	6.35535943	3.221830688	8.594335036
ENSMUSG00000101722	13.44158517	9.738641413	11.29841676	6.443661377	12.17530797
ENSMUSG00000101723	7.781970364	5.56493795	4.943057334	8.054576721	2.148583759
ENSMUSG00000101724	10.61177777	9.043024169	8.473812573	3.221830688	10.02672421
ENSMUSG00000101726	10.61177777	11.1298759	7.061510478	4.02728836	4.297167518
ENSMUSG00000101727	7.781970364	11.82549314	3.530755239	3.221830688	2.148583759
ENSMUSG00000101728	5.65961481	4.869320706	4.943057334	4.02728836	2.864778345
ENSMUSG00000101729	7.074518513	4.173703463	7.767661525	11.27640741	6.445751277
ENSMUSG00000101730	8.489422215	6.956172438	9.179963621	2.416373016	6.445751277
ENSMUSG00000101731	7.781970364	2.782468975	7.061510478	9.665492065	10.7429188
ENSMUSG00000101732	7.074518513	5.56493795	6.35535943	0.805457672	4.297167518
ENSMUSG00000101733	7.781970364	6.260555194	6.35535943	4.02728836	5.729556691
ENSMUSG00000101734	7.074518513	9.043024169	6.35535943	10.47094974	6.445751277
ENSMUSG00000101735	7.074518513	9.738641413	7.061510478	5.638203705	5.729556691
ENSMUSG00000101736	3.537259256	4.173703463	6.35535943	7.249119049	7.161945863
ENSMUSG00000101737	7.074518513	5.56493795	6.35535943	4.02728836	5.013362104
ENSMUSG00000101738	9.904325918	5.56493795	12.71071886	6.443661377	6.445751277
ENSMUSG00000101739	9.196874066	2.086851731	4.236906287	4.02728836	6.445751277
ENSMUSG00000101740	6.367066661	5.56493795	9.179963621	4.832746033	5.729556691
ENSMUSG00000101741	12.02668147	4.869320706	11.29841676	6.443661377	5.013362104
ENSMUSG00000101742	7.074518513	4.173703463	7.767661525	3.221830688	2.148583759
ENSMUSG00000101743	4.952162959	5.56493795	3.530755239	4.02728836	6.445751277
ENSMUSG00000101744	5.65961481	6.260555194	2.118453143	5.638203705	4.297167518
ENSMUSG00000101745	6.367066661	6.260555194	5.649208382	2.416373016	7.87814045
ENSMUSG00000101746	8.489422215	9.738641413	7.767661525	8.054576721	7.87814045
ENSMUSG00000101747	5.65961481	5.56493795	7.767661525	4.832746033	2.148583759



ENSMUSG00000101748	4.952162959	4.173703463	7.061510478	4.02728836	4.297167518
ENSMUSG00000101749	5.65961481	9.738641413	7.061510478	2.416373016	6.445751277
ENSMUSG00000101750	3.537259256	6.956172438	7.061510478	5.638203705	5.729556691
ENSMUSG00000101751	28.29807405	41.73703463	48.01827125	37.85651059	46.55264811
ENSMUSG00000101752	6.367066661	6.260555194	5.649208382	3.221830688	2.148583759
ENSMUSG00000101753	4.952162959	2.782468975	4.236906287	2.416373016	5.013362104
ENSMUSG00000101754	9.196874066	4.173703463	10.59226572	7.249119049	7.161945863
ENSMUSG00000101755	9.904325918	3.478086219	7.061510478	8.054576721	5.013362104
ENSMUSG00000101756	0	0	0	0	0
ENSMUSG00000101757	12.02668147	6.260555194	11.29841676	3.221830688	5.729556691
ENSMUSG00000101758	2.829807405	4.173703463	6.35535943	4.02728836	5.013362104
ENSMUSG00000101759	13.44158517	6.260555194	8.473812573	5.638203705	5.013362104
ENSMUSG00000101760	9.904325918	6.956172438	7.767661525	1.610915344	9.310529622
ENSMUSG00000101761	7.074518513	2.782468975	4.943057334	2.416373016	2.864778345
ENSMUSG00000101762	12.73413332	9.043024169	8.473812573	7.249119049	6.445751277
ENSMUSG00000101763	9.196874066	4.869320706	5.649208382	5.638203705	7.161945863
ENSMUSG00000101764	8.489422215	11.1298759	5.649208382	5.638203705	8.594335036
ENSMUSG00000101765	9.904325918	6.260555194	7.061510478	4.832746033	7.161945863
ENSMUSG00000101767	9.904325918	6.260555194	7.061510478	4.832746033	6.445751277
ENSMUSG00000101768	21.22355554	29.91154148	26.83373982	14.4982381	15.7562809
ENSMUSG00000101769	4.244711108	2.086851731	2.824604191	4.02728836	2.864778345
ENSMUSG00000101770	5.65961481	2.782468975	6.35535943	4.832746033	3.580972932
ENSMUSG00000101771	5.65961481	2.782468975	7.061510478	1.610915344	4.297167518
ENSMUSG00000101772	7.074518513	6.260555194	9.886114669	0.805457672	7.87814045
ENSMUSG00000101773	5.65961481	6.956172438	7.061510478	7.249119049	10.7429188
ENSMUSG00000101774	7.074518513	6.260555194	4.943057334	3.221830688	1.432389173
ENSMUSG00000101775	7.074518513	7.651789682	3.530755239	2.416373016	4.297167518
ENSMUSG00000101776	2.122355554	4.869320706	6.35535943	0.805457672	4.297167518
ENSMUSG00000101777	10.61177777	3.478086219	4.943057334	10.47094974	7.87814045
ENSMUSG00000101778	9.196874066	15.30357936	4.236906287	16.91461111	11.45911338
ENSMUSG00000101779	1.414903703	4.869320706	6.35535943	2.416373016	3.580972932
ENSMUSG00000101780	11.31922962	4.869320706	11.29841676	5.638203705	7.161945863
ENSMUSG00000101781	2.122355554	6.260555194	2.118453143	3.221830688	1.432389173
ENSMUSG00000101782	7.074518513	2.782468975	4.943057334	3.221830688	5.013362104
ENSMUSG00000101783	7.074518513	6.956172438	5.649208382	4.832746033	2.148583759
ENSMUSG00000101784	9.904325918	6.260555194	9.179963621	7.249119049	6.445751277
ENSMUSG00000101785	8.489422215	6.260555194	3.530755239	5.638203705	5.729556691
ENSMUSG00000101786	5.65961481	4.173703463	7.061510478	4.832746033	2.864778345
ENSMUSG00000101787	4.952162959	7.651789682	4.943057334	4.832746033	5.729556691
ENSMUSG00000101788	9.196874066	6.956172438	2.824604191	4.832746033	5.729556691
ENSMUSG00000101789	6.367066661	4.173703463	4.943057334	1.610915344	2.864778345
ENSMUSG00000101790	4.244711108	7.651789682	1.412302096	3.221830688	3.580972932
ENSMUSG00000101791	7.074518513	4.173703463	7.767661525	9.665492065	7.87814045

ENSMUSG00000101792	6.367066661	11.82549314	4.943057334	4.02728836	5.729556691
ENSMUSG00000101793	7.074518513	8.347406925	7.767661525	2.416373016	7.161945863
ENSMUSG00000101794	4.244711108	6.956172438	4.236906287	2.416373016	3.580972932
ENSMUSG00000101795	7.781970364	6.260555194	6.35535943	16.91461111	4.297167518
ENSMUSG00000101796	4.952162959	9.738641413	7.767661525	7.249119049	5.013362104
ENSMUSG00000101797	9.904325918	4.869320706	4.236906287	4.02728836	10.02672421
ENSMUSG00000101798	36.78749627	61.9099347	58.61053696	66.85298678	54.43078856
ENSMUSG00000101799	10.61177777	5.56493795	10.59226572	4.832746033	7.87814045
ENSMUSG00000101800	2.122355554	0.695617244	0.706151048	0	3.580972932
ENSMUSG00000101801	7.074518513	7.651789682	4.943057334	8.860034393	10.02672421
ENSMUSG00000101802	5.65961481	4.869320706	2.824604191	5.638203705	5.729556691
ENSMUSG00000101803	8.489422215	5.56493795	7.061510478	7.249119049	7.161945863
ENSMUSG00000101804	7.781970364	3.478086219	4.236906287	4.02728836	5.729556691
ENSMUSG00000101805	5.65961481	3.478086219	6.35535943	1.610915344	4.297167518
ENSMUSG00000101806	7.074518513	4.869320706	8.473812573	4.02728836	4.297167518
ENSMUSG00000101807	11.31922962	6.260555194	12.00456781	8.054576721	5.729556691
ENSMUSG00000101808	5.65961481	5.56493795	4.943057334	6.443661377	7.161945863
ENSMUSG00000101809	4.244711108	3.478086219	2.824604191	4.832746033	3.580972932
ENSMUSG00000101810	4.952162959	6.956172438	8.473812573	5.638203705	7.161945863
ENSMUSG00000101811	3.537259256	4.869320706	3.530755239	3.221830688	7.161945863
ENSMUSG00000101812	6.367066661	6.956172438	5.649208382	2.416373016	2.864778345
ENSMUSG00000101813	9.196874066	8.347406925	9.886114669	7.249119049	4.297167518
ENSMUSG00000101814	3.537259256	6.956172438	6.35535943	9.665492065	6.445751277
ENSMUSG00000101815	4.952162959	4.173703463	7.061510478	5.638203705	1.432389173
ENSMUSG00000101816	4.244711108	9.043024169	5.649208382	3.221830688	2.148583759
ENSMUSG00000101817	7.781970364	6.260555194	7.061510478	3.221830688	3.580972932
ENSMUSG00000101820	6.367066661	6.956172438	9.179963621	2.416373016	6.445751277
ENSMUSG00000101821	2.829807405	2.782468975	4.943057334	6.443661377	5.013362104
ENSMUSG00000101822	7.781970364	7.651789682	11.29841676	4.832746033	5.013362104
ENSMUSG00000101823	21.93100739	36.17209668	36.01370344	45.10562964	24.35061594
ENSMUSG00000101824	8.489422215	6.956172438	7.767661525	6.443661377	8.594335036
ENSMUSG00000101825	4.952162959	5.56493795	9.179963621	3.221830688	4.297167518
ENSMUSG00000101826	11.31922962	4.869320706	9.179963621	3.221830688	11.45911338
ENSMUSG00000101827	12.73413332	9.738641413	9.886114669	8.054576721	4.297167518
ENSMUSG00000101828	7.074518513	4.869320706	8.473812573	8.054576721	4.297167518
ENSMUSG00000101829	8.489422215	5.56493795	5.649208382	4.832746033	5.013362104
ENSMUSG00000101830	8.489422215	5.56493795	7.061510478	2.416373016	3.580972932
ENSMUSG00000101831	7.781970364	3.478086219	7.061510478	1.610915344	3.580972932
ENSMUSG00000101832	4.244711108	7.651789682	7.767661525	9.665492065	7.87814045
ENSMUSG00000101833	6.367066661	4.869320706	4.236906287	6.443661377	5.729556691
ENSMUSG00000101834	7.781970364	5.56493795	5.649208382	10.47094974	4.297167518
ENSMUSG00000101835	7.074518513	5.56493795	5.649208382	4.832746033	1.432389173
ENSMUSG00000101836	6.367066661	0.695617244	4.236906287	2.416373016	4.297167518

ENSMUSG00000101837	7.074518513	6.260555194	4.236906287	2.416373016	2.864778345
ENSMUSG00000101838	7.781970364	11.82549314	12.00456781	5.638203705	12.17530797
ENSMUSG00000101839	2.829807405	4.173703463	5.649208382	1.610915344	5.729556691
ENSMUSG00000101840	7.781970364	6.260555194	12.00456781	4.02728836	5.013362104
ENSMUSG00000101841	0	0	0	0	0
ENSMUSG00000101842	2.829807405	4.173703463	4.236906287	3.221830688	4.297167518
ENSMUSG00000101843	9.196874066	10.43425866	4.943057334	7.249119049	2.864778345
ENSMUSG00000101844	4.952162959	6.956172438	6.35535943	1.610915344	5.013362104
ENSMUSG00000101845	24.05336294	41.73703463	40.25060972	72.49119049	68.75468029
ENSMUSG00000101846	6.367066661	4.869320706	7.767661525	3.221830688	6.445751277
ENSMUSG00000101847	8.489422215	10.43425866	12.71071886	8.054576721	4.297167518
ENSMUSG00000101848	7.074518513	7.651789682	4.943057334	4.832746033	8.594335036
ENSMUSG00000101849	5.65961481	3.478086219	13.41686991	2.416373016	5.729556691
ENSMUSG00000101850	4.244711108	5.56493795	2.118453143	3.221830688	2.148583759
ENSMUSG00000101851	8.489422215	5.56493795	4.236906287	4.832746033	3.580972932
ENSMUSG00000101852	5.65961481	4.173703463	2.824604191	3.221830688	5.013362104
ENSMUSG00000101853	6.367066661	10.43425866	7.767661525	12.88732275	7.161945863
ENSMUSG00000101854	5.65961481	9.043024169	12.00456781	4.02728836	5.013362104
ENSMUSG00000101855	2.122355554	0	4.943057334	3.221830688	2.864778345
ENSMUSG00000101856	16.27139258	19.47728283	9.179963621	12.08186508	10.7429188
ENSMUSG00000101857	3.537259256	2.782468975	4.236906287	4.02728836	4.297167518
ENSMUSG00000101858	2.829807405	2.782468975	6.35535943	1.610915344	2.148583759
ENSMUSG00000101859	7.781970364	6.956172438	4.943057334	11.27640741	8.594335036
ENSMUSG00000101860	6.367066661	5.56493795	7.767661525	1.610915344	7.87814045
ENSMUSG00000101861	8.489422215	4.869320706	3.530755239	4.02728836	3.580972932
ENSMUSG00000101862	5.65961481	8.347406925	10.59226572	5.638203705	4.297167518
ENSMUSG00000101863	5.65961481	4.173703463	6.35535943	4.832746033	5.729556691
ENSMUSG00000101864	4.244711108	2.782468975	4.943057334	3.221830688	2.864778345
ENSMUSG00000101865	7.074518513	1.391234488	6.35535943	4.832746033	7.161945863
ENSMUSG00000101866	8.489422215	4.173703463	4.236906287	0	3.580972932
ENSMUSG00000101867	8.489422215	13.91234488	7.061510478	7.249119049	10.7429188
ENSMUSG00000101868	4.952162959	4.869320706	6.35535943	3.221830688	4.297167518
ENSMUSG00000101869	7.781970364	5.56493795	9.886114669	4.832746033	5.729556691
ENSMUSG00000101870	6.367066661	6.956172438	4.236906287	4.02728836	6.445751277
ENSMUSG00000101871	3.537259256	2.782468975	3.530755239	0.805457672	2.148583759
ENSMUSG00000101872	11.31922962	13.21672763	18.35992724	8.054576721	10.02672421
ENSMUSG00000101873	5.65961481	3.478086219	8.473812573	1.610915344	3.580972932
ENSMUSG00000101874	16.27139258	6.260555194	5.649208382	8.054576721	9.310529622
ENSMUSG00000101875	7.074518513	9.738641413	9.886114669	4.832746033	6.445751277
ENSMUSG00000101877	4.952162959	3.478086219	6.35535943	1.610915344	11.45911338
ENSMUSG00000101878	0	2.086851731	1.412302096	3.221830688	0.716194586
ENSMUSG00000101879	3.537259256	3.478086219	3.530755239	1.610915344	2.864778345
ENSMUSG00000101880	53.05888884	57.73623123	53.66747963	26.58010318	27.21539428

ENSMUSG00000101881	6.367066661	4.173703463	4.943057334	4.02728836	5.729556691
ENSMUSG00000101882	7.074518513	4.173703463	7.061510478	3.221830688	2.864778345
ENSMUSG00000101883	9.904325918	3.478086219	3.530755239	2.416373016	4.297167518
ENSMUSG00000101884	7.074518513	1.391234488	7.061510478	5.638203705	1.432389173
ENSMUSG00000101885	4.244711108	2.782468975	4.943057334	4.832746033	3.580972932
ENSMUSG00000101886	7.074518513	6.956172438	4.236906287	5.638203705	6.445751277
ENSMUSG00000101887	5.65961481	5.56493795	7.767661525	3.221830688	3.580972932
ENSMUSG00000101888	12.02668147	4.869320706	9.886114669	4.832746033	5.013362104
ENSMUSG00000101889	0	0	0	0	0
ENSMUSG00000101890	7.781970364	3.478086219	9.886114669	4.02728836	8.594335036
ENSMUSG00000101891	6.367066661	6.956172438	6.35535943	5.638203705	5.013362104
ENSMUSG00000101893	6.367066661	5.56493795	7.767661525	4.02728836	12.17530797
ENSMUSG00000101895	7.781970364	7.651789682	8.473812573	7.249119049	6.445751277
ENSMUSG00000101896	9.196874066	9.738641413	9.886114669	6.443661377	11.45911338
ENSMUSG00000101897	7.781970364	7.651789682	7.061510478	5.638203705	7.161945863
ENSMUSG00000101898	6.367066661	5.56493795	4.943057334	4.02728836	5.013362104
ENSMUSG00000101899	7.781970364	4.173703463	3.530755239	6.443661377	6.445751277
ENSMUSG00000101900	4.244711108	9.738641413	4.943057334	4.02728836	5.729556691
ENSMUSG00000101901	7.074518513	3.478086219	7.061510478	2.416373016	7.161945863
ENSMUSG00000101902	6.367066661	9.043024169	3.530755239	1.610915344	4.297167518
ENSMUSG00000101903	9.904325918	6.956172438	7.767661525	4.02728836	6.445751277
ENSMUSG00000101905	172.6182517	193.3815938	168.7701004	171.5624842	156.8466144
ENSMUSG00000101906	10.61177777	4.173703463	9.886114669	4.02728836	4.297167518
ENSMUSG00000101907	3.537259256	6.956172438	7.767661525	4.832746033	5.013362104
ENSMUSG00000101908	7.781970364	7.651789682	7.061510478	4.02728836	3.580972932
ENSMUSG00000101909	6.367066661	9.043024169	11.29841676	5.638203705	4.297167518
ENSMUSG00000101910	7.074518513	8.347406925	4.943057334	4.02728836	6.445751277
ENSMUSG00000101911	10.61177777	6.260555194	7.767661525	9.665492065	7.87814045
ENSMUSG00000101912	10.61177777	13.21672763	7.061510478	9.665492065	9.310529622
ENSMUSG00000101913	2.829807405	1.391234488	2.118453143	4.02728836	2.864778345
ENSMUSG00000101914	8.489422215	6.956172438	4.236906287	0.805457672	4.297167518
ENSMUSG00000101916	6.367066661	4.173703463	9.179963621	4.02728836	8.594335036
ENSMUSG00000101917	2.122355554	5.56493795	4.236906287	5.638203705	5.729556691
ENSMUSG00000101918	14.14903703	10.43425866	6.35535943	1.610915344	5.729556691
ENSMUSG00000101919	7.074518513	5.56493795	9.179963621	4.832746033	5.729556691
ENSMUSG00000101920	6.367066661	5.56493795	3.530755239	3.221830688	3.580972932
ENSMUSG00000101921	6.367066661	9.738641413	5.649208382	6.443661377	8.594335036
ENSMUSG00000101922	10.61177777	9.043024169	3.530755239	1.610915344	8.594335036
ENSMUSG00000101923	7.074518513	4.869320706	9.179963621	4.02728836	5.013362104
ENSMUSG00000101924	10.61177777	5.56493795	8.473812573	6.443661377	10.02672421
ENSMUSG00000101925	7.781970364	9.738641413	9.179963621	11.27640741	12.17530797
ENSMUSG00000101926	12.02668147	4.869320706	7.767661525	6.443661377	6.445751277
ENSMUSG00000101927	10.61177777	9.043024169	7.061510478	2.416373016	5.013362104

ENSMUSG00000101929	5.65961481	9.738641413	7.767661525	2.416373016	4.297167518
ENSMUSG00000101930	9.196874066	3.478086219	4.943057334	5.638203705	5.013362104
ENSMUSG00000101931	6.367066661	3.478086219	7.061510478	0.805457672	7.161945863
ENSMUSG00000101932	0	0	0	0	0
ENSMUSG00000101934	9.196874066	12.52111039	12.71071886	6.443661377	7.161945863
ENSMUSG00000101935	9.196874066	6.260555194	9.886114669	7.249119049	4.297167518
ENSMUSG00000101936	14.14903703	5.56493795	7.767661525	1.610915344	8.594335036
ENSMUSG00000101937	7.074518513	8.347406925	11.29841676	10.47094974	10.02672421
ENSMUSG00000101938	0.707451851	3.478086219	0	1.610915344	1.432389173
ENSMUSG00000101939	0	0	0	0	0
ENSMUSG00000101940	7.781970364	9.043024169	7.061510478	8.860034393	4.297167518
ENSMUSG00000101941	11.31922962	6.260555194	7.767661525	4.832746033	6.445751277
ENSMUSG00000101942	218.602622	243.4660353	235.1482989	343.1249683	214.1421813
ENSMUSG00000101943	10.61177777	5.56493795	11.29841676	6.443661377	2.864778345
ENSMUSG00000101944	12.73413332	9.738641413	7.767661525	4.02728836	5.013362104
ENSMUSG00000101945	5.65961481	9.043024169	3.530755239	7.249119049	10.02672421
ENSMUSG00000101946	11.31922962	8.347406925	5.649208382	4.02728836	9.310529622
ENSMUSG00000101947	6.367066661	2.782468975	8.473812573	4.832746033	2.148583759
ENSMUSG00000101948	12.73413332	3.478086219	4.236906287	4.02728836	3.580972932
ENSMUSG00000101949	4.952162959	6.260555194	10.59226572	11.27640741	8.594335036
ENSMUSG00000101950	2.122355554	3.478086219	4.943057334	0.805457672	1.432389173
ENSMUSG00000101951	3.537259256	9.738641413	7.061510478	8.860034393	7.87814045
ENSMUSG00000101952	24.76081479	42.43265187	29.65834401	33.02376456	27.21539428
ENSMUSG00000101953	5.65961481	6.260555194	4.943057334	5.638203705	9.310529622
ENSMUSG00000101954	4.244711108	2.782468975	2.824604191	2.416373016	3.580972932
ENSMUSG00000101955	6.367066661	2.086851731	4.943057334	3.221830688	4.297167518
ENSMUSG00000101956	4.952162959	6.956172438	6.35535943	0.805457672	1.432389173
ENSMUSG00000101957	11.31922962	9.043024169	7.061510478	4.832746033	8.594335036
ENSMUSG00000101958	6.367066661	9.043024169	4.943057334	5.638203705	3.580972932
ENSMUSG00000101960	5.65961481	2.782468975	2.118453143	4.02728836	2.864778345
ENSMUSG00000101961	8.489422215	2.782468975	7.767661525	4.832746033	3.580972932
ENSMUSG00000101962	3.537259256	4.869320706	4.236906287	5.638203705	5.729556691
ENSMUSG00000101963	8.489422215	6.956172438	7.061510478	4.832746033	7.161945863
ENSMUSG00000101964	101.1656147	109.9075245	120.0456781	70.88027514	62.30892901
ENSMUSG00000101965	7.074518513	7.651789682	9.179963621	8.860034393	7.161945863
ENSMUSG00000101966	5.65961481	6.956172438	8.473812573	4.832746033	7.161945863
ENSMUSG00000101967	4.952162959	9.738641413	9.886114669	4.832746033	4.297167518
ENSMUSG00000101968	7.074518513	11.1298759	7.767661525	4.02728836	2.148583759
ENSMUSG00000101969	7.074518513	6.956172438	3.530755239	5.638203705	10.02672421
ENSMUSG00000101970	0	1.391234488	0.706151048	0.805457672	0
ENSMUSG00000101971	5.65961481	5.56493795	7.767661525	3.221830688	2.864778345
ENSMUSG00000101972	3.537259256	8.347406925	9.179963621	2.416373016	5.013362104
ENSMUSG00000101973	11.31922962	12.52111039	12.71071886	7.249119049	5.729556691

ENSMUSG00000101974	9.196874066	6.956172438	9.179963621	4.02728836	7.87814045
ENSMUSG00000101975	9.196874066	7.651789682	7.061510478	5.638203705	5.013362104
ENSMUSG00000101976	11.31922962	6.260555194	11.29841676	4.02728836	6.445751277
ENSMUSG00000101977	3.537259256	8.347406925	6.35535943	0	2.864778345
ENSMUSG00000101978	1.414903703	0.695617244	1.412302096	0	1.432389173
ENSMUSG00000101979	10.61177777	9.043024169	6.35535943	1.610915344	5.729556691
ENSMUSG00000101980	4.952162959	3.478086219	3.530755239	3.221830688	4.297167518
ENSMUSG00000101981	7.074518513	4.173703463	5.649208382	1.610915344	9.310529622
ENSMUSG00000101982	6.367066661	2.782468975	7.767661525	4.02728836	5.729556691
ENSMUSG00000101983	2.122355554	1.391234488	4.236906287	8.054576721	5.013362104
ENSMUSG00000101984	4.952162959	8.347406925	4.943057334	2.416373016	2.148583759
ENSMUSG00000101985	6.367066661	6.260555194	7.061510478	4.02728836	8.594335036
ENSMUSG00000101986	9.904325918	8.347406925	6.35535943	4.832746033	2.148583759
ENSMUSG00000101987	4.244711108	5.56493795	7.767661525	3.221830688	5.013362104
ENSMUSG00000101988	3.537259256	1.391234488	5.649208382	4.02728836	1.432389173
ENSMUSG00000101989	6.367066661	6.956172438	10.59226572	0.805457672	5.729556691
ENSMUSG00000101990	8.489422215	5.56493795	6.35535943	1.610915344	2.864778345
ENSMUSG00000101991	10.61177777	4.173703463	5.649208382	9.665492065	8.594335036
ENSMUSG00000101992	6.367066661	5.56493795	7.061510478	0.805457672	2.864778345
ENSMUSG00000101993	6.367066661	2.782468975	5.649208382	3.221830688	5.013362104
ENSMUSG00000101994	7.781970364	5.56493795	7.767661525	4.02728836	5.729556691
ENSMUSG00000101995	8.489422215	2.086851731	4.236906287	3.221830688	7.87814045
ENSMUSG00000101996	7.781970364	7.651789682	8.473812573	5.638203705	4.297167518
ENSMUSG00000101997	7.781970364	9.738641413	12.71071886	8.860034393	7.87814045
ENSMUSG00000101998	7.074518513	9.043024169	7.061510478	1.610915344	4.297167518
ENSMUSG00000102000	7.781970364	5.56493795	5.649208382	5.638203705	5.729556691
ENSMUSG00000102001	11.31922962	9.738641413	5.649208382	4.02728836	9.310529622
ENSMUSG00000102002	6.367066661	6.260555194	4.943057334	5.638203705	12.17530797
ENSMUSG00000102003	7.781970364	6.956172438	7.061510478	4.832746033	5.013362104
ENSMUSG00000102004	13.44158517	10.43425866	4.943057334	4.832746033	8.594335036
ENSMUSG00000102005	5.65961481	5.56493795	5.649208382	0.805457672	5.729556691
ENSMUSG00000102006	7.074518513	6.956172438	9.179963621	7.249119049	5.729556691
ENSMUSG00000102007	12.73413332	2.782468975	7.767661525	4.02728836	5.013362104
ENSMUSG00000102008	6.367066661	6.956172438	2.118453143	1.610915344	5.013362104
ENSMUSG00000102009	12.73413332	4.173703463	4.236906287	4.832746033	5.013362104
ENSMUSG00000102010	8.489422215	3.478086219	4.943057334	0.805457672	2.864778345
ENSMUSG00000102011	7.781970364	6.260555194	5.649208382	4.832746033	3.580972932
ENSMUSG00000102012	12.73413332	10.43425866	8.473812573	7.249119049	4.297167518
ENSMUSG00000102013	11.31922962	4.173703463	7.061510478	7.249119049	7.161945863
ENSMUSG00000102014	110.3624888	149.5577074	124.2825844	235.9990979	177.6162574
ENSMUSG00000102015	5.65961481	5.56493795	4.943057334	3.221830688	4.297167518
ENSMUSG00000102016	4.952162959	3.478086219	7.767661525	2.416373016	4.297167518
ENSMUSG00000102017	12.02668147	6.956172438	6.35535943	2.416373016	6.445751277

ENSMUSG00000102019	5.65961481	5.56493795	4.943057334	1.610915344	3.580972932
ENSMUSG00000102020	12.02668147	6.260555194	7.061510478	4.832746033	5.729556691
ENSMUSG00000102021	0	0	0	0	0
ENSMUSG00000102022	3.537259256	6.260555194	3.530755239	5.638203705	3.580972932
ENSMUSG00000102023	7.781970364	3.478086219	7.767661525	5.638203705	4.297167518
ENSMUSG00000102024	9.196874066	6.260555194	7.767661525	4.832746033	9.310529622
ENSMUSG00000102025	2.829807405	4.173703463	2.824604191	0.805457672	5.013362104
ENSMUSG00000102026	4.244711108	4.869320706	7.061510478	2.416373016	2.148583759
ENSMUSG00000102027	7.781970364	4.173703463	11.29841676	7.249119049	6.445751277
ENSMUSG00000102028	10.61177777	7.651789682	10.59226572	9.665492065	2.864778345
ENSMUSG00000102029	7.781970364	4.173703463	5.649208382	4.02728836	7.87814045
ENSMUSG00000102031	9.904325918	1.391234488	4.236906287	3.221830688	2.864778345
ENSMUSG00000102032	4.952162959	2.782468975	4.943057334	4.02728836	2.148583759
ENSMUSG00000102033	12.02668147	12.52111039	4.943057334	2.416373016	7.161945863
ENSMUSG00000102034	0	0	0	0	0
ENSMUSG00000102035	8.489422215	5.56493795	5.649208382	3.221830688	7.161945863
ENSMUSG00000102036	7.781970364	4.869320706	6.35535943	4.832746033	5.013362104
ENSMUSG00000102038	0	0	0	0	0
ENSMUSG00000102039	3.537259256	4.869320706	6.35535943	2.416373016	2.148583759
ENSMUSG00000102040	0	0	0	0.805457672	0
ENSMUSG00000102041	9.904325918	7.651789682	4.943057334	7.249119049	3.580972932
ENSMUSG00000102042	4.244711108	4.869320706	2.824604191	4.832746033	4.297167518
ENSMUSG00000102043	8.489422215	2.782468975	7.767661525	4.02728836	10.02672421
ENSMUSG00000102044	3.537259256	5.56493795	7.767661525	1.610915344	3.580972932
ENSMUSG00000102046	7.781970364	8.347406925	11.29841676	0.805457672	6.445751277
ENSMUSG00000102047	9.904325918	9.738641413	6.35535943	3.221830688	6.445751277
ENSMUSG00000102048	7.074518513	7.651789682	2.118453143	4.02728836	6.445751277
ENSMUSG00000102050	1.414903703	3.478086219	7.767661525	3.221830688	4.297167518
ENSMUSG00000102051	9.196874066	10.43425866	7.061510478	8.860034393	7.161945863
ENSMUSG00000102052	6.367066661	9.738641413	7.061510478	6.443661377	7.161945863
ENSMUSG00000102054	5.65961481	3.478086219	3.530755239	4.02728836	2.148583759
ENSMUSG00000102055	7.781970364	8.347406925	7.061510478	8.860034393	8.594335036
ENSMUSG00000102056	9.904325918	6.260555194	7.767661525	2.416373016	4.297167518
ENSMUSG00000102057	6.367066661	4.869320706	7.767661525	8.054576721	7.87814045
ENSMUSG00000102058	5.65961481	1.391234488	7.061510478	4.02728836	1.432389173
ENSMUSG00000102059	19.10119998	27.82468975	30.36449505	55.57657937	42.97167518
ENSMUSG00000102060	6.367066661	4.869320706	7.061510478	8.054576721	8.594335036
ENSMUSG00000102061	3.537259256	3.478086219	2.118453143	4.832746033	2.148583759
ENSMUSG00000102062	2.122355554	1.391234488	3.530755239	1.610915344	2.148583759
ENSMUSG00000102063	13.44158517	15.30357936	19.06607829	10.47094974	10.7429188
ENSMUSG00000102064	3.537259256	4.173703463	5.649208382	4.832746033	8.594335036
ENSMUSG00000102065	6.367066661	3.478086219	9.886114669	3.221830688	3.580972932
ENSMUSG00000102066	1.414903703	1.391234488	0	0.805457672	1.432389173

ENSMUSG00000102067	7.074518513	7.651789682	9.179963621	5.638203705	7.161945863
ENSMUSG00000102068	6.367066661	7.651789682	8.473812573	0.805457672	6.445751277
ENSMUSG00000102069	6.367066661	4.869320706	3.530755239	2.416373016	6.445751277
ENSMUSG00000102070	0	0	0	0	0
ENSMUSG00000102071	4.244711108	4.869320706	4.236906287	4.02728836	5.729556691
ENSMUSG00000102072	4.244711108	6.956172438	5.649208382	1.610915344	5.013362104
ENSMUSG00000102073	10.61177777	11.1298759	9.179963621	7.249119049	7.161945863
ENSMUSG00000102074	12.73413332	7.651789682	7.767661525	6.443661377	2.148583759
ENSMUSG00000102075	7.781970364	8.347406925	8.473812573	12.88732275	5.729556691
ENSMUSG00000102076	10.61177777	9.043024169	5.649208382	6.443661377	3.580972932
ENSMUSG00000102077	7.781970364	7.651789682	6.35535943	2.416373016	1.432389173
ENSMUSG00000102078	7.781970364	5.56493795	4.943057334	7.249119049	7.161945863
ENSMUSG00000102079	4.952162959	3.478086219	4.943057334	6.443661377	4.297167518
ENSMUSG00000102080	6.367066661	0	1.412302096	2.416373016	1.432389173
ENSMUSG00000102081	4.952162959	4.869320706	4.236906287	4.832746033	4.297167518
ENSMUSG00000102082	6.367066661	9.738641413	10.59226572	5.638203705	8.594335036
ENSMUSG00000102083	9.196874066	5.56493795	5.649208382	11.27640741	3.580972932
ENSMUSG00000102084	6.367066661	10.43425866	15.53532305	12.88732275	13.60769714
ENSMUSG00000102085	9.904325918	4.173703463	9.179963621	4.832746033	4.297167518
ENSMUSG00000102086	6.367066661	11.1298759	9.179963621	8.054576721	12.17530797
ENSMUSG00000102087	6.367066661	4.869320706	4.943057334	3.221830688	7.161945863
ENSMUSG00000102088	9.904325918	3.478086219	7.767661525	2.416373016	2.864778345
ENSMUSG00000102089	12.02668147	7.651789682	14.12302096	5.638203705	5.013362104
ENSMUSG00000102090	8.489422215	5.56493795	11.29841676	2.416373016	2.148583759
ENSMUSG00000102091	9.196874066	10.43425866	4.943057334	4.02728836	5.729556691
ENSMUSG00000102092	8.489422215	4.173703463	2.824604191	0.805457672	7.87814045
ENSMUSG00000102093	9.904325918	12.52111039	17.65377619	12.08186508	10.7429188
ENSMUSG00000102094	2.829807405	0.695617244	2.118453143	1.610915344	2.148583759
ENSMUSG00000102095	1.414903703	2.782468975	2.118453143	4.02728836	3.580972932
ENSMUSG00000102096	12.02668147	6.956172438	10.59226572	4.02728836	4.297167518
ENSMUSG00000102097	55.88869625	100.8645003	89.68118307	124.8459392	115.3073284
ENSMUSG00000102098	12.02668147	4.173703463	8.473812573	3.221830688	7.87814045
ENSMUSG00000102099	10.61177777	9.738641413	4.943057334	4.02728836	5.729556691
ENSMUSG00000102100	9.196874066	4.173703463	4.943057334	5.638203705	8.594335036
ENSMUSG00000102101	114.6071999	143.9927695	98.86114669	265.8010318	201.9668733
ENSMUSG00000102102	9.196874066	4.869320706	2.824604191	4.02728836	3.580972932
ENSMUSG00000102103	4.952162959	3.478086219	12.00456781	3.221830688	7.87814045
ENSMUSG00000102104	4.952162959	5.56493795	9.179963621	2.416373016	5.013362104
ENSMUSG00000102105	11.31922962	6.260555194	7.767661525	5.638203705	7.161945863
ENSMUSG00000102106	7.781970364	9.043024169	7.061510478	4.02728836	6.445751277
ENSMUSG00000102107	5.65961481	4.869320706	2.824604191	2.416373016	5.729556691
ENSMUSG00000102108	4.244711108	4.869320706	7.061510478	0.805457672	1.432389173
ENSMUSG00000102109	9.196874066	6.260555194	5.649208382	4.832746033	7.161945863



ENSMUSG00000102110	8.489422215	4.869320706	3.530755239	3.221830688	2.148583759
ENSMUSG00000102111	7.781970364	5.56493795	7.061510478	3.221830688	4.297167518
ENSMUSG00000102112	98.33580733	140.5146832	117.927225	121.6241085	103.848215
ENSMUSG00000102113	9.904325918	6.260555194	7.767661525	8.054576721	9.310529622
ENSMUSG00000102114	14.14903703	25.73783802	24.71528667	9.665492065	10.02672421
ENSMUSG00000102115	2.829807405	8.347406925	5.649208382	5.638203705	4.297167518
ENSMUSG00000102116	4.952162959	6.956172438	3.530755239	0.805457672	4.297167518
ENSMUSG00000102117	12.73413332	2.086851731	6.35535943	8.860034393	7.161945863
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3.511542615
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54.07775627
7.725393753
2.809234092
5.618468184
9.832319322
9.130010799
3.511542615
1.404617046

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6.320776707
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7.725393753
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4.213851138
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4.213851138
5.618468184

TMM normalized H3K79me2 for selected genes-WT B cells

ID	Naive_1	Naive_2	Naive_3	Activated_1	Activated_2	Activated_3	symbol
ENSMUSG00000038151	4.952162959	12.52111039	9.179963621	41.07834128	26.49919969	35.11542615	Prdm1
ENSMUSG00000022346	25.46826665	54.25814501	60.02283906	206.1971641	137.5093606	146.0801728	Myc
ENSMUSG00000021356	103.9954221	132.1672763	125.6948865	196.531672	141.8065281	150.9963324	Irf4
ENSMUSG00000029687	22.63845924	42.43265187	35.30755239	158.6751614	138.9417498	109.5601296	Ezh2
ENSMUSG00000040270	82.7718666	108.51629	100.2734488	68.46390213	69.47087488	62.50545855	Bach2

	EntrezID	Symbol
1	11416	Slc33a1
2	11486	Ada
3	11534	Adk
4	11658	Alcam
5	11773	Ap2m1
6	11843	Arf4
7	11852	Rhob
8	11975	Atp6v0a1
9	12041	Bckdk
10	12068	Bet1
11	12091	Glb1
12	12142	Prdm1
13	12282	Hyou1
14	12317	Calr
15	12321	Calu
16	12337	Capn5
17	12487	Cd28
18	12495	Entpd1
19	12892	Cpox
20	13034	Ctse
21	13200	Ddost
22	13478	Dpagt1
23	14127	Fcer1g
24	14227	Fkbp2
25	14281	Fos
26	14343	Fut1
27	14583	Gfpt1
28	14828	Hspa5
29	14950	H13
30	14958	H1f0
31	14977	Slc39a7
32	15483	Hsd11b1
33	16364	Irf4
34	16430	Stt3a
35	16534	Kcnn4
36	17025	Alad
37	17064	Cd93
38	17067	Ly6c1
39	17075	Epcam
40	17254	Slc3a2
41	17341	Bhlha15
42	17684	Cited2



	EntrezID	Symbol
43	17748	Mt1
44	17750	Mt2
45	17768	Mthfd2
46	17872	Ppp1r15a
47	18220	Nucb1
48	18453	P4hb
49	18605	Enpp1
50	18669	Abcb1b
51	19011	Endou
52	19074	Prg2
53	19324	Rab1
54	19699	Reln
55	19870	Snord73a
56	20014	Rpn2
57	20104	Rps6
58	20333	Sec22b
59	20338	Sel1l
60	20363	Sepp1
61	20440	St6gal1
62	20498	Slc12a4
63	20539	Slc7a5
64	20568	Slpi
65	20733	Spint2
66	20818	Srprb
67	20832	Ssr4
68	20932	Surf4
69	20969	Sdc1
70	21935	Tnfrsf17
71	21969	Top1
72	22021	Tpst1
73	22027	Hsp90b1
74	22187	Ubb
75	22190	Ubc
76	22381	Wbp5
77	22433	Xbp1
78	24067	Srp54a
79	26363	Btd
80	27053	Asns
81	27267	Cars
82	27362	Dnajb9
83	28075	Desi1
84	28106	D17Wsu104e

	EntrezID	Symbol
85	50708	Hist1h1c
86	50798	Gne
87	52639	Wipi1
88	53381	Prdx4
89	53415	Htatip2
90	53421	Sec61a1
91	53618	Fut8
92	54405	Ndufa1
93	54637	Praf2
94	55978	Ift20
95	56041	Uso1
96	56228	Ube2j1
97	56298	Atl2
98	56334	Tmed2
99	56397	Morf4l2
100	56454	Aldh18a1
101	56463	Snd1
102	56530	Cnpy2
103	56737	Alg2
104	56752	Aldh9a1
105	56844	Tssc4
106	57444	Isg20
107	58203	Zbp1
108	58226	Cacna1h
109	59042	Cope
110	59052	Mettl9
111	60599	Trp53inp1
112	64136	Sdf2l1
113	64209	Herpud1
114	64294	Itn2c
115	64453	Zfp280b
116	65963	Tmem176b
117	66058	Tmem176a
118	66059	Krtcap2
119	66111	Tmed3
120	66120	Fkbp11
121	66155	Ufc1
122	66212	Sec61b
123	66214	Rgcc
124	66251	Arfgap3
125	66256	Ssr2
126	66286	Sec11c

	EntrezID	Symbol
127	66480	Rpl15
128	66616	Snx9
129	66624	Spcs2
130	66663	Uba5
131	66753	Erlec1
132	66913	Kdelr2
133	66967	Edem3
134	67041	Oxct1
135	67075	Magt1
136	67154	Mtdh
137	67180	Yipf5
138	67369	Qpct1
139	67398	Srpr
140	67422	Dhdds
141	67437	Ssr3
142	67458	Ergic1
143	67510	Tvp23b
144	67511	Tmed9
145	67812	Ubxn4
146	67819	Derl1
147	67838	Dnajib11
148	67840	Mrp63
149	67846	Tmem39a
150	67887	Tmem66
151	67941	Rps27l
152	67976	Trabd
153	68038	Chid1
154	68137	Kdelr1
155	68192	Leprotl1
156	68323	Nudt22
157	68520	Zfyve21
158	68526	Gpr155
159	68796	Tmem214
160	69019	Spcs1
161	69038	Tmem258
162	69288	Rhobtb1
163	69550	Bst2
164	69608	Sec24d
165	69806	Slc39a11
166	69816	Mzb1
167	70223	Nars
168	70361	Lman1

	EntrezID	Symbol
169	70377	Derl3
170	71667	Tmem248
171	71853	Pdia6
172	71910	Ppapdc1b
173	72007	Fndc3b
174	72027	Slc39a4
175	72278	Ccpg1
176	72774	Neil1
177	73137	Prrc1
178	73242	Atat1
179	73690	Glipr1
180	74048	4632428N05Rik
181	74211	1700017B05Rik
182	74241	Chpf
183	74325	Cltb
184	74551	Pck2
185	74558	Gvin1
186	74645	Fam46c
187	74766	Yipf2
188	74840	Manf
189	75345	Slamf7
190	76299	Erp44
191	76485	Glt8d1
192	76486	Ly6k
193	76687	Spcs3
194	76737	Creld2
195	76969	Chst1
196	77371	Sec24a
197	77929	Yipf6
198	78943	Ern1
199	80795	Selk
200	81500	Sil1
201	94181	Nans
202	94275	Maged1
203	98238	Lrrc59
204	100434	Slc44a1
205	103963	Rpn1
206	104368	Snora70
207	104370	Snora68
208	104433	Snora62
209	104444	Rexo2
210	104479	Ccdc117

	EntrezID	Symbol
211	105245	Txndc5
212	105670	Rcbtb2
213	106200	Txndc11
214	106389	Eaf2
215	107271	Yars
216	107503	Atf5
217	107513	Ssr1
218	108148	Galnt2
219	108687	Edem2
220	109815	Vimp
221	110172	Slc35b1
222	110611	Hdlbp
223	110920	Hspa13
224	110954	Rpl10
225	111241	Hmga1-rs1
226	114679	Selm
227	140740	Sec63
228	170829	Tram2
229	170834	Oosp1
230	170930	Sumo2
231	192193	Edem1
232	192657	Ell2
233	193813	Mcfd2
234	208647	Creb3l2
235	209027	Pycr1
236	211770	Trib1
237	213233	Tapbpl
238	214048	Larp1b
239	214572	Prmt7
240	216197	Ckap4
241	216440	Os9
242	216443	Mars
243	217310	Hid1
244	217430	Pq1c3
245	217664	Mgat2
246	218335	Clptm1l
247	218442	Serinc5
248	223453	Dap
249	223693	Tmem184b
250	223864	Rapgef3
251	226499	BC003331
252	226744	Cnst

	EntrezID	Symbol
253	227326	Gpr55
254	227619	Man1b1
255	231207	Cpeb2
256	233744	Spon1
257	235431	Coro2b
258	235493	Fam214a
259	238393	Serpina3f
260	242362	Manea
261	266793	Snord87
262	268449	Rpl23a
263	269523	Vcp
264	269823	Pon3
265	269951	Idh2
266	319448	Fndc3a
267	319939	Tns3
268	320299	Iqcb1
269	320560	Dennd5b
270	321022	Cdv3
271	330260	Pon2
272	381308	Mnda
273	433375	Creg1
274	546643	I830127L07Rik
275	100037258	Dnajc3
276	100041546	Ly6c2
277	100042740	Rpl31-ps9
278	100043314	Tigit
279	100043636	AI662270
280	100043872	Rpl17-ps9
281	100101806	Srp54c
282	100216532	Snord2
283	100216534	Snord96a
284	100216540	Snord95
285	100217424	Snord38a
286	100217426	Snord49b
287	100217430	Snord66
288	100217441	Snord23
289	100217452	Snord110
290	100217453	Snord16a
291	100217454	Snord37
292	100217464	Snora41
293	100302498	Snora21
294	100302499	Snora3

	EntrezID	Symbol
295	100302565	Snord68
296	100302593	Snord14d
297	100302594	Snord14e
298	100302601	Snord83b
299	100303740	Snora75
300	100303746	Snora20
301	100504166	4933421O10Rik

## Naive B cells

TMM normalized RNA-seq counts for selected genes

ID	KO1	KO2	KO3	WT1	WT2	WT3	mgi_symbol	FDR
ENSMUSG00000020592	19.65064896	18.70190565	13.02840361	6.18266198	4.102405586	8.106967252	Sdc1	0.001031009
ENSMUSG00000022346	448.1615746	403.1480356	436.0466836	420.9633534	508.2880521	410.4323929	Myc	0.93157378
ENSMUSG00000023067	36.2110749	32.2811154	25.02631202	14.10080802	12.71745732	10.16806062	Cdkn1a	0.002800221
ENSMUSG00000029687	24.28598349	31.95586487	44.53211404	58.78952268	101.1242977	70.76420567	Ezh2	0.007373335
ENSMUSG00000038151	16.60004418	14.14839818	15.31021441	15.13125169	18.15314472	15.93912205	Prdm1	0.885025634
ENSMUSG00000040270	264.7291055	218.9749213	244.6690034	308.8619296	180.3007255	398.7528638	Bach2	0.602749105
ENSMUSG00000021356	772.7934649	714.9819841	1075.910597	1608.197155	1505.68541	2149.85779	Irf4	0.021892103



Activated B cells

TMM normalized RNA-seq counts for selected genes

ID	KO1	KO2	KO3	WT1	WT2	WT3	mgc_symbol	FDR
ENSMUSG00000020592	6.99867486	10.3522085	15.67906325	4.643876153	3.897033692	2.659788762	Sdc1	5.42E-05
ENSMUSG00000022346	59.6637032	62.41952937	85.99987553	126.9326148	125.5092279	130.2346569	Myc	0.027259834
ENSMUSG00000023067	85.0338996	89.12700219	98.68838175	44.25340805	35.50630697	25.83794798	Cdkn1a	0.000159158
ENSMUSG00000029687	417.995856	387.0745889	306.8311505	556.9919692	695.4040121	746.6407025	Ezh2	0.034311075
ENSMUSG00000038151	185.639851	211.3933227	175.1184748	38.97213713	89.26062884	49.87103929	Prdm1	1.80E-06
ENSMUSG00000040270	58.5264185	44.83915162	54.08635987	198.411885	225.4093773	186.945153	Bach2	2.29E-08
ENSMUSG00000021356	528.224985	652.8016924	532.2337056	384.5311567	553.1932112	444.754678	Irf4	0.536623641

HALLMARK\_UNFOLDED\_PROTEIN\_RESPONSE

Genes up-regulated during unfolded protein response, a cellular stress response related to the endoplasmic reticulum.	
1	ALDH18A1
2	ARFGAP1
3	ASNS
4	ATF3
5	ATF4
6	ATF6
7	ATP6V0D1
8	BAG3
9	BANF1
10	CALR
11	CCL2
12	CEBPB
13	CEBPG
14	CHAC1
15	CKS1B
16	CNOT2
17	CNOT4
18	CNOT6
19	CXCL1
20	DCP1A
21	DCP2
22	DCTN1
23	DDIT4
24	DDX10
25	DKC1
26	DNAAJ4
27	DNAAJ9
28	DNAAJ3
29	EDC4
30	EDEM1
31	EIF2
32	EIF2AK3
33	EIF2S1
34	EIF4A1
35	EIF4A2
36	EIF4A3
37	EIF4E
38	EIF4EBP1
39	EIF4G1
40	ERN1
41	ERO1A
42	EXOC2
43	EXOSC1
44	EXOSC10
45	EXOSC2
46	EXOSC4
47	EXOSC5
48	EXOSC9
49	FKBP14
50	FUS
51	GEMIN4
52	GOSR2
53	H2AX
54	HERPUD1
55	HSP90B1
56	HSPA5
57	HSPA9
58	HYOU1
59	IARS1
60	IFIT1
61	IGFBP1
62	IMP3
63	KDEL3
64	KHSRP
65	KIF5B
66	LSM1
67	LSM4
68	MTHFD2
69	MTREX
70	NABP1
71	NFYA
72	NFYB
73	NHP2
74	NOLC1
75	NOP14
76	NOP56
77	NPM1
78	PAIP1
79	PARN
80	PDIAS
81	PDIA6
82	POP4
83	PREB
84	PSA11
85	RPS14
86	RRP9
87	SDAD1
88	SEC11A
89	SEC31A
90	SERP1
91	SHC1
92	SLC14A4
93	SLC30A5
94	SLC7A5
95	SPCS1
96	SPCS3
97	SRPRA
98	SRPFB
99	SSR1
100	STC2
101	TARS1
102	TATDN2
103	TSPYL2
104	TTC37
105	TUBB2A
106	VEGFA
107	WFS1
108	WIPI1
109	XBP1
110	XPO1
111	XIF1A
112	YWHA2
113	ZBTB17

Plasma cells

Negative logFC indicates that a gene is down in EZH2-KO

Postive logFC indicates that a gene is up in EZH2-KO

Gene with FDR < 0.05 is considered significant

ID	logFC	logCPM	PValue	FDR
ENSMUSG00000076614	-3.868375323	6.464137514	4.34E-85	4.97E-81
ENSMUSG00000023067	3.576172399	4.333758708	1.42E-55	8.11E-52
ENSMUSG00000056054	2.787746771	7.271724748	3.87E-54	1.48E-50
ENSMUSG00000040026	3.31804512	4.555347731	9.74E-53	2.79E-49
ENSMUSG00000056071	2.729557355	7.35406546	2.50E-52	5.72E-49
ENSMUSG00000026822	2.897188022	4.873243186	9.64E-46	1.84E-42
ENSMUSG00000022651	2.923019539	4.697358944	2.25E-45	3.68E-42
ENSMUSG00000004951	3.396218848	3.764326957	3.17E-45	4.54E-42
ENSMUSG00000025491	2.925309624	4.383956359	1.24E-42	1.57E-39
ENSMUSG00000029687	-2.456159528	6.295331989	5.80E-41	6.64E-38
ENSMUSG00000027398	2.462194253	6.042965384	1.90E-40	1.98E-37
ENSMUSG00000020176	2.741135141	4.617998933	4.43E-40	4.23E-37
ENSMUSG00000030516	2.756858576	4.476610953	2.94E-39	2.59E-36
ENSMUSG00000005800	3.112338485	3.653475962	7.98E-39	6.53E-36
ENSMUSG00000085723	3.013422682	3.729999287	1.52E-37	1.16E-34
ENSMUSG00000001435	2.667077562	4.31236187	2.78E-36	1.99E-33
ENSMUSG00000064246	2.84869992	3.843591509	3.43E-36	2.31E-33
ENSMUSG00000025608	2.31008614	5.620103392	7.57E-35	4.82E-32
ENSMUSG00000009350	2.881263571	3.55164422	1.85E-34	1.12E-31
ENSMUSG00000041801	3.451438206	2.823216288	1.27E-33	7.28E-31
ENSMUSG00000033508	2.662246421	3.905096929	1.65E-33	9.02E-31
ENSMUSG00000026180	2.494330017	4.374274447	2.33E-33	1.21E-30
ENSMUSG00000015053	3.264771607	2.927379013	8.23E-33	4.10E-30
ENSMUSG00000042453	-2.401747665	4.511739221	1.36E-32	6.48E-30
ENSMUSG00000028859	2.184705711	5.714484642	4.05E-32	1.86E-29
ENSMUSG00000025813	3.089775095	3.07593695	5.28E-32	2.33E-29
ENSMUSG00000021185	2.825056577	3.427106892	7.77E-32	3.30E-29
ENSMUSG00000061186	2.182136731	5.467102995	2.45E-31	1.00E-28
ENSMUSG00000026249	2.487165657	3.943751585	1.52E-30	5.99E-28
ENSMUSG00000032496	2.437766497	4.010248078	6.68E-30	2.55E-27
ENSMUSG00000017737	2.24615287	4.709253703	7.11E-30	2.63E-27
ENSMUSG00000041268	2.569902933	3.65873115	1.06E-29	3.80E-27
ENSMUSG00000076612	-1.955200018	8.065302217	1.16E-29	4.02E-27
ENSMUSG00000022332	3.791498097	2.28627945	1.39E-29	4.68E-27
ENSMUSG00000069792	2.372132577	4.132622297	1.88E-29	6.14E-27
ENSMUSG00000076749	3.746249534	2.23525995	2.65E-29	8.44E-27
ENSMUSG00000051439	2.258780889	4.455297645	4.03E-29	1.25E-26

ENSMUSG00000032484	2.301083588	4.278723248	6.05E-29	1.78E-26
ENSMUSG00000029814	5.805631932	1.569874848	6.05E-29	1.78E-26
ENSMUSG00000034457	8.255238867	1.33621573	3.42E-28	9.80E-26
ENSMUSG00000020396	2.2682889	4.308450957	3.78E-28	1.06E-25
ENSMUSG00000026981	2.563449107	3.465216712	4.82E-28	1.31E-25
ENSMUSG00000029090	3.667904627	2.167294177	1.17E-27	3.13E-25
ENSMUSG00000026073	3.699937593	2.101602986	4.71E-27	1.23E-24
ENSMUSG00000034664	3.292458981	2.4157526	5.74E-27	1.46E-24
ENSMUSG00000001761	2.449223302	3.556846003	1.21E-26	3.00E-24
ENSMUSG00000048376	2.599251696	3.216588622	1.64E-26	4.01E-24
ENSMUSG00000030774	2.651537525	3.090595871	2.26E-26	5.38E-24
ENSMUSG00000029781	3.757319971	2.063101797	2.44E-26	5.70E-24
ENSMUSG00000015647	4.896890955	1.566687691	2.77E-26	6.34E-24
ENSMUSG00000035133	2.378058414	3.643839755	2.96E-26	6.65E-24
ENSMUSG00000026991	2.251857097	3.931436093	4.92E-26	1.08E-23
ENSMUSG00000025351	3.23819871	2.372190714	7.30E-26	1.58E-23
ENSMUSG00000040276	2.446642891	3.405861282	8.38E-26	1.78E-23
ENSMUSG00000027254	3.336327538	2.197820811	2.36E-25	4.90E-23
ENSMUSG00000022824	3.53395698	2.050997594	2.91E-25	5.94E-23
ENSMUSG00000053310	3.129629034	2.39399426	3.17E-25	6.36E-23
ENSMUSG00000018339	1.932545241	5.330803714	3.36E-25	6.64E-23
ENSMUSG00000052212	2.901957776	2.659533406	3.49E-25	6.77E-23
ENSMUSG00000050953	2.320456648	3.589158631	8.42E-25	1.61E-22
ENSMUSG00000024659	2.035524887	4.468596785	1.30E-24	2.43E-22
ENSMUSG00000096883	1.958641106	4.944187301	1.41E-24	2.60E-22
ENSMUSG00000045763	2.07830191	4.235488152	1.44E-24	2.61E-22
ENSMUSG00000031075	8.011912738	1.117719119	1.48E-24	2.65E-22
ENSMUSG00000052160	1.77405696	7.007017391	2.04E-24	3.60E-22
ENSMUSG00000051748	2.719208404	2.752424059	2.72E-24	4.72E-22
ENSMUSG00000027333	2.567639762	2.956332363	5.95E-24	1.02E-21
ENSMUSG00000030789	2.333145195	3.381852901	7.21E-24	1.21E-21
ENSMUSG00000053965	3.338730488	2.048851818	9.17E-24	1.52E-21
ENSMUSG00000047844	2.169142786	3.839649691	9.39E-24	1.54E-21
ENSMUSG00000015143	1.971122122	4.563508227	1.03E-23	1.65E-21
ENSMUSG00000020642	2.001963168	4.342156818	2.54E-23	4.04E-21
ENSMUSG00000037095	2.151880121	3.752252287	4.18E-23	6.56E-21
ENSMUSG00000030302	4.68528148	1.379679118	7.93E-23	1.23E-20
ENSMUSG00000000253	4.976192329	1.292120327	9.99E-23	1.53E-20
ENSMUSG00000031785	2.009602893	4.160000924	1.48E-22	2.22E-20
ENSMUSG00000000552	2.028704149	4.040991179	1.53E-22	2.28E-20
ENSMUSG00000068744	2.104732996	3.783939324	1.65E-22	2.42E-20
ENSMUSG00000031824	1.787202748	5.55107367	1.68E-22	2.44E-20
ENSMUSG00000000204	2.26975249	3.291760335	2.88E-22	4.13E-20

ENSMUSG00000059852	3.145896423	2.105880289	2.96E-22	4.18E-20
ENSMUSG00000047990	3.184181591	2.073158552	3.09E-22	4.32E-20
ENSMUSG00000027199	2.022227908	3.968971309	3.89E-22	5.37E-20
ENSMUSG00000030144	2.297302096	3.233814796	4.67E-22	6.37E-20
ENSMUSG00000044258	2.741171104	2.438865325	1.12E-21	1.50E-19
ENSMUSG00000026837	2.221895844	3.363565235	1.27E-21	1.70E-19
ENSMUSG00000026131	1.930963174	4.197285154	1.59E-21	2.09E-19
ENSMUSG00000022257	2.300655341	3.087179305	1.81E-21	2.36E-19
ENSMUSG00000079293	2.130889745	3.50283443	1.88E-21	2.42E-19
ENSMUSG00000051855	3.762226934	1.582578971	2.88E-21	3.67E-19
ENSMUSG00000025104	3.018343705	2.055359673	3.58E-21	4.50E-19
ENSMUSG00000021069	1.798749916	4.844657685	4.24E-21	5.28E-19
ENSMUSG00000040209	2.520332397	2.653383954	4.67E-21	5.75E-19
ENSMUSG00000021796	2.294947963	3.027204274	4.91E-21	5.98E-19
ENSMUSG00000028556	1.982140552	3.924364599	5.40E-21	6.50E-19
ENSMUSG00000038702	-2.624583154	2.469761681	5.86E-21	7.00E-19
ENSMUSG00000023828	3.203273948	1.935080894	6.27E-21	7.40E-19
ENSMUSG00000040016	4.02401215	1.495149951	8.15E-21	9.43E-19
ENSMUSG00000035914	3.842199652	1.50238524	8.15E-21	9.43E-19
ENSMUSG00000025743	1.670501257	6.015512782	8.73E-21	1.00E-18
ENSMUSG00000058794	1.927762875	4.046455871	9.54E-21	1.08E-18
ENSMUSG00000057729	2.666534886	2.414416773	1.33E-20	1.50E-18
ENSMUSG00000039735	2.441980393	2.707626912	1.56E-20	1.72E-18
ENSMUSG00000031919	1.932512074	3.96012045	1.57E-20	1.72E-18
ENSMUSG00000058624	1.689049069	5.56898174	1.72E-20	1.88E-18
ENSMUSG00000026390	1.673083373	5.731608472	1.78E-20	1.91E-18
ENSMUSG00000033207	-2.578074677	2.463587768	1.79E-20	1.91E-18
ENSMUSG00000070436	2.633518879	2.384616843	2.03E-20	2.16E-18
ENSMUSG00000037306	1.950372561	3.853757033	2.37E-20	2.49E-18
ENSMUSG00000033066	1.789449701	4.646768853	2.48E-20	2.58E-18
ENSMUSG00000030341	1.912299024	3.977435464	3.43E-20	3.54E-18
ENSMUSG00000049313	1.608751975	6.482012458	3.52E-20	3.60E-18
ENSMUSG00000023349	1.803782334	4.468521235	3.64E-20	3.69E-18
ENSMUSG00000040152	2.9237432	2.036894957	3.92E-20	3.94E-18
ENSMUSG00000021687	2.102594284	3.363637647	3.99E-20	3.97E-18
ENSMUSG00000035184	3.582334085	1.564335505	4.70E-20	4.64E-18
ENSMUSG00000060147	1.752624313	4.791832787	4.84E-20	4.74E-18
ENSMUSG00000038357	2.668875907	2.334280755	5.36E-20	5.20E-18
ENSMUSG00000026778	2.517207187	2.513975378	6.15E-20	5.92E-18
ENSMUSG00000017493	2.318447929	2.785760802	6.28E-20	5.99E-18
ENSMUSG00000032261	1.988185273	3.635272683	8.05E-20	7.62E-18
ENSMUSG00000071068	1.865672096	4.078626097	8.59E-20	8.07E-18
ENSMUSG00000022010	1.796708753	4.408670234	1.01E-19	9.45E-18

ENSMUSG00000020846	2.032505502	3.435111759	1.05E-19	9.71E-18
ENSMUSG00000047953	3.082247453	1.908539938	1.10E-19	1.00E-17
ENSMUSG00000044303	2.128885792	3.224550346	1.14E-19	1.04E-17
ENSMUSG00000073418	4.028327883	1.301392937	1.56E-19	1.41E-17
ENSMUSG00000042265	2.214020204	2.962943667	1.58E-19	1.42E-17
ENSMUSG00000024053	1.623051294	5.8138185	1.78E-19	1.58E-17
ENSMUSG00000037708	3.929722771	1.414056259	2.04E-19	1.80E-17
ENSMUSG00000002944	-1.532580159	8.439095407	2.18E-19	1.91E-17
ENSMUSG00000029082	2.668158127	2.252634142	2.29E-19	1.99E-17
ENSMUSG00000040809	1.776924561	4.383663021	2.60E-19	2.24E-17
ENSMUSG00000005397	1.700346322	4.836938757	3.25E-19	2.77E-17
ENSMUSG00000030124	1.744793998	4.530121453	3.76E-19	3.19E-17
ENSMUSG00000078763	2.353469859	2.596852532	5.59E-19	4.71E-17
ENSMUSG00000048528	3.027308852	1.864236717	5.70E-19	4.77E-17
ENSMUSG00000029810	1.845783716	3.899971613	6.40E-19	5.31E-17
ENSMUSG00000024675	1.813163068	4.097659375	6.76E-19	5.57E-17
ENSMUSG00000004609	2.236959511	2.832521244	8.90E-19	7.28E-17
ENSMUSG00000034573	2.680321809	2.171433816	1.05E-18	8.52E-17
ENSMUSG00000040447	2.280621717	2.741736517	1.30E-18	1.04E-16
ENSMUSG00000021559	2.790593547	2.049113673	1.30E-18	1.04E-16
ENSMUSG00000030117	2.159161609	2.98914522	1.34E-18	1.06E-16
ENSMUSG00000027200	1.954197504	3.441433416	1.47E-18	1.16E-16
ENSMUSG00000031563	2.238583102	2.789876666	1.64E-18	1.29E-16
ENSMUSG00000030970	2.028466042	3.239969334	2.60E-18	2.03E-16
ENSMUSG00000037902	1.507893198	6.935980979	2.67E-18	2.06E-16
ENSMUSG00000023443	7.503980693	0.675116735	3.11E-18	2.39E-16
ENSMUSG00000029135	1.9545368	3.413333079	3.13E-18	2.39E-16
ENSMUSG00000021806	1.89596427	3.57210005	3.49E-18	2.65E-16
ENSMUSG00000020407	2.462163697	2.323296452	3.61E-18	2.72E-16
ENSMUSG00000015243	1.578347975	5.550792995	3.71E-18	2.78E-16
ENSMUSG00000012428	2.109167995	2.966836913	5.00E-18	3.72E-16
ENSMUSG00000029644	7.486634577	0.65933405	5.27E-18	3.89E-16
ENSMUSG00000068747	1.683516256	4.509439279	5.60E-18	4.11E-16
ENSMUSG00000050989	2.040100106	3.151537928	5.63E-18	4.11E-16
ENSMUSG00000022844	3.173608204	1.659217544	5.97E-18	4.33E-16
ENSMUSG00000032690	2.662833311	2.048039118	6.46E-18	4.66E-16
ENSMUSG00000062593	1.863240733	3.628222616	7.38E-18	5.28E-16
ENSMUSG00000073491	2.093718975	2.927641938	9.15E-18	6.51E-16
ENSMUSG00000092035	4.072053288	1.119350746	1.01E-17	7.17E-16
ENSMUSG00000032231	1.642570188	4.679015229	1.14E-17	8.02E-16
ENSMUSG00000006445	3.18163019	1.563931323	1.16E-17	8.13E-16
ENSMUSG00000005540	1.555649822	5.305024724	2.26E-17	1.57E-15
ENSMUSG00000033083	2.100399582	2.848009788	2.65E-17	1.83E-15

ENSMUSG00000026739	1.451931789	6.982708511	3.83E-17	2.62E-15
ENSMUSG00000021281	1.463947389	6.591824028	4.06E-17	2.76E-15
ENSMUSG00000001025	1.701879553	4.069992367	5.12E-17	3.47E-15
ENSMUSG00000054404	1.912345917	3.23001233	5.99E-17	4.04E-15
ENSMUSG00000055485	2.066195371	2.889141559	6.29E-17	4.21E-15
ENSMUSG00000030474	1.709707409	3.951887477	7.83E-17	5.21E-15
ENSMUSG00000062866	2.134305691	2.664107972	7.92E-17	5.24E-15
ENSMUSG00000032802	2.829285558	1.779235628	9.42E-17	6.20E-15
ENSMUSG00000028063	1.548453224	5.062464389	1.07E-16	6.99E-15
ENSMUSG00000021453	2.002986584	2.966403232	1.08E-16	7.01E-15
ENSMUSG00000021108	1.868551017	3.308037311	1.13E-16	7.29E-15
ENSMUSG00000044103	2.421800333	2.173230312	1.14E-16	7.35E-15
ENSMUSG00000034361	1.770491851	3.704426638	1.22E-16	7.78E-15
ENSMUSG00000026490	1.632458827	4.408403848	1.26E-16	8.00E-15
ENSMUSG00000023132	2.152898415	2.632366745	1.26E-16	8.00E-15
ENSMUSG00000026700	5.596106579	0.678203506	1.50E-16	9.45E-15
ENSMUSG00000003436	2.595660822	1.944104214	1.75E-16	1.09E-14
ENSMUSG00000027663	1.517937687	5.199871193	1.85E-16	1.15E-14
ENSMUSG00000024399	1.529112989	5.023773257	2.06E-16	1.27E-14
ENSMUSG00000031434	4.187185567	0.951938087	2.09E-16	1.29E-14
ENSMUSG00000039953	1.638668974	4.227239643	2.22E-16	1.36E-14
ENSMUSG00000046152	3.956595182	1.021075303	2.37E-16	1.44E-14
ENSMUSG00000021477	1.600394074	4.422449972	2.41E-16	1.46E-14
ENSMUSG00000026796	1.981411766	2.942219412	3.27E-16	1.97E-14
ENSMUSG00000028064	1.758297146	3.626019836	3.39E-16	2.03E-14
ENSMUSG00000030747	2.263053218	2.375766761	3.70E-16	2.21E-14
ENSMUSG00000022607	1.662561118	3.996921828	3.79E-16	2.25E-14
ENSMUSG00000045551	1.732171579	3.693288723	3.94E-16	2.32E-14
ENSMUSG00000015846	1.782619992	3.501084766	4.29E-16	2.52E-14
ENSMUSG00000043940	1.614347168	4.229231059	5.31E-16	3.10E-14
ENSMUSG00000032547	1.518217059	4.932683498	5.62E-16	3.27E-14
ENSMUSG00000022126	2.243464263	2.402151248	7.22E-16	4.18E-14
ENSMUSG00000022246	3.146702359	1.436229004	7.26E-16	4.18E-14
ENSMUSG00000016255	3.468807517	1.184891194	8.08E-16	4.62E-14
ENSMUSG00000032324	1.547708595	4.573547815	9.00E-16	5.13E-14
ENSMUSG00000035004	1.514712996	4.815595102	1.03E-15	5.82E-14
ENSMUSG00000026579	3.243698771	1.279028424	1.36E-15	7.67E-14
ENSMUSG00000015437	3.569503099	1.105549367	1.37E-15	7.68E-14
ENSMUSG00000095115	1.777070427	3.361860022	1.38E-15	7.68E-14
ENSMUSG00000020432	1.667330234	3.809990287	1.71E-15	9.50E-14
ENSMUSG00000001281	1.501999973	4.77132462	1.90E-15	1.05E-13
ENSMUSG00000070803	1.673286898	3.769012698	1.94E-15	1.07E-13
ENSMUSG00000019996	1.719312011	3.550338871	2.00E-15	1.10E-13

ENSMUSG00000040322	1.739872965	3.513906716	2.18E-15	1.19E-13
ENSMUSG00000029915	2.429752663	2.01144419	2.66E-15	1.44E-13
ENSMUSG00000021118	2.646885512	1.764248279	2.80E-15	1.51E-13
ENSMUSG00000089942	1.658492627	3.743403446	2.83E-15	1.52E-13
ENSMUSG00000071637	2.035351011	2.619617715	2.88E-15	1.54E-13
ENSMUSG00000089715	1.682709969	3.684021198	3.21E-15	1.71E-13
ENSMUSG00000018387	3.263203267	1.300635197	3.67E-15	1.95E-13
ENSMUSG00000004044	2.464348695	1.944282933	3.73E-15	1.96E-13
ENSMUSG00000002190	2.726003323	1.691783561	3.73E-15	1.96E-13
ENSMUSG00000031428	-1.402124937	5.7429611	3.95E-15	2.06E-13
ENSMUSG00000005533	1.597971077	4.006599384	4.04E-15	2.10E-13
ENSMUSG00000023367	1.731106003	3.39070931	4.32E-15	2.24E-13
ENSMUSG00000017466	1.753594575	3.318085028	4.97E-15	2.57E-13
ENSMUSG00000038058	1.592537683	3.961590311	5.36E-15	2.75E-13
ENSMUSG00000047181	1.544299004	4.33366954	5.37E-15	2.75E-13
ENSMUSG00000038235	1.849717321	3.013851496	6.55E-15	3.33E-13
ENSMUSG00000026879	1.495494104	4.543217116	6.75E-15	3.42E-13
ENSMUSG00000020841	1.365116137	6.141043683	7.18E-15	3.62E-13
ENSMUSG00000002108	1.648629942	3.654985031	7.36E-15	3.70E-13
ENSMUSG00000020125	3.002572075	1.421956139	7.86E-15	3.93E-13
ENSMUSG00000036391	-1.31810682	8.058832272	8.03E-15	4.00E-13
ENSMUSG00000062184	2.112698632	2.425029483	8.09E-15	4.01E-13
ENSMUSG00000042680	1.674712905	3.602172748	8.14E-15	4.02E-13
ENSMUSG00000020961	2.156408955	2.324596334	8.86E-15	4.36E-13
ENSMUSG00000021676	1.493078361	4.562306899	9.54E-15	4.67E-13
ENSMUSG00000032446	2.731753051	1.620766708	1.01E-14	4.91E-13
ENSMUSG00000023328	2.606298929	1.794557733	1.01E-14	4.91E-13
ENSMUSG00000070348	2.05294211	2.480107559	1.04E-14	5.04E-13
ENSMUSG00000031877	1.375580506	5.900181408	1.14E-14	5.48E-13
ENSMUSG00000073002	1.62476342	3.757680314	1.14E-14	5.48E-13
ENSMUSG00000052305	1.495154003	4.568326492	1.21E-14	5.77E-13
ENSMUSG00000027068	2.825522207	1.457152455	1.23E-14	5.82E-13
ENSMUSG00000005672	1.430031126	5.085946334	1.23E-14	5.82E-13
ENSMUSG00000040314	2.649393693	1.621358525	1.42E-14	6.71E-13
ENSMUSG00000059970	1.478038021	4.554554273	1.45E-14	6.79E-13
ENSMUSG00000030413	1.657745107	3.538246536	1.71E-14	8.01E-13
ENSMUSG00000030214	1.391921013	5.354049304	1.74E-14	8.10E-13
ENSMUSG00000001270	1.316126851	6.974417118	1.90E-14	8.79E-13
ENSMUSG00000036478	1.306118799	7.323661805	2.15E-14	9.94E-13
ENSMUSG00000000957	1.492882575	4.418205589	2.19E-14	1.01E-12
ENSMUSG00000024913	1.745564112	3.189552436	2.27E-14	1.04E-12
ENSMUSG00000079445	2.85397126	1.391969959	2.43E-14	1.11E-12
ENSMUSG00000015854	1.394962568	5.187538335	2.81E-14	1.28E-12



ENSMUSG00000022180	1.504864844	4.258827996	2.92E-14	1.32E-12
ENSMUSG00000031681	2.378415115	1.865091871	3.19E-14	1.44E-12
ENSMUSG00000028698	1.804042513	2.943516038	3.33E-14	1.50E-12
ENSMUSG00000044708	1.580046209	3.757003272	3.51E-14	1.57E-12
ENSMUSG00000022995	3.319102325	1.064336175	3.73E-14	1.66E-12
ENSMUSG00000052270	1.573625422	3.802045503	4.01E-14	1.78E-12
ENSMUSG00000031722	1.385468234	5.181038048	4.25E-14	1.88E-12
ENSMUSG00000025877	1.999491152	2.488217152	4.35E-14	1.92E-12
ENSMUSG00000002997	1.357523916	5.562050028	5.17E-14	2.27E-12
ENSMUSG00000029372	2.553654888	1.681559088	5.32E-14	2.33E-12
ENSMUSG00000022297	2.099190972	2.322575786	5.43E-14	2.36E-12
ENSMUSG00000035168	1.8237594	2.85182713	5.51E-14	2.39E-12
ENSMUSG00000040520	-1.272155393	7.950170455	6.48E-14	2.80E-12
ENSMUSG00000031441	1.641876203	3.405946117	6.60E-14	2.84E-12
ENSMUSG00000020333	1.888116715	2.742043233	6.96E-14	2.99E-12
ENSMUSG00000020108	1.368501152	5.245653421	7.07E-14	3.02E-12
ENSMUSG00000056529	1.910048974	2.663002253	7.33E-14	3.12E-12
ENSMUSG00000028717	1.332539254	5.833463655	7.58E-14	3.22E-12
ENSMUSG00000060591	1.413364958	4.75098433	7.74E-14	3.27E-12
ENSMUSG00000018906	2.589292985	1.572531259	7.97E-14	3.36E-12
ENSMUSG00000031383	2.000478584	2.435880373	8.18E-14	3.43E-12
ENSMUSG00000052852	3.553424159	0.907589447	8.37E-14	3.50E-12
ENSMUSG00000025665	5.316701805	0.446860226	8.41E-14	3.50E-12
ENSMUSG00000024164	1.306205826	6.134181521	8.57E-14	3.55E-12
ENSMUSG00000022040	1.989187971	2.532363021	9.16E-14	3.79E-12
ENSMUSG00000014599	2.606447758	1.517073611	1.14E-13	4.71E-12
ENSMUSG00000013236	1.571424969	3.631843753	1.15E-13	4.71E-12
ENSMUSG00000052749	1.560488288	3.67999944	1.22E-13	4.99E-12
ENSMUSG00000036362	1.640656531	3.34181821	1.27E-13	5.19E-12
ENSMUSG00000030069	4.207644498	0.639986136	1.57E-13	6.36E-12
ENSMUSG00000049532	3.056392548	1.129997664	1.82E-13	7.38E-12
ENSMUSG00000003617	1.771489957	2.843870071	1.84E-13	7.40E-12
ENSMUSG00000015597	1.36302731	4.960456558	2.07E-13	8.32E-12
ENSMUSG00000026435	2.05305626	2.205361105	2.11E-13	8.47E-12
ENSMUSG00000074141	1.393229548	4.601838435	2.23E-13	8.89E-12
ENSMUSG00000037944	1.687167859	3.086497342	2.27E-13	9.03E-12
ENSMUSG00000004359	1.488576624	3.918938982	2.39E-13	9.45E-12
ENSMUSG00000024989	-1.297605167	5.878371427	2.39E-13	9.45E-12
ENSMUSG00000022148	1.352463583	5.026942599	2.55E-13	1.00E-11
ENSMUSG00000059336	1.390134157	4.679445405	2.84E-13	1.11E-11
ENSMUSG00000075014	1.560515188	3.697260728	3.17E-13	1.24E-11
ENSMUSG00000018398	1.278583099	6.095623376	3.22E-13	1.25E-11
ENSMUSG00000030089	1.812922151	2.762394802	3.27E-13	1.27E-11

ENSMUSG00000037455	3.494619999	0.860789511	3.28E-13	1.27E-11
ENSMUSG00000021375	1.563503887	3.519600157	3.69E-13	1.42E-11
ENSMUSG00000030029	1.86015338	2.656877007	3.73E-13	1.43E-11
ENSMUSG00000027692	1.964780795	2.356354102	4.01E-13	1.53E-11
ENSMUSG00000039611	2.27898325	1.853148412	4.20E-13	1.60E-11
ENSMUSG00000030852	1.672133925	3.075124935	4.32E-13	1.64E-11
ENSMUSG00000004508	1.657275271	3.16028821	4.52E-13	1.71E-11
ENSMUSG00000040711	2.814154089	1.266721012	4.91E-13	1.86E-11
ENSMUSG00000046442	1.627916141	3.234959666	5.09E-13	1.92E-11
ENSMUSG00000003992	1.65420837	3.179231529	5.11E-13	1.92E-11
ENSMUSG00000000320	3.484033367	0.847419104	5.18E-13	1.93E-11
ENSMUSG00000027864	3.477697186	0.844668579	5.18E-13	1.93E-11
ENSMUSG00000037972	1.281297853	5.783859153	5.45E-13	2.03E-11
ENSMUSG00000027533	1.42202424	4.220525144	6.46E-13	2.39E-11
ENSMUSG00000032340	3.320898223	0.90725334	6.48E-13	2.39E-11
ENSMUSG00000067336	1.489476942	3.784005717	6.61E-13	2.43E-11
ENSMUSG00000037410	1.346314111	4.804015692	6.87E-13	2.51E-11
ENSMUSG00000020661	1.330799549	4.949256634	6.87E-13	2.51E-11
ENSMUSG00000032020	1.433997848	4.088514826	6.91E-13	2.52E-11
ENSMUSG00000030339	1.896928752	2.442206185	7.25E-13	2.63E-11
ENSMUSG00000055013	1.536255951	3.593991973	7.69E-13	2.79E-11
ENSMUSG00000024451	1.522691792	3.619292092	7.73E-13	2.79E-11
ENSMUSG00000015568	1.537221247	3.583992084	8.31E-13	2.99E-11
ENSMUSG00000022994	1.469857492	3.958756939	8.40E-13	3.02E-11
ENSMUSG00000090523	1.351761468	4.731144559	9.28E-13	3.32E-11
ENSMUSG00000054855	2.539744463	1.462873007	9.46E-13	3.37E-11
ENSMUSG00000034445	1.393598257	4.289665514	9.47E-13	3.37E-11
ENSMUSG00000032418	2.993453735	1.080549266	9.51E-13	3.37E-11
ENSMUSG00000049999	2.581259358	1.42294586	9.90E-13	3.50E-11
ENSMUSG00000024397	1.740072693	2.772478749	9.94E-13	3.50E-11
ENSMUSG00000024030	1.293707745	5.350053513	1.00E-12	3.52E-11
ENSMUSG00000004730	1.273700678	5.578425194	1.13E-12	3.95E-11
ENSMUSG00000074758	-1.45893313	3.817426779	1.16E-12	4.04E-11
ENSMUSG00000035105	2.381521671	1.668750468	1.21E-12	4.22E-11
ENSMUSG00000039153	1.846884042	2.518241652	1.22E-12	4.22E-11
ENSMUSG00000048537	2.097170764	2.039714683	1.33E-12	4.61E-11
ENSMUSG00000021701	1.83006425	2.533603866	1.34E-12	4.62E-11
ENSMUSG00000025993	1.236746542	6.182708764	1.37E-12	4.72E-11
ENSMUSG00000073940	1.507990007	3.664650522	1.48E-12	5.09E-11
ENSMUSG00000022265	1.513051559	3.596091495	1.50E-12	5.14E-11
ENSMUSG00000038740	1.309237311	4.999691133	1.51E-12	5.15E-11
ENSMUSG00000034845	1.471212456	3.743568389	1.56E-12	5.31E-11
ENSMUSG00000058818	1.299007401	5.029752466	1.84E-12	6.25E-11

ENSMUSG00000037138	1.33334804	4.651214853	1.87E-12	6.31E-11
ENSMUSG00000058755	2.138257366	1.957941808	1.89E-12	6.35E-11
ENSMUSG00000051339	1.758121901	2.672817901	1.95E-12	6.55E-11
ENSMUSG00000034981	3.268888055	0.860761614	2.47E-12	8.28E-11
ENSMUSG00000030742	2.128641841	1.945373752	2.49E-12	8.33E-11
ENSMUSG00000032661	1.721441423	2.749029128	2.53E-12	8.44E-11
ENSMUSG00000044534	1.605636906	3.069876245	2.54E-12	8.45E-11
ENSMUSG00000071226	1.29066821	5.061268793	2.67E-12	8.85E-11
ENSMUSG00000041831	-1.598374048	3.072716237	2.68E-12	8.86E-11
ENSMUSG00000056220	1.56291453	3.256365118	2.93E-12	9.64E-11
ENSMUSG00000060063	1.386306865	4.126920974	2.94E-12	9.64E-11
ENSMUSG00000049577	1.220992733	6.155958019	2.99E-12	9.77E-11
ENSMUSG00000054752	1.980267752	2.162612868	3.06E-12	9.98E-11
ENSMUSG00000020900	1.224513949	6.004771386	3.28E-12	1.07E-10
ENSMUSG00000046999	2.939225754	1.038395061	3.30E-12	1.07E-10
ENSMUSG00000060703	1.540213624	3.316336848	3.32E-12	1.07E-10
ENSMUSG00000074417	1.98761941	2.093221601	3.47E-12	1.12E-10
ENSMUSG00000024986	1.451465788	3.693238984	3.55E-12	1.14E-10
ENSMUSG00000005580	1.890645419	2.363470122	3.56E-12	1.14E-10
ENSMUSG00000068115	1.669793337	2.890321835	3.64E-12	1.16E-10
ENSMUSG00000019832	1.48491441	3.516363511	3.72E-12	1.19E-10
ENSMUSG00000021589	1.793107587	2.55291127	4.02E-12	1.28E-10
ENSMUSG00000027556	1.179450678	7.584046651	4.05E-12	1.28E-10
ENSMUSG00000002808	1.426877568	3.883272845	4.33E-12	1.37E-10
ENSMUSG00000031438	1.799028357	2.567742622	4.35E-12	1.37E-10
ENSMUSG00000033170	2.652918629	1.324017202	4.44E-12	1.39E-10
ENSMUSG00000001986	2.564280844	1.335517956	4.44E-12	1.39E-10
ENSMUSG00000013033	1.403030104	3.944968586	4.61E-12	1.44E-10
ENSMUSG00000043740	1.721102941	2.704743932	4.68E-12	1.46E-10
ENSMUSG00000004562	1.71956769	2.733100062	5.36E-12	1.67E-10
ENSMUSG00000033880	1.224809671	5.787321283	5.41E-12	1.68E-10
ENSMUSG00000001089	1.2984066	4.697106995	5.44E-12	1.68E-10
ENSMUSG00000061878	1.336597552	4.419609005	5.59E-12	1.73E-10
ENSMUSG00000003534	3.225466147	0.828631061	6.05E-12	1.86E-10
ENSMUSG00000022438	1.285759189	4.844713797	6.24E-12	1.91E-10
ENSMUSG00000048458	1.928757594	2.186135586	6.37E-12	1.95E-10
ENSMUSG00000037907	1.699911738	2.686383087	6.41E-12	1.96E-10
ENSMUSG00000008193	1.219434546	5.694582609	6.77E-12	2.06E-10
ENSMUSG00000019982	1.207415955	5.909405647	6.78E-12	2.06E-10
ENSMUSG00000024778	1.763177825	2.527352612	6.90E-12	2.09E-10
ENSMUSG00000029322	1.185047119	6.479230912	7.30E-12	2.21E-10
ENSMUSG00000031024	1.826711057	2.44864435	7.65E-12	2.31E-10
ENSMUSG00000015305	1.495417055	3.380190289	8.03E-12	2.41E-10

ENSMUSG00000021200	1.540816948	3.176247104	8.26E-12	2.47E-10
ENSMUSG00000006356	1.38717185	3.963843634	8.27E-12	2.47E-10
ENSMUSG00000019478	1.632774522	2.90917302	8.54E-12	2.55E-10
ENSMUSG00000032089	1.216715129	5.630002027	8.72E-12	2.59E-10
ENSMUSG00000047735	1.221452616	5.538994785	9.08E-12	2.69E-10
ENSMUSG00000040061	1.311470171	4.433165612	9.23E-12	2.73E-10
ENSMUSG00000020644	1.375341998	3.96781636	9.27E-12	2.73E-10
ENSMUSG00000030786	1.211612818	5.7321143	9.29E-12	2.73E-10
ENSMUSG00000029287	1.486104705	3.417082384	9.52E-12	2.79E-10
ENSMUSG00000046546	1.372232441	3.950745231	9.53E-12	2.79E-10
ENSMUSG00000026153	2.158729458	1.801294317	9.79E-12	2.86E-10
ENSMUSG00000020376	1.214217396	5.653042117	9.88E-12	2.88E-10
ENSMUSG00000030579	1.268822404	4.849764507	1.00E-11	2.92E-10
ENSMUSG00000047798	1.440586486	3.597821512	1.02E-11	2.95E-10
ENSMUSG00000036006	1.184633483	6.177789304	1.08E-11	3.12E-10
ENSMUSG00000028919	2.981026618	0.937752899	1.12E-11	3.22E-10
ENSMUSG00000029561	1.947211423	2.140214682	1.20E-11	3.46E-10
ENSMUSG00000032359	1.180003678	6.235739277	1.21E-11	3.46E-10
ENSMUSG00000025701	2.034000464	1.951070385	1.33E-11	3.80E-10
ENSMUSG00000018927	1.316033995	4.318196317	1.41E-11	4.03E-10
ENSMUSG00000041817	2.469039128	1.414148715	1.45E-11	4.12E-10
ENSMUSG00000027799	-2.446036169	1.398074513	1.45E-11	4.12E-10
ENSMUSG00000030000	1.253456782	5.001067343	1.48E-11	4.20E-10
ENSMUSG00000029373	3.172378376	0.783753082	1.49E-11	4.21E-10
ENSMUSG00000044005	1.934906279	2.134351923	1.54E-11	4.35E-10
ENSMUSG00000028459	1.301605193	4.352949257	1.59E-11	4.47E-10
ENSMUSG00000004328	1.815313919	2.36154381	1.65E-11	4.63E-10
ENSMUSG00000036887	1.356635536	3.992493269	1.65E-11	4.63E-10
ENSMUSG00000018909	1.173728016	6.188931754	1.77E-11	4.95E-10
ENSMUSG00000032698	1.169895167	6.263414969	1.78E-11	4.95E-10
ENSMUSG00000031170	1.319703809	4.294452131	1.79E-11	4.97E-10
ENSMUSG00000039741	1.866336043	2.223889561	1.79E-11	4.97E-10
ENSMUSG00000038764	1.995537178	1.965675666	1.97E-11	5.46E-10
ENSMUSG00000002602	1.268809778	4.592528312	2.00E-11	5.52E-10
ENSMUSG00000022892	1.264903751	4.681957588	2.08E-11	5.72E-10
ENSMUSG00000056290	1.761018248	2.413943078	2.08E-11	5.72E-10
ENSMUSG00000030659	1.357484432	3.945127056	2.09E-11	5.73E-10
ENSMUSG00000001128	1.204196689	5.449315879	2.10E-11	5.75E-10
ENSMUSG00000037336	1.278131775	4.607607466	2.12E-11	5.77E-10
ENSMUSG00000043300	2.276946014	1.583719581	2.18E-11	5.92E-10
ENSMUSG00000060512	2.48815923	1.361362822	2.29E-11	6.21E-10
ENSMUSG00000026463	1.197479389	5.579770114	2.31E-11	6.24E-10
ENSMUSG00000033209	1.46916846	3.320232361	2.31E-11	6.24E-10

ENSMUSG0000007379	1.844359981	2.272280128	2.34E-11	6.30E-10
ENSMUSG00000052928	2.643798714	1.130304994	2.40E-11	6.46E-10
ENSMUSG00000022584	1.156280587	6.411389881	2.44E-11	6.54E-10
ENSMUSG00000003526	2.243420774	1.554312684	2.48E-11	6.64E-10
ENSMUSG00000022912	1.866220923	2.129514149	2.54E-11	6.77E-10
ENSMUSG00000068587	2.774879676	1.024380747	2.61E-11	6.95E-10
ENSMUSG00000038042	1.944709877	2.034672717	2.79E-11	7.41E-10
ENSMUSG00000026482	1.373845868	3.74968824	2.81E-11	7.45E-10
ENSMUSG00000040918	1.359763068	3.861154928	2.90E-11	7.66E-10
ENSMUSG00000050335	1.406995981	3.584424192	2.93E-11	7.73E-10
ENSMUSG00000051615	1.502245938	3.139862662	2.98E-11	7.86E-10
ENSMUSG00000031906	2.522006778	1.219112444	3.05E-11	8.02E-10
ENSMUSG00000063077	1.209111533	5.217317762	3.10E-11	8.12E-10
ENSMUSG00000038301	1.374662111	3.725630338	3.25E-11	8.51E-10
ENSMUSG00000022103	1.554596087	2.933715547	3.31E-11	8.62E-10
ENSMUSG00000027993	2.015165458	1.949900318	3.39E-11	8.82E-10
ENSMUSG00000036825	1.226426031	5.004983379	3.56E-11	9.23E-10
ENSMUSG00000029570	1.36835451	3.758247888	3.59E-11	9.31E-10
ENSMUSG00000023439	2.520594214	1.302938494	3.64E-11	9.40E-10
ENSMUSG00000030142	1.353193844	3.868595016	3.65E-11	9.40E-10
ENSMUSG00000021253	3.137713323	0.760387898	3.66E-11	9.41E-10
ENSMUSG00000024899	2.092715599	1.791905346	3.67E-11	9.41E-10
ENSMUSG00000026640	2.176845376	1.668718181	3.67E-11	9.41E-10
ENSMUSG00000027669	1.657184384	2.660921928	3.78E-11	9.66E-10
ENSMUSG00000035413	3.079178649	0.879848458	4.02E-11	1.03E-09
ENSMUSG00000022838	-1.116291851	7.901654171	4.13E-11	1.05E-09
ENSMUSG00000032322	1.35269718	3.808612886	4.17E-11	1.06E-09
ENSMUSG00000017057	1.291921063	4.231757125	4.19E-11	1.06E-09
ENSMUSG00000059900	2.191193789	1.635291566	4.25E-11	1.08E-09
ENSMUSG00000026955	-1.197597568	5.203080932	4.64E-11	1.17E-09
ENSMUSG00000045322	1.371669029	3.663024449	4.73E-11	1.19E-09
ENSMUSG00000026473	1.179041662	5.504444681	4.99E-11	1.25E-09
ENSMUSG00000030259	2.158591225	1.658825897	5.00E-11	1.25E-09
ENSMUSG00000040204	-1.111766642	7.754829942	5.23E-11	1.31E-09
ENSMUSG00000021552	1.358404119	3.738812958	5.23E-11	1.31E-09
ENSMUSG00000015396	1.176074656	5.463326242	5.38E-11	1.34E-09
ENSMUSG00000026604	1.729058344	2.357040506	5.39E-11	1.34E-09
ENSMUSG00000059810	1.271332479	4.35613647	5.42E-11	1.34E-09
ENSMUSG00000027360	1.80183086	2.236931912	5.47E-11	1.35E-09
ENSMUSG00000062157	2.66696941	1.049128199	5.61E-11	1.38E-09
ENSMUSG00000046157	1.287900473	4.192349407	5.67E-11	1.40E-09
ENSMUSG00000069917	1.94767987	2.053557272	5.72E-11	1.41E-09
ENSMUSG00000034707	1.170605273	5.574623616	5.77E-11	1.41E-09

ENSMUSG00000051579	1.635904863	2.661216685	5.80E-11	1.42E-09
ENSMUSG00000027510	1.278950381	4.267983743	5.88E-11	1.44E-09
ENSMUSG00000028755	2.735749118	0.996166467	5.91E-11	1.44E-09
ENSMUSG00000049717	-1.226435247	4.704890186	5.95E-11	1.45E-09
ENSMUSG00000058427	1.956305217	1.889088025	6.09E-11	1.48E-09
ENSMUSG00000047250	1.515976315	3.009637151	6.13E-11	1.48E-09
ENSMUSG00000024065	1.298729244	4.096227304	6.26E-11	1.51E-09
ENSMUSG00000039116	1.992160714	1.840231288	6.35E-11	1.53E-09
ENSMUSG00000022500	1.279036116	4.246716867	6.53E-11	1.57E-09
ENSMUSG00000027399	2.065677002	1.778187545	6.57E-11	1.58E-09
ENSMUSG00000045502	2.20974318	1.522774882	6.61E-11	1.58E-09
ENSMUSG00000046223	1.414236762	3.436877628	6.65E-11	1.59E-09
ENSMUSG00000035493	1.186189144	5.246585104	6.66E-11	1.59E-09
ENSMUSG00000006567	1.237507819	4.621559041	7.00E-11	1.67E-09
ENSMUSG00000046245	1.29902293	4.073444191	7.04E-11	1.67E-09
ENSMUSG00000069919	1.406144732	3.55300039	7.16E-11	1.70E-09
ENSMUSG00000002699	1.234361113	4.586158879	7.26E-11	1.72E-09
ENSMUSG00000027030	1.825801085	2.125065937	7.48E-11	1.77E-09
ENSMUSG00000045636	1.559703305	2.869776278	7.96E-11	1.88E-09
ENSMUSG00000021360	1.353226692	3.659148393	8.27E-11	1.94E-09
ENSMUSG00000062661	2.719241574	0.981523477	8.89E-11	2.09E-09
ENSMUSG00000028874	1.161779853	5.499377635	9.05E-11	2.12E-09
ENSMUSG00000047143	2.791645488	0.923182177	9.28E-11	2.17E-09
ENSMUSG00000042207	1.193916429	4.997829769	9.42E-11	2.20E-09
ENSMUSG00000033192	1.339213856	3.737019739	1.00E-10	2.34E-09
ENSMUSG00000017446	3.392844341	0.56560478	1.16E-10	2.69E-09
ENSMUSG00000016487	1.168079096	5.225968679	1.20E-10	2.78E-09
ENSMUSG00000019539	1.290068969	4.003135504	1.22E-10	2.83E-09
ENSMUSG00000013974	1.656792244	2.520298027	1.26E-10	2.91E-09
ENSMUSG00000022218	1.498601557	2.971993079	1.26E-10	2.91E-09
ENSMUSG00000069255	-1.212735926	4.600073335	1.34E-10	3.07E-09
ENSMUSG00000044350	1.389388538	3.406774946	1.34E-10	3.07E-09
ENSMUSG00000023913	1.167355551	5.236832061	1.39E-10	3.18E-09
ENSMUSG00000054871	3.077756265	0.712840352	1.42E-10	3.25E-09
ENSMUSG00000030577	1.0941756	6.994576889	1.50E-10	3.42E-09
ENSMUSG00000022272	1.314506825	3.832452627	1.52E-10	3.47E-09
ENSMUSG00000039943	1.786326099	2.162759331	1.53E-10	3.49E-09
ENSMUSG00000026938	1.496251162	2.930603782	1.59E-10	3.60E-09
ENSMUSG00000031162	1.215859683	4.593398309	1.69E-10	3.82E-09
ENSMUSG00000055044	1.236830891	4.38015063	1.72E-10	3.88E-09
ENSMUSG00000029108	2.277267177	1.404918681	1.73E-10	3.91E-09
ENSMUSG00000041912	2.112503062	1.5647586	1.75E-10	3.93E-09
ENSMUSG00000055538	1.527508847	2.838305552	1.78E-10	4.00E-09

ENSMUSG00000068227	1.274760506	4.008921552	1.95E-10	4.37E-09
ENSMUSG00000026285	1.650090972	2.393433935	2.02E-10	4.52E-09
ENSMUSG00000030559	1.916555082	1.948427153	2.05E-10	4.57E-09
ENSMUSG00000068036	1.40476899	3.235536665	2.05E-10	4.57E-09
ENSMUSG00000061411	2.249558535	1.445427032	2.07E-10	4.60E-09
ENSMUSG00000029716	1.235254408	4.370908285	2.10E-10	4.66E-09
ENSMUSG00000030122	1.188631738	4.749099962	2.19E-10	4.86E-09
ENSMUSG00000068205	2.836704514	0.82892504	2.24E-10	4.94E-09
ENSMUSG00000056708	1.085642264	6.92299197	2.24E-10	4.94E-09
ENSMUSG00000026383	1.599156376	2.584491031	2.32E-10	5.11E-09
ENSMUSG00000023915	1.344990804	3.50903178	2.41E-10	5.31E-09
ENSMUSG00000003283	1.129405537	5.55178768	2.43E-10	5.34E-09
ENSMUSG00000045827	1.679359228	2.385054157	2.50E-10	5.48E-09
ENSMUSG00000024177	1.753705828	2.234311129	2.52E-10	5.50E-09
ENSMUSG00000042029	-1.07336081	7.490138764	2.53E-10	5.51E-09
ENSMUSG00000036905	1.239949042	4.181442163	2.61E-10	5.67E-09
ENSMUSG00000059498	1.293891514	3.801665941	2.63E-10	5.72E-09
ENSMUSG00000026014	1.126772782	5.552137497	2.69E-10	5.84E-09
ENSMUSG00000036158	2.121297371	1.57527736	2.76E-10	5.98E-09
ENSMUSG00000042688	-1.064260638	8.141972436	2.78E-10	6.01E-09
ENSMUSG00000031762	1.175876018	4.880898698	2.82E-10	6.09E-09
ENSMUSG00000027777	2.293013648	1.349239946	2.85E-10	6.14E-09
ENSMUSG00000015950	1.131260593	5.422335703	2.97E-10	6.39E-09
ENSMUSG00000009292	1.399601277	3.224911735	3.08E-10	6.60E-09
ENSMUSG00000024044	1.551559947	2.694018795	3.09E-10	6.62E-09
ENSMUSG00000002565	3.798139002	0.317067489	3.21E-10	6.85E-09
ENSMUSG00000032854	2.568431683	1.081151862	3.30E-10	7.04E-09
ENSMUSG00000025044	1.525545867	2.738548159	3.40E-10	7.23E-09
ENSMUSG00000027583	1.490901638	2.850640262	3.68E-10	7.82E-09
ENSMUSG00000022057	1.626740782	2.444405069	3.70E-10	7.85E-09
ENSMUSG00000026833	2.520717945	1.038917284	3.72E-10	7.87E-09
ENSMUSG00000049130	1.499463636	2.785204253	3.81E-10	8.06E-09
ENSMUSG00000038507	1.650148954	2.37946256	3.82E-10	8.06E-09
ENSMUSG00000022750	1.32268493	3.573320561	3.85E-10	8.10E-09
ENSMUSG00000022534	1.522035196	2.743346287	4.17E-10	8.77E-09
ENSMUSG00000033826	1.3817355	3.247620024	4.23E-10	8.88E-09
ENSMUSG00000004933	1.508876935	2.754534572	4.29E-10	8.98E-09
ENSMUSG00000054191	1.138320945	5.188425271	4.33E-10	9.05E-09
ENSMUSG00000032691	1.609237859	2.50460816	4.34E-10	9.05E-09
ENSMUSG00000022102	1.817598896	2.007947374	4.37E-10	9.09E-09
ENSMUSG00000042155	1.304808403	3.703039603	4.66E-10	9.69E-09
ENSMUSG00000071714	1.450329074	2.974999328	4.74E-10	9.83E-09
ENSMUSG00000032827	2.232939974	1.380825418	4.76E-10	9.87E-09

ENSMUSG00000042684	2.455370098	1.077102026	4.84E-10	1.00E-08
ENSMUSG00000029661	3.316712996	0.507226963	4.91E-10	1.01E-08
ENSMUSG00000020057	1.504669284	2.752352892	5.10E-10	1.05E-08
ENSMUSG00000044827	1.18678698	4.448649012	5.32E-10	1.09E-08
ENSMUSG00000035517	1.357550721	3.330143966	5.54E-10	1.14E-08
ENSMUSG00000049687	1.436166245	3.066972029	5.60E-10	1.15E-08
ENSMUSG00000018672	1.631737696	2.362813021	5.84E-10	1.19E-08
ENSMUSG00000026068	1.627467677	2.363001275	5.84E-10	1.19E-08
ENSMUSG00000042759	1.465608291	2.908541016	5.85E-10	1.19E-08
ENSMUSG00000042129	1.086514222	5.911727381	5.87E-10	1.19E-08
ENSMUSG00000053617	1.199641889	4.295456392	5.99E-10	1.22E-08
ENSMUSG00000043635	1.678484325	2.286801857	6.08E-10	1.23E-08
ENSMUSG00000032718	1.61422237	2.415022581	6.58E-10	1.33E-08
ENSMUSG00000026360	1.133758723	5.010405321	6.74E-10	1.36E-08
ENSMUSG00000028601	2.623283995	0.907368295	6.88E-10	1.39E-08
ENSMUSG00000058099	1.14976914	4.815818566	7.01E-10	1.41E-08
ENSMUSG00000076441	1.105893591	5.401580384	7.14E-10	1.43E-08
ENSMUSG00000036469	1.119207586	5.155553967	7.22E-10	1.45E-08
ENSMUSG00000024300	1.120767766	5.171633877	7.31E-10	1.46E-08
ENSMUSG00000042770	1.27425322	3.719645477	7.98E-10	1.59E-08
ENSMUSG00000037815	1.071241139	6.121739736	7.99E-10	1.59E-08
ENSMUSG00000023961	1.329007695	3.416106178	8.00E-10	1.59E-08
ENSMUSG00000000409	1.520771064	2.60428316	8.00E-10	1.59E-08
ENSMUSG00000034459	1.927091311	1.758103444	8.10E-10	1.60E-08
ENSMUSG00000036353	1.883851043	1.760534511	8.10E-10	1.60E-08
ENSMUSG00000029468	1.72420608	2.116961771	8.11E-10	1.60E-08
ENSMUSG00000008540	1.488632011	2.726379464	8.40E-10	1.66E-08
ENSMUSG00000019055	1.291020127	3.519486186	8.96E-10	1.77E-08
ENSMUSG00000026815	1.238235809	3.954933974	9.03E-10	1.78E-08
ENSMUSG00000040957	2.541718488	0.952582662	9.23E-10	1.81E-08
ENSMUSG00000029802	1.21748824	4.108482554	9.39E-10	1.84E-08
ENSMUSG00000021895	1.123309045	5.010941658	9.73E-10	1.90E-08
ENSMUSG00000053931	1.106584894	5.243275005	1.01E-09	1.98E-08
ENSMUSG00000031543	1.078649928	5.803306841	1.04E-09	2.04E-08
ENSMUSG00000024063	1.077944587	5.787911649	1.05E-09	2.04E-08
ENSMUSG00000038179	-1.044139483	6.851278063	1.06E-09	2.06E-08
ENSMUSG00000037012	1.046114396	6.809602863	1.06E-09	2.06E-08
ENSMUSG00000047757	-1.193189038	4.172014951	1.06E-09	2.06E-08
ENSMUSG00000041556	1.874967785	1.750744302	1.07E-09	2.08E-08
ENSMUSG00000027165	1.970248979	1.658234736	1.09E-09	2.10E-08
ENSMUSG00000026389	1.123981449	4.985852798	1.10E-09	2.13E-08
ENSMUSG00000025938	1.134899371	4.827724784	1.12E-09	2.16E-08
ENSMUSG00000038267	1.30310207	3.539229838	1.15E-09	2.21E-08



ENSMUSG00000048264	1.423431407	2.929306731	1.16E-09	2.22E-08
ENSMUSG00000063275	1.545896948	2.585558993	1.16E-09	2.23E-08
ENSMUSG00000026657	1.425247943	2.959234486	1.21E-09	2.31E-08
ENSMUSG00000044447	1.142440299	4.664667198	1.22E-09	2.33E-08
ENSMUSG00000029428	1.171486117	4.438863013	1.24E-09	2.36E-08
ENSMUSG00000050931	2.141840091	1.422750628	1.24E-09	2.37E-08
ENSMUSG00000022504	1.098757869	5.232385067	1.27E-09	2.42E-08
ENSMUSG00000033032	3.26254163	0.466339332	1.29E-09	2.45E-08
ENSMUSG00000035246	1.600285457	2.423396617	1.30E-09	2.46E-08
ENSMUSG00000031004	-1.011508717	10.4976003	1.40E-09	2.64E-08
ENSMUSG00000005413	1.075420395	5.61328452	1.43E-09	2.70E-08
ENSMUSG00000032122	1.585311806	2.375867669	1.45E-09	2.74E-08
ENSMUSG00000024645	-1.069205173	5.756306226	1.48E-09	2.79E-08
ENSMUSG00000051817	1.56304081	2.500163157	1.50E-09	2.81E-08
ENSMUSG00000020178	1.481939301	2.672640268	1.59E-09	2.99E-08
ENSMUSG00000052539	1.261361869	3.586634555	1.66E-09	3.11E-08
ENSMUSG00000040253	1.091037811	5.232015211	1.74E-09	3.25E-08
ENSMUSG00000027562	1.016668184	7.940402707	1.76E-09	3.28E-08
ENSMUSG00000022449	2.448719796	0.982869673	1.78E-09	3.31E-08
ENSMUSG00000032946	1.090290275	5.228640653	1.81E-09	3.36E-08
ENSMUSG00000041329	1.074799246	5.584572558	1.82E-09	3.38E-08
ENSMUSG00000001517	-1.040814868	6.292402351	1.85E-09	3.44E-08
ENSMUSG00000060206	3.449498897	0.361057648	1.87E-09	3.46E-08
ENSMUSG00000036053	1.535080937	2.530378308	1.90E-09	3.52E-08
ENSMUSG00000029299	1.1567281	4.369199082	1.92E-09	3.54E-08
ENSMUSG00000060131	1.342212477	3.162789966	2.00E-09	3.69E-08
ENSMUSG00000013275	-1.032929123	6.513880615	2.01E-09	3.69E-08
ENSMUSG00000000861	1.051896147	5.866446193	2.04E-09	3.74E-08
ENSMUSG00000068129	3.008532989	0.663344718	2.07E-09	3.79E-08
ENSMUSG00000049988	1.317549904	3.213050987	2.08E-09	3.80E-08
ENSMUSG00000052776	1.68269956	2.092147458	2.09E-09	3.82E-08
ENSMUSG00000060275	1.327583989	3.22912549	2.11E-09	3.84E-08
ENSMUSG00000004709	1.260583822	3.606196302	2.32E-09	4.22E-08
ENSMUSG00000096108	1.007612268	7.800472404	2.51E-09	4.57E-08
ENSMUSG00000029333	1.252364529	3.568653425	2.54E-09	4.61E-08
ENSMUSG00000031155	1.020137784	6.822504949	2.55E-09	4.61E-08
ENSMUSG00000002103	1.14401703	4.407659298	2.68E-09	4.85E-08
ENSMUSG00000063234	2.244423587	1.165533996	2.78E-09	5.03E-08
ENSMUSG00000000555	1.249643261	3.580379776	2.84E-09	5.12E-08
ENSMUSG00000074923	2.117103557	1.35206301	2.92E-09	5.26E-08
ENSMUSG00000057315	1.688212006	2.038483454	3.10E-09	5.57E-08
ENSMUSG00000044734	1.111362161	4.632457501	3.16E-09	5.68E-08
ENSMUSG00000022508	1.213683693	3.755420551	3.27E-09	5.86E-08

ENSMUSG0000000244	1.14556241	4.289405701	3.29E-09	5.88E-08
ENSMUSG00000029866	1.219399943	3.812842415	3.29E-09	5.88E-08
ENSMUSG00000020897	-1.025686244	6.222180081	3.35E-09	5.97E-08
ENSMUSG00000003352	2.908790252	0.585720859	3.41E-09	6.07E-08
ENSMUSG00000048503	3.041095548	0.507500778	3.49E-09	6.20E-08
ENSMUSG00000041754	1.597901559	2.245695745	3.51E-09	6.23E-08
ENSMUSG00000066894	2.160037368	1.313724916	3.59E-09	6.36E-08
ENSMUSG00000003420	1.403988542	2.756935096	3.59E-09	6.36E-08
ENSMUSG00000028862	1.894469803	1.653646743	3.80E-09	6.72E-08
ENSMUSG00000037278	-1.026986185	6.037326766	3.85E-09	6.80E-08
ENSMUSG00000040723	1.062539663	5.271855567	3.98E-09	7.02E-08
ENSMUSG00000039109	1.571589869	2.184829053	4.00E-09	7.02E-08
ENSMUSG00000051811	1.587472578	2.322133641	4.00E-09	7.02E-08
ENSMUSG00000022199	1.510185941	2.493478889	4.01E-09	7.03E-08
ENSMUSG00000067818	2.61019778	0.78332273	4.04E-09	7.08E-08
ENSMUSG00000030352	2.106570047	1.337848059	4.07E-09	7.11E-08
ENSMUSG00000045679	-0.998332189	7.327678218	4.09E-09	7.14E-08
ENSMUSG00000053101	1.285292223	3.304178329	4.16E-09	7.26E-08
ENSMUSG00000027962	1.040809862	5.679227812	4.20E-09	7.31E-08
ENSMUSG00000020865	1.417204552	2.739408025	4.21E-09	7.31E-08
ENSMUSG00000035164	1.163627231	4.00564758	4.26E-09	7.38E-08
ENSMUSG00000036617	-1.23236959	3.538627528	4.34E-09	7.51E-08
ENSMUSG00000030148	1.402352895	2.79012986	4.37E-09	7.56E-08
ENSMUSG00000028644	1.009898594	6.67134776	4.40E-09	7.59E-08
ENSMUSG00000025804	1.455339229	2.599791753	4.46E-09	7.69E-08
ENSMUSG00000055912	1.383125642	2.84060413	4.52E-09	7.78E-08
ENSMUSG00000090665	1.996727932	1.487210188	4.53E-09	7.79E-08
ENSMUSG00000030427	1.590517892	2.267746611	4.59E-09	7.89E-08
ENSMUSG00000030798	0.999771629	6.96287903	4.66E-09	7.98E-08
ENSMUSG00000039137	1.868437945	1.619779655	4.71E-09	8.06E-08
ENSMUSG00000051682	1.107420824	4.605406549	4.72E-09	8.06E-08
ENSMUSG00000015316	1.400001279	2.723490033	4.93E-09	8.42E-08
ENSMUSG00000000416	2.951633536	0.622084542	5.01E-09	8.53E-08
ENSMUSG00000022098	1.273500315	3.364263454	5.37E-09	9.13E-08
ENSMUSG00000086587	3.090501508	0.547845817	5.37E-09	9.13E-08
ENSMUSG00000039982	1.681281534	1.933966817	5.47E-09	9.28E-08
ENSMUSG00000044201	-1.106310123	4.486157853	5.91E-09	1.00E-07
ENSMUSG00000038738	1.822309208	1.718649854	6.18E-09	1.05E-07
ENSMUSG00000027955	2.088694414	1.256319116	6.20E-09	1.05E-07
ENSMUSG00000024334	1.381497533	2.8283938	6.22E-09	1.05E-07
ENSMUSG00000033031	-0.988683567	7.125075454	6.32E-09	1.06E-07
ENSMUSG00000042842	1.352948711	2.889866089	6.38E-09	1.07E-07
ENSMUSG00000038256	1.216348123	3.56110408	6.64E-09	1.12E-07

ENSMUSG00000074305	1.126982678	4.252228398	6.65E-09	1.12E-07
ENSMUSG00000033355	1.957439804	1.504888405	6.74E-09	1.13E-07
ENSMUSG00000027071	1.687432125	1.903603978	6.75E-09	1.13E-07
ENSMUSG00000035275	1.684924828	1.904982775	6.75E-09	1.13E-07
ENSMUSG00000025648	1.244991694	3.441296057	6.76E-09	1.13E-07
ENSMUSG00000051159	2.435182667	0.875886395	6.83E-09	1.14E-07
ENSMUSG00000000782	1.400441897	2.710273177	6.93E-09	1.15E-07
ENSMUSG00000046794	2.323849304	0.981980993	7.08E-09	1.18E-07
ENSMUSG00000034833	1.473726598	2.48475194	7.12E-09	1.18E-07
ENSMUSG00000076570	-1.056443037	5.035118962	7.28E-09	1.21E-07
ENSMUSG00000020649	-0.970881407	8.596498074	7.30E-09	1.21E-07
ENSMUSG00000020646	1.26223848	3.296770833	7.72E-09	1.27E-07
ENSMUSG00000038070	1.297649196	3.159655974	7.76E-09	1.28E-07
ENSMUSG00000047409	1.812855583	1.711664445	8.15E-09	1.34E-07
ENSMUSG00000041481	1.011178835	5.845189538	8.17E-09	1.34E-07
ENSMUSG00000055675	1.039403131	5.220450274	8.31E-09	1.36E-07
ENSMUSG00000039783	1.151296386	3.942342434	8.42E-09	1.38E-07
ENSMUSG00000050050	2.863660291	0.549189161	8.47E-09	1.39E-07
ENSMUSG00000020641	1.786755216	1.738021688	8.61E-09	1.41E-07
ENSMUSG00000031398	1.449178596	2.505246006	8.80E-09	1.44E-07
ENSMUSG00000022901	1.146013566	3.984478517	8.93E-09	1.45E-07
ENSMUSG00000063455	1.690820497	1.913548026	9.04E-09	1.47E-07
ENSMUSG00000021322	1.534741897	2.289762906	9.04E-09	1.47E-07
ENSMUSG00000011148	1.055508558	4.963585166	9.17E-09	1.49E-07
ENSMUSG00000034792	1.218168151	3.529894492	9.20E-09	1.49E-07
ENSMUSG00000021262	1.126724903	4.129933023	9.52E-09	1.54E-07
ENSMUSG00000035441	1.081309084	4.678827479	9.64E-09	1.56E-07
ENSMUSG00000055435	1.241387529	3.343279007	9.75E-09	1.57E-07
ENSMUSG00000014361	1.24057154	3.345248461	9.75E-09	1.57E-07
ENSMUSG00000067377	1.491870543	2.405671304	9.99E-09	1.61E-07
ENSMUSG00000005465	1.283280798	3.130719799	1.01E-08	1.63E-07
ENSMUSG00000078202	1.314782789	3.047698515	1.02E-08	1.64E-07
ENSMUSG00000039713	1.894151748	1.557389906	1.06E-08	1.70E-07
ENSMUSG00000030217	1.563610072	2.226959536	1.06E-08	1.70E-07
ENSMUSG00000026483	1.076498041	4.60687052	1.08E-08	1.73E-07
ENSMUSG00000043207	-0.966970555	7.599058939	1.09E-08	1.73E-07
ENSMUSG00000001348	1.02004262	5.479759374	1.12E-08	1.78E-07
ENSMUSG00000040270	1.138041015	3.977970279	1.14E-08	1.82E-07
ENSMUSG00000019590	1.655045911	1.910704425	1.16E-08	1.85E-07
ENSMUSG00000079037	1.159980086	3.819268406	1.17E-08	1.86E-07
ENSMUSG00000032194	1.616494978	2.105430372	1.17E-08	1.86E-07
ENSMUSG00000041598	1.344816871	2.895180806	1.18E-08	1.87E-07
ENSMUSG00000034462	2.474418771	0.795204248	1.21E-08	1.91E-07

ENSMUSG00000037032	2.473472368	0.794932663	1.21E-08	1.91E-07
ENSMUSG00000100658	1.47719287	2.400550756	1.22E-08	1.92E-07
ENSMUSG00000022686	1.080543211	4.477847559	1.22E-08	1.92E-07
ENSMUSG00000051790	2.353174471	1.008043105	1.24E-08	1.95E-07
ENSMUSG00000042606	-1.001036835	5.755098957	1.27E-08	1.99E-07
ENSMUSG00000028270	1.157462864	3.822945272	1.28E-08	2.00E-07
ENSMUSG00000017314	1.563573345	2.201686526	1.29E-08	2.02E-07
ENSMUSG00000035863	1.549743179	2.206183171	1.29E-08	2.02E-07
ENSMUSG00000031012	1.273892152	3.129098507	1.33E-08	2.07E-07
ENSMUSG00000027834	1.019579064	5.406719062	1.33E-08	2.08E-07
ENSMUSG00000032285	1.400778237	2.613409335	1.34E-08	2.08E-07
ENSMUSG00000020483	1.033314347	5.149589929	1.35E-08	2.10E-07
ENSMUSG00000095079	-0.976433762	6.519373585	1.39E-08	2.16E-07
ENSMUSG00000002489	1.240023831	3.332575183	1.39E-08	2.16E-07
ENSMUSG00000036896	1.092583952	4.33182927	1.40E-08	2.17E-07
ENSMUSG00000034652	1.129751737	3.999205129	1.43E-08	2.21E-07
ENSMUSG00000020160	2.197285637	1.05069365	1.46E-08	2.25E-07
ENSMUSG00000005268	-1.129035001	3.964598188	1.47E-08	2.26E-07
ENSMUSG00000004655	0.97090818	6.772310991	1.52E-08	2.35E-07
ENSMUSG00000015202	1.276609136	3.084865331	1.53E-08	2.36E-07
ENSMUSG00000005803	1.554593701	2.159569246	1.56E-08	2.39E-07
ENSMUSG00000019699	1.129865323	3.970187605	1.59E-08	2.43E-07
ENSMUSG00000002083	1.367510644	2.730668927	1.62E-08	2.48E-07
ENSMUSG00000038352	-1.001997218	5.607264587	1.64E-08	2.50E-07
ENSMUSG00000041608	2.613817435	0.660438827	1.65E-08	2.53E-07
ENSMUSG00000049807	1.11064686	4.152776374	1.67E-08	2.54E-07
ENSMUSG00000032845	-1.096115565	4.216780863	1.67E-08	2.55E-07
ENSMUSG00000069516	0.948978239	8.224991226	1.69E-08	2.58E-07
ENSMUSG00000072620	0.964714567	6.772545999	1.72E-08	2.62E-07
ENSMUSG00000071547	1.113921003	4.105969212	1.75E-08	2.66E-07
ENSMUSG00000033386	1.189837329	3.509267516	1.76E-08	2.66E-07
ENSMUSG00000001763	1.082429965	4.460499937	1.77E-08	2.67E-07
ENSMUSG00000037992	1.15895824	3.728149608	1.80E-08	2.72E-07
ENSMUSG00000028207	1.048785672	4.805079561	1.87E-08	2.82E-07
ENSMUSG00000042476	0.99957371	5.638485729	1.91E-08	2.88E-07
ENSMUSG00000046321	1.660406146	1.89217685	1.92E-08	2.88E-07
ENSMUSG00000079563	1.654353728	1.887675298	1.92E-08	2.88E-07
ENSMUSG00000042978	1.021811307	5.108651631	1.93E-08	2.90E-07
ENSMUSG00000015880	-0.960413394	6.804020305	1.96E-08	2.94E-07
ENSMUSG00000036256	1.259729002	3.125773955	1.97E-08	2.95E-07
ENSMUSG00000001930	1.544290053	2.18497568	2.00E-08	2.99E-07
ENSMUSG00000042349	1.104614668	4.103573718	2.04E-08	3.04E-07
ENSMUSG00000031245	-0.967620492	6.394717684	2.05E-08	3.05E-07

ENSMUSG00000062127	2.030128177	1.281553951	2.11E-08	3.14E-07
ENSMUSG00000025161	1.240168615	3.226735854	2.12E-08	3.15E-07
ENSMUSG00000076431	1.87013673	1.434916607	2.13E-08	3.16E-07
ENSMUSG00000066684	1.470776079	2.354348039	2.17E-08	3.22E-07
ENSMUSG00000030589	1.32933256	2.809354489	2.21E-08	3.28E-07
ENSMUSG00000022037	1.3990223	2.563852223	2.27E-08	3.35E-07
ENSMUSG00000019851	2.370068997	0.82911331	2.27E-08	3.35E-07
ENSMUSG00000017400	-0.967152305	6.240949568	2.33E-08	3.44E-07
ENSMUSG00000002006	1.677772726	1.836334276	2.33E-08	3.44E-07
ENSMUSG00000036412	3.091396606	0.340040845	2.36E-08	3.48E-07
ENSMUSG00000019726	0.962777435	6.383620084	2.37E-08	3.49E-07
ENSMUSG00000053113	1.047882688	4.659451449	2.38E-08	3.50E-07
ENSMUSG00000039831	1.643463577	1.911936699	2.52E-08	3.70E-07
ENSMUSG00000040659	0.993696126	5.501923965	2.55E-08	3.73E-07
ENSMUSG00000026922	1.488718986	2.310720546	2.62E-08	3.83E-07
ENSMUSG00000072949	2.298844014	0.966757639	2.62E-08	3.83E-07
ENSMUSG00000041323	-1.355353278	2.669980403	2.67E-08	3.90E-07
ENSMUSG00000078783	2.059501057	1.243472832	2.68E-08	3.90E-07
ENSMUSG00000010760	1.930428959	1.384057369	2.70E-08	3.93E-07
ENSMUSG00000031586	1.410481672	2.519172105	2.71E-08	3.94E-07
ENSMUSG00000023043	2.17223754	1.116493931	2.74E-08	3.97E-07
ENSMUSG00000002980	2.156186751	1.105823888	2.74E-08	3.97E-07
ENSMUSG00000006574	1.044425977	4.726933585	2.78E-08	4.03E-07
ENSMUSG00000028776	1.52903202	2.083967088	2.92E-08	4.22E-07
ENSMUSG00000026782	1.061754698	4.375920691	3.00E-08	4.33E-07
ENSMUSG00000029484	1.638845293	1.832835025	3.01E-08	4.34E-07
ENSMUSG00000026576	1.110635125	3.890712953	3.05E-08	4.40E-07
ENSMUSG00000047180	1.110259997	3.950086009	3.07E-08	4.41E-07
ENSMUSG00000016933	1.08903416	4.112633026	3.11E-08	4.47E-07
ENSMUSG00000029581	1.477208697	2.274791474	3.18E-08	4.57E-07
ENSMUSG00000038718	1.21118427	3.312983291	3.20E-08	4.58E-07
ENSMUSG00000000673	1.46331232	2.307018208	3.21E-08	4.60E-07
ENSMUSG00000028718	-0.991957369	5.344270654	3.29E-08	4.70E-07
ENSMUSG00000020520	1.075953364	4.217058702	3.31E-08	4.72E-07
ENSMUSG00000056025	1.150562541	3.659783403	3.37E-08	4.80E-07
ENSMUSG00000034557	1.196359973	3.370916877	3.40E-08	4.84E-07
ENSMUSG00000020827	1.026924995	4.747713253	3.44E-08	4.89E-07
ENSMUSG00000026069	1.237713088	3.183378329	3.57E-08	5.08E-07
ENSMUSG00000032038	1.087084909	4.050361313	3.64E-08	5.17E-07
ENSMUSG00000078670	1.861718188	1.381333895	3.69E-08	5.23E-07
ENSMUSG00000058715	1.02705476	4.758392091	3.72E-08	5.26E-07
ENSMUSG00000006800	2.031218214	1.220361558	3.74E-08	5.28E-07
ENSMUSG00000017615	-0.984260143	5.396225112	3.76E-08	5.32E-07

ENSMUSG00000041607	1.005100659	5.074205569	3.79E-08	5.35E-07
ENSMUSG00000040327	1.28437424	2.841245598	4.03E-08	5.68E-07
ENSMUSG00000006344	2.282224259	0.859993596	4.07E-08	5.72E-07
ENSMUSG00000066363	1.097421085	3.916092562	4.08E-08	5.72E-07
ENSMUSG00000024621	0.932425485	7.208941788	4.08E-08	5.72E-07
ENSMUSG00000025577	1.302198043	2.813888422	4.09E-08	5.73E-07
ENSMUSG00000000028	-0.956497962	5.99747358	4.11E-08	5.75E-07
ENSMUSG00000030653	1.260047955	3.015859659	4.11E-08	5.75E-07
ENSMUSG00000021965	-0.991857713	5.174106493	4.13E-08	5.77E-07
ENSMUSG00000040710	-0.928312718	7.450550253	4.19E-08	5.85E-07
ENSMUSG00000022322	-0.962609764	5.777032918	4.23E-08	5.89E-07
ENSMUSG00000006398	-0.934173402	6.953447927	4.29E-08	5.97E-07
ENSMUSG00000056592	-1.029762835	4.574986033	4.34E-08	6.03E-07
ENSMUSG00000037820	1.079393847	4.123847484	4.36E-08	6.05E-07
ENSMUSG00000039997	0.95941411	5.82029495	4.46E-08	6.18E-07
ENSMUSG00000022181	1.496815159	2.112031097	4.66E-08	6.45E-07
ENSMUSG00000026921	1.502824887	2.126747903	4.69E-08	6.49E-07
ENSMUSG00000038068	1.933707131	1.326882461	4.73E-08	6.53E-07
ENSMUSG00000069833	0.974450309	5.470972082	4.75E-08	6.55E-07
ENSMUSG00000045394	-0.946277741	6.184453215	4.81E-08	6.63E-07
ENSMUSG00000034485	2.171728836	1.038958857	4.95E-08	6.82E-07
ENSMUSG00000031995	-0.952471669	5.91137333	5.07E-08	6.97E-07
ENSMUSG00000024011	1.328700899	2.70627876	5.08E-08	6.97E-07
ENSMUSG00000053158	1.098712691	3.870972109	5.11E-08	7.01E-07
ENSMUSG00000017639	1.611438993	1.861700047	5.21E-08	7.13E-07
ENSMUSG00000069743	1.9498578	1.218228619	5.22E-08	7.14E-07
ENSMUSG00000038156	1.273995299	2.836256561	5.47E-08	7.47E-07
ENSMUSG00000020773	2.257224375	0.94229484	5.54E-08	7.56E-07
ENSMUSG00000022377	0.957742337	5.753544754	5.55E-08	7.56E-07
ENSMUSG00000036565	0.987988897	5.133825846	5.56E-08	7.58E-07
ENSMUSG00000007783	1.897238343	1.419399755	5.65E-08	7.68E-07
ENSMUSG00000032890	1.835519688	1.464470465	5.94E-08	8.06E-07
ENSMUSG00000004668	2.540002948	0.605109987	6.01E-08	8.16E-07
ENSMUSG00000033306	1.029854833	4.432647811	6.63E-08	8.98E-07
ENSMUSG00000002985	0.948134301	5.803561394	6.67E-08	9.04E-07
ENSMUSG00000021596	1.973153261	1.168676729	6.70E-08	9.07E-07
ENSMUSG00000021792	1.128096049	3.625025978	6.83E-08	9.22E-07
ENSMUSG00000030468	0.947780283	5.730626897	6.94E-08	9.37E-07
ENSMUSG00000063663	-0.942989533	5.878744683	7.06E-08	9.51E-07
ENSMUSG00000023909	1.507627357	2.114515847	7.27E-08	9.78E-07
ENSMUSG00000028082	1.17765796	3.274562188	7.47E-08	1.00E-06
ENSMUSG00000026728	0.917224975	6.914044786	7.55E-08	1.01E-06
ENSMUSG00000044252	1.273252017	2.799765834	7.58E-08	1.01E-06

ENSMUSG00000033102	1.266682559	2.803133607	7.58E-08	1.01E-06
ENSMUSG00000020493	-0.945155022	5.72682471	7.65E-08	1.02E-06
ENSMUSG00000004032	1.211148615	3.110461226	8.20E-08	1.10E-06
ENSMUSG00000056602	1.096123545	3.777580743	8.29E-08	1.11E-06
ENSMUSG00000037548	0.939737294	5.783082865	8.63E-08	1.15E-06
ENSMUSG00000022309	1.778305015	1.518749872	8.64E-08	1.15E-06
ENSMUSG00000036402	1.06660248	3.967574024	8.81E-08	1.17E-06
ENSMUSG00000050199	1.271211402	2.794271777	8.84E-08	1.17E-06
ENSMUSG00000022324	1.453415347	2.109202555	9.05E-08	1.20E-06
ENSMUSG00000021319	2.186187263	0.970135805	9.09E-08	1.21E-06
ENSMUSG00000020589	0.971915072	5.088124352	9.23E-08	1.22E-06
ENSMUSG00000023927	0.958882497	5.305261647	9.47E-08	1.25E-06
ENSMUSG00000023995	1.304020307	2.718410869	9.49E-08	1.25E-06
ENSMUSG00000044197	1.369748211	2.479374849	9.65E-08	1.27E-06
ENSMUSG00000044345	1.342921577	2.470416785	9.75E-08	1.28E-06
ENSMUSG00000026489	1.08998363	3.7317042	9.81E-08	1.29E-06
ENSMUSG00000024190	0.908038884	6.955572795	9.90E-08	1.30E-06
ENSMUSG00000031639	1.648744767	1.666086729	9.92E-08	1.30E-06
ENSMUSG00000063445	-0.942635101	5.638215048	1.00E-07	1.31E-06
ENSMUSG00000040009	1.141575199	3.376477336	1.01E-07	1.32E-06
ENSMUSG00000045730	1.063235234	3.975186149	1.01E-07	1.32E-06
ENSMUSG00000056069	1.085085366	3.750582642	1.04E-07	1.36E-06
ENSMUSG00000035448	1.391353939	2.320480058	1.05E-07	1.38E-06
ENSMUSG00000016028	1.282189919	2.753946382	1.07E-07	1.40E-06
ENSMUSG00000022346	0.924929157	6.013776733	1.09E-07	1.42E-06
ENSMUSG00000022099	1.303471916	2.725529959	1.10E-07	1.43E-06
ENSMUSG00000055320	2.593380496	0.506610088	1.11E-07	1.44E-06
ENSMUSG00000030107	1.432959826	2.177161237	1.11E-07	1.44E-06
ENSMUSG00000020541	1.235713071	2.970661494	1.11E-07	1.44E-06
ENSMUSG00000074652	2.086789339	1.053971981	1.12E-07	1.45E-06
ENSMUSG00000034795	1.918235803	1.259957857	1.16E-07	1.49E-06
ENSMUSG00000030340	2.559999213	0.623972919	1.16E-07	1.50E-06
ENSMUSG00000024206	1.172778092	3.200468581	1.17E-07	1.52E-06
ENSMUSG00000024270	-0.945645034	5.421668444	1.21E-07	1.56E-06
ENSMUSG00000055629	2.056758288	1.103860926	1.22E-07	1.57E-06
ENSMUSG00000002731	1.382196871	2.386176446	1.23E-07	1.59E-06
ENSMUSG00000036473	1.151064812	3.306811287	1.26E-07	1.61E-06
ENSMUSG00000022661	1.373170213	2.351804663	1.26E-07	1.61E-06
ENSMUSG00000042215	1.101002365	3.643217142	1.26E-07	1.62E-06
ENSMUSG00000076710	-1.085135095	3.636830001	1.26E-07	1.62E-06
ENSMUSG00000033906	1.66539468	1.652920179	1.30E-07	1.66E-06
ENSMUSG00000025268	1.286651167	2.708757289	1.31E-07	1.67E-06
ENSMUSG00000037788	1.138845694	3.407966014	1.31E-07	1.67E-06

ENSMUSG00000021061	0.926304579	5.927489096	1.31E-07	1.67E-06
ENSMUSG00000026994	1.933578425	1.145716905	1.32E-07	1.68E-06
ENSMUSG00000038502	1.06169065	3.915272738	1.32E-07	1.68E-06
ENSMUSG00000027368	0.930300281	5.701573285	1.35E-07	1.72E-06
ENSMUSG00000098090	-1.187614948	3.102177345	1.36E-07	1.72E-06
ENSMUSG00000024677	1.07537412	3.773214466	1.39E-07	1.76E-06
ENSMUSG00000041773	1.242100393	2.786086055	1.40E-07	1.77E-06
ENSMUSG00000028517	1.491680223	2.00908807	1.42E-07	1.79E-06
ENSMUSG00000019987	2.468746739	0.55211726	1.42E-07	1.79E-06
ENSMUSG00000039062	1.54393771	1.902891876	1.42E-07	1.79E-06
ENSMUSG00000035107	1.34623747	2.431904316	1.44E-07	1.81E-06
ENSMUSG00000039115	1.249127495	2.760977344	1.44E-07	1.82E-06
ENSMUSG00000040084	-0.891044232	7.353393338	1.44E-07	1.82E-06
ENSMUSG00000096461	-0.990838245	4.526422364	1.45E-07	1.82E-06
ENSMUSG00000074682	1.34348409	2.411472883	1.45E-07	1.83E-06
ENSMUSG00000026193	1.014056746	4.350726083	1.48E-07	1.86E-06
ENSMUSG00000039234	-0.885490158	7.833502628	1.48E-07	1.86E-06
ENSMUSG00000028173	1.286143174	2.562791107	1.52E-07	1.91E-06
ENSMUSG00000032204	1.309515974	2.54406773	1.55E-07	1.93E-06
ENSMUSG00000047090	1.683724478	1.534433925	1.58E-07	1.97E-06
ENSMUSG00000029553	1.853491754	1.266159789	1.59E-07	1.99E-06
ENSMUSG00000045659	1.282023749	2.666298759	1.60E-07	2.00E-06
ENSMUSG00000029455	0.902527309	6.403704379	1.63E-07	2.03E-06
ENSMUSG00000038732	2.379672617	0.730971888	1.66E-07	2.07E-06
ENSMUSG00000030207	0.972524801	4.803314095	1.67E-07	2.08E-06
ENSMUSG00000027699	-0.912857725	5.931427935	1.71E-07	2.12E-06
ENSMUSG00000026932	1.004167097	4.355663328	1.75E-07	2.17E-06
ENSMUSG00000092060	1.467386072	2.048982115	1.76E-07	2.18E-06
ENSMUSG00000024085	-0.872187556	9.232093255	1.79E-07	2.22E-06
ENSMUSG00000061356	-0.917164536	5.742568717	1.80E-07	2.22E-06
ENSMUSG00000058258	-0.894798278	6.593244576	1.82E-07	2.25E-06
ENSMUSG00000040339	1.102209821	3.498030656	1.84E-07	2.26E-06
ENSMUSG00000048534	1.204749764	2.893177391	1.86E-07	2.30E-06
ENSMUSG00000024681	2.056149657	0.950555076	1.88E-07	2.32E-06
ENSMUSG00000022756	1.789236836	1.384160109	1.89E-07	2.32E-06
ENSMUSG00000097729	1.377703757	2.274868943	1.94E-07	2.38E-06
ENSMUSG00000022092	-0.880811717	7.423519062	1.95E-07	2.39E-06
ENSMUSG00000003153	0.953397027	4.954266082	1.95E-07	2.39E-06
ENSMUSG00000039497	1.079247111	3.644719887	1.97E-07	2.41E-06
ENSMUSG00000060671	-0.878034601	7.643373746	1.98E-07	2.42E-06
ENSMUSG00000001552	1.249625331	2.735393615	2.00E-07	2.44E-06
ENSMUSG00000001911	1.041184589	3.964224244	2.01E-07	2.46E-06
ENSMUSG00000071379	1.09979786	3.47787346	2.10E-07	2.56E-06



ENSMUSG00000028078	1.067801371	3.69603301	2.11E-07	2.57E-06
ENSMUSG00000079111	-0.875447472	7.597768896	2.18E-07	2.65E-06
ENSMUSG00000024754	1.132878596	3.241092733	2.20E-07	2.67E-06
ENSMUSG00000023079	1.356332643	2.350924292	2.20E-07	2.67E-06
ENSMUSG00000054920	1.004073633	4.261675194	2.21E-07	2.67E-06
ENSMUSG00000017146	-0.894493158	6.300343118	2.21E-07	2.67E-06
ENSMUSG00000020486	2.044757193	1.026419166	2.25E-07	2.72E-06
ENSMUSG00000055546	1.485052446	1.950552438	2.26E-07	2.73E-06
ENSMUSG00000040350	1.126927026	3.280289094	2.27E-07	2.74E-06
ENSMUSG00000025352	1.29971072	2.491452433	2.30E-07	2.77E-06
ENSMUSG00000028970	-0.892814671	6.322624231	2.30E-07	2.77E-06
ENSMUSG00000015839	0.910390977	5.733230196	2.31E-07	2.78E-06
ENSMUSG00000059326	1.062514239	3.731123397	2.31E-07	2.78E-06
ENSMUSG00000022106	-0.883390533	6.796838741	2.34E-07	2.81E-06
ENSMUSG00000002603	0.898813506	6.055573433	2.38E-07	2.86E-06
ENSMUSG00000031584	0.90144837	5.946430386	2.49E-07	2.98E-06
ENSMUSG00000032028	0.956476397	4.83945134	2.55E-07	3.05E-06
ENSMUSG00000024533	0.926165896	5.407191155	2.55E-07	3.05E-06
ENSMUSG00000025279	1.10046148	3.428612848	2.57E-07	3.06E-06
ENSMUSG00000056515	1.027085143	3.985045157	2.57E-07	3.06E-06
ENSMUSG00000053702	-1.205061792	2.857537422	2.58E-07	3.07E-06
ENSMUSG00000037124	1.760458184	1.415316446	2.62E-07	3.11E-06
ENSMUSG00000039217	1.345264952	2.360386592	2.62E-07	3.12E-06
ENSMUSG00000043168	1.419579706	2.117605402	2.63E-07	3.12E-06
ENSMUSG00000023926	0.934366699	5.199172589	2.64E-07	3.14E-06
ENSMUSG00000033960	1.134141565	3.199554723	2.66E-07	3.15E-06
ENSMUSG00000015314	-0.883230863	6.56680258	2.66E-07	3.15E-06
ENSMUSG00000052298	-0.861523339	8.713353697	2.67E-07	3.16E-06
ENSMUSG00000026177	1.008600468	4.133575437	2.68E-07	3.16E-06
ENSMUSG00000005824	2.543492813	0.467637179	2.68E-07	3.16E-06
ENSMUSG00000041237	0.942078628	5.058544	2.68E-07	3.17E-06
ENSMUSG00000024854	0.945707568	4.872295504	2.76E-07	3.25E-06
ENSMUSG00000000982	1.658140067	1.513236105	2.78E-07	3.27E-06
ENSMUSG00000023094	1.462382573	1.994298312	2.80E-07	3.29E-06
ENSMUSG00000054640	1.473919302	1.972789413	2.82E-07	3.32E-06
ENSMUSG00000036526	0.88227197	6.48136118	2.84E-07	3.33E-06
ENSMUSG00000043939	1.836517335	1.195477769	2.88E-07	3.38E-06
ENSMUSG00000057135	1.595382399	1.630625596	2.91E-07	3.41E-06
ENSMUSG00000026357	1.516362511	1.852431737	2.92E-07	3.42E-06
ENSMUSG00000020785	1.571110508	1.65133081	2.93E-07	3.42E-06
ENSMUSG00000031504	2.074703325	0.9692467	2.96E-07	3.45E-06
ENSMUSG00000021610	-0.855839513	9.271042552	2.99E-07	3.49E-06
ENSMUSG00000026470	1.000521523	4.189257002	3.00E-07	3.49E-06

ENSMUSG00000029467	-0.856180964	9.112727486	3.01E-07	3.50E-06
ENSMUSG00000022263	1.055034317	3.722898815	3.02E-07	3.51E-06
ENSMUSG00000031431	0.880516344	6.481890825	3.05E-07	3.54E-06
ENSMUSG00000044783	-0.861727749	7.897887394	3.08E-07	3.57E-06
ENSMUSG00000021356	-0.853659597	9.553449068	3.13E-07	3.63E-06
ENSMUSG00000036718	1.408757546	2.146072463	3.16E-07	3.65E-06
ENSMUSG00000032578	1.404593412	2.130287804	3.20E-07	3.70E-06
ENSMUSG00000024426	-0.90884485	5.501341666	3.21E-07	3.72E-06
ENSMUSG00000096844	-0.875953115	6.610275654	3.26E-07	3.77E-06
ENSMUSG00000018334	1.023200085	3.885289625	3.30E-07	3.80E-06
ENSMUSG00000024897	1.334248073	2.308587734	3.33E-07	3.84E-06
ENSMUSG00000018001	0.919930579	5.250234394	3.59E-07	4.13E-06
ENSMUSG00000020010	1.668651493	1.525887032	3.73E-07	4.29E-06
ENSMUSG00000032011	1.537461485	1.771753428	3.78E-07	4.34E-06
ENSMUSG00000030792	1.625938648	1.586429697	3.78E-07	4.34E-06
ENSMUSG00000021213	1.911159856	1.133024129	3.81E-07	4.37E-06
ENSMUSG00000053580	1.374520042	2.156984664	3.82E-07	4.38E-06
ENSMUSG00000038976	0.871468411	6.581343373	3.86E-07	4.42E-06
ENSMUSG00000023022	1.190154408	2.861699617	3.89E-07	4.45E-06
ENSMUSG00000028456	1.065294192	3.541011488	3.91E-07	4.46E-06
ENSMUSG00000023186	1.055858553	3.575820017	3.95E-07	4.50E-06
ENSMUSG00000032344	1.261792585	2.557831976	4.08E-07	4.65E-06
ENSMUSG00000032776	1.410201144	2.057115462	4.14E-07	4.71E-06
ENSMUSG00000041444	2.511259868	0.445226079	4.16E-07	4.73E-06
ENSMUSG00000056214	1.443066903	2.038612526	4.20E-07	4.77E-06
ENSMUSG00000037849	1.127570736	3.088552839	4.20E-07	4.77E-06
ENSMUSG00000018819	0.860725109	7.010538647	4.24E-07	4.80E-06
ENSMUSG00000053897	1.001001438	4.101804108	4.29E-07	4.85E-06
ENSMUSG00000009628	1.431498833	1.999736246	4.33E-07	4.89E-06
ENSMUSG00000032076	1.429779756	1.994748143	4.33E-07	4.89E-06
ENSMUSG00000047945	0.927777326	4.907666385	4.37E-07	4.93E-06
ENSMUSG00000036646	-0.84816085	8.226854477	4.37E-07	4.94E-06
ENSMUSG00000036067	1.030842581	3.767688009	4.42E-07	4.98E-06
ENSMUSG00000062585	0.924844229	4.927436544	4.43E-07	4.99E-06
ENSMUSG00000032380	1.365565389	2.209802816	4.44E-07	5.00E-06
ENSMUSG00000030103	1.122667506	3.113481293	4.48E-07	5.03E-06
ENSMUSG00000028497	1.250549412	2.582712615	4.62E-07	5.18E-06
ENSMUSG00000032932	-0.846563652	8.177751655	4.64E-07	5.20E-06
ENSMUSG00000026814	1.014018045	3.973392217	4.65E-07	5.21E-06
ENSMUSG00000074361	1.502629235	1.850372004	4.67E-07	5.23E-06
ENSMUSG00000032012	1.700453736	1.416774071	4.78E-07	5.35E-06
ENSMUSG00000055639	1.960506346	1.039332673	4.80E-07	5.37E-06
ENSMUSG00000063382	0.980903108	4.196246195	4.85E-07	5.41E-06

ENSMUSG00000024033	-1.121976187	3.124404044	4.86E-07	5.42E-06
ENSMUSG00000028132	0.921260113	5.038090506	4.92E-07	5.49E-06
ENSMUSG00000044072	1.606569029	1.602987126	4.96E-07	5.52E-06
ENSMUSG00000027306	-0.864383845	6.445477059	5.02E-07	5.58E-06
ENSMUSG00000089672	1.129192125	3.108046653	5.07E-07	5.63E-06
ENSMUSG00000079429	-0.994465398	4.016368553	5.08E-07	5.64E-06
ENSMUSG00000025207	1.311623123	2.263492692	5.10E-07	5.65E-06
ENSMUSG00000042105	0.926102789	4.812854485	5.17E-07	5.73E-06
ENSMUSG00000047604	1.054657575	3.533672191	5.24E-07	5.80E-06
ENSMUSG00000015947	1.856099916	1.159257532	5.51E-07	6.09E-06
ENSMUSG00000004266	0.849152408	7.212776195	5.52E-07	6.10E-06
ENSMUSG00000026883	1.017523233	3.797235795	5.61E-07	6.19E-06
ENSMUSG00000015850	1.36010544	2.16874247	5.65E-07	6.23E-06
ENSMUSG00000045629	1.025506905	3.747309783	5.91E-07	6.50E-06
ENSMUSG00000038943	-0.850300184	6.947895433	5.94E-07	6.53E-06
ENSMUSG00000050675	2.025273336	0.93869144	6.01E-07	6.61E-06
ENSMUSG00000049115	1.755734093	1.314502508	6.14E-07	6.74E-06
ENSMUSG00000027175	1.539988671	1.747365107	6.21E-07	6.81E-06
ENSMUSG00000027173	1.727366503	1.337732503	6.24E-07	6.84E-06
ENSMUSG00000047443	1.556025598	1.723724782	6.27E-07	6.86E-06
ENSMUSG00000027115	-0.902823227	5.124221202	6.30E-07	6.89E-06
ENSMUSG00000024066	0.975529557	4.145401817	6.36E-07	6.95E-06
ENSMUSG00000087598	2.479868047	0.424446145	6.46E-07	7.05E-06
ENSMUSG00000046668	0.952885908	4.353828234	6.47E-07	7.06E-06
ENSMUSG00000032184	1.599516238	1.55795124	6.49E-07	7.08E-06
ENSMUSG00000033720	1.193118758	2.728055226	6.56E-07	7.14E-06
ENSMUSG00000064147	2.070575245	0.797569139	6.82E-07	7.42E-06
ENSMUSG00000000085	0.971687101	4.138536657	6.91E-07	7.51E-06
ENSMUSG00000031996	0.8498324	6.681939358	6.98E-07	7.58E-06
ENSMUSG00000025375	2.23589943	0.623949742	7.14E-07	7.74E-06
ENSMUSG00000018427	1.069397695	3.334292699	7.17E-07	7.77E-06
ENSMUSG00000070565	1.125443372	3.003362356	7.22E-07	7.82E-06
ENSMUSG00000003849	1.234855817	2.568561586	7.57E-07	8.19E-06
ENSMUSG00000001156	0.889651526	5.287765229	7.59E-07	8.20E-06
ENSMUSG00000032741	0.880320556	5.529859204	7.61E-07	8.21E-06
ENSMUSG00000038604	0.910826518	4.880164473	7.61E-07	8.21E-06
ENSMUSG00000023959	1.270700269	2.362676988	7.64E-07	8.23E-06
ENSMUSG00000039585	0.916485732	4.806372706	7.66E-07	8.24E-06
ENSMUSG00000025232	0.882653163	5.385958092	7.71E-07	8.29E-06
ENSMUSG00000024640	-0.838857067	7.147955371	7.75E-07	8.32E-06
ENSMUSG00000045294	-0.835511965	7.426056548	7.76E-07	8.33E-06
ENSMUSG00000026866	1.206605557	2.557116992	7.77E-07	8.33E-06
ENSMUSG00000008318	0.969831364	4.100266451	7.79E-07	8.34E-06

ENSMUSG00000083282	1.809914927	1.186124142	7.83E-07	8.38E-06
ENSMUSG00000029166	1.315653796	2.211137101	7.89E-07	8.44E-06
ENSMUSG00000015766	1.339457936	2.185932039	8.08E-07	8.63E-06
ENSMUSG00000056367	1.008677226	3.664227311	8.17E-07	8.71E-06
ENSMUSG00000062300	1.714249931	1.277576425	8.17E-07	8.71E-06
ENSMUSG00000022091	1.674607567	1.347347139	8.40E-07	8.95E-06
ENSMUSG00000026072	1.332696477	2.154200376	8.48E-07	9.02E-06
ENSMUSG00000094345	0.822794014	9.081602926	8.48E-07	9.02E-06
ENSMUSG00000086564	1.602362042	1.520400513	8.54E-07	9.07E-06
ENSMUSG00000003573	1.654335955	1.42747248	8.56E-07	9.08E-06
ENSMUSG00000040785	0.866185072	5.693004954	8.63E-07	9.15E-06
ENSMUSG00000029311	0.986439248	3.882296862	8.69E-07	9.21E-06
ENSMUSG00000013707	1.138049096	2.903177735	9.02E-07	9.55E-06
ENSMUSG00000046805	0.837378406	6.79512586	9.41E-07	9.95E-06
ENSMUSG00000039959	0.954217719	4.214528246	9.45E-07	9.99E-06
ENSMUSG00000028825	0.942452324	4.381125609	9.61E-07	1.01E-05
ENSMUSG00000021998	0.820032723	8.51808105	9.77E-07	1.03E-05
ENSMUSG00000030064	1.117860755	2.971942166	9.86E-07	1.04E-05
ENSMUSG00000026399	0.868864313	5.522422052	1.01E-06	1.07E-05
ENSMUSG00000044949	1.528185624	1.658948415	1.06E-06	1.12E-05
ENSMUSG00000027878	0.829793629	7.000095823	1.07E-06	1.12E-05
ENSMUSG00000030748	0.873624726	5.335099466	1.07E-06	1.12E-05
ENSMUSG00000079685	-0.921346522	4.488843857	1.07E-06	1.12E-05
ENSMUSG00000021338	1.217825444	2.542619784	1.08E-06	1.13E-05
ENSMUSG00000073489	1.17726097	2.691386055	1.09E-06	1.14E-05
ENSMUSG00000036606	0.853145279	5.84933045	1.09E-06	1.14E-05
ENSMUSG00000032232	1.717325599	1.283504782	1.12E-06	1.17E-05
ENSMUSG00000042066	1.437683774	1.902530011	1.12E-06	1.17E-05
ENSMUSG00000020032	1.568414201	1.494300412	1.13E-06	1.18E-05
ENSMUSG00000022696	1.620758005	1.447720222	1.13E-06	1.18E-05
ENSMUSG00000025867	1.67641742	1.351646997	1.14E-06	1.18E-05
ENSMUSG00000042345	1.164863925	2.734450466	1.14E-06	1.18E-05
ENSMUSG00000023009	1.621898003	1.401882998	1.14E-06	1.18E-05
ENSMUSG00000032411	0.892588856	4.982931705	1.14E-06	1.18E-05
ENSMUSG00000029596	1.357800972	2.062327774	1.15E-06	1.19E-05
ENSMUSG00000027995	0.914007688	4.606117625	1.16E-06	1.20E-05
ENSMUSG00000021624	0.827660734	6.952687649	1.17E-06	1.21E-05
ENSMUSG00000073412	1.126607441	2.899359386	1.19E-06	1.23E-05
ENSMUSG00000018428	0.916060075	4.571158849	1.19E-06	1.23E-05
ENSMUSG00000021725	1.175562171	2.652923811	1.19E-06	1.23E-05
ENSMUSG00000042272	1.904648981	0.920957467	1.22E-06	1.26E-05
ENSMUSG00000076613	-0.809088955	9.39157788	1.24E-06	1.28E-05
ENSMUSG00000031613	1.053672345	3.277562185	1.25E-06	1.28E-05

ENSMUSG00000035042	1.37323194	1.979076151	1.27E-06	1.31E-05
ENSMUSG00000028926	1.014231092	3.566219484	1.28E-06	1.31E-05
ENSMUSG00000043008	0.887399875	4.909669868	1.28E-06	1.31E-05
ENSMUSG00000020914	-0.807575631	9.454199013	1.29E-06	1.32E-05
ENSMUSG00000038776	0.979404591	3.799813668	1.29E-06	1.33E-05
ENSMUSG00000032487	2.078821485	0.711753949	1.33E-06	1.36E-05
ENSMUSG00000044340	0.956426045	4.028067189	1.34E-06	1.37E-05
ENSMUSG00000000386	1.465777652	1.684761247	1.35E-06	1.38E-05
ENSMUSG00000009687	0.878491584	5.079986654	1.35E-06	1.38E-05
ENSMUSG00000095332	1.303089549	2.207989692	1.38E-06	1.41E-05
ENSMUSG00000035900	0.890434053	4.849622154	1.41E-06	1.43E-05
ENSMUSG00000026566	1.193470907	2.562684456	1.41E-06	1.44E-05
ENSMUSG00000034220	1.767516707	1.091122734	1.42E-06	1.44E-05
ENSMUSG00000028893	0.929723542	4.246110526	1.43E-06	1.46E-05
ENSMUSG00000033287	1.804470891	1.119017513	1.45E-06	1.47E-05
ENSMUSG00000072889	-0.820838566	6.816429264	1.49E-06	1.52E-05
ENSMUSG00000034311	-0.834330025	6.116347256	1.50E-06	1.52E-05
ENSMUSG00000064225	0.892718137	4.831074886	1.50E-06	1.52E-05
ENSMUSG00000031875	1.428062493	1.819505663	1.51E-06	1.53E-05
ENSMUSG00000027985	1.589086848	1.381219126	1.52E-06	1.53E-05
ENSMUSG00000045932	1.094104678	2.992558485	1.53E-06	1.55E-05
ENSMUSG00000012443	-0.809957161	7.712402842	1.54E-06	1.55E-05
ENSMUSG00000001542	-0.802051239	9.227301439	1.55E-06	1.56E-05
ENSMUSG00000091811	1.344989001	2.128298933	1.55E-06	1.57E-05
ENSMUSG00000030257	1.445546308	1.770381365	1.59E-06	1.60E-05
ENSMUSG00000059714	0.91676889	4.374581858	1.59E-06	1.60E-05
ENSMUSG00000006930	1.313542825	2.112961821	1.60E-06	1.61E-05
ENSMUSG00000022867	0.839975073	5.854554554	1.64E-06	1.65E-05
ENSMUSG00000025511	1.14980516	2.750400713	1.67E-06	1.68E-05
ENSMUSG00000004568	0.876513986	4.905122708	1.69E-06	1.69E-05
ENSMUSG00000026918	0.88777862	4.756431273	1.69E-06	1.69E-05
ENSMUSG00000038545	1.085478248	2.999612097	1.69E-06	1.70E-05
ENSMUSG00000051335	1.465678191	1.689492318	1.70E-06	1.70E-05
ENSMUSG00000045639	1.207209931	2.471650466	1.70E-06	1.70E-05
ENSMUSG00000047632	1.232177358	2.383146955	1.73E-06	1.72E-05
ENSMUSG00000043587	1.493307324	1.638729306	1.77E-06	1.76E-05
ENSMUSG00000026872	0.860333292	5.200051295	1.81E-06	1.81E-05
ENSMUSG00000027540	0.812183339	6.950579925	1.83E-06	1.82E-05
ENSMUSG00000041757	1.53359534	1.553430995	1.87E-06	1.86E-05
ENSMUSG00000037692	1.075511692	3.044443305	1.89E-06	1.88E-05
ENSMUSG00000048285	1.070399616	3.046360203	1.89E-06	1.88E-05
ENSMUSG00000034898	-1.281274864	2.123884125	1.90E-06	1.88E-05
ENSMUSG00000024679	1.257280731	2.236229994	1.91E-06	1.89E-05

ENSMUSG00000014503	-1.003972995	3.516343178	1.94E-06	1.92E-05
ENSMUSG00000057193	0.824082369	6.159118084	1.95E-06	1.93E-05
ENSMUSG00000007594	1.749108598	1.079054933	1.96E-06	1.94E-05
ENSMUSG00000026070	1.395500467	1.796178115	1.96E-06	1.94E-05
ENSMUSG00000054484	-0.860569443	5.142535635	1.98E-06	1.96E-05
ENSMUSG00000028184	0.934397873	4.043904291	2.01E-06	1.98E-05
ENSMUSG00000024697	1.671977611	1.195054406	2.03E-06	2.00E-05
ENSMUSG00000038843	0.926202897	4.151666181	2.11E-06	2.08E-05
ENSMUSG00000027002	0.918954489	4.233022033	2.11E-06	2.08E-05
ENSMUSG00000033488	1.454644698	1.713814361	2.12E-06	2.08E-05
ENSMUSG00000034164	1.443681273	1.705544031	2.12E-06	2.08E-05
ENSMUSG00000051495	0.92020604	4.214011466	2.12E-06	2.08E-05
ENSMUSG00000002845	-0.818251239	6.23194109	2.19E-06	2.15E-05
ENSMUSG00000039450	1.175655905	2.495150061	2.23E-06	2.18E-05
ENSMUSG00000099065	0.81966499	6.089280638	2.26E-06	2.21E-05
ENSMUSG00000030102	0.817590368	6.229495818	2.27E-06	2.22E-05
ENSMUSG00000020732	1.380936532	1.846769625	2.28E-06	2.23E-05
ENSMUSG00000032375	1.462339665	1.611862363	2.33E-06	2.27E-05
ENSMUSG00000028643	1.038028658	3.236215019	2.34E-06	2.28E-05
ENSMUSG00000037762	1.902758563	0.846467942	2.36E-06	2.30E-05
ENSMUSG00000024130	0.850183844	5.276706799	2.37E-06	2.31E-05
ENSMUSG00000021196	-0.809045672	6.5182674	2.42E-06	2.35E-05
ENSMUSG00000059479	1.315675456	1.963782986	2.44E-06	2.38E-05
ENSMUSG00000048922	-0.829298458	5.650689054	2.47E-06	2.40E-05
ENSMUSG00000019944	-0.833722852	5.562524983	2.50E-06	2.43E-05
ENSMUSG00000024940	1.904673979	0.926381983	2.55E-06	2.47E-05
ENSMUSG00000000732	0.920020103	4.128179598	2.58E-06	2.50E-05
ENSMUSG00000094777	-0.818272691	5.960230596	2.62E-06	2.53E-05
ENSMUSG00000032561	1.400681737	1.735888074	2.63E-06	2.54E-05
ENSMUSG00000040855	1.169484984	2.606786124	2.67E-06	2.58E-05
ENSMUSG00000032666	1.57373158	1.36765035	2.68E-06	2.59E-05
ENSMUSG00000023940	-0.830824181	5.547864291	2.72E-06	2.63E-05
ENSMUSG00000000037	1.777618746	1.106757422	2.74E-06	2.65E-05
ENSMUSG00000029860	0.817314616	5.917876298	2.78E-06	2.67E-05
ENSMUSG00000057191	0.889276685	4.41654247	2.79E-06	2.68E-05
ENSMUSG00000086968	1.459051347	1.648322649	2.85E-06	2.74E-05
ENSMUSG00000036894	0.995460468	3.445595001	2.86E-06	2.75E-05
ENSMUSG00000020424	2.026889889	0.676114898	2.86E-06	2.75E-05
ENSMUSG00000039210	-0.860902743	4.796377648	2.98E-06	2.85E-05
ENSMUSG00000030323	-1.106795466	2.776549927	3.02E-06	2.90E-05
ENSMUSG00000060733	-0.80813323	6.139210817	3.09E-06	2.96E-05
ENSMUSG00000019731	-0.784818525	7.755674141	3.15E-06	3.01E-05
ENSMUSG00000056144	1.01463611	3.236615904	3.17E-06	3.03E-05

ENSMUSG00000044285	-1.252357516	2.148385133	3.22E-06	3.07E-05
ENSMUSG00000032374	2.201187998	0.488919911	3.22E-06	3.07E-05
ENSMUSG00000020869	-0.777336758	9.038742324	3.23E-06	3.08E-05
ENSMUSG00000031217	1.520063253	1.505586264	3.23E-06	3.08E-05
ENSMUSG00000049871	1.051971346	3.04674051	3.30E-06	3.15E-05
ENSMUSG00000028528	1.015921727	3.284755571	3.33E-06	3.16E-05
ENSMUSG00000049037	0.893145778	4.330895468	3.33E-06	3.16E-05
ENSMUSG00000026880	0.820500111	5.670903999	3.35E-06	3.19E-05
ENSMUSG00000078780	1.151449226	2.513775379	3.40E-06	3.23E-05
ENSMUSG00000003411	1.069976352	2.960983416	3.41E-06	3.23E-05
ENSMUSG00000002324	1.158448675	2.494162431	3.53E-06	3.34E-05
ENSMUSG00000032216	0.784712826	7.345247793	3.54E-06	3.35E-05
ENSMUSG00000056124	1.432723993	1.667804673	3.55E-06	3.36E-05
ENSMUSG00000042289	1.365732882	1.837287168	3.59E-06	3.39E-05
ENSMUSG00000003134	0.98826949	3.375606887	3.63E-06	3.42E-05
ENSMUSG00000055148	0.805827075	5.990071398	3.65E-06	3.44E-05
ENSMUSG00000095120	0.798537575	6.294955978	3.68E-06	3.46E-05
ENSMUSG00000039264	0.930117271	3.836093437	3.68E-06	3.47E-05
ENSMUSG00000018341	1.807059052	0.996278206	3.72E-06	3.50E-05
ENSMUSG00000044934	-0.833061569	5.171294334	3.73E-06	3.50E-05
ENSMUSG00000066150	-0.787247727	6.914961028	3.73E-06	3.51E-05
ENSMUSG00000024381	0.868251219	4.548980461	3.74E-06	3.51E-05
ENSMUSG00000058756	1.06317197	2.966203796	3.75E-06	3.52E-05
ENSMUSG00000020806	0.884153651	4.338859071	3.76E-06	3.53E-05
ENSMUSG00000020089	-0.780637127	7.481065124	3.78E-06	3.54E-05
ENSMUSG00000024193	0.899201307	4.150155677	3.82E-06	3.58E-05
ENSMUSG00000034201	1.112674469	2.686155114	3.84E-06	3.59E-05
ENSMUSG00000031502	0.988129318	3.328837304	3.86E-06	3.61E-05
ENSMUSG00000040466	0.833073905	5.240290187	3.88E-06	3.62E-05
ENSMUSG00000022657	2.17827149	0.587670606	3.91E-06	3.64E-05
ENSMUSG00000037060	2.062391361	0.606718162	3.91E-06	3.64E-05
ENSMUSG00000060470	2.056562445	0.605535175	3.91E-06	3.64E-05
ENSMUSG00000025492	0.880300158	4.389408856	3.97E-06	3.69E-05
ENSMUSG00000021371	0.86566151	4.581942549	4.09E-06	3.80E-05
ENSMUSG00000001870	1.381405333	1.73474858	4.11E-06	3.82E-05
ENSMUSG00000032652	0.933315307	3.804021821	4.11E-06	3.82E-05
ENSMUSG00000028691	-0.770998205	8.461451844	4.13E-06	3.83E-05
ENSMUSG00000014030	0.861890664	4.574659791	4.21E-06	3.90E-05
ENSMUSG00000020798	1.098813819	2.697130513	4.29E-06	3.97E-05
ENSMUSG00000063605	2.258471568	0.406255943	4.32E-06	3.99E-05
ENSMUSG00000018930	2.255504379	0.402786852	4.32E-06	3.99E-05
ENSMUSG00000090124	1.518008532	1.467288169	4.32E-06	3.99E-05
ENSMUSG00000028655	-1.044708206	2.994416088	4.38E-06	4.04E-05

ENSMUSG00000045039	1.254852035	2.080064434	4.38E-06	4.04E-05
ENSMUSG00000045664	1.405639826	1.685111118	4.39E-06	4.05E-05
ENSMUSG00000037020	-0.886523053	4.269468674	4.40E-06	4.05E-05
ENSMUSG00000019852	0.875766184	4.424243439	4.44E-06	4.08E-05
ENSMUSG00000042035	1.043890344	3.058989516	4.46E-06	4.10E-05
ENSMUSG00000015474	1.022261873	3.145921151	4.63E-06	4.26E-05
ENSMUSG00000001120	1.524653401	1.37981145	4.64E-06	4.26E-05
ENSMUSG00000026779	-0.895652555	4.081369694	4.67E-06	4.28E-05
ENSMUSG00000073802	1.857429365	0.814677438	4.82E-06	4.42E-05
ENSMUSG00000066677	1.362639604	1.783600707	4.84E-06	4.43E-05
ENSMUSG00000001467	-0.780654536	6.736209667	4.85E-06	4.43E-05
ENSMUSG00000066682	1.207534055	2.285643237	4.85E-06	4.43E-05
ENSMUSG00000025964	1.271566436	2.016327887	4.92E-06	4.50E-05
ENSMUSG00000001249	0.982291038	3.386506573	4.99E-06	4.55E-05
ENSMUSG00000020183	0.938441926	3.686364313	5.03E-06	4.58E-05
ENSMUSG00000062098	1.778795685	0.907108221	5.06E-06	4.61E-05
ENSMUSG00000023903	1.720042588	0.996313824	5.17E-06	4.71E-05
ENSMUSG00000057948	0.826803474	5.038921506	5.26E-06	4.78E-05
ENSMUSG00000035459	0.956854019	3.424920349	5.28E-06	4.80E-05
ENSMUSG00000021384	1.050839655	2.926060839	5.35E-06	4.86E-05
ENSMUSG00000051343	1.388555017	1.704135696	5.40E-06	4.90E-05
ENSMUSG00000053398	-0.766948581	7.574316886	5.43E-06	4.92E-05
ENSMUSG00000028392	-1.077026124	2.743194327	5.51E-06	4.99E-05
ENSMUSG00000047264	1.052874969	2.87370762	5.59E-06	5.06E-05
ENSMUSG00000026896	0.882786609	4.183301704	5.59E-06	5.06E-05
ENSMUSG00000041355	-0.758689922	8.820730845	5.60E-06	5.07E-05
ENSMUSG00000036854	-1.063126092	2.823896311	5.64E-06	5.09E-05
ENSMUSG00000074622	0.94778177	3.501040161	5.71E-06	5.15E-05
ENSMUSG00000036452	0.842825444	4.636555798	5.98E-06	5.39E-05
ENSMUSG00000026358	1.096137927	2.624120495	5.99E-06	5.40E-05
ENSMUSG00000019838	0.808531964	5.420935045	6.00E-06	5.40E-05
ENSMUSG00000039842	-0.8108646	5.300427371	6.02E-06	5.42E-05
ENSMUSG00000068551	1.243561337	2.012582227	6.05E-06	5.44E-05
ENSMUSG00000038872	1.544271778	1.360446645	6.13E-06	5.51E-05
ENSMUSG00000026737	0.784780995	6.03795099	6.23E-06	5.59E-05
ENSMUSG00000074212	0.926938299	3.672213339	6.24E-06	5.60E-05
ENSMUSG00000017754	1.008179145	3.089691538	6.30E-06	5.65E-05
ENSMUSG00000026683	-0.785916167	5.946063137	6.38E-06	5.72E-05
ENSMUSG00000029804	0.939513389	3.600761026	6.40E-06	5.73E-05
ENSMUSG00000020953	1.527707322	1.292273484	6.44E-06	5.75E-05
ENSMUSG00000042099	1.440917961	1.56561273	6.44E-06	5.75E-05
ENSMUSG00000067424	-1.036561916	2.895275131	6.53E-06	5.83E-05
ENSMUSG00000017499	-0.777271068	6.299263924	6.54E-06	5.84E-05



ENSMUSG00000021556	0.818006537	5.152112941	6.58E-06	5.86E-05
ENSMUSG00000050967	0.881425594	4.114647646	6.59E-06	5.87E-05
ENSMUSG00000053799	0.80678109	5.374727945	6.65E-06	5.91E-05
ENSMUSG00000023960	1.475385237	1.522249411	6.67E-06	5.93E-05
ENSMUSG00000010660	1.967442645	0.730306045	6.69E-06	5.94E-05
ENSMUSG00000050530	1.613948528	1.208834109	6.72E-06	5.96E-05
ENSMUSG00000097039	1.151631355	2.415427501	6.75E-06	5.99E-05
ENSMUSG00000028885	1.026432045	2.962325305	6.82E-06	6.04E-05
ENSMUSG00000061175	0.974309796	3.349408867	6.84E-06	6.06E-05
ENSMUSG00000020492	-0.870454855	4.209425457	6.95E-06	6.14E-05
ENSMUSG00000054474	1.185656857	2.275186005	6.95E-06	6.14E-05
ENSMUSG00000029471	0.879175151	4.098760931	7.00E-06	6.19E-05
ENSMUSG00000095595	-0.890370744	3.96069821	7.01E-06	6.19E-05
ENSMUSG00000026532	0.837322364	4.783481461	7.02E-06	6.19E-05
ENSMUSG00000041075	1.163995863	2.396189705	7.04E-06	6.21E-05
ENSMUSG00000072109	-0.78511118	5.820270485	7.15E-06	6.30E-05
ENSMUSG00000024402	1.670282289	1.024042222	7.16E-06	6.30E-05
ENSMUSG00000047821	1.701396028	0.982768845	7.18E-06	6.31E-05
ENSMUSG00000026638	1.695864489	0.978313732	7.18E-06	6.31E-05
ENSMUSG00000057530	0.864803429	4.198248393	7.35E-06	6.46E-05
ENSMUSG00000067629	1.49164751	1.446461489	7.37E-06	6.47E-05
ENSMUSG00000052087	0.852971709	4.380919582	7.40E-06	6.49E-05
ENSMUSG00000028795	0.985303597	3.21252408	7.61E-06	6.67E-05
ENSMUSG00000079362	1.30664935	1.7637887	7.67E-06	6.72E-05
ENSMUSG00000026080	1.370474187	1.619966792	7.68E-06	6.72E-05
ENSMUSG00000034641	0.877459408	4.144670509	7.73E-06	6.75E-05
ENSMUSG00000033278	1.26497754	1.983423616	7.75E-06	6.77E-05
ENSMUSG00000018474	0.798466838	5.368422708	7.83E-06	6.83E-05
ENSMUSG00000021917	-0.748844381	8.187349243	7.97E-06	6.95E-05
ENSMUSG00000022498	-0.744946467	8.870473354	8.17E-06	7.12E-05
ENSMUSG00000020053	1.074526854	2.656460568	8.31E-06	7.24E-05
ENSMUSG00000040264	0.834390173	4.548581974	8.32E-06	7.24E-05
ENSMUSG00000032462	0.851932447	4.353238293	8.37E-06	7.28E-05
ENSMUSG00000079108	-0.764899617	6.467863985	8.41E-06	7.31E-05
ENSMUSG00000037649	0.801339284	5.213536302	8.45E-06	7.33E-05
ENSMUSG00000027082	0.997706467	3.062240183	8.53E-06	7.40E-05
ENSMUSG00000002204	0.786952553	5.558019573	8.63E-06	7.48E-05
ENSMUSG00000040669	0.930267423	3.493883	8.82E-06	7.64E-05
ENSMUSG00000025314	0.757739716	6.796899453	8.88E-06	7.68E-05
ENSMUSG00000041115	1.220734359	2.0962367	8.89E-06	7.68E-05
ENSMUSG00000026271	1.019344221	2.977792146	8.89E-06	7.68E-05
ENSMUSG00000023505	-0.759385055	6.643951209	8.94E-06	7.72E-05
ENSMUSG00000031642	1.095013984	2.485405053	8.96E-06	7.73E-05

ENSMUSG00000026748	1.844703388	0.728776106	9.61E-06	8.28E-05
ENSMUSG00000026170	1.3271277	1.757660844	9.64E-06	8.31E-05
ENSMUSG00000052632	1.281892071	1.8686869	9.65E-06	8.31E-05
ENSMUSG00000078439	1.629756853	1.052531705	9.74E-06	8.38E-05
ENSMUSG00000030402	1.621489081	1.051417491	9.74E-06	8.38E-05
ENSMUSG00000029472	-0.739159857	8.70450364	9.75E-06	8.38E-05
ENSMUSG00000035936	1.813954686	0.780016423	9.80E-06	8.42E-05
ENSMUSG00000043998	-0.743652787	7.735808949	9.94E-06	8.53E-05
ENSMUSG00000027488	1.676286895	0.967859237	9.95E-06	8.53E-05
ENSMUSG00000021125	1.733235165	0.875778454	9.99E-06	8.55E-05
ENSMUSG00000032135	1.706398722	0.92272595	9.99E-06	8.55E-05
ENSMUSG00000020576	-0.743928438	7.655075766	1.00E-05	8.56E-05
ENSMUSG00000043439	1.007616016	2.977727171	1.00E-05	8.59E-05
ENSMUSG00000028124	0.774790645	5.770163932	1.02E-05	8.73E-05
ENSMUSG00000060227	0.816869719	4.798899595	1.03E-05	8.75E-05
ENSMUSG00000044770	1.039830858	2.757984375	1.03E-05	8.75E-05
ENSMUSG00000018800	1.022362373	2.867541835	1.04E-05	8.85E-05
ENSMUSG00000079555	-0.774629403	5.690088736	1.04E-05	8.86E-05
ENSMUSG00000051412	-0.783213889	5.471963931	1.06E-05	9.06E-05
ENSMUSG00000027330	-0.756984147	6.346283846	1.09E-05	9.31E-05
ENSMUSG00000021256	2.084178709	0.405724579	1.10E-05	9.37E-05
ENSMUSG00000028028	1.298242274	1.796111646	1.11E-05	9.38E-05
ENSMUSG00000038332	0.780760368	5.516758575	1.12E-05	9.48E-05
ENSMUSG00000038059	1.023256447	2.839306769	1.12E-05	9.50E-05
ENSMUSG00000027845	-0.788900853	5.230405843	1.12E-05	9.50E-05
ENSMUSG00000037822	0.786920419	5.311752787	1.12E-05	9.51E-05
ENSMUSG00000027381	0.733179295	8.857775545	1.13E-05	9.56E-05
ENSMUSG00000026519	0.847968692	4.194562223	1.15E-05	9.70E-05
ENSMUSG00000026458	1.397057519	1.495723362	1.16E-05	9.77E-05
ENSMUSG00000061689	0.887088627	3.803048694	1.17E-05	9.84E-05
ENSMUSG00000022881	-0.766173965	5.825291284	1.18E-05	9.93E-05
ENSMUSG00000031216	1.368801549	1.62466044	1.20E-05	0.000101166
ENSMUSG00000031112	0.826350302	4.512649947	1.21E-05	0.00010201
ENSMUSG00000032586	-0.840844342	4.264183747	1.21E-05	0.000102122
ENSMUSG00000096846	-1.416947255	1.411400951	1.25E-05	0.000105318
ENSMUSG00000026004	-0.790821456	5.07365591	1.27E-05	0.000106257
ENSMUSG00000033952	-0.751359716	6.343397847	1.27E-05	0.000106257
ENSMUSG00000089762	1.019624004	2.83809152	1.28E-05	0.000107231
ENSMUSG00000066258	0.835827656	4.311434687	1.28E-05	0.000107231
ENSMUSG00000032058	0.755871445	6.161637673	1.28E-05	0.000107231
ENSMUSG00000063659	0.817564865	4.575955525	1.28E-05	0.000107333
ENSMUSG00000024104	0.762487023	5.833677816	1.29E-05	0.00010759
ENSMUSG00000042500	1.008785447	2.870043549	1.29E-05	0.000108181

ENSMUSG00000061751	1.459069673	1.383357062	1.30E-05	0.000108811
ENSMUSG00000057329	0.788560617	5.067593879	1.31E-05	0.000109478
ENSMUSG00000008153	1.351550695	1.690317945	1.33E-05	0.000110795
ENSMUSG00000035629	0.769459375	5.600078245	1.34E-05	0.000112078
ENSMUSG00000074896	1.875103391	0.660973852	1.35E-05	0.000112331
ENSMUSG00000042010	1.868518181	0.659113272	1.35E-05	0.000112331
ENSMUSG00000022132	1.692078752	0.982458549	1.36E-05	0.000112908
ENSMUSG00000032413	-0.753931669	6.099662738	1.36E-05	0.000113014
ENSMUSG00000022957	0.829832381	4.383086385	1.36E-05	0.000113179
ENSMUSG00000052155	1.116819408	2.380517275	1.37E-05	0.000114027
ENSMUSG00000022496	-0.789451878	4.98094226	1.38E-05	0.000114725
ENSMUSG00000007589	-0.767813964	5.591864022	1.39E-05	0.000115281
ENSMUSG00000094025	-1.666818957	0.897770331	1.39E-05	0.000115281
ENSMUSG00000038807	0.792321232	4.993092985	1.40E-05	0.000115551
ENSMUSG00000025758	-0.749991824	6.221535206	1.40E-05	0.000116085
ENSMUSG00000040658	1.035771921	2.736150072	1.41E-05	0.000116401
ENSMUSG00000064267	0.76354436	5.698304124	1.44E-05	0.000118847
ENSMUSG00000040997	0.868131304	3.877394709	1.45E-05	0.000119948
ENSMUSG00000038967	0.876667175	3.813778003	1.46E-05	0.000120531
ENSMUSG00000030393	-1.12330306	2.295889044	1.46E-05	0.000120636
ENSMUSG00000034066	-0.787339395	4.987096634	1.48E-05	0.000122266
ENSMUSG00000075266	-0.831609503	4.269471502	1.52E-05	0.00012527
ENSMUSG00000026605	-0.739185925	6.641781905	1.53E-05	0.000125946
ENSMUSG00000031262	-0.789275711	4.955869671	1.55E-05	0.000127593
ENSMUSG00000042284	1.263252823	1.827289303	1.56E-05	0.000128141
ENSMUSG00000043154	1.200400532	1.996062626	1.59E-05	0.000130626
ENSMUSG00000028312	-0.724904228	7.839050771	1.61E-05	0.000132328
ENSMUSG00000039377	1.39246181	1.412847771	1.63E-05	0.000133549
ENSMUSG00000028843	0.766946321	5.47078844	1.64E-05	0.000134269
ENSMUSG00000058385	-1.243674215	1.889417101	1.66E-05	0.000136083
ENSMUSG00000091993	-1.230234563	1.880683031	1.66E-05	0.000136083
ENSMUSG00000026317	0.781975419	5.040187717	1.68E-05	0.000137292
ENSMUSG00000026622	-0.747653669	6.005411871	1.68E-05	0.000137292
ENSMUSG00000079800	-0.854626346	3.927251444	1.70E-05	0.000138688
ENSMUSG00000035403	-1.421054737	1.373144902	1.70E-05	0.000138688
ENSMUSG00000059089	0.856439628	3.913789418	1.71E-05	0.000138985
ENSMUSG00000036377	0.858660336	4.010179635	1.71E-05	0.000139196
ENSMUSG00000041362	1.142842525	2.180094837	1.72E-05	0.00013974
ENSMUSG00000028671	-0.809014042	4.482256041	1.72E-05	0.00013974
ENSMUSG00000001288	1.244041216	1.866649319	1.75E-05	0.000142191
ENSMUSG00000041695	1.384685346	1.527696669	1.76E-05	0.000142706
ENSMUSG00000054843	0.843037438	4.043294635	1.77E-05	0.00014379
ENSMUSG00000034771	1.621660378	1.055307045	1.78E-05	0.00014384

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ENSMUSG00000038252	-0.720487193	7.95667518	1.78E-05	0.000144047
ENSMUSG00000034206	-0.754890625	5.646695328	1.79E-05	0.000144754
ENSMUSG00000045287	1.591595559	1.024213942	1.82E-05	0.000147319
ENSMUSG00000019916	0.787270615	4.829792041	1.84E-05	0.000148795
ENSMUSG00000027641	-0.7363241	6.39343032	1.85E-05	0.000148951
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ENSMUSG00000030946	1.045391472	2.6009192	1.88E-05	0.000151832
ENSMUSG00000066278	0.819527809	4.341889238	1.89E-05	0.000152596
ENSMUSG00000047045	0.761748692	5.449660692	1.90E-05	0.000153132
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ENSMUSG00000001946	1.897773127	0.587079355	1.91E-05	0.000153214
ENSMUSG00000053977	1.894895101	0.587246081	1.91E-05	0.000153214
ENSMUSG00000096715	-0.715554676	8.171835303	1.96E-05	0.000156983
ENSMUSG00000029761	1.804703695	0.696533062	1.97E-05	0.000158231
ENSMUSG00000032041	-0.750161479	5.64300748	2.01E-05	0.000160823
ENSMUSG00000024299	0.797976748	4.558163706	2.03E-05	0.000162263
ENSMUSG00000031503	1.059657295	2.534610117	2.04E-05	0.000163288
ENSMUSG00000022469	0.868431938	3.749449103	2.05E-05	0.000164052
ENSMUSG00000028277	-0.711386092	8.595289309	2.08E-05	0.000166528
ENSMUSG00000026348	1.534785113	1.207876645	2.09E-05	0.000166734
ENSMUSG00000027323	-0.741766825	5.899760815	2.09E-05	0.000166812
ENSMUSG00000027006	-0.714263755	7.811084902	2.15E-05	0.000171617
ENSMUSG00000024542	-0.721208598	7.013529626	2.16E-05	0.000172171
ENSMUSG00000043091	-0.726720786	6.58332283	2.17E-05	0.00017259
ENSMUSG00000009739	0.970031938	2.914843075	2.17E-05	0.00017259
ENSMUSG00000018593	0.877500422	3.598222237	2.19E-05	0.000174231
ENSMUSG00000022863	-0.818988218	4.243971159	2.19E-05	0.000174299
ENSMUSG00000003032	0.80392368	4.438353479	2.20E-05	0.000174964
ENSMUSG00000023249	1.007656646	2.707360827	2.22E-05	0.000176553
ENSMUSG00000022353	0.740473383	5.887230023	2.23E-05	0.000176718
ENSMUSG00000022370	-0.738557223	5.92558285	2.25E-05	0.000177966
ENSMUSG00000005686	0.83403365	4.090528488	2.25E-05	0.000177974
ENSMUSG00000037995	1.504026363	1.130889244	2.25E-05	0.000178115
ENSMUSG00000094930	-0.724457184	6.633781133	2.26E-05	0.000178952
ENSMUSG00000022747	0.783760136	4.806991135	2.27E-05	0.000179082
ENSMUSG00000097908	0.919292848	3.292823794	2.27E-05	0.000179355
ENSMUSG00000035365	-0.793179983	4.541299927	2.28E-05	0.000179572
ENSMUSG00000006235	0.854651346	3.943078531	2.28E-05	0.000179579
ENSMUSG00000025171	1.218272347	1.844510703	2.28E-05	0.000179762
ENSMUSG00000022951	0.864459189	3.723762236	2.29E-05	0.000180335
ENSMUSG00000034118	-0.716557746	7.189346403	2.32E-05	0.000182465
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ENSMUSG00000024795	-0.723606234	6.541060987	2.41E-05	0.000189128
ENSMUSG00000019942	-0.721608571	6.652061178	2.41E-05	0.000189428
ENSMUSG00000102037	1.468816565	1.301875033	2.43E-05	0.000190809
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ENSMUSG00000052062	1.313495412	1.545541373	2.74E-05	0.000213857
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ENSMUSG00000023272	-0.698107198	9.440035268	2.77E-05	0.000216006
ENSMUSG00000067878	1.701070506	0.781938364	2.78E-05	0.000216788
ENSMUSG00000078817	1.700620016	0.782623148	2.78E-05	0.000216788
ENSMUSG00000038540	1.190470609	1.915205439	2.79E-05	0.000217035
ENSMUSG00000035310	-0.728063229	5.986454741	2.80E-05	0.00021791
ENSMUSG00000042745	1.918917374	0.608667001	2.81E-05	0.000218351
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ENSMUSG00000024955	0.83641316	3.724465611	3.44E-05	0.00026223
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ENSMUSG00000020230	1.359152843	1.389993358	3.57E-05	0.000270991
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ENSMUSG00000040274	0.767209862	4.739243226	3.62E-05	0.000273911
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ENSMUSG0000002297	-0.712099949	6.25451698	3.64E-05	0.000274655
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ENSMUSG00000034088	-0.685215225	10.40221025	3.73E-05	0.000280037
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ENSMUSG00000005360	1.61503845	0.85911768	3.73E-05	0.000280205
ENSMUSG00000051154	0.719073011	5.905886874	3.74E-05	0.000280642
ENSMUSG00000003585	0.895382394	3.314434838	3.79E-05	0.000283932
ENSMUSG00000024013	0.735100331	5.337072687	3.80E-05	0.000284835
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ENSMUSG00000042498	1.444643695	1.245514616	4.41E-05	0.000325319
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ENSMUSG00000086370	-0.744885116	4.877505617	4.81E-05	0.000348966
ENSMUSG00000091649	0.748200948	4.780085141	4.86E-05	0.000352041
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ENSMUSG00000070369	1.000722625	2.542096104	4.98E-05	0.000360312
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ENSMUSG00000038371	0.831239704	3.665012971	5.09E-05	0.000367009
ENSMUSG00000055817	0.762272179	4.495198467	5.10E-05	0.00036758
ENSMUSG00000027298	1.073427264	2.190441202	5.11E-05	0.000367819
ENSMUSG00000031373	1.063534347	2.289389292	5.12E-05	0.000368548
ENSMUSG00000034714	1.348771636	1.303323851	5.18E-05	0.000372808
ENSMUSG00000002227	0.863040599	3.359657901	5.21E-05	0.000374463
ENSMUSG00000041498	-0.712811453	5.573389849	5.28E-05	0.000379603
ENSMUSG00000051235	-0.7468082	4.739940953	5.31E-05	0.000381383
ENSMUSG00000042323	-0.677604449	8.030510427	5.34E-05	0.000383074
ENSMUSG00000074476	-0.718214014	5.43003118	5.36E-05	0.000384561
ENSMUSG00000039976	0.957043753	2.756538018	5.37E-05	0.000384994
ENSMUSG00000038351	1.036347096	2.357609237	5.38E-05	0.000385482
ENSMUSG00000049985	-0.747761755	4.709525752	5.41E-05	0.00038734
ENSMUSG00000026708	-0.752750661	4.611525516	5.50E-05	0.000393453
ENSMUSG00000026104	0.744084163	4.753805889	5.52E-05	0.000394834
ENSMUSG00000047238	1.150277222	1.933047756	5.55E-05	0.000396269
ENSMUSG00000026405	-0.895899305	3.016881213	5.58E-05	0.000398591
ENSMUSG00000024856	-0.68674107	6.774337097	5.59E-05	0.000398893
ENSMUSG00000025270	1.279626954	1.608827354	5.61E-05	0.000400041
ENSMUSG00000020986	-0.691491335	6.431276346	5.63E-05	0.000401197
ENSMUSG00000042190	1.126380005	2.04299318	5.68E-05	0.000404234
ENSMUSG00000031953	-0.859711003	3.319355617	5.69E-05	0.000404844
ENSMUSG00000091625	-0.707929521	5.624181969	5.75E-05	0.00040876
ENSMUSG00000020330	-0.681354155	7.134909046	5.77E-05	0.000410045
ENSMUSG00000026447	0.733429245	4.899752991	5.77E-05	0.000410045
ENSMUSG00000035293	-0.702623547	5.800383017	5.80E-05	0.000411588
ENSMUSG00000029050	0.743483548	4.744985341	5.80E-05	0.000411588
ENSMUSG00000028494	0.793792074	3.969602776	5.85E-05	0.000414906
ENSMUSG00000030249	1.222346262	1.585815967	5.97E-05	0.000422982
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ENSMUSG00000033777	0.774549842	4.198311218	6.05E-05	0.000428097
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ENSMUSG00000040268	0.730596046	4.900471844	6.34E-05	0.000447439
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ENSMUSG00000047146	1.109254443	2.001847931	6.40E-05	0.000450916
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ENSMUSG00000019927	0.799131531	3.886829993	6.45E-05	0.000452996
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ENSMUSG00000074802	-0.762075541	4.310710068	6.65E-05	0.000466091
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ENSMUSG00000076676	0.675194344	7.038391777	7.03E-05	0.000489577
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ENSMUSG00000035840	-0.689893573	5.88381691	7.54E-05	0.000520379
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ENSMUSG00000004043	0.733160908	4.791394892	7.55E-05	0.000520731
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ENSMUSG00000031672	-0.664071641	7.950438422	7.57E-05	0.000521352
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ENSMUSG00000025757	0.713836377	5.168534599	7.72E-05	0.000531266
ENSMUSG00000022018	-0.68480513	6.074844077	7.76E-05	0.000533164
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ENSMUSG00000041936	0.762451332	4.211671575	7.97E-05	0.000547292
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ENSMUSG00000024347	1.69560388	0.622523979	8.16E-05	0.000559404
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ENSMUSG00000060098	-0.682673586	5.829956431	9.31E-05	0.000628131
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ENSMUSG00000026196	-0.698710337	5.002910186	0.000118994	0.000783665
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ENSMUSG00000039396	-0.734371408	4.308587787	0.000119208	0.000784197
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ENSMUSG00000029162	0.869929904	2.930410181	0.000143803	0.000923194
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ENSMUSG00000033688	1.107789767	1.948372055	0.000145114	0.000930048
ENSMUSG00000062901	0.656775595	6.169483959	0.000145777	0.000933774
ENSMUSG00000055612	0.667207347	5.693745546	0.000146085	0.000935224
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ENSMUSG00000032014	0.939816561	2.524325304	0.000161372	0.001024932
ENSMUSG00000025736	-0.807092655	3.298969356	0.000161441	0.001024932
ENSMUSG00000003282	1.174698503	1.593181207	0.000161912	0.001027356
ENSMUSG00000000811	1.069515248	1.962532013	0.000163355	0.00103594
ENSMUSG00000055322	0.732935776	4.204951716	0.000164147	0.001040388
ENSMUSG00000053317	-0.630892708	8.173760926	0.000164534	0.001042259
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ENSMUSG00000085786	0.758391028	3.823495681	0.00016626	0.001051099
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ENSMUSG00000011752	-0.639079609	6.97561457	0.000166475	0.001051646
ENSMUSG00000032815	-0.699068997	4.692105838	0.000166706	0.001052524
ENSMUSG00000002007	0.80403998	3.34453188	0.000167008	0.001053854
ENSMUSG00000033781	1.02024782	2.058399114	0.000167349	0.00105541
ENSMUSG00000021824	-0.637923051	7.057942638	0.000167439	0.00105541
ENSMUSG00000041891	-0.626608092	9.201488245	0.000168007	0.001058407
ENSMUSG00000052837	0.644915945	6.480844001	0.000168318	0.001059476
ENSMUSG00000071708	0.659800181	5.73694367	0.000168362	0.001059476
ENSMUSG00000074497	0.892641291	2.720072554	0.000169776	0.001067791
ENSMUSG00000035673	0.648714614	6.210290931	0.000170126	0.001069401
ENSMUSG00000025195	0.826906506	3.125108152	0.000170641	0.00107205
ENSMUSG00000038486	1.290641971	1.182824929	0.000170815	0.001072555
ENSMUSG00000042286	1.039038916	2.004263702	0.000171241	0.001074642
ENSMUSG00000076498	1.365903717	1.034572087	0.000171638	0.001076276
ENSMUSG00000071350	-0.669366671	5.340100749	0.000171689	0.001076276
ENSMUSG00000022369	-0.714154654	4.368271271	0.000173276	0.001085631
ENSMUSG00000024330	0.904118117	2.601979279	0.000173574	0.00108655
ENSMUSG00000028622	-0.649143384	6.13597571	0.000173613	0.00108655
ENSMUSG00000027429	-0.632517369	7.506727411	0.000173977	0.001088237
ENSMUSG00000022708	-0.660233486	5.614135989	0.000174618	0.001091078
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ENSMUSG00000040111	0.892211534	2.684156776	0.000175424	0.001094892
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ENSMUSG00000033318	-0.696057385	4.599946607	0.00018207	0.001133906
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ENSMUSG00000045414	0.724216318	4.159065185	0.000199008	0.0012287
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ENSMUSG00000025277	0.916556167	2.416976192	0.000224099	0.001357272
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ENSMUSG00000027654	-0.76000205	3.538512832	0.000234903	0.001409679
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ENSMUSG00000035472	0.803374363	3.254879307	0.000250586	0.001493218
ENSMUSG00000037868	0.838103525	2.916956197	0.000252071	0.001501287
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ENSMUSG00000051497	1.182600264	1.311949538	0.00032298	0.001874857
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ENSMUSG00000092572	1.33476757	1.025906612	0.000368703	0.002105063
ENSMUSG00000032786	0.679626916	4.284051348	0.00036946	0.002108335
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ENSMUSG00000094174	1.115164712	1.523192497	0.000421816	0.002367005
ENSMUSG00000040616	0.894234095	2.371414626	0.000426773	0.002393649
ENSMUSG00000030447	0.617569315	5.733176266	0.000427152	0.0023946
ENSMUSG00000029650	-0.63676027	5.083725024	0.000428394	0.002400388
ENSMUSG00000049044	1.018791073	1.771186745	0.000429642	0.002405293
ENSMUSG00000029910	-0.608294198	6.1470234	0.000429689	0.002405293
ENSMUSG00000036814	1.596729414	0.568423781	0.000431267	0.002411766
ENSMUSG00000024232	1.510520147	0.58683628	0.000431267	0.002411766
ENSMUSG00000018509	0.694117479	4.022080797	0.000432382	0.002416821
ENSMUSG00000048217	1.133911014	1.440513785	0.000433057	0.002419414
ENSMUSG00000038349	1.306707413	0.951785951	0.000433619	0.002421374
ENSMUSG00000038679	0.740888392	3.481633914	0.000434975	0.002427763
ENSMUSG00000049866	0.791459527	3.068736266	0.000436485	0.002435002
ENSMUSG00000042594	0.624817769	5.427017508	0.000438333	0.002444123
ENSMUSG00000025747	-0.613557022	5.818079388	0.000440272	0.002453742
ENSMUSG00000029461	0.631337914	5.14993687	0.000440742	0.002455162
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ENSMUSG00000003378	1.093062283	1.567541313	0.000443965	0.002469516

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ENSMUSG00000028587	-0.680159626	4.158897228	0.000447981	0.002484613
ENSMUSG00000027776	0.999646632	1.938583834	0.000452489	0.002508402
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ENSMUSG00000039236	-0.595052269	6.787507532	0.000471911	0.002603541
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ENSMUSG00000028560	-0.56364611	7.782504674	0.000785373	0.004048101
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ENSMUSG00000036768	-0.470599708	6.264400196	0.006232833	0.024355043
ENSMUSG00000037922	0.464734454	6.780862352	0.006247205	0.024402879
ENSMUSG00000071715	0.489512886	5.208719991	0.006255851	0.02442832
ENSMUSG00000001138	0.555531282	3.70852605	0.006261914	0.024441207
ENSMUSG00000071757	0.53963352	3.974167077	0.006263419	0.024441207
ENSMUSG00000052911	0.794506655	1.659335536	0.006273342	0.024467549
ENSMUSG00000059013	0.501775314	4.766559406	0.006274443	0.024467549
ENSMUSG00000026958	0.706514921	2.315659725	0.006282873	0.024492084
ENSMUSG00000099757	0.560449453	3.59522937	0.006295169	0.024531667
ENSMUSG00000038375	0.484990204	5.36507638	0.006415814	0.024993307
ENSMUSG00000020605	0.745302579	2.02291458	0.006429366	0.025037583
ENSMUSG00000042106	0.662244663	2.544165623	0.006452216	0.025118024
ENSMUSG00000037126	0.679711834	2.427034518	0.006460652	0.025142318
ENSMUSG00000023345	-0.529821059	4.077586264	0.006474392	0.025183215
ENSMUSG00000021123	0.756572627	1.895541854	0.006476902	0.025183215
ENSMUSG00000020873	-0.457839315	7.524777726	0.006477757	0.025183215
ENSMUSG00000026484	0.483207019	5.423965065	0.006493129	0.02523441
ENSMUSG00000046230	0.473711958	5.906339272	0.0065075	0.02528168
ENSMUSG00000008496	0.458225907	7.327901011	0.006540818	0.025402504
ENSMUSG00000026924	-0.454674245	8.127854235	0.006545366	0.025411552
ENSMUSG00000087107	-0.45434844	8.159509487	0.006565355	0.025480518
ENSMUSG00000044937	-0.52008102	4.216193932	0.006574378	0.025506895
ENSMUSG00000075470	-0.472016078	5.935781153	0.006586003	0.025543344
ENSMUSG00000032643	0.960794819	1.145858167	0.006593189	0.025552423
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ENSMUSG00000026117	1.018278185	0.8768004	0.006595037	0.025552423
ENSMUSG00000020362	-0.455229555	7.848536167	0.006602489	0.025572642
ENSMUSG00000038855	0.483661443	5.249821039	0.006611434	0.025598632
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ENSMUSG00000033096	-0.474989038	5.660397228	0.006705153	0.025917692
ENSMUSG00000020780	-0.454614544	7.62723669	0.006798192	0.026268454
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ENSMUSG00000002396	0.628622531	2.823764315	0.006829818	0.026363972
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ENSMUSG00000018796	0.492377297	4.973769956	0.00691059	0.026657791
ENSMUSG00000043262	-0.521877079	4.16637505	0.006925401	0.026705932
ENSMUSG00000030609	0.482962529	5.277291555	0.00693855	0.026747631
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ENSMUSG00000037936	0.486029661	4.944572698	0.007612901	0.029015158
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ENSMUSG00000098923	0.552510135	3.503121307	0.007998842	0.030135112
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ENSMUSG00000002870	-0.444159836	7.761175102	0.008085914	0.030353319
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ENSMUSG00000002486	-0.521658697	3.937181168	0.00849484	0.03163948
ENSMUSG00000033658	-0.467558379	5.372088139	0.008516624	0.031710302
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ENSMUSG00000032783	-0.527184703	3.852432087	0.008579697	0.031920919
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ENSMUSG00000032557	-0.440302439	7.866415754	0.00859061	0.031933872
ENSMUSG00000028383	0.474715119	5.079221249	0.008610001	0.031995569
ENSMUSG00000030494	-0.520793685	3.929172281	0.00861502	0.032003834
ENSMUSG00000040254	0.797842399	1.525201496	0.00864034	0.03208749
ENSMUSG00000028127	0.480155581	4.926487983	0.008665166	0.032164442
ENSMUSG00000020070	-0.512357945	4.071809862	0.008666678	0.032164442
ENSMUSG00000041718	-0.523081673	3.894353362	0.008676338	0.032189862
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ENSMUSG00000070544	-0.435201507	9.460543923	0.00877605	0.032496637
ENSMUSG00000023805	0.742344835	1.88441547	0.008782221	0.032508979
ENSMUSG00000025289	-0.440143464	7.585052376	0.008807686	0.032592705
ENSMUSG00000041236	0.457984936	5.768741673	0.008815225	0.032610069
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ENSMUSG00000038690	-0.445857795	6.678690555	0.008873553	0.032794065
ENSMUSG00000078861	0.863695781	1.231171864	0.008878587	0.032799279
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ENSMUSG00000044456	0.460513437	5.566709089	0.008883556	0.032799279
ENSMUSG00000027287	0.466347823	5.330098591	0.008905511	0.032869745
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ENSMUSG00000038982	0.556177778	3.374092496	0.008973974	0.0330811
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ENSMUSG00000037242	-0.435795009	8.391328108	0.009007058	0.033167684
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ENSMUSG00000086605	-0.914949229	1.098561563	0.009188763	0.033701833
ENSMUSG00000064090	0.568797897	3.207576948	0.009189804	0.033701833
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ENSMUSG00000032249	0.443121188	6.757674958	0.009237709	0.033845003
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ENSMUSG00000031232	-0.432580097	8.579443432	0.009449758	0.034522511
ENSMUSG00000035759	0.968182213	0.893283099	0.009502786	0.03470517
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ENSMUSG00000039055	-0.53439421	3.604505731	0.009529253	0.034779647
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ENSMUSG00000040415	0.501027882	4.252990425	0.009556518	0.034845844
ENSMUSG00000085837	0.707445519	2.044023481	0.009574959	0.034901975
ENSMUSG00000027706	-0.434221846	7.751635225	0.009632788	0.035101599
ENSMUSG00000037119	-0.437003932	7.192746339	0.009646268	0.035139537
ENSMUSG00000023947	0.479305736	4.650188517	0.009663852	0.035192398
ENSMUSG00000075502	-0.658738985	2.347290914	0.009703281	0.035324754
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ENSMUSG00000044702	-0.544251601	3.445920792	0.009781592	0.03555334
ENSMUSG00000041859	-0.433530221	7.634486191	0.009832819	0.035728198
ENSMUSG00000029790	0.583357824	2.982132606	0.009849789	0.035778506
ENSMUSG00000036273	0.441672586	6.412099259	0.009865425	0.035823941
ENSMUSG00000026864	-0.426860714	12.02144148	0.009875549	0.035849339
ENSMUSG00000050786	0.722294681	1.915207215	0.00989941	0.035905643
ENSMUSG00000061778	-0.47543203	4.737166611	0.009900202	0.035905643
ENSMUSG00000030409	0.745018174	1.823192359	0.009900465	0.035905643
ENSMUSG00000051319	0.675060689	2.21286717	0.009925418	0.035984747
ENSMUSG00000035898	-0.453912626	5.55841135	0.009966351	0.036121714
ENSMUSG00000044641	0.685660445	2.138881293	0.010022941	0.036315324
ENSMUSG00000022978	-0.491182904	4.300558162	0.01003108	0.036333322
ENSMUSG00000090164	0.508813771	3.86153235	0.010039655	0.036352883
ENSMUSG00000027804	0.442875591	6.257841859	0.010058381	0.036409177
ENSMUSG00000044465	0.520005588	3.678574985	0.010062664	0.036413172
ENSMUSG00000031770	-0.429598925	8.324447797	0.010078957	0.036452877
ENSMUSG00000072980	-0.498843556	4.071256576	0.010080002	0.036452877
ENSMUSG00000039474	-0.471079819	4.820257009	0.010114561	0.03656631
ENSMUSG00000068335	0.498138879	4.193475856	0.010130665	0.036612972
ENSMUSG00000031479	-0.452885087	5.552508731	0.010154124	0.036686177
ENSMUSG00000029513	0.466809394	4.989174301	0.010160625	0.03669809
ENSMUSG00000084159	-0.512773643	3.837153739	0.010170851	0.036722777
ENSMUSG00000022769	-0.428191084	8.636248593	0.010173873	0.036722777
ENSMUSG00000057666	-0.492063588	4.225411884	0.010180909	0.036736594
ENSMUSG00000042473	-0.470188362	4.828612136	0.010222063	0.036873477
ENSMUSG00000034189	0.471284449	4.810700187	0.010293653	0.037120026

ENSMUSG00000028484	-0.430133065	7.786421907	0.010300214	0.037131997
ENSMUSG00000022119	-0.435251063	6.870841867	0.010359626	0.037315503
ENSMUSG00000041827	-0.488009458	4.347608463	0.010360008	0.037315503
ENSMUSG00000058173	-0.503238495	4.053159353	0.010360892	0.037315503
ENSMUSG00000050605	-0.517359738	3.741439536	0.010372993	0.03734734
ENSMUSG00000039473	-0.430943653	7.488120511	0.010404342	0.037448439
ENSMUSG00000011114	-0.434731149	6.87352722	0.010412238	0.037465084
ENSMUSG00000039616	0.665795575	2.224920062	0.010415986	0.037466799
ENSMUSG00000042350	-0.435983301	6.708714836	0.010432819	0.037515566
ENSMUSG00000028630	0.559467088	3.218495558	0.010439366	0.037525009
ENSMUSG00000046675	-0.488352508	4.310442369	0.010441998	0.037525009
ENSMUSG00000041096	-0.456654616	5.294020885	0.010447607	0.037533387
ENSMUSG00000027342	-0.429520346	7.66698894	0.010494802	0.037685138
ENSMUSG00000032420	0.965416661	0.984230897	0.01050073	0.037685138
ENSMUSG00000037202	0.965007717	0.982913785	0.01050073	0.037685138
ENSMUSG00000028945	-0.443648337	5.990799716	0.010503009	0.037685138
ENSMUSG00000040430	0.466819494	4.915046244	0.010515073	0.037716608
ENSMUSG00000002102	-0.431130272	7.330208846	0.010522786	0.037732457
ENSMUSG00000064215	0.552271003	3.260459305	0.010533533	0.037750708
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ENSMUSG00000071014	-0.483202648	4.400723248	0.010557426	0.037785688
ENSMUSG00000040370	0.580607051	2.930092433	0.010580347	0.037855894
ENSMUSG00000030263	0.44890587	5.623407294	0.010584381	0.037858498
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ENSMUSG00000021815	-0.947667557	0.916074972	0.010643648	0.038022987
ENSMUSG00000035126	0.945573703	0.923180366	0.010643648	0.038022987
ENSMUSG00000026009	0.944175571	0.921962199	0.010643648	0.038022987
ENSMUSG00000032733	0.577874336	2.958137412	0.010648609	0.038028848
ENSMUSG00000038481	0.454286177	5.360981038	0.010660544	0.038059606
ENSMUSG00000018143	0.496869055	4.161353626	0.010668195	0.03807505
ENSMUSG00000041238	-0.445556367	5.769881319	0.010695556	0.038160811
ENSMUSG00000031828	0.678018694	2.19172988	0.010737288	0.038297775
ENSMUSG00000074743	0.546576523	3.244638787	0.010759415	0.038364752
ENSMUSG00000018442	-0.439098978	6.21580092	0.010796272	0.038479213
ENSMUSG00000034248	0.443599228	5.912594259	0.010798235	0.038479213
ENSMUSG00000020654	0.735781032	1.887011197	0.010821982	0.038551837
ENSMUSG00000060376	0.48293231	4.423240167	0.010844878	0.038606304
ENSMUSG00000042502	-0.429357435	7.32813242	0.01084501	0.038606304
ENSMUSG00000024474	-0.428087388	7.575597277	0.010847384	0.038606304
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ENSMUSG00000043391	0.661686169	2.236689967	0.010920642	0.038830834
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ENSMUSG00000033596	-0.431020701	6.971183435	0.010962354	0.038942879
ENSMUSG00000034674	-0.433876119	6.567899625	0.011014547	0.03911496
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ENSMUSG00000013736	-0.446693847	5.607142973	0.01106639	0.039255867
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ENSMUSG00000028159	0.447609729	5.523292444	0.011094598	0.039339452
ENSMUSG00000038365	0.576161531	2.891306523	0.011117726	0.039409259
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ENSMUSG00000036853	-0.495227456	4.058226861	0.011177339	0.039583818
ENSMUSG00000040022	0.593836174	2.788393658	0.011183861	0.03959467
ENSMUSG00000000903	0.454613118	5.1722616	0.011188429	0.039598602
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ENSMUSG00000015355	-0.435027055	6.368112267	0.011272255	0.039858331
ENSMUSG00000096580	-0.469267378	4.629416617	0.011285405	0.039892512
ENSMUSG00000048058	0.576750911	2.967420016	0.011309148	0.039964106
ENSMUSG00000004096	-0.434972005	6.289575981	0.011345481	0.040080135
ENSMUSG00000095630	-0.421675603	8.682056573	0.011358191	0.040112661
ENSMUSG00000063904	-0.4259964	7.420685366	0.011368393	0.040136314
ENSMUSG00000016756	-0.422030182	8.449863694	0.011393152	0.040211332
ENSMUSG00000028883	0.880867302	1.093833742	0.011401834	0.040217186
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ENSMUSG00000051977	0.614388701	2.491946634	0.01145374	0.040330635
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ENSMUSG00000025016	-0.420243258	9.167411995	0.011458647	0.040330635
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ENSMUSG00000036875	-0.442829176	5.648845383	0.011544393	0.040557648
ENSMUSG00000024610	0.418175936	10.89698958	0.01154976	0.04056406
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ENSMUSG00000003299	-0.446295854	5.43775873	0.011704199	0.041030973
ENSMUSG00000022575	0.481396254	4.298488695	0.011709042	0.041035392
ENSMUSG00000042292	0.464046452	4.767409944	0.011718179	0.041054849
ENSMUSG00000026229	-0.424010138	7.42412682	0.011760004	0.041188785
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ENSMUSG00000062510	-0.486165239	4.183699495	0.011785944	0.041254406
ENSMUSG00000020185	-0.496785012	3.998734641	0.011816992	0.041350447
ENSMUSG00000047221	-0.506142636	3.801716382	0.011833874	0.041396873
ENSMUSG00000004642	-0.425645664	7.073500383	0.011844596	0.041421726
ENSMUSG00000052565	-0.931440468	0.951753944	0.011856148	0.041449472
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ENSMUSG00000049103	0.574703223	2.804782124	0.011943348	0.041716123
ENSMUSG00000030751	-0.423248836	7.392336576	0.011952652	0.041735893
ENSMUSG00000022965	0.459164929	4.842253639	0.011969112	0.041780629
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ENSMUSG00000042851	0.641800926	2.399988658	0.012031745	0.041973676
ENSMUSG00000028889	-0.474179028	4.409960273	0.012066245	0.042081212
ENSMUSG00000026353	-0.41909292	8.217246841	0.012112964	0.042231287
ENSMUSG00000060073	-0.421409512	7.568570777	0.012132825	0.042287657
ENSMUSG00000064356	0.419040043	8.222063031	0.012147517	0.042324839
ENSMUSG00000071652	-0.442205707	5.520679728	0.012150884	0.042324839
ENSMUSG00000010406	0.46537675	4.722711887	0.0121652	0.042361822
ENSMUSG00000025724	-0.432218825	6.177765826	0.012175249	0.042383928
ENSMUSG00000038623	0.47709273	4.346196686	0.012187764	0.042413164
ENSMUSG00000031860	1.019177103	0.784025821	0.012191054	0.042413164
ENSMUSG00000025607	0.449783688	5.152572192	0.012223453	0.042512968
ENSMUSG00000033862	0.565275315	2.941339505	0.012245482	0.042566652
ENSMUSG00000022184	-0.468010094	4.530014868	0.012246321	0.042566652
ENSMUSG00000084106	-0.722080792	1.729954168	0.012330061	0.042844716
ENSMUSG00000061306	-0.418348284	8.108786719	0.012336382	0.04285368
ENSMUSG00000025464	0.659804366	2.229989126	0.012360194	0.042923379
ENSMUSG00000024055	0.703844771	1.969145898	0.01237334	0.042956006
ENSMUSG00000021068	0.433758909	6.014064981	0.012403995	0.04304938
ENSMUSG00000014850	-0.450930767	5.067812903	0.012410412	0.043058603
ENSMUSG00000032002	-0.428208131	6.407758012	0.012448508	0.043177699
ENSMUSG00000046785	-0.42946829	6.275117213	0.012463149	0.043215395
ENSMUSG00000060441	0.535725162	3.278620299	0.012481236	0.04326501
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ENSMUSG00000019961	-0.417210265	8.16064636	0.012537878	0.043395684
ENSMUSG00000053137	0.666608282	2.146080031	0.012592274	0.043553571
ENSMUSG00000003363	0.432632908	5.966343956	0.012592937	0.043553571
ENSMUSG00000026003	-0.426933323	6.471000492	0.012594903	0.043553571
ENSMUSG00000026313	0.48272597	4.144951067	0.01261266	0.043601811
ENSMUSG00000022177	-0.457042857	4.752441322	0.012647775	0.043710007
ENSMUSG00000028581	0.415008754	8.816243734	0.012659002	0.043735612
ENSMUSG00000040167	-0.44114639	5.435333894	0.012684887	0.043811825
ENSMUSG00000024614	-0.426092437	6.498587651	0.012703476	0.043862801
ENSMUSG00000020647	0.435840832	5.703674041	0.012726481	0.043928989
ENSMUSG00000006021	0.542203981	3.245511585	0.01273391	0.043941389
ENSMUSG00000062116	-0.48748304	3.979029757	0.012752694	0.043992952
ENSMUSG00000038525	0.45776242	4.762947426	0.012767646	0.044020531
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ENSMUSG00000035382	-0.441910855	5.356809507	0.012800209	0.044104612
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ENSMUSG00000057982	0.509084173	3.626157867	0.012809612	0.044122854
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ENSMUSG00000006179	-0.569643128	2.927655327	0.012940176	0.044545788
ENSMUSG00000060216	0.466735462	4.472653941	0.012949437	0.044564273
ENSMUSG00000029587	0.483441184	4.034805035	0.012959916	0.044582975
ENSMUSG00000026875	0.469473278	4.37195976	0.012962657	0.044582975
ENSMUSG00000028933	-0.475414957	4.216853001	0.012971441	0.044599793
ENSMUSG00000020571	-0.411378823	10.80269917	0.012975964	0.044601955
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ENSMUSG00000051220	-0.438320413	5.503874737	0.013010419	0.044693559
ENSMUSG00000012126	0.685969186	1.990034556	0.013041767	0.044783399
ENSMUSG00000029705	0.428308317	6.190446556	0.013044392	0.044783399
ENSMUSG00000015112	0.512438769	3.646913289	0.013066142	0.044844628
ENSMUSG00000009293	-0.434765925	5.675205296	0.013071528	0.044849673
ENSMUSG00000050022	0.938059803	0.968588359	0.013139646	0.045069893
ENSMUSG00000042121	0.460030375	4.622665354	0.013192153	0.045236444
ENSMUSG00000100594	-0.77764668	1.521675875	0.013223109	0.045329023
ENSMUSG00000013662	-0.418465679	7.182617091	0.013228256	0.045333098
ENSMUSG00000028466	-0.441767971	5.303118938	0.013255318	0.045412253
ENSMUSG00000045087	0.682273808	2.032340498	0.01326349	0.045426658
ENSMUSG00000031355	-0.470509779	4.37435292	0.013279031	0.045466289
ENSMUSG00000074064	0.504299887	3.619996786	0.013303983	0.045538109
ENSMUSG00000032812	0.421803112	6.624700061	0.01334086	0.045650692
ENSMUSG00000038811	0.482831301	4.089511465	0.013345442	0.045652731



ENSMUSG0000005233	-0.442193878	5.284855427	0.013357845	0.045681517
ENSMUSG00000035696	0.440676284	5.356682943	0.013392386	0.045773871
ENSMUSG00000067714	-0.57196853	2.748918293	0.013392844	0.045773871
ENSMUSG00000078452	0.967748067	0.894967777	0.0134154	0.045837283
ENSMUSG00000020448	-0.426850827	6.09714399	0.013445415	0.045926138
ENSMUSG00000020074	-0.415663576	7.495660183	0.01345465	0.04594398
ENSMUSG00000063972	0.646583282	2.090099409	0.013466101	0.045969377
ENSMUSG00000039157	0.469924442	4.257738253	0.013485545	0.046013636
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ENSMUSG00000051727	0.692318382	1.949513028	0.013500381	0.046017817
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ENSMUSG00000021461	-0.477555691	4.1023029	0.013534658	0.046120927
ENSMUSG00000029634	-0.434240916	5.587481001	0.013547279	0.046150203
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ENSMUSG00000021285	0.458304802	4.6774309	0.013570629	0.046195614
ENSMUSG00000044477	0.441152982	5.247081695	0.013572709	0.046195614
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ENSMUSG00000071234	0.780296207	1.468700669	0.01368154	0.046510737
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ENSMUSG00000049916	-0.552104068	2.992555642	0.013780264	0.046790797
ENSMUSG00000074829	0.515528623	3.477124634	0.013792921	0.046819895
ENSMUSG00000087679	0.504314468	3.645364062	0.013821426	0.046902753
ENSMUSG00000038286	0.601586324	2.540905196	0.013847746	0.046978151
ENSMUSG00000039231	-0.43739489	5.388163912	0.013882131	0.047080854
ENSMUSG00000041313	-0.415941747	7.002455485	0.014028456	0.047563028
ENSMUSG00000033021	-0.415818752	7.002568352	0.014046782	0.047611067
ENSMUSG00000027900	-0.433140157	5.526493453	0.014058925	0.047638127
ENSMUSG00000003402	-0.411964753	7.718015156	0.014067677	0.047653684
ENSMUSG00000022817	0.456433756	4.562722755	0.014090877	0.047718159
ENSMUSG00000026388	0.859246557	1.08037829	0.014108355	0.047763224
ENSMUSG00000033644	-0.631359672	2.257316587	0.014116035	0.047775103
ENSMUSG00000035764	-0.445935723	4.928639826	0.014222996	0.048122888
ENSMUSG00000072640	0.539520053	3.097207583	0.014250547	0.048201865
ENSMUSG00000052605	-0.535578412	3.120508117	0.014267067	0.048243495
ENSMUSG00000027475	0.443088567	5.063547342	0.014280477	0.048271613
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ENSMUSG00000059713	0.5550262	3.008957315	0.014559128	0.049124834
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ENSMUSG00000033970	-0.446222306	4.866188178	0.014679893	0.049420582
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ENSMUSG00000030172	0.448051364	4.707670708	0.01493267	0.050124228
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ENSMUSG00000076539	-0.496513851	3.564410309	0.016130968	0.053472642
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ENSMUSG00000026849	-0.430440804	4.850908996	0.018596802	0.059812998
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ENSMUSG00000061607	-0.402649247	6.397830607	0.01879739	0.060355062
ENSMUSG00000027963	-0.468880217	3.842478377	0.018810262	0.060379466
ENSMUSG00000073008	-0.427957324	4.926999781	0.018862978	0.060531714
ENSMUSG00000087150	0.752637163	1.391455818	0.018882817	0.060578405
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ENSMUSG00000038451	0.634260726	2.051249155	0.018991991	0.06084692
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ENSMUSG00000000708	-0.413054178	5.551031974	0.01901075	0.060886498
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ENSMUSG00000022031	-0.401927153	6.36605171	0.019142266	0.061239209
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ENSMUSG00000042333	0.46899782	3.824838124	0.019502558	0.062183407
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ENSMUSG00000048120	-0.391007605	7.744533806	0.019699118	0.062775182
ENSMUSG00000021282	-0.386958135	9.477260499	0.019748238	0.062913613
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ENSMUSG00000032593	-0.475346854	3.637108062	0.019938011	0.063405689
ENSMUSG00000094870	-0.401101998	6.207330665	0.019941264	0.063405689
ENSMUSG00000044155	-0.426596977	4.838716036	0.019979865	0.063510794
ENSMUSG00000037533	-0.389815971	7.70113123	0.020121873	0.063944455
ENSMUSG00000034993	0.416078856	5.210605404	0.020159538	0.064046378
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ENSMUSG00000041229	-0.399813031	6.23858316	0.02024005	0.064230892
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ENSMUSG00000096210	0.371679192	7.370623406	0.02744938	0.08246831
ENSMUSG00000026773	0.405341117	4.822799419	0.027462603	0.08246831
ENSMUSG00000020366	0.387920265	5.617526807	0.027463034	0.08246831
ENSMUSG00000025261	-0.36670902	8.877036606	0.027487915	0.082521388
ENSMUSG00000037946	0.38970237	5.479555417	0.027499071	0.082530637
ENSMUSG00000042460	-0.372606019	7.120427368	0.027505408	0.082530637
ENSMUSG00000019088	0.555115331	2.427019321	0.027537759	0.082606063
ENSMUSG00000018846	-0.377674131	6.363330772	0.027640875	0.082893674
ENSMUSG00000057230	-0.410300819	4.581000072	0.027660972	0.082932228
ENSMUSG00000027770	-0.378001918	6.321961492	0.027686801	0.082987943

ENSMUSG00000039384	0.685871005	1.576352669	0.027701719	0.083010933
ENSMUSG00000039678	0.393095348	5.293310402	0.02772848	0.083069392
ENSMUSG00000028772	-0.385571917	5.692315852	0.027740004	0.083082183
ENSMUSG00000035078	-0.398646546	5.020080601	0.02780631	0.083258999
ENSMUSG00000076688	-0.481737716	3.140013897	0.027829415	0.083306401
ENSMUSG00000038280	-0.38050781	6.023671685	0.027954822	0.083659937
ENSMUSG00000027566	-0.371468096	7.092503075	0.027975314	0.083699393
ENSMUSG00000054277	-0.376146975	6.440103051	0.027996402	0.08374061
ENSMUSG00000020484	-0.36353741	11.07027213	0.028027903	0.083812944
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ENSMUSG00000048833	-0.372779143	6.774645326	0.028294614	0.084544277
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ENSMUSG00000022394	-0.395856573	5.046164958	0.028438745	0.084908485
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ENSMUSG00000035370	-0.547311426	2.396263025	0.028623663	0.085282973
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ENSMUSG00000038366	0.375584602	5.657919207	0.032362948	0.093955094
ENSMUSG00000061371	-0.575221058	2.088792327	0.032501287	0.094327143
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ENSMUSG00000034327	-0.389873904	4.83121057	0.032702024	0.094747353
ENSMUSG00000074093	0.498632083	2.801162456	0.032752571	0.094869802
ENSMUSG00000036381	0.728804597	1.119108619	0.032776524	0.094915178
ENSMUSG00000024072	-0.37855115	5.397654695	0.032834047	0.09505772
ENSMUSG00000029617	-0.363476564	6.655891874	0.032866647	0.095128054
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ENSMUSG00000076514	-0.354974409	8.45541119	0.033223301	0.096014753
ENSMUSG00000018507	-0.370067835	5.901990352	0.03331435	0.096253594
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ENSMUSG00000034120	-0.357000801	7.419253104	0.033859541	0.097533531
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ENSMUSG00000020328	-0.371747967	5.662925443	0.034056909	0.097948988
ENSMUSG00000038637	0.661621529	1.510683238	0.034060329	0.097948988
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ENSMUSG00000078185	0.591692945	1.901128709	0.034810822	0.099796831
ENSMUSG00000066042	-0.513129048	2.616249171	0.034837094	0.099847157
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ENSMUSG00000030327	-0.393855671	4.569524151	0.034928545	0.100009158
ENSMUSG00000060935	-0.362899582	6.225609967	0.034987295	0.100142798
ENSMUSG00000057278	-0.36650873	5.903811363	0.035001377	0.100142798
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ENSMUSG00000050229	-0.361202264	6.393655141	0.035010195	0.100142798
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ENSMUSG00000053334	-0.391416851	4.639100806	0.035078001	0.10026789
ENSMUSG00000041202	0.747545346	1.132030678	0.035080192	0.10026789
ENSMUSG00000031078	0.401039077	4.264360924	0.035116777	0.100334244
ENSMUSG00000002981	-0.355912357	7.132026752	0.035120928	0.100334244
ENSMUSG00000029146	-0.36075005	6.402724277	0.035186372	0.100496139
ENSMUSG00000060798	0.476789962	2.950334828	0.035235932	0.100612598
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ENSMUSG00000074088	-0.365341668	5.945817171	0.035312703	0.100781557
ENSMUSG00000048118	-0.365496216	5.940963697	0.035347325	0.100855235
ENSMUSG00000024902	-0.390655632	4.593972405	0.035404732	0.100993871
ENSMUSG00000036197	-0.368323018	5.704961235	0.035416946	0.101003556
ENSMUSG00000017861	-0.367510105	5.762862199	0.035432611	0.101023074
ENSMUSG00000005057	0.721416592	1.22181645	0.035466446	0.101094377
ENSMUSG00000028414	-0.43006798	3.649237755	0.035552975	0.101315805
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ENSMUSG00000053510	-0.350595085	8.261243237	0.035704534	0.101671813
ENSMUSG00000027171	-0.406489358	4.085959158	0.035754771	0.101789557
ENSMUSG00000041763	-0.353294804	7.407012518	0.03577569	0.101823803
ENSMUSG00000024037	0.394899524	4.496319725	0.03582493	0.101938615
ENSMUSG00000079481	0.546158529	2.170473824	0.03586284	0.10202114
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ENSMUSG00000034595	0.367973789	5.644402261	0.035957388	0.102239315
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ENSMUSG00000075704	0.394790103	4.064480483	0.045373536	0.12221616
ENSMUSG00000035027	-0.339011493	6.940467542	0.045406251	0.122275521
ENSMUSG00000022200	-0.336200892	7.493359582	0.045511859	0.122531104
ENSMUSG00000073028	-0.450180557	2.921228549	0.045535845	0.122551845
ENSMUSG00000002804	0.537516437	2.109915865	0.045540963	0.122551845
ENSMUSG00000031381	-0.371123169	4.59399438	0.045597528	0.122675238
ENSMUSG00000003031	-0.343264941	6.31872358	0.045621237	0.1227102
ENSMUSG00000048668	-0.39751614	3.843329583	0.045637535	0.122725214
ENSMUSG00000040824	-0.342396983	6.414459669	0.045682785	0.122818059
ENSMUSG00000038170	-0.344239925	6.207140445	0.045743568	0.122952613
ENSMUSG00000066637	-0.429659296	3.260818525	0.045758795	0.122964684
ENSMUSG00000031545	-0.340241071	6.665819276	0.045815769	0.123088906
ENSMUSG00000024683	-0.356597454	5.250903133	0.045909155	0.123285825
ENSMUSG00000029066	-0.347514466	5.855742472	0.045910595	0.123285825
ENSMUSG00000026663	-0.331796015	8.89886441	0.046013253	0.123532533
ENSMUSG00000021192	-0.3434471	6.202800326	0.046149443	0.123869129
ENSMUSG00000020380	-0.343560831	6.18436284	0.046199493	0.123967678
ENSMUSG00000019139	-0.34185244	6.367765989	0.046207807	0.123967678
ENSMUSG00000030271	-0.420376514	3.340629164	0.046267887	0.124097927
ENSMUSG00000032042	-0.331484742	8.82485936	0.046293376	0.124097927
ENSMUSG00000040054	-0.335399949	7.35842614	0.046299675	0.124097927
ENSMUSG00000049804	0.518192449	2.169996455	0.046299698	0.124097927
ENSMUSG00000033730	0.641424269	1.49811153	0.046415611	0.124350406
ENSMUSG00000029072	-0.61784058	1.485887301	0.046415611	0.124350406
ENSMUSG00000045948	-0.369024501	4.652160112	0.04644757	0.124406926
ENSMUSG00000040302	-0.431402367	3.268001283	0.046504486	0.124530251
ENSMUSG00000031816	-0.378327533	4.316156538	0.04651625	0.124532635
ENSMUSG00000045410	0.472534993	2.726043337	0.046602753	0.124721708
ENSMUSG00000021816	-0.336789314	7.013802695	0.046608654	0.124721708
ENSMUSG00000046756	-0.347940401	5.741405506	0.046662988	0.124821066
ENSMUSG00000027739	-0.384591095	4.159693045	0.046667581	0.124821066
ENSMUSG00000027698	-0.346580741	5.833332454	0.046695387	0.124866277
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ENSMUSG00000044991	0.635207972	1.291156681	0.050087257	0.13205556
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ENSMUSG00000027879	-0.332313404	6.686260248	0.050940301	0.133842455
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ENSMUSG00000018774	0.392583034	3.703864723	0.054123021	0.140655992
ENSMUSG00000075700	-0.321453076	8.222434934	0.054155502	0.140656418
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ENSMUSG00000021606	-0.337641682	5.533656677	0.055499198	0.143483593
ENSMUSG00000036775	0.418177753	3.17564849	0.055518784	0.143485417
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ENSMUSG00000020402	0.324302289	6.942993034	0.055799402	0.144129578
ENSMUSG00000038174	-0.35542608	4.622489476	0.055818554	0.144146538
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ENSMUSG00000018340	-0.319321187	7.817711181	0.056610938	0.145700017
ENSMUSG00000036295	0.338537153	5.308813866	0.056637163	0.145734763
ENSMUSG00000030876	-0.330543994	5.989102566	0.056668534	0.145782731
ENSMUSG00000031715	-0.317789137	8.320385586	0.056800607	0.146089681
ENSMUSG00000041594	-0.37061673	4.083426891	0.056822728	0.146113764
ENSMUSG00000095583	0.317019609	8.737423732	0.056913848	0.146315218
ENSMUSG00000063253	0.363560078	4.272433267	0.056953693	0.146384794
ENSMUSG00000022339	-0.342732649	5.02575155	0.057020693	0.146524119
ENSMUSG00000032051	0.418539138	3.157354632	0.057253866	0.147090294
ENSMUSG00000032415	0.610598386	1.428086904	0.057359827	0.147296434
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ENSMUSG00000032839	0.725555263	0.969935452	0.057433497	0.147419508
ENSMUSG00000035640	0.718250903	0.969868055	0.057433497	0.147419508
ENSMUSG00000022791	0.335495592	5.524856417	0.057478619	0.147486195
ENSMUSG00000043424	-0.358618995	4.417096527	0.057485233	0.147486195
ENSMUSG00000030960	-0.375478059	3.926367009	0.057637087	0.147842677
ENSMUSG00000021832	-0.32197271	6.882112578	0.057666009	0.147883743

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ENSMUSG00000066892	0.438585113	2.91683946	0.057735284	0.147995122
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ENSMUSG00000051306	-0.350404541	4.697602191	0.057790765	0.148071058
ENSMUSG00000045316	0.56674328	1.859118037	0.057818196	0.14807509
ENSMUSG00000044952	0.540225814	1.869015502	0.057818196	0.14807509
ENSMUSG00000074358	0.430163239	2.98103477	0.057891319	0.148195995
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ENSMUSG0000002395	0.33953415	5.25592733	0.058052135	0.148519383
ENSMUSG00000024213	0.333788216	5.584634285	0.058056516	0.148519383
ENSMUSG00000024590	-0.317984227	7.654470426	0.058074319	0.148531751
ENSMUSG00000020868	0.4202023	3.108862045	0.058099835	0.148563833
ENSMUSG00000038393	0.318874303	7.259585216	0.058217031	0.148717335
ENSMUSG00000031060	-0.323116713	6.623022874	0.058231637	0.148717335
ENSMUSG00000046806	0.62140293	1.349926921	0.05823659	0.148717335
ENSMUSG00000050947	0.601987955	1.360199729	0.05823659	0.148717335
ENSMUSG00000027076	0.39780131	3.37805115	0.058237493	0.148717335
ENSMUSG00000045752	-0.334109633	5.535497985	0.058237776	0.148717335
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ENSMUSG00000000838	-0.323287188	6.552839796	0.058283833	0.148768606
ENSMUSG00000019659	0.35413617	4.540860471	0.058334319	0.148864295
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ENSMUSG00000033047	-0.317152963	7.695305608	0.058605464	0.14942306
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ENSMUSG00000041351	0.437233185	2.88733452	0.058721687	0.149652756
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ENSMUSG00000030304	-0.31915091	6.977628983	0.059508447	0.15091901
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ENSMUSG00000052428	-0.319370574	6.652543709	0.060952186	0.153828462
ENSMUSG00000068739	-0.316403282	7.156697984	0.060964585	0.153828462
ENSMUSG00000039318	-0.322172147	6.263576491	0.060987019	0.153851173
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ENSMUSG00000034724	-0.317932519	6.807164358	0.061255353	0.154358099
ENSMUSG00000032350	0.338203563	5.138023808	0.061342472	0.154543627
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ENSMUSG00000016087	-0.318295379	6.534719752	0.062434843	0.156847173
ENSMUSG00000028409	-0.318026814	6.564933238	0.062487794	0.156945768
ENSMUSG00000035697	0.312093351	7.775299076	0.062552089	0.157072807
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ENSMUSG00000046519	-0.320158571	6.171763003	0.063282134	0.158454369
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ENSMUSG00000045983	-0.307159295	9.680291281	0.06396131	0.159701086
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ENSMUSG00000028894	0.328341457	5.382394566	0.064292792	0.160172905
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ENSMUSG00000026568	-0.320486532	5.980650898	0.064623297	0.160862992
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ENSMUSG00000034032	-0.328547432	5.340500994	0.064781857	0.161095902
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ENSMUSG00000031924	-0.312610446	6.935483216	0.065133682	0.161852041
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ENSMUSG00000031402	0.321587146	5.854292582	0.065208129	0.161927733
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ENSMUSG00000028514	0.309882208	7.436202379	0.065529061	0.162446826
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ENSMUSG00000042590	-0.321077736	5.823531737	0.065612234	0.16258263
ENSMUSG00000036299	-0.318133138	6.108257998	0.065632061	0.162596581
ENSMUSG00000024414	-0.359598022	3.99635439	0.065679699	0.162679411
ENSMUSG00000020235	-0.3213593	5.764282535	0.065738526	0.162789911
ENSMUSG00000021245	0.363238555	3.980934683	0.065798529	0.162903275
ENSMUSG00000071253	-0.334229025	4.961292987	0.065840045	0.162970832
ENSMUSG00000059363	-0.366701979	3.779131162	0.065880544	0.163035841
ENSMUSG00000019823	0.333993194	4.953046897	0.065919442	0.163066471
ENSMUSG00000033904	-0.333932552	4.987048923	0.065921397	0.163066471
ENSMUSG00000024174	0.341012046	4.716473263	0.065965192	0.163132615
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ENSMUSG00000057497	-0.327541314	5.336361998	0.0660166	0.163196227
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ENSMUSG00000051397	0.633106518	1.233278624	0.066212629	0.163574902
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ENSMUSG00000020368	-0.304313005	9.886520674	0.066334779	0.163805999

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ENSMUSG00000031590	-0.326003459	5.384969236	0.066775835	0.164824059
ENSMUSG00000022437	-0.310838871	6.878420181	0.066823435	0.164906013
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ENSMUSG00000030335	-0.318940631	5.850112361	0.067062687	0.16535392
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ENSMUSG00000074656	-0.305555637	8.149010089	0.067345668	0.165900804
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ENSMUSG00000030407	-0.313470197	6.383347959	0.067382214	0.165900804
ENSMUSG00000033863	0.402481456	3.25399498	0.067385885	0.165900804
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ENSMUSG00000075122	0.487585243	2.174601466	0.067531838	0.166188684
ENSMUSG00000037679	0.324932931	5.369192543	0.067584809	0.166260063
ENSMUSG00000052477	-0.409471597	2.952009073	0.067601284	0.166260063
ENSMUSG00000020752	0.334839186	4.891626261	0.067604393	0.166260063
ENSMUSG00000042063	-0.335335462	4.745794363	0.067643653	0.166320902
ENSMUSG00000023026	0.321310537	5.576675002	0.06769382	0.166408526
ENSMUSG00000040269	-0.338807829	4.573630158	0.067772066	0.166565122
ENSMUSG00000025381	-0.312050573	6.514762599	0.067811552	0.166607484
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ENSMUSG00000019210	-0.317995392	5.829527144	0.067926857	0.166786619
ENSMUSG00000055897	0.399545275	3.14307543	0.067935002	0.166786619
ENSMUSG00000067274	-0.301907515	10.71410472	0.068066625	0.167073951
ENSMUSG00000054434	0.445477479	2.618269478	0.06827252	0.167543426
ENSMUSG00000059897	0.380953854	3.423732014	0.068289738	0.16754978
ENSMUSG00000034171	0.33252536	4.94988469	0.06837444	0.167721666
ENSMUSG00000021257	0.500717399	2.01133846	0.068498233	0.16798935
ENSMUSG00000031628	0.314244629	6.195939831	0.068537123	0.168048741
ENSMUSG00000045868	-0.397829158	3.207316204	0.068638271	0.168260726
ENSMUSG00000022186	-0.305151519	7.727288002	0.068758812	0.168520152
ENSMUSG00000039828	-0.357087549	4.063872109	0.068785678	0.168549929
ENSMUSG00000041147	-0.319880782	5.580429786	0.068895063	0.168780809
ENSMUSG00000014633	-0.35259216	4.112889836	0.068909374	0.168780809
ENSMUSG00000025041	0.319443394	5.682975335	0.069107414	0.16922968
ENSMUSG00000022197	0.697242695	0.953273875	0.069227477	0.169487451
ENSMUSG00000020167	-0.305708265	7.394280657	0.069287257	0.169597555
ENSMUSG00000035199	-0.310835751	6.414327441	0.069491564	0.1700613
ENSMUSG00000020849	-0.301944038	8.794292095	0.069519965	0.170094458

ENSMUSG00000030203	0.317374799	5.782920079	0.069567101	0.170173433
ENSMUSG00000086290	0.364546276	3.763241523	0.069625843	0.170280755
ENSMUSG00000045427	-0.308666506	6.717174966	0.069685453	0.17035445
ENSMUSG00000008348	-0.309579707	6.568701696	0.069692111	0.17035445
ENSMUSG00000034255	0.330238839	4.837376288	0.069715991	0.17035445
ENSMUSG00000053846	0.493644635	1.895685324	0.069719789	0.17035445
ENSMUSG00000026020	-0.304143005	7.709009653	0.069730347	0.17035445
ENSMUSG00000037580	0.449423916	2.489086481	0.069794607	0.170454162
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ENSMUSG00000090136	-0.550021847	1.680012279	0.070129249	0.170975985
ENSMUSG00000020537	-0.321191843	5.402403546	0.070134888	0.170975985
ENSMUSG00000028223	0.365906387	3.785196413	0.07014897	0.170975985
ENSMUSG00000033382	-0.308775423	6.618950611	0.070221551	0.171116474
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ENSMUSG00000039682	-0.311260948	6.278364752	0.070387172	0.171369341
ENSMUSG00000038909	-0.309757186	6.453125593	0.070393502	0.171369341
ENSMUSG00000030850	0.326877524	5.136179844	0.070400135	0.171369341
ENSMUSG00000096795	-0.34336515	4.36746926	0.070548335	0.171693599
ENSMUSG00000038459	0.333289567	4.700788855	0.070627144	0.17184888
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ENSMUSG00000068922	-0.37096796	3.622848371	0.070925112	0.172354193
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ENSMUSG00000053460	-0.319313134	5.476814703	0.070969149	0.172368603
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ENSMUSG00000025437	-0.308077408	6.153529061	0.074232227	0.178197799
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ENSMUSG00000020720	-0.298106712	6.906118426	0.078705498	0.185858571
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ENSMUSG00000028882	-0.308634786	5.579605239	0.079655554	0.18752211
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ENSMUSG00000027428	0.400213019	2.922982743	0.08030425	0.188755842
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ENSMUSG00000025858	-0.301390911	6.160363353	0.080345656	0.188797456
ENSMUSG00000040410	0.367568193	3.44090974	0.080427995	0.188952169
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ENSMUSG00000036315	-0.339156723	4.118413314	0.081575757	0.191217181
ENSMUSG00000049550	0.296398472	6.673471837	0.081815755	0.191740503
ENSMUSG00000034343	0.312971087	5.140910227	0.081839481	0.19175687
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ENSMUSG00000042670	-0.325807081	4.463231324	0.083493517	0.194597324
ENSMUSG00000031066	0.322390392	4.554741085	0.08363819	0.194894851
ENSMUSG00000078193	-0.39447035	2.979148643	0.0836806	0.19495241
ENSMUSG00000031644	-0.31145857	5.108257673	0.083696935	0.19495241
ENSMUSG00000024878	-0.337104936	4.047442761	0.083765327	0.19507204
ENSMUSG00000030256	0.306199198	5.396858262	0.0839322	0.195420915
ENSMUSG00000057572	-0.321026216	4.649758019	0.083963259	0.195453496
ENSMUSG00000026701	0.294772241	6.635713698	0.084135683	0.195815074
ENSMUSG00000004356	-0.294355965	6.624272418	0.084268686	0.196084775
ENSMUSG00000041353	-0.353217037	3.562418511	0.084318123	0.196159956
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ENSMUSG00000027575	-0.299178256	5.954635349	0.08491095	0.197170044
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ENSMUSG00000028911	-0.309726744	4.765646719	0.093851019	0.212216331
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ENSMUSG00000052783	0.389892915	2.51086064	0.114548686	0.245292066
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ENSMUSG00000038187	-0.291445089	4.782101613	0.114618677	0.245369665
ENSMUSG00000049307	0.307191744	4.110588081	0.114971616	0.246079222
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ENSMUSG00000039834	-0.286077081	4.958227153	0.115290123	0.246530578
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ENSMUSG00000025499	-0.270908772	5.015559366	0.134278121	0.276343756
ENSMUSG00000049225	0.40208837	2.060699425	0.134299253	0.276343756
ENSMUSG00000029060	0.295425318	3.895497937	0.134475592	0.276656899
ENSMUSG00000020458	0.255389413	6.587352445	0.134538471	0.276687664
ENSMUSG00000028803	0.264493002	5.502198652	0.134542004	0.276687664
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ENSMUSG00000028757	-0.247997381	9.557404024	0.134769723	0.276929054
ENSMUSG00000039275	-0.25715703	6.298219374	0.134777137	0.276929054
ENSMUSG00000048920	-0.271425335	4.976595229	0.134874717	0.277052494
ENSMUSG00000006019	0.295739991	3.93963401	0.134885594	0.277052494
ENSMUSG00000041895	0.272045368	4.99717312	0.135022926	0.277284844
ENSMUSG00000036817	0.265637922	5.416712652	0.135112547	0.27737431
ENSMUSG00000054027	-0.280139742	4.460417475	0.135114929	0.27737431
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ENSMUSG00000026333	-0.318531624	3.371241716	0.135332392	0.277671424
ENSMUSG00000031527	-0.254883017	6.57750047	0.135396398	0.277745917
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ENSMUSG00000043411	-0.251713002	7.194081398	0.135758824	0.278346905
ENSMUSG00000032316	-0.268551405	5.149653216	0.135799867	0.27838122
ENSMUSG00000021500	-0.250158678	7.654278441	0.135852085	0.278438427
ENSMUSG00000035776	0.305115757	3.659735623	0.136069412	0.278824959
ENSMUSG00000026623	-0.257630477	6.120027535	0.136112835	0.278824959
ENSMUSG00000022378	0.253303937	6.783116924	0.136131874	0.278824959
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ENSMUSG00000028016	-0.284491202	4.289986531	0.136848384	0.28007944
ENSMUSG00000028990	-0.276633022	4.639858039	0.136902392	0.280139914
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ENSMUSG00000021890	-0.255538215	6.246739443	0.137394539	0.280946197
ENSMUSG00000057134	0.274387996	4.641486693	0.137473015	0.281054299
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ENSMUSG00000020385	-0.252153568	6.409633451	0.141041222	0.285851197
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ENSMUSG00000022849	0.328546914	2.980804957	0.145051839	0.291892443
ENSMUSG00000063808	-0.288110265	3.846716061	0.145066951	0.291892443
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ENSMUSG00000076672	-0.241260759	9.759683298	0.145469265	0.292342426
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ENSMUSG00000057181	-0.272062672	4.534346917	0.145967101	0.293034393
ENSMUSG00000035139	-0.257267678	5.493080931	0.146107877	0.293256116
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ENSMUSG00000005481	-0.244998454	7.206334724	0.146366592	0.293579085
ENSMUSG00000056211	-0.247826444	6.603170794	0.146497785	0.293790777
ENSMUSG00000038622	-0.264533227	4.922748749	0.146583788	0.293874649
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ENSMUSG00000007603	-0.257246572	5.356171132	0.148478017	0.296260357
ENSMUSG00000068742	0.352906128	2.616874285	0.14847939	0.296260357
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ENSMUSG00000053025	-0.489793939	1.198304586	0.149167166	0.297493935
ENSMUSG00000045980	0.293513403	3.689326832	0.149175559	0.297493935
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ENSMUSG00000094797	-0.238655865	10.14365324	0.14948572	0.297956831
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ENSMUSG00000026288	0.242855234	7.260362786	0.149792999	0.298257862
ENSMUSG00000026096	-0.310828788	3.30206868	0.149951028	0.298495225
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ENSMUSG00000050619	-0.257491437	5.289030202	0.150501191	0.299459719



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ENSMUSG00000073725	-0.247216713	6.270849321	0.150652998	0.299553609
ENSMUSG00000032245	0.278026148	4.088432704	0.150716926	0.299625061
ENSMUSG00000061666	0.399989178	1.985749863	0.150741256	0.299625061
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ENSMUSG00000028232	-0.261535481	4.905305606	0.150843964	0.299673186
ENSMUSG00000074024	0.460215865	1.547096446	0.151021886	0.299922604
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ENSMUSG00000066037	-0.24344951	6.814837692	0.151717289	0.301042639
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ENSMUSG00000022125	-0.257301436	5.087891898	0.15300434	0.302966582
ENSMUSG00000031796	-0.264821888	4.620074303	0.153253064	0.303406629
ENSMUSG00000097180	-0.293128299	3.653331202	0.153498044	0.303839112
ENSMUSG00000031835	-0.241411989	7.018480954	0.153614276	0.303993924
ENSMUSG00000043284	-0.284500822	3.928263964	0.15362934	0.303993924
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ENSMUSG00000033323	-0.250922791	5.580351011	0.154006428	0.30452963
ENSMUSG00000028066	-0.255051947	5.181346884	0.15406745	0.304597705
ENSMUSG00000029729	-0.259396396	4.939968904	0.154224595	0.30479626
ENSMUSG00000041879	-0.242702593	6.673433483	0.154226352	0.30479626
ENSMUSG00000027884	-0.261355499	4.785203385	0.154247719	0.30479626
ENSMUSG00000032314	-0.244709456	6.288812194	0.154440098	0.305113265
ENSMUSG00000026411	0.268029972	4.623947878	0.154461426	0.305113265
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ENSMUSG00000034751	-0.241726983	6.156693701	0.161237262	0.31525945
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ENSMUSG00000015149	-0.235316462	5.972450082	0.17496767	0.334095485
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ENSMUSG00000063931	-0.247701598	4.914303772	0.175617336	0.334879357
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ENSMUSG00000040596	0.269867839	3.770781857	0.17574803	0.334961674
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ENSMUSG00000028121	-0.230282641	6.782978294	0.175804719	0.334967801
ENSMUSG00000055041	0.289209067	3.444460416	0.175959532	0.335207006
ENSMUSG00000021024	-0.22923425	6.96526777	0.176007107	0.335241875
ENSMUSG00000025428	-0.22432712	9.503334021	0.17614938	0.335457075

ENSMUSG00000018169	-0.269833254	3.848025054	0.176179768	0.335459165
ENSMUSG00000056498	-0.226573879	7.78790066	0.176225835	0.335491106
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ENSMUSG00000039286	-0.23018476	6.685444172	0.176531092	0.33578866
ENSMUSG00000061046	0.389275187	1.938618921	0.176544866	0.33578866
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ENSMUSG00000052926	-0.248444816	4.684040129	0.177940735	0.337969359
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ENSMUSG00000040528	-0.28273117	3.116523856	0.198645983	0.366798689
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ENSMUSG00000058443	-0.276815503	3.322806034	0.199435355	0.367637715
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ENSMUSG00000039850	0.28916908	3.12179521	0.200316763	0.368728365
ENSMUSG00000014301	-0.280845903	3.121197389	0.200316763	0.368728365
ENSMUSG00000067873	-0.219918791	6.35140885	0.200360203	0.368749061
ENSMUSG0000006299	-0.221747426	6.015253759	0.200602037	0.369134822
ENSMUSG00000090115	0.316233816	2.562726753	0.200636878	0.369139625
ENSMUSG00000041958	-0.222914531	5.87809961	0.200688656	0.369169611
ENSMUSG00000030443	0.41017005	1.567332496	0.200796319	0.369169611
ENSMUSG00000027387	-0.312098264	2.618194343	0.200814343	0.369169611
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ENSMUSG00000032180	-0.263916667	3.541723037	0.200866021	0.369205351
ENSMUSG00000035790	-0.270594209	3.329381962	0.200912782	0.369232042
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ENSMUSG00000020994	-0.217193192	6.804036567	0.201311291	0.369814234
ENSMUSG00000038965	-0.221416201	6.009190222	0.201326443	0.369814234
ENSMUSG00000020349	-0.213530059	8.028216784	0.201458203	0.369974939
ENSMUSG00000089682	-0.258693838	3.756546288	0.201478538	0.369974939
ENSMUSG00000057137	-0.375850503	1.770806397	0.201595274	0.370070633
ENSMUSG00000085566	0.364140634	1.786951568	0.201595274	0.370070633
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ENSMUSG00000085208	-0.219144178	6.349671626	0.201890991	0.37043536
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ENSMUSG00000026767	-0.228537771	5.23212844	0.202293119	0.371054307
ENSMUSG00000027170	-0.213768829	7.693439667	0.202358507	0.371080357
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ENSMUSG00000035086	-0.221953061	5.851071418	0.202404522	0.371080357
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ENSMUSG00000006395	0.428890795	1.330303228	0.202943227	0.371829912
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ENSMUSG00000029551	0.30569054	2.629856381	0.203075578	0.371894994
ENSMUSG00000078427	-0.220143485	6.110720458	0.203076163	0.371894994
ENSMUSG00000059834	-0.257103023	3.706467539	0.203198308	0.372034724
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ENSMUSG00000096410	-0.211120214	9.020959116	0.203857748	0.372772208
ENSMUSG00000030662	-0.212234338	8.103883255	0.203880652	0.372772208
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ENSMUSG00000079017	0.228541563	5.153453827	0.204069356	0.372982328
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ENSMUSG00000027883	0.231168078	4.98660055	0.206989614	0.376959495
ENSMUSG00000069206	0.246935405	4.153345894	0.206993649	0.376959495
ENSMUSG00000039156	0.224027054	5.382724746	0.207067803	0.377034587
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ENSMUSG00000037730	-0.226787868	5.063602975	0.208260537	0.378965353
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ENSMUSG00000078908	0.229973056	4.90324732	0.208587783	0.37944026
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ENSMUSG00000029605	0.398703088	1.520638492	0.215812839	0.388206078
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ENSMUSG00000049606	-0.224280807	4.969773981	0.216552794	0.389073753
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ENSMUSG00000059657	0.409576411	1.395746484	0.217835067	0.390258559
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ENSMUSG00000035642	0.380748247	1.646344552	0.222061495	0.396148021
ENSMUSG00000062929	-0.259303794	3.444824021	0.222104633	0.396163271
ENSMUSG00000009092	-0.203696297	8.250356977	0.222286813	0.396426482
ENSMUSG00000051518	-0.250085242	3.744510253	0.222491916	0.396730487
ENSMUSG00000059669	-0.231034617	4.393287694	0.22256432	0.396797813
ENSMUSG0000002658	-0.212967802	5.7864632	0.222982145	0.397480857
ENSMUSG00000034881	0.363291665	1.774387885	0.223204144	0.397794861
ENSMUSG0000003662	-0.215595375	5.46443717	0.223227763	0.397794861
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ENSMUSG00000063511	-0.203740816	7.730728808	0.224370457	0.399520343
ENSMUSG00000018669	-0.209300143	6.224891697	0.224443453	0.399588196
ENSMUSG00000038122	0.357683942	1.557239055	0.224833712	0.400213996
ENSMUSG00000031935	-0.215683839	5.399997967	0.224901554	0.400213996
ENSMUSG00000073131	-0.218003433	5.211611857	0.224928721	0.400213996
ENSMUSG00000026819	-0.22523596	4.713536361	0.224934733	0.400213996
ENSMUSG00000006641	-0.311516485	2.528615857	0.225061798	0.400377878
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ENSMUSG00000031516	-0.231262241	4.217428371	0.225645124	0.40102098



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ENSMUSG00000026254	-0.201268937	6.365894638	0.240668421	0.418868677
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ENSMUSG00000074916	0.321057545	2.067943056	0.247944332	0.427344836
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ENSMUSG00000028385	-0.202657768	5.663442552	0.248740862	0.428330942
ENSMUSG00000063316	-0.192382636	8.218408085	0.248999671	0.428712152
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ENSMUSG00000032121	0.422639432	0.953307983	0.249265994	0.428771328
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ENSMUSG00000060012	0.209478128	4.901561191	0.249296103	0.428771328

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ENSMUSG00000025324	0.245829307	3.433041449	0.249478483	0.428956173
ENSMUSG00000086384	-0.265548353	2.866916169	0.249652866	0.429191575
ENSMUSG00000019861	0.21340089	4.73369495	0.249727479	0.429228285
ENSMUSG00000089911	-0.199201793	6.101005735	0.249749174	0.429228285
ENSMUSG00000042826	-0.321530104	1.883204642	0.249878041	0.429385326
ENSMUSG00000029106	0.194320954	7.204483184	0.249949423	0.429443556
ENSMUSG00000020747	0.20517653	5.297482686	0.250237389	0.429873829
ENSMUSG00000062580	-0.203270594	5.47657877	0.25059187	0.430399855
ENSMUSG00000095204	-0.192653101	7.64933861	0.250618758	0.430399855
ENSMUSG00000029276	0.284893548	2.566747304	0.250793808	0.430560908
ENSMUSG00000019975	0.214054387	4.583584606	0.2508215	0.430560908
ENSMUSG00000018861	-0.243648413	3.399215653	0.250825319	0.430560908
ENSMUSG00000039463	-0.204504461	5.335075135	0.250879246	0.430588942
ENSMUSG00000062933	-0.368403736	1.538583956	0.251102178	0.43090699
ENSMUSG00000074748	0.199241474	5.993976982	0.251263827	0.431119792
ENSMUSG00000047126	-0.19046388	9.143577083	0.251337787	0.431159448
ENSMUSG00000020272	0.19638947	6.46488463	0.251389752	0.431159448
ENSMUSG00000042426	-0.202699855	5.53953757	0.251399877	0.431159448
ENSMUSG00000079658	-0.200637633	5.757684807	0.251546366	0.43134609
ENSMUSG00000047649	0.2501433	3.275770342	0.251984335	0.432032423
ENSMUSG00000037905	0.20497729	5.346975964	0.252038945	0.432038992
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ENSMUSG00000054808	-0.192690195	7.40321762	0.252158571	0.432137081
ENSMUSG00000032977	-0.215564674	4.569065619	0.252313638	0.432338135
ENSMUSG00000037072	-0.190395499	8.678766914	0.252510974	0.432611546
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ENSMUSG00000043572	-0.304332065	2.349088663	0.252949847	0.433169049
ENSMUSG00000022685	0.204904489	5.202331636	0.253361714	0.433809495
ENSMUSG00000029270	0.206657416	5.091633151	0.253487552	0.433918245
ENSMUSG00000028010	0.208893588	4.88493975	0.253501002	0.433918245
ENSMUSG00000067713	0.228434105	3.856545276	0.253567658	0.433967481
ENSMUSG00000028964	-0.194757512	6.601099318	0.253736665	0.434150782
ENSMUSG00000021413	-0.192405541	7.298528411	0.253750575	0.434150782
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ENSMUSG00000040434	0.411461331	0.98182584	0.256023181	0.43679927
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ENSMUSG00000039427	-0.216923586	4.284411979	0.257763671	0.438527529
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ENSMUSG00000024319	-0.195816961	6.068738178	0.25825384	0.439100538
ENSMUSG00000035890	-0.201694317	5.311663582	0.258367114	0.439227929
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ENSMUSG00000027395	0.200274583	5.452341423	0.258702203	0.439662254
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ENSMUSG00000097195	-0.201875611	5.22946585	0.261927033	0.443371313
ENSMUSG00000027397	0.202682232	5.18139547	0.261982657	0.443399937
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ENSMUSG00000042369	-0.201548846	5.17426894	0.263592667	0.445269442
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ENSMUSG00000022707	0.226322104	3.61873628	0.269850083	0.452635179
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ENSMUSG00000030225	-0.196247363	5.239012023	0.272192988	0.45545242
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ENSMUSG00000015126	-0.23813364	3.30989442	0.272875836	0.456114651
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ENSMUSG00000036241	0.188912673	6.171205734	0.273420015	0.456750209
ENSMUSG00000019256	0.244851701	3.174042253	0.274080196	0.457786275
ENSMUSG00000031392	-0.184143781	7.335372353	0.274324076	0.458126808
ENSMUSG00000067995	-0.194249633	5.377394753	0.274662554	0.45854909
ENSMUSG00000029053	0.281430566	2.355770965	0.274729897	0.45854909
ENSMUSG00000032177	0.212094818	4.124496839	0.274734004	0.45854909
ENSMUSG00000038542	-0.202306622	4.76524782	0.274737087	0.45854909
ENSMUSG00000030847	0.238015722	3.272780511	0.274906389	0.458573796
ENSMUSG00000032393	-0.184465939	7.126060207	0.274931968	0.458573796
ENSMUSG00000079227	-0.269594492	2.436102271	0.274940194	0.458573796
ENSMUSG00000081272	-0.351754683	1.508203192	0.274985319	0.458573796
ENSMUSG00000091449	-0.339227836	1.50376587	0.274985319	0.458573796
ENSMUSG00000039879	0.192310298	5.624941887	0.274992127	0.458573796
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ENSMUSG00000041530	0.193981384	5.441502468	0.275171012	0.458738516
ENSMUSG00000023921	-0.194679965	5.347020307	0.275291275	0.458872213
ENSMUSG00000030768	-0.240140567	3.225895991	0.275353839	0.458909709
ENSMUSG00000029920	-0.192314024	5.587629505	0.275657839	0.459287023
ENSMUSG00000022546	-0.396028046	1.057681658	0.275660438	0.459287023

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ENSMUSG00000024273	-0.223279864	3.567559162	0.276039335	0.459784542
ENSMUSG00000000384	-0.189001131	5.986033472	0.276131773	0.45987163
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ENSMUSG00000039670	0.386204221	1.223490293	0.276341972	0.460087891
ENSMUSG00000031641	0.24251919	3.081092492	0.276710923	0.460635203
ENSMUSG00000027613	-0.190091814	5.79232307	0.276797151	0.460711783
ENSMUSG00000020707	0.260015643	2.664203681	0.277257166	0.461410393
ENSMUSG00000068184	-0.222218435	3.571005167	0.277398162	0.461577968
ENSMUSG00000038268	0.280168989	2.446632625	0.277624814	0.461888001
ENSMUSG00000039168	-0.185075988	6.626943153	0.277793291	0.462101171
ENSMUSG00000030681	0.189650963	5.78770137	0.277834574	0.462102726
ENSMUSG00000030611	-0.221960965	3.716181935	0.277910341	0.46212724
ENSMUSG00000021611	-0.352652641	1.658231236	0.277930012	0.46212724
ENSMUSG00000040928	-0.188086827	6.05622119	0.278073592	0.462242231
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ENSMUSG00000024516	-0.179614704	9.805908138	0.278309618	0.462543202
ENSMUSG00000040356	-0.185061558	6.604765278	0.278355166	0.462543202
ENSMUSG00000028832	-0.183541256	6.998599747	0.278382109	0.462543202
ENSMUSG00000022760	-0.218423306	3.883835801	0.278854637	0.46326112
ENSMUSG00000039615	-0.207711321	4.263177248	0.279047783	0.463514758
ENSMUSG00000039428	-0.186818643	6.125011707	0.279095668	0.463527072
ENSMUSG00000043467	0.263290007	2.741491602	0.279254522	0.463723655
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ENSMUSG00000037204	-0.211043844	4.032097688	0.279519867	0.46402972
ENSMUSG00000050332	0.232745279	3.419179929	0.27958846	0.464057872
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ENSMUSG00000038102	-0.189664623	5.636941802	0.280070297	0.464472214
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ENSMUSG00000024927	-0.190166465	5.587657184	0.281112936	0.465707444
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ENSMUSG00000071054	-0.17914496	6.895735264	0.291316099	0.477589934
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ENSMUSG00000037234	0.183654474	5.652429466	0.296335087	0.483233076
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ENSMUSG00000058503	-0.194029282	4.494651779	0.301327218	0.488202097
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ENSMUSG00000025903	-0.179214331	6.009674386	0.301702272	0.488671492
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ENSMUSG00000098112	0.177480571	6.198607669	0.303067443	0.490258675
ENSMUSG00000025651	-0.173223105	7.401510879	0.30316799	0.490352067
ENSMUSG00000068299	-0.303210331	1.753628518	0.303222698	0.490371302
ENSMUSG00000062078	0.174588604	6.911970419	0.303439356	0.4906524
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ENSMUSG00000032047	-0.178199142	6.061154358	0.303608995	0.490718857
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ENSMUSG00000015889	0.177237077	6.208835354	0.304330119	0.491676239

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ENSMUSG00000059183	-0.207861683	3.707500737	0.305320461	0.492928565
ENSMUSG00000021290	-0.178864155	5.844124538	0.305386028	0.492964929
ENSMUSG00000031967	-0.176936002	6.158391149	0.305449362	0.492997682
ENSMUSG00000028760	-0.17300369	7.202272955	0.305543706	0.493080466
ENSMUSG00000024943	-0.178204475	5.911182612	0.305776358	0.493314496
ENSMUSG00000021669	-0.17746994	6.011398445	0.305804259	0.493314496
ENSMUSG00000002210	0.206350638	3.847331761	0.305824027	0.493314496
ENSMUSG00000024069	-0.195086175	4.422860623	0.305861018	0.493314496
ENSMUSG00000078486	0.324630968	1.49823498	0.305957301	0.493333972
ENSMUSG00000039233	0.189346169	4.691493079	0.305959242	0.493333972
ENSMUSG00000038421	0.172108703	7.421448138	0.306099038	0.493489905
ENSMUSG00000029427	-0.179467151	5.751928808	0.306187898	0.493563687
ENSMUSG00000043987	-0.186616351	5.026729307	0.306412545	0.493856302
ENSMUSG00000029213	0.186144932	4.93461719	0.30648954	0.493910891
ENSMUSG00000030031	-0.197381685	4.25854979	0.306575346	0.493979663
ENSMUSG00000023800	0.285814328	2.007731641	0.306694972	0.4941029
ENSMUSG00000000738	0.179255771	5.699284552	0.306750069	0.494122158
ENSMUSG00000061232	0.169003874	10.75944314	0.306801826	0.494136031
ENSMUSG00000073236	-0.295327165	1.645607841	0.306965002	0.494329327
ENSMUSG00000040865	-0.177018024	6.040226804	0.307276136	0.49471799
ENSMUSG00000044867	0.307565541	1.78330464	0.307292743	0.49471799
ENSMUSG00000026496	-0.170041815	8.491217879	0.30735687	0.494726033
ENSMUSG00000036840	0.231813657	3.028293704	0.307384131	0.494726033
ENSMUSG00000030224	-0.171961649	7.33182835	0.30745107	0.494764241
ENSMUSG00000001445	-0.184097892	4.98543868	0.307576057	0.494845269
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ENSMUSG00000027519	-0.176974607	5.97040524	0.308246848	0.495536187
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ENSMUSG00000036693	-0.179021609	5.681356739	0.30860075	0.495847978
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ENSMUSG00000036707	-0.171211243	7.406717116	0.30901176	0.496299493
ENSMUSG00000011267	-0.203008989	3.824410027	0.309233595	0.496586142



ENSMUSG00000025008	-0.228596396	3.037378576	0.309278139	0.496588045
ENSMUSG00000025982	-0.168591842	9.166439773	0.309864966	0.497460534
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ENSMUSG00000056342	-0.168822294	7.58199387	0.314811729	0.502934681
ENSMUSG00000071528	-0.176449334	5.65795399	0.314876654	0.502968245
ENSMUSG00000034667	-0.169701834	7.127389392	0.315176293	0.503376667
ENSMUSG00000020238	-0.173187508	6.204724608	0.315366858	0.503610795
ENSMUSG00000042389	-0.216755094	3.368559743	0.315585039	0.503888952
ENSMUSG00000030498	-0.265952477	2.147111848	0.315797623	0.504158096
ENSMUSG00000012076	-0.194819312	4.184005728	0.315913699	0.504244044

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ENSMUSG00000057133	0.177140236	5.528457188	0.317414452	0.505461114
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ENSMUSG00000027366	-0.168072974	7.344734771	0.318319111	0.50639702
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ENSMUSG00000076557	-0.255107571	2.348198753	0.318736192	0.506730372
ENSMUSG00000003660	-0.166700367	7.990477477	0.3188251	0.506801371
ENSMUSG00000024937	0.171985211	6.231785272	0.318978649	0.506975086
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ENSMUSG00000080115	-0.207254826	3.487774602	0.322848839	0.511352199
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ENSMUSG00000036435	-0.175925023	5.168600189	0.327767065	0.516260163
ENSMUSG00000009076	-0.219687776	3.104400963	0.327795679	0.516260163
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ENSMUSG00000020929	-0.165307875	7.015365479	0.328721078	0.517432999
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ENSMUSG00000051212	-0.190102499	4.208103264	0.331024313	0.519986484
ENSMUSG00000022961	-0.161414744	9.056798837	0.33118008	0.520159827
ENSMUSG00000026223	0.167002304	6.408279842	0.331336364	0.520333933
ENSMUSG00000050668	-0.190696307	4.092973768	0.331628054	0.520720606
ENSMUSG00000025374	-0.188974286	4.154657624	0.3317986	0.52091698
ENSMUSG00000002679	-0.198715566	3.724439146	0.331866851	0.52095272
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ENSMUSG00000033423	0.189077069	4.183645111	0.332342171	0.52155589
ENSMUSG00000036285	0.173781283	5.323227702	0.332504266	0.521648341
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ENSMUSG00000042506	-0.168358018	5.96500592	0.332674363	0.521648341

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ENSMUSG00000034235	-0.199890553	3.611467607	0.333237296	0.522336906
ENSMUSG00000017132	-0.165930258	6.400043059	0.333250308	0.522336906
ENSMUSG00000029030	0.168859493	5.874825028	0.333318824	0.522358422
ENSMUSG00000057672	-0.168323104	5.969830094	0.333355252	0.522358422
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ENSMUSG00000028582	-0.170801376	5.51956292	0.334509721	0.523864246
ENSMUSG00000085793	-0.195987333	3.806626419	0.334564422	0.523864246
ENSMUSG00000025971	-0.199165537	3.613905084	0.33456888	0.523864246
ENSMUSG00000019312	-0.273290935	1.887870678	0.334664336	0.523864246
ENSMUSG00000027079	-0.177954104	4.68675325	0.33467806	0.523864246
ENSMUSG00000017453	-0.333286921	1.307339234	0.334686605	0.523864246
ENSMUSG00000040697	0.184187632	4.273575786	0.334727892	0.523864246
ENSMUSG00000028737	0.210097187	3.13156979	0.334989492	0.524202029
ENSMUSG00000058291	-0.169922679	5.63515517	0.335302478	0.52462012
ENSMUSG00000021693	0.16918004	5.7355994	0.335374412	0.524660994
ENSMUSG00000021962	-0.167577716	5.934766564	0.335592168	0.524862949
ENSMUSG00000051517	0.245963801	2.507890861	0.335595161	0.524862949
ENSMUSG00000048546	-0.17085655	5.42891218	0.335642883	0.524865911
ENSMUSG00000003528	0.178851722	4.842573252	0.335797068	0.525035334
ENSMUSG00000031976	-0.170851894	5.468932072	0.335989146	0.525263949
ENSMUSG00000068250	0.266355433	2.016420843	0.336157887	0.525456023
ENSMUSG00000031165	0.167561064	5.865125688	0.336375906	0.525725061
ENSMUSG00000032558	0.287627264	1.775155426	0.336554917	0.52593307
ENSMUSG00000044847	0.198626871	3.447031213	0.336704391	0.526054861
ENSMUSG00000037373	-0.161097079	7.701028756	0.336724717	0.526054861
ENSMUSG00000024194	-0.173060401	5.064796797	0.337292331	0.526869758
ENSMUSG00000023066	-0.185160738	4.228769328	0.337427915	0.527003762
ENSMUSG00000015968	0.196157895	3.781845322	0.337470147	0.527003762
ENSMUSG00000022019	0.191718732	4.053936071	0.337549995	0.52705659
ENSMUSG00000026740	0.167013811	5.875480091	0.337707785	0.527231087
ENSMUSG00000028180	-0.164042739	6.508958907	0.337831199	0.527351878
ENSMUSG00000024601	0.169996359	5.524235722	0.33795214	0.527468774
ENSMUSG00000061118	-0.252591747	2.338334894	0.338085623	0.527605211
ENSMUSG00000006782	-0.162964179	6.768410031	0.338267295	0.527816803
ENSMUSG00000064210	0.166867988	5.872437148	0.338396968	0.527910122
ENSMUSG00000029403	0.286329186	1.902387707	0.338419289	0.527910122
ENSMUSG00000057594	-0.214162637	3.140516424	0.33854125	0.528028455
ENSMUSG00000066735	0.167389005	5.785203443	0.338838001	0.528419339
ENSMUSG00000066148	-0.172122894	5.189929784	0.338909986	0.528459642
ENSMUSG00000062997	-0.160446816	7.596681274	0.339322878	0.529031435
ENSMUSG00000024830	-0.173828268	5.072422727	0.339417282	0.529034585

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ENSMUSG00000004530	0.168144945	5.668041551	0.339490171	0.529076191
ENSMUSG00000089756	-0.357542258	1.159606736	0.339609591	0.529185756
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ENSMUSG00000054611	0.160878596	7.126842536	0.340956294	0.530422771
ENSMUSG00000002068	-0.165033952	6.0224529	0.341139684	0.530635991
ENSMUSG00000029621	-0.163735457	6.279591285	0.341598692	0.531277813
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ENSMUSG00000043671	-0.194933631	3.680562395	0.341788443	0.531367211
ENSMUSG00000011179	-0.158612221	8.291454777	0.341795358	0.531367211
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ENSMUSG00000040749	-0.232535028	2.625069305	0.345321215	0.535845561
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ENSMUSG00000028676	-0.159107739	7.289738029	0.345533527	0.536019884
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ENSMUSG00000044502	-0.222643761	2.852866633	0.345631169	0.536093416
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ENSMUSG00000034218	0.16472713	5.752737864	0.348094787	0.539018674
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ENSMUSG00000031931	-0.183405529	4.180301728	0.348377003	0.539103191
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ENSMUSG00000057858	-0.178566926	4.398936639	0.349232314	0.53985122
ENSMUSG00000042737	-0.18089317	4.294909346	0.349288114	0.539864611
ENSMUSG00000028898	0.185367972	3.965231211	0.349471961	0.54001742
ENSMUSG00000042351	0.173994877	4.544013903	0.349481281	0.54001742
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ENSMUSG00000097340	-0.305218138	1.366567225	0.350636274	0.540853502
ENSMUSG00000040462	-0.15522826	8.610102385	0.351031164	0.541315208
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ENSMUSG00000031871	0.209343524	2.820040293	0.355009771	0.545469132
ENSMUSG00000052456	-0.165236465	5.35037317	0.355075921	0.545497588
ENSMUSG00000000378	0.164456151	5.43563803	0.355165309	0.545561733
ENSMUSG00000095253	0.286510379	1.714467044	0.355432945	0.545899628
ENSMUSG00000029345	-0.165328198	5.270145948	0.355695974	0.546230356
ENSMUSG00000033294	0.167211777	5.171462932	0.356126092	0.546817554
ENSMUSG00000060510	-0.164161201	5.419945585	0.35618952	0.546841632
ENSMUSG00000024393	-0.153818722	8.289672899	0.356666156	0.547499997
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ENSMUSG00000022191	-0.159430627	6.052745432	0.356990199	0.547850563
ENSMUSG00000026509	-0.164825873	5.32028714	0.357060327	0.54788477
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ENSMUSG00000004843	0.168566836	4.781831552	0.357216838	0.547904706
ENSMUSG00000026914	-0.154837532	7.426762626	0.357349164	0.548034276
ENSMUSG00000094561	-0.152406085	9.938983748	0.357481175	0.548163328
ENSMUSG00000031667	-0.189988451	3.655649794	0.35763338	0.548323306
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ENSMUSG00000031166	0.177400392	4.403806166	0.35804043	0.548437678



ENSMUSG00000026970	-0.158694772	6.129522587	0.358043178	0.548437678
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ENSMUSG00000026596	-0.158459844	6.107427552	0.35993567	0.550673688
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ENSMUSG00000047260	0.164633157	5.082241501	0.36226748	0.552985399
ENSMUSG00000033054	-0.162356929	5.358880572	0.362448541	0.553188051
ENSMUSG00000056919	0.171845555	4.445920769	0.362835257	0.553704489
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ENSMUSG00000027010	-0.160262141	5.597736761	0.363190312	0.55404787
ENSMUSG00000060450	0.159869944	5.631973515	0.363253041	0.55404787
ENSMUSG00000021703	-0.152530624	7.637556546	0.363253772	0.55404787
ENSMUSG00000017478	-0.155302907	6.601686015	0.363309807	0.554059551
ENSMUSG00000029475	0.15752417	5.977806416	0.363442532	0.554188167
ENSMUSG00000013858	-0.156166417	6.318359607	0.36360086	0.554284569
ENSMUSG00000019841	-0.156722764	6.199149664	0.363602547	0.554284569
ENSMUSG00000041716	0.274159611	1.749433245	0.363731034	0.554406646
ENSMUSG00000032399	-0.15014311	10.95048809	0.363804592	0.554444975
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ENSMUSG00000020307	-0.155946732	6.301156213	0.363972774	0.554553702
ENSMUSG00000035851	-0.154150329	6.883165512	0.364127143	0.554652713
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ENSMUSG00000076589	-0.173855785	4.237247895	0.36485313	0.555467658
ENSMUSG00000042148	-0.175978136	4.205194479	0.364905951	0.555467658
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ENSMUSG00000026356	-0.152507089	7.352696731	0.365440424	0.556123994
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ENSMUSG00000040188	-0.155566614	6.24638592	0.366069998	0.55693407
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ENSMUSG00000073771	0.222346915	2.708219194	0.366402945	0.557218554
ENSMUSG00000033430	-0.168643277	4.529834976	0.366475813	0.557255376
ENSMUSG00000031818	-0.151316958	7.68372413	0.366973385	0.557937897
ENSMUSG00000049300	0.176526488	4.091359618	0.367069295	0.557959591
ENSMUSG00000053560	0.157565185	5.804627365	0.367085088	0.557959591
ENSMUSG00000074158	0.27149864	1.897432809	0.367676074	0.558783715
ENSMUSG00000021820	0.175297829	4.126683033	0.367946213	0.559120072
ENSMUSG00000032527	-0.167553129	4.670353091	0.36800337	0.55913274
ENSMUSG00000031467	-0.158624394	5.622277435	0.368107252	0.559216388
ENSMUSG00000033538	0.165791861	4.757536912	0.368221719	0.559251786
ENSMUSG00000024350	-0.167699812	4.628596449	0.368228212	0.559251786
ENSMUSG00000008668	-0.149161899	9.521203125	0.36832385	0.559322865
ENSMUSG00000097006	0.229652838	2.459658628	0.368441153	0.559352668
ENSMUSG00000029524	-0.223280871	2.457277334	0.368441153	0.559352668
ENSMUSG00000057649	-0.16370085	5.086229113	0.368599318	0.55951862
ENSMUSG00000033014	-0.15366627	6.559507735	0.368868593	0.559853167
ENSMUSG00000024646	-0.157671322	5.643121211	0.369131905	0.560178575
ENSMUSG00000026784	0.21404391	2.796685299	0.369260099	0.560281938
ENSMUSG00000030814	0.190840943	3.516280639	0.369297856	0.560281938
ENSMUSG00000026478	0.15197964	6.964330557	0.369711886	0.560835793
ENSMUSG00000079455	0.239196061	2.366739908	0.369899349	0.561005981
ENSMUSG00000009741	0.156964388	5.801225531	0.369924038	0.561005981
ENSMUSG00000076543	-0.153025565	6.739359616	0.370013454	0.561005981
ENSMUSG00000037339	0.171903268	4.281390919	0.370051149	0.561005981
ENSMUSG00000028411	0.205266435	2.950250648	0.370068994	0.561005981
ENSMUSG00000024780	-0.168561766	4.543315697	0.370181086	0.561088259
ENSMUSG00000015083	0.339081697	1.081560607	0.37022125	0.561088259
ENSMUSG00000006494	-0.157911497	5.499655662	0.370290191	0.561118491
ENSMUSG00000023939	0.197380056	3.261491214	0.370817976	0.561843931
ENSMUSG00000030602	-0.157848388	5.574616776	0.371059105	0.56208711
ENSMUSG00000005615	0.154929463	6.206060568	0.371076629	0.56208711
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ENSMUSG00000029614	-0.147963164	9.62720205	0.372015953	0.56298873
ENSMUSG00000020422	0.149889481	7.570728161	0.372151303	0.563119154
ENSMUSG00000025915	-0.15504448	5.935957064	0.372240187	0.563179242
ENSMUSG00000036270	-0.154173116	6.137904739	0.372296831	0.563190543
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ENSMUSG00000026915	-0.150155199	7.336083963	0.373045689	0.563921893
ENSMUSG00000058748	-0.175983734	3.903956448	0.373075717	0.563921893
ENSMUSG00000033009	-0.164522954	4.833986577	0.373439085	0.564396653
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ENSMUSG00000021982	-0.173868909	4.160583546	0.378366548	0.568990557
ENSMUSG00000073147	-0.149108076	7.028153674	0.378543696	0.5691279
ENSMUSG00000031357	-0.156996118	5.384570972	0.378557264	0.5691279
ENSMUSG00000024911	-0.170420913	4.130179466	0.378673219	0.569227507
ENSMUSG00000024231	-0.152726271	5.982098355	0.3789123	0.569512149
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ENSMUSG00000031787	-0.174296869	4.009396181	0.382042304	0.572359966
ENSMUSG00000051427	0.238074377	2.198952353	0.38204968	0.572359966
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ENSMUSG00000020097	0.15101238	6.083102886	0.384050405	0.574204546
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ENSMUSG00000030982	-0.151923345	5.600086799	0.388959995	0.579367775
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ENSMUSG00000040177	-0.178465853	3.722845123	0.389210706	0.579590459

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ENSMUSG00000028435	0.288108574	1.36694675	0.389758884	0.580122455
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ENSMUSG00000026048	0.158248329	4.836710264	0.39255612	0.583358666
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ENSMUSG00000026087	-0.151182187	5.415045226	0.395569112	0.586689482
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ENSMUSG00000064145	-0.148179123	5.807102714	0.396696464	0.587833432
ENSMUSG00000028917	-0.151550137	5.351328871	0.396766608	0.587861315
ENSMUSG00000033365	0.154357916	4.892038198	0.397022137	0.588110086
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ENSMUSG00000079435	-0.141430535	8.109826105	0.397308975	0.58843653
ENSMUSG00000031819	-0.15806841	4.457529569	0.397499912	0.588643197

ENSMUSG00000095488	-0.140925525	8.479026914	0.397572031	0.588661489
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ENSMUSG00000046873	0.16103109	4.376250877	0.397720121	0.588740926
ENSMUSG00000030735	0.342906723	0.985209496	0.398004423	0.588895408
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ENSMUSG00000023967	-0.161564994	4.487676377	0.398432447	0.589338346
ENSMUSG00000012519	0.195059735	3.055550768	0.398517179	0.589387558
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ENSMUSG00000035878	-0.300647969	1.213865202	0.399900511	0.590746879
ENSMUSG00000096054	0.172601189	3.759906945	0.400031613	0.590818344
ENSMUSG00000024764	0.146897466	5.805072145	0.400052061	0.590818344
ENSMUSG00000037519	-0.145388434	6.213695435	0.400140854	0.590873285
ENSMUSG00000094262	0.197650865	3.061489387	0.400334842	0.59108353
ENSMUSG00000007721	-0.154345771	4.981914633	0.400797699	0.591690647
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ENSMUSG00000040688	-0.147814947	5.613848259	0.401293344	0.592269673
ENSMUSG00000029462	-0.1545053	5.002146452	0.40140786	0.592362353
ENSMUSG00000023908	-0.163897979	4.041085994	0.40183617	0.592918018
ENSMUSG00000036529	-0.142711244	6.728002957	0.401945133	0.593002397
ENSMUSG00000019854	-0.145645246	5.940939067	0.402454563	0.5936775
ENSMUSG00000009905	0.184459653	3.262186697	0.402519707	0.593697129
ENSMUSG00000034850	0.145669374	5.9937547	0.402614121	0.593759919
ENSMUSG00000034889	-0.149401861	5.350672819	0.402698921	0.593808516
ENSMUSG00000058135	0.229088351	2.288729807	0.402891341	0.594015773
ENSMUSG00000022450	-0.146639886	5.71517104	0.403091389	0.594102478
ENSMUSG00000044080	0.273197783	1.605742198	0.403190609	0.594102478
ENSMUSG00000017428	-0.142392633	6.748069179	0.403242491	0.594102478
ENSMUSG00000055436	-0.140504947	7.560504677	0.403263086	0.594102478
ENSMUSG00000047789	0.155072704	4.872599578	0.403275811	0.594102478
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ENSMUSG00000018995	-0.174206864	3.729010185	0.40331326	0.594102478
ENSMUSG00000043241	-0.141842713	6.836944658	0.403587769	0.594430391
ENSMUSG00000026798	-0.20449264	2.595920481	0.403697447	0.594515477

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ENSMUSG00000096020	-0.131531392	8.251925906	0.430682868	0.619285735
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ENSMUSG00000027751	-0.142723888	5.102754794	0.431424257	0.619807077
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ENSMUSG00000072694	0.168490965	3.312872715	0.432161251	0.620365555
ENSMUSG00000028580	-0.13588157	6.192304194	0.432175619	0.620365555
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ENSMUSG00000078606	-0.177560351	3.041145982	0.432264156	0.620365555
ENSMUSG00000049755	-0.15527435	4.149110492	0.432270837	0.620365555
ENSMUSG00000022681	-0.153915254	4.149620781	0.432270837	0.620365555
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ENSMUSG00000028394	-0.138016755	5.667390306	0.432300489	0.620365555
ENSMUSG00000037824	0.136298605	5.956654103	0.433116395	0.621361379
ENSMUSG00000033313	-0.20410151	2.407119852	0.433124012	0.621361379
ENSMUSG00000025613	-0.130875603	8.183785662	0.433157186	0.621361379
ENSMUSG00000032577	0.151524202	4.187828952	0.433585589	0.621898027
ENSMUSG00000042079	-0.130438067	8.476932638	0.43379461	0.62207543
ENSMUSG0000002372	-0.136149852	5.972441997	0.433817905	0.62207543
ENSMUSG00000081400	0.177040662	3.047316121	0.434052226	0.622284345
ENSMUSG00000020525	-0.139230616	5.419474261	0.434088705	0.622284345
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ENSMUSG00000032050	0.131164196	7.69274659	0.434332238	0.622501204
ENSMUSG00000021908	-0.30142039	1.160108569	0.434820057	0.623122386

ENSMUSG00000051457	0.130311302	8.309972473	0.434943472	0.6231537
ENSMUSG00000003421	0.145219226	4.828934077	0.434996126	0.6231537
ENSMUSG00000059552	0.134393196	6.361187206	0.435050215	0.6231537
ENSMUSG00000038274	0.130406889	8.177088455	0.435059546	0.6231537
ENSMUSG00000029594	-0.152738147	4.08646785	0.435134059	0.623182491
ENSMUSG00000066621	0.144455615	4.852759274	0.435197735	0.623195756
ENSMUSG00000076562	-0.131550877	7.250301044	0.435425673	0.62344421
ENSMUSG00000003545	0.13384888	6.185944711	0.43551576	0.623478281
ENSMUSG00000058192	0.185476412	2.722462263	0.435558345	0.623478281
ENSMUSG00000050714	0.173786692	3.260716065	0.435784204	0.623723629
ENSMUSG00000066357	0.138064525	5.621318762	0.436074369	0.6239788
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ENSMUSG00000032897	-0.138676126	5.42983986	0.436125932	0.6239788
ENSMUSG00000022677	0.148572884	4.298906112	0.436334047	0.624182787
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ENSMUSG00000039771	-0.148000717	4.429975384	0.438183039	0.625742798
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ENSMUSG00000063849	-0.146668693	4.306454438	0.438799129	0.626136995
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ENSMUSG00000041225	-0.136802332	5.314190828	0.442421599	0.629682437
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ENSMUSG00000015337	-0.204492134	2.33774231	0.443612132	0.630671518
ENSMUSG00000033809	-0.148319683	4.357957658	0.443815613	0.63088249
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ENSMUSG00000003721	-0.141485487	4.721563638	0.444451838	0.631395051
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ENSMUSG00000039480	0.144751969	4.306591242	0.447612081	0.633643168
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ENSMUSG00000045665	0.140175383	4.60757514	0.448744793	0.634738066
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ENSMUSG00000029655	-0.128194008	6.483095643	0.454212367	0.638528812
ENSMUSG00000076646	-0.13390471	5.282100698	0.454311816	0.638590234
ENSMUSG00000044452	-0.13901318	4.729952307	0.454393974	0.638627339
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ENSMUSG00000062006	-0.123835584	8.763019937	0.456613435	0.640390156
ENSMUSG00000073968	-0.166607123	3.206039141	0.456639354	0.640390156
ENSMUSG00000092558	0.143831774	4.270440918	0.456654711	0.640390156
ENSMUSG00000074030	-0.138524824	4.763565885	0.456732763	0.64041093
ENSMUSG00000036928	-0.246263907	1.239488484	0.456781357	0.64041093
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ENSMUSG00000091509	-0.191594421	2.275312442	0.457785943	0.641269864
ENSMUSG00000029826	-0.124843479	7.440185878	0.458427721	0.642014953
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ENSMUSG00000003208	-0.176585369	2.904034172	0.458947333	0.642503826
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ENSMUSG00000024570	0.135870063	4.778603309	0.460919057	0.644476372
ENSMUSG00000038888	0.16802945	2.999466063	0.461089313	0.64463573
ENSMUSG00000035671	0.155281282	3.424884972	0.461203433	0.644716577
ENSMUSG00000021243	-0.132966779	4.94219576	0.461367132	0.644840339
ENSMUSG00000025958	0.127712966	6.034977596	0.461496463	0.644840339
ENSMUSG00000037525	-0.197145846	2.15438399	0.461521979	0.644840339
ENSMUSG00000034587	0.195429553	2.157582212	0.461521979	0.644840339
ENSMUSG00000015994	0.131637785	5.429614446	0.461573483	0.644840339
ENSMUSG00000024644	-0.127678565	6.042592356	0.461715232	0.644959697
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ENSMUSG00000020205	-0.256403316	1.269722043	0.461986758	0.645181605
ENSMUSG00000028820	-0.122398679	8.737380337	0.462050107	0.645191401
ENSMUSG00000022354	-0.126824578	6.210552332	0.462223781	0.645289102
ENSMUSG00000003190	0.203944472	2.018891261	0.46223276	0.645289102
ENSMUSG00000044768	-0.131061716	5.392777439	0.462518927	0.645609905
ENSMUSG00000056917	0.125361182	6.590285693	0.462731628	0.645828093
ENSMUSG00000041135	-0.148114818	3.900340803	0.463008477	0.646135749

ENSMUSG00000034951	-0.132424541	5.155321538	0.46354846	0.646810492
ENSMUSG00000024758	-0.122671638	7.898819898	0.463762771	0.6470307
ENSMUSG00000027763	0.121732568	8.933750219	0.463921363	0.647173127
ENSMUSG00000079499	0.130708445	5.157533715	0.464012514	0.64722145
ENSMUSG00000013846	-0.124971615	6.705210376	0.464112023	0.647281418
ENSMUSG00000058799	0.121748899	8.655727439	0.464581068	0.647856687
ENSMUSG00000021276	-0.134405353	4.886898863	0.464680594	0.647916587
ENSMUSG00000020656	-0.261218252	1.508765089	0.464920537	0.648014472
ENSMUSG00000066315	-0.242661556	1.500513689	0.464920537	0.648014472
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ENSMUSG00000005804	-0.133023891	5.00008485	0.465158452	0.64812627
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ENSMUSG00000031949	-0.17062689	2.845260407	0.466377024	0.649254413
ENSMUSG00000027263	-0.134900378	4.772768414	0.466481646	0.649272235
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ENSMUSG00000041215	0.129173739	5.458175936	0.466745261	0.649530191
ENSMUSG00000022553	-0.127459826	5.756965829	0.466995536	0.649799523
ENSMUSG00000030400	-0.146157348	3.774398636	0.467121046	0.649895207
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ENSMUSG00000014077	0.124946805	6.367782848	0.467635122	0.650294445
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ENSMUSG00000030232	-0.124944696	6.336797739	0.468390644	0.650872451
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ENSMUSG00000059208	-0.117281211	8.222190702	0.482482418	0.664247041
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ENSMUSG00000068856	-0.123486962	5.738880463	0.482915996	0.664375554
ENSMUSG00000022781	-0.11796137	7.584413458	0.482923818	0.664375554
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ENSMUSG00000007415	-0.126017836	5.37011559	0.483246825	0.664438464
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ENSMUSG00000024431	0.119005924	6.76961012	0.4842236	0.665297679
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ENSMUSG00000013495	-0.141075816	3.984254539	0.484848702	0.665824003
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ENSMUSG00000034152	0.122049653	5.824378237	0.485070791	0.665969285
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ENSMUSG00000067851	-0.117100243	7.648176663	0.485600264	0.666376686
ENSMUSG00000030556	0.145277722	3.69315839	0.485918438	0.666684775
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ENSMUSG00000026979	-0.118098945	6.945926163	0.486636757	0.667321034
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ENSMUSG00000075229	-0.138883039	3.989754275	0.486754555	0.667321034
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ENSMUSG00000038217	-0.194191991	1.802398722	0.488458609	0.668784359
ENSMUSG00000051355	-0.146826541	3.402758002	0.488464259	0.668784359
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ENSMUSG00000051224	-0.152615253	3.405183142	0.489822176	0.669964449
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ENSMUSG00000086429	-0.174726702	2.648776073	0.489962666	0.669964449
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ENSMUSG00000020456	-0.115482634	7.796730628	0.490980069	0.670945559
ENSMUSG00000001134	-0.163932769	3.036070059	0.491195853	0.671160356
ENSMUSG00000028673	0.12155828	5.601644441	0.491345987	0.67128541
ENSMUSG00000051147	0.151754863	3.122082365	0.491623518	0.671584465
ENSMUSG00000079104	-0.12091055	5.668330804	0.492087918	0.672138691
ENSMUSG00000095923	0.134035398	4.13887857	0.492169153	0.672169486
ENSMUSG00000035953	0.128223454	4.622644756	0.492295452	0.672261811
ENSMUSG00000060992	-0.116189578	7.05781221	0.492487716	0.672444184
ENSMUSG00000034278	0.180681133	2.152426577	0.492734208	0.672700547
ENSMUSG00000028790	-0.115099179	7.671112256	0.492811084	0.672725309
ENSMUSG00000020459	-0.12185901	5.457809446	0.493023792	0.672935465
ENSMUSG00000024099	-0.117159972	6.589095511	0.493283913	0.673210278
ENSMUSG00000043716	-0.113344937	10.26243855	0.493420573	0.673316552
ENSMUSG00000058546	-0.115600129	7.225703253	0.493485567	0.673325018
ENSMUSG00000039756	-0.118650194	6.108547772	0.493548513	0.673330688
ENSMUSG00000024286	0.118141655	6.271808637	0.493710284	0.673471162
ENSMUSG00000061731	0.121817407	5.385467797	0.493958887	0.673730039
ENSMUSG00000051413	-0.118705211	5.989913806	0.494293476	0.674106118
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ENSMUSG00000034765	0.13487756	3.931267842	0.495466377	0.675223277
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ENSMUSG00000066362	-0.164720565	2.968894044	0.495948599	0.675558909
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ENSMUSG00000037235	0.115134628	7.021301256	0.496343624	0.67593621
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ENSMUSG00000022812	0.117369236	6.275849932	0.496866425	0.676252937
ENSMUSG00000033068	0.130397217	4.237784816	0.496876761	0.676252937
ENSMUSG00000036879	0.121523793	5.293002584	0.496904987	0.676252937
ENSMUSG00000056153	-0.128193243	4.485534245	0.496980538	0.676252937
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ENSMUSG00000021258	-0.118870192	5.769774723	0.498344124	0.677360678
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ENSMUSG00000029474	0.115497079	4.95705735	0.523825382	0.698250942
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ENSMUSG00000028081	-0.10504002	10.32475427	0.525582944	0.698899705
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ENSMUSG00000042185	-0.112549777	5.398574519	0.527397803	0.699998498
ENSMUSG00000026219	0.105548467	8.189330116	0.527555839	0.700127118
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ENSMUSG00000047866	0.110878919	5.63337755	0.528547028	0.701280018
ENSMUSG00000000876	0.133989665	3.630096895	0.528711791	0.701417368
ENSMUSG00000059689	0.137323078	3.278584367	0.52899727	0.701714817
ENSMUSG00000043085	0.221323036	1.352288318	0.529602414	0.70240739
ENSMUSG00000029752	0.110355983	6.057043079	0.529642035	0.70240739
ENSMUSG00000040044	-0.109103604	6.123147143	0.529713608	0.702420973

ENSMUSG00000030704	-0.107787212	6.482484735	0.529981136	0.702694368
ENSMUSG00000033739	0.19128117	1.803500696	0.530564293	0.703331639
ENSMUSG00000038206	-0.119520713	4.28583832	0.530584595	0.703331639
ENSMUSG00000000759	-0.109951017	5.784650592	0.530993949	0.703792813
ENSMUSG00000021973	0.109086692	5.973847307	0.531186918	0.70391316
ENSMUSG00000020864	-0.109758181	5.821354836	0.53120767	0.70391316
ENSMUSG00000040033	0.109798076	5.72633497	0.532307379	0.705263337
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ENSMUSG00000034908	0.10593774	6.946269394	0.532771887	0.705615294
ENSMUSG00000055302	-0.104369995	8.022980051	0.532823118	0.705615294
ENSMUSG00000038683	-0.110847289	5.494498258	0.532856126	0.705615294
ENSMUSG00000078866	-0.146373728	2.71868637	0.532861842	0.705615294
ENSMUSG00000069208	-0.125744782	3.879218398	0.533006361	0.70572507
ENSMUSG00000051329	-0.106933356	6.438348087	0.533096384	0.705762673
ENSMUSG00000021361	0.107983444	6.245606729	0.533360679	0.705838883
ENSMUSG00000079317	0.140488873	3.127720667	0.533381321	0.705838883
ENSMUSG00000024340	-0.231886927	1.097707697	0.533410755	0.705838883
ENSMUSG00000076609	-0.102792891	14.98732684	0.533412737	0.705838883
ENSMUSG00000036333	-0.106514725	6.614316666	0.533462094	0.705838883
ENSMUSG00000038845	0.10863457	5.997781627	0.533588288	0.7059243
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ENSMUSG00000010277	-0.103932577	8.040888586	0.53437687	0.706641069
ENSMUSG00000051341	-0.12035095	4.261601412	0.534610022	0.706867765
ENSMUSG00000040843	-0.110540855	5.439061853	0.534696434	0.706900411
ENSMUSG00000023147	0.148385139	3.13301487	0.534888444	0.706989703
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ENSMUSG00000026439	-0.1098932	5.588849194	0.535004341	0.706989703
ENSMUSG00000024824	-0.119359592	4.304030479	0.535010893	0.706989703
ENSMUSG00000031792	0.129796284	3.45511555	0.535236737	0.707125385
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ENSMUSG00000024160	-0.171649792	2.269154255	0.551365028	0.719961654
ENSMUSG00000006304	-0.099341526	8.376385234	0.55158239	0.720163373
ENSMUSG00000045854	0.126931364	3.454140076	0.551788189	0.720288042
ENSMUSG00000033396	-0.107304799	5.265326113	0.551803657	0.720288042
ENSMUSG00000039193	0.148382129	2.691798835	0.552210235	0.720716463
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ENSMUSG00000036087	-0.104150729	5.853390598	0.552866365	0.721428561
ENSMUSG00000022774	-0.105210834	5.580608124	0.553004551	0.721490891
ENSMUSG00000042997	0.117850248	4.112873542	0.553048914	0.721490891
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ENSMUSG00000026634	0.103802973	5.859373605	0.553171063	0.721497344
ENSMUSG00000020530	-0.10133221	6.610156217	0.55333158	0.721560434
ENSMUSG00000039046	-0.101777431	6.419776197	0.553345437	0.721560434
ENSMUSG00000028651	0.115055213	4.164412829	0.553764615	0.722024833
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ENSMUSG00000032193	-0.107223265	5.247928031	0.554588009	0.72276325
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ENSMUSG00000028741	0.10546298	5.395488742	0.555175729	0.723179793
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ENSMUSG00000033594	-0.188429682	1.933959344	0.555958341	0.723793704
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ENSMUSG00000090150	0.112774476	4.353399365	0.557551436	0.725310836
ENSMUSG00000015942	-0.124424019	3.753363507	0.558293285	0.726140754
ENSMUSG00000058392	-0.106121141	5.233999502	0.558316203	0.726140754
ENSMUSG00000031969	0.139280609	2.840661776	0.55843678	0.726215106
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ENSMUSG00000038535	-0.105261195	5.305227214	0.559213514	0.726565216
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ENSMUSG00000062647	-0.097545086	8.048306922	0.559664248	0.726985894
ENSMUSG00000024999	-0.105893538	5.255826084	0.559776664	0.727049443
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ENSMUSG00000045767	0.101750701	5.939086322	0.561020006	0.727921392
ENSMUSG00000027968	-0.102598597	5.725748391	0.561194914	0.727992384
ENSMUSG00000010097	-0.098843794	6.868399713	0.561221279	0.727992384
ENSMUSG00000031370	-0.107355234	4.733444262	0.561265411	0.727992384
ENSMUSG00000018707	-0.097382799	7.834843731	0.561418023	0.72808632
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ENSMUSG00000024271	-0.10079106	6.110715754	0.561721978	0.728254676
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ENSMUSG00000074165	0.136024693	3.065376948	0.562033547	0.728493686
ENSMUSG00000027649	-0.103725639	5.413856419	0.562353608	0.728826057
ENSMUSG00000022973	0.104651639	5.25935877	0.562488881	0.72891889
ENSMUSG00000087138	-0.187443913	1.513976352	0.562766013	0.729195514
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ENSMUSG00000031820	-0.103503495	5.303001025	0.563556595	0.729972142
ENSMUSG0000002833	-0.103276827	5.30918765	0.563924901	0.730366606
ENSMUSG00000034254	0.101037559	5.81213737	0.564097289	0.730478239
ENSMUSG00000020329	-0.107271228	4.775699286	0.564138656	0.730478239
ENSMUSG00000021619	-0.160426527	2.161007875	0.564263387	0.730557152
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ENSMUSG00000024132	-0.108332471	4.466761825	0.565486158	0.731892074
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ENSMUSG00000020788	0.095940723	8.03905253	0.566181191	0.732439709



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ENSMUSG00000095700	-0.095042345	8.780023714	0.567651182	0.733947729
ENSMUSG00000014956	-0.095654793	7.959285562	0.567832835	0.734080752
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ENSMUSG00000047115	-0.142070399	2.348357858	0.567970926	0.734112517
ENSMUSG00000006307	-0.097816722	6.5345161	0.56804501	0.734125423
ENSMUSG00000030557	-0.097296894	6.731571294	0.568152929	0.734182049
ENSMUSG00000007050	-0.102827227	5.078383079	0.568397767	0.734371325
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ENSMUSG00000025512	0.098729628	6.1274598	0.568491764	0.734371325
ENSMUSG00000043311	0.141801477	2.886526355	0.568573943	0.734394651
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ENSMUSG00000040018	-0.103376515	5.186304143	0.570317122	0.735816379
ENSMUSG00000021661	-0.111079243	4.135552623	0.5706101	0.736111453
ENSMUSG00000029699	-0.217352253	0.973163461	0.57067446	0.736111566
ENSMUSG00000045282	0.18953826	1.800666458	0.570916507	0.736340851
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ENSMUSG00000030275	-0.094155261	8.846450084	0.571265346	0.736508123
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ENSMUSG00000033124	0.104295338	4.296331287	0.596029296	0.755606746
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ENSMUSG00000043542	-0.187931646	1.448186112	0.599989319	0.757667237
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ENSMUSG00000096965	-0.174075708	1.439853324	0.599989319	0.757667237
ENSMUSG00000041815	-0.089063456	6.965910587	0.600203115	0.757667237

ENSMUSG0000009470	-0.088178672	7.52612179	0.600255037	0.757667237
ENSMUSG00000029816	0.158793315	1.957573539	0.600291389	0.757667237
ENSMUSG00000048677	0.117111816	3.246824741	0.600376388	0.757667237
ENSMUSG00000000441	-0.089065329	6.946019672	0.600379022	0.757667237
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ENSMUSG00000029016	-0.106785656	3.669875455	0.600446381	0.757667237
ENSMUSG00000060938	-0.087029415	8.993276863	0.600505924	0.757667237
ENSMUSG00000097537	-0.213560201	1.145730086	0.600517081	0.757667237
ENSMUSG00000097488	0.205539322	1.137349764	0.600517081	0.757667237
ENSMUSG00000059901	-0.197549815	1.135193006	0.600517081	0.757667237
ENSMUSG00000024960	0.109974123	3.742282446	0.600550352	0.757667237
ENSMUSG00000056014	-0.11650199	2.797578562	0.600632381	0.757687262
ENSMUSG00000025728	0.091581778	5.995805459	0.601382878	0.7585173
ENSMUSG00000085028	0.153814166	2.174058075	0.601422824	0.7585173
ENSMUSG00000079427	0.137495562	2.520385927	0.601607845	0.758667105
ENSMUSG00000022552	-0.094142352	5.228889004	0.602588473	0.759820079
ENSMUSG00000021028	0.118217876	3.258286106	0.602865086	0.760042855
ENSMUSG00000004070	-0.096266959	4.938418313	0.602950113	0.760042855
ENSMUSG00000068240	-0.128333898	2.667673857	0.602964235	0.760042855
ENSMUSG00000029480	0.095654861	4.971384261	0.603270943	0.760336104
ENSMUSG00000022386	-0.104133535	3.683043599	0.603329653	0.760336104
ENSMUSG00000037740	0.094418555	5.002045839	0.603577796	0.760551446
ENSMUSG00000021179	-0.102241889	4.125576801	0.60363334	0.760551446
ENSMUSG00000062908	0.096536088	4.812415883	0.603865413	0.760700329
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ENSMUSG00000097723	-0.16020629	1.747782643	0.603984688	0.760743059
ENSMUSG00000022160	0.102735131	4.129292214	0.604356993	0.761128287
ENSMUSG00000051469	-0.090712594	5.921104222	0.604566881	0.761308905
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ENSMUSG00000027933	-0.088327706	6.726949267	0.605428109	0.761961247
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ENSMUSG00000027809	-0.091595798	5.557510869	0.605484093	0.761961247
ENSMUSG00000008206	-0.104025586	3.960255149	0.605561812	0.761975328
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ENSMUSG00000059273	-0.088051458	6.55072251	0.606834869	0.763157983
ENSMUSG00000034203	-0.101222047	4.346894274	0.607612508	0.763976312
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ENSMUSG00000024515	-0.091085729	5.544529234	0.608015834	0.763990562
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ENSMUSG00000037553	-0.088524141	6.15969417	0.610275724	0.765646859
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ENSMUSG00000062519	0.106013835	3.563334491	0.610504748	0.765671362
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ENSMUSG00000003072	-0.086445426	6.474120939	0.614763424	0.769411593
ENSMUSG00000098134	-0.100473468	4.004519873	0.614942131	0.769421199
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ENSMUSG00000059796	-0.083484568	9.124921974	0.61531491	0.769513176
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ENSMUSG00000028992	0.125460729	2.469296617	0.62389946	0.775240409
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ENSMUSG00000071252	0.150156165	1.861607859	0.624383555	0.775435356
ENSMUSG00000079363	0.09157261	4.762878918	0.624889966	0.775980134
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ENSMUSG00000042042	0.087013974	5.445972507	0.627178138	0.77764114
ENSMUSG00000031862	-0.08216985	7.156919443	0.6276085	0.778008183
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ENSMUSG00000048100	-0.096596687	4.071163938	0.628943244	0.778986371
ENSMUSG00000098188	-0.101698663	3.56897821	0.629072297	0.779061962
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ENSMUSG00000005625	-0.082678975	6.511955311	0.630059742	0.779909378
ENSMUSG00000020078	0.086035907	5.545262725	0.63013665	0.779909378
ENSMUSG00000032392	0.12855891	2.324012304	0.630158079	0.779909378
ENSMUSG00000024948	0.08319926	6.271737334	0.630165143	0.779909378
ENSMUSG00000035992	-0.0853729	5.601636191	0.630530164	0.78027682
ENSMUSG00000040740	-0.158433512	1.619731328	0.63077079	0.780490262
ENSMUSG00000038398	-0.089966092	4.897102804	0.630891496	0.780555289
ENSMUSG00000026155	0.086018095	5.399053842	0.631088539	0.780630774
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ENSMUSG00000013787	-0.082244007	6.633982469	0.631264298	0.780763499
ENSMUSG00000034789	0.088545615	4.715148964	0.631389501	0.780796674
ENSMUSG00000006333	-0.079515677	9.677403945	0.631452743	0.780796674
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ENSMUSG00000032624	-0.083447249	6.151220802	0.632038976	0.781384109
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ENSMUSG00000056413	-0.089339252	4.873634417	0.633285155	0.782755761
ENSMUSG00000024870	0.08289203	6.12006864	0.633644542	0.783111786
ENSMUSG00000022419	0.116861798	2.968837414	0.633709948	0.783111786
ENSMUSG00000013663	-0.079310517	8.703162998	0.63387918	0.783236407
ENSMUSG00000044894	-0.082832439	6.012175102	0.634159167	0.783497836
ENSMUSG00000022545	0.093710618	4.036871519	0.634313685	0.78360421
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ENSMUSG00000021417	0.094563504	4.424089947	0.634927621	0.784130982
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ENSMUSG00000023852	-0.081007246	6.771305015	0.635175619	0.784330605
ENSMUSG00000071660	0.083715211	5.70349042	0.635860621	0.785043787
ENSMUSG00000030980	-0.083512855	5.715462575	0.635890265	0.785043787
ENSMUSG00000017291	-0.081879205	6.218034653	0.636050606	0.785124103
ENSMUSG00000033760	0.102337914	3.687632763	0.636092426	0.785124103
ENSMUSG00000033237	-0.081306574	6.48819619	0.636255978	0.785188854
ENSMUSG00000029815	0.102308968	3.515703112	0.636282001	0.785188854
ENSMUSG00000049489	0.102613427	3.604694007	0.636665296	0.785577207

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ENSMUSG00000062526	0.105866169	3.331422437	0.637427696	0.786263802
ENSMUSG00000024269	-0.092041144	4.338026288	0.637617403	0.786413107
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ENSMUSG00000019920	-0.079843678	6.953978151	0.638200208	0.786793001
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ENSMUSG00000021987	0.081131041	6.251470627	0.638657623	0.78688264
ENSMUSG00000030315	0.087962695	4.826107173	0.638744894	0.78688264
ENSMUSG00000036615	-0.090721296	4.394366506	0.638808505	0.78688264
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ENSMUSG00000028973	-0.086462082	4.582304085	0.657571059	0.799022823
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ENSMUSG00000024581	-0.078040913	5.16079538	0.665245093	0.804579912
ENSMUSG00000026504	-0.084112305	4.059428035	0.665273009	0.804579912
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ENSMUSG00000058833	-0.086169445	4.066203071	0.666580565	0.805362031
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ENSMUSG00000024726	-0.076075155	5.590816212	0.668556226	0.806251917

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ENSMUSG00000078619	0.072973857	6.598889855	0.669736348	0.807415182
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ENSMUSG00000035521	0.083782586	4.214932594	0.670063173	0.807436248
ENSMUSG00000055917	-0.080317345	4.645097929	0.670102291	0.807436248
ENSMUSG00000063286	-0.071892951	7.433920899	0.670278501	0.80756361
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ENSMUSG00000038608	-0.071689447	7.327234119	0.671569867	0.808656974
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ENSMUSG00000020802	-0.075780039	5.463567084	0.672131585	0.808945254
ENSMUSG00000022507	-0.074854705	5.614015449	0.672582812	0.809403273
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ENSMUSG00000008859	-0.076343216	5.199114979	0.672877243	0.809478411
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ENSMUSG00000030714	-0.084650856	3.378160159	0.705700178	0.831521002
ENSMUSG00000028478	-0.063936924	7.18175319	0.705835111	0.831594437
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ENSMUSG00000048696	-0.085806692	3.110793912	0.706613654	0.832340448
ENSMUSG00000053716	-0.068355416	5.170286551	0.706731795	0.832371144
ENSMUSG00000024858	-0.062718012	8.601959463	0.706785068	0.832371144
ENSMUSG00000064302	-0.065046356	6.345851674	0.7070562	0.832562599
ENSMUSG00000039662	-0.067500684	5.567141412	0.707093024	0.832562599
ENSMUSG00000056888	-0.067225084	5.410660621	0.708031973	0.833582461
ENSMUSG00000031839	-0.067301465	5.448791438	0.708200702	0.83369541
ENSMUSG00000039936	-0.063321695	7.278180024	0.708294913	0.833706285
ENSMUSG00000045482	-0.063752963	6.910533954	0.708355528	0.833706285
ENSMUSG00000032615	0.089513307	2.798424732	0.708496976	0.833787081
ENSMUSG00000049299	0.073032229	4.427669936	0.708590118	0.833811017
ENSMUSG00000056612	0.066312511	5.729657623	0.709013923	0.834152469
ENSMUSG00000037703	0.135185568	1.826924776	0.709052626	0.834152469
ENSMUSG00000035765	0.066471564	5.618138741	0.709098789	0.834152469
ENSMUSG00000037071	-0.062188683	8.772542939	0.709175498	0.834157028
ENSMUSG00000049401	-0.065327684	5.928341793	0.709577576	0.834453923
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ENSMUSG00000005907	-0.082021792	3.521990473	0.709719346	0.834453923
ENSMUSG00000020523	-0.066310501	5.630948491	0.709932922	0.834619355
ENSMUSG00000031659	-0.062831841	7.306636836	0.710015665	0.834620486
ENSMUSG00000023952	0.066304783	5.580350893	0.710114342	0.834620486
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ENSMUSG00000015806	-0.067156086	5.11706701	0.710703727	0.835002436
ENSMUSG00000029458	-0.065326431	5.888991636	0.710795484	0.835002436
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ENSMUSG00000024457	0.066416696	5.333151063	0.711363886	0.835444072
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ENSMUSG00000076581	-0.08280103	3.415912011	0.711797637	0.835782072
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ENSMUSG00000031729	0.065243587	5.777983327	0.71257082	0.836346957
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ENSMUSG00000030660	0.065110064	5.730661947	0.712964186	0.836637174
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ENSMUSG00000063019	0.081047515	3.454184092	0.717647098	0.839466062
ENSMUSG00000033352	-0.0636174	5.854117464	0.717723516	0.839469713
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ENSMUSG00000049588	-0.072658738	4.154975555	0.720862223	0.841876473
ENSMUSG00000095565	-0.059715621	8.355807552	0.721008175	0.841876473
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ENSMUSG00000034321	-0.073199057	3.99237347	0.721649937	0.842341697
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ENSMUSG00000022185	-0.059927794	7.392460614	0.722959426	0.84344039
ENSMUSG00000038290	0.06439734	5.254227325	0.723130185	0.843553678
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ENSMUSG00000022403	-0.060298388	6.967479562	0.723522487	0.843833661
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ENSMUSG00000033752	0.144936533	1.162427941	0.730313762	0.848125129
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ENSMUSG00000000976	-0.065853059	4.834571065	0.730483844	0.848158097
ENSMUSG00000028608	0.071521162	3.868728362	0.730688482	0.848309699
ENSMUSG00000020694	-0.060144218	5.967555276	0.730869451	0.848433795
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ENSMUSG00000075376	-0.061684766	5.273470707	0.732423406	0.849376799
ENSMUSG00000030826	-0.06097103	5.508927067	0.732908275	0.84985304
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ENSMUSG00000041471	0.069960293	3.81660857	0.73854817	0.853601975
ENSMUSG00000031365	-0.062982775	4.545587	0.738626838	0.853601975
ENSMUSG00000050721	-0.058177113	6.066130107	0.738675384	0.853601975
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ENSMUSG00000026578	0.075812781	3.331799411	0.739808697	0.854652916
ENSMUSG00000025024	-0.058970689	5.716008833	0.73992665	0.854702968
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ENSMUSG00000038342	-0.056749163	6.643272236	0.741024695	0.855626155
ENSMUSG00000013160	-0.056994293	6.546750373	0.741216711	0.855686477
ENSMUSG00000041890	-0.057559851	6.312979328	0.741226363	0.855686477
ENSMUSG00000026289	-0.064672844	4.625507697	0.741375136	0.855771965
ENSMUSG00000025759	-0.068045001	3.834671048	0.741567977	0.855869537
ENSMUSG00000004677	-0.0565725	6.635729063	0.741609123	0.855869537
ENSMUSG00000001750	0.059213302	5.49480711	0.741834247	0.856043086
ENSMUSG00000059839	0.07184871	3.616249592	0.742299214	0.856493341
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ENSMUSG00000038633	-0.056971061	6.276458197	0.742538282	0.856510318
ENSMUSG00000094769	-0.065316209	4.367186752	0.742753301	0.856672061
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ENSMUSG00000076549	-0.054687877	8.007822645	0.744038175	0.8574874
ENSMUSG00000031706	-0.065410336	4.301176897	0.74404802	0.8574874
ENSMUSG00000031536	-0.067363847	4.220796154	0.74405918	0.8574874
ENSMUSG00000022639	0.092615081	2.390429829	0.744187319	0.857548784
ENSMUSG00000084350	0.11718149	1.738329106	0.744802492	0.858098694
ENSMUSG00000057863	-0.05446605	8.204416811	0.744814382	0.858098694
ENSMUSG00000097616	0.108774295	1.292085008	0.745283258	0.85855252
ENSMUSG00000031485	0.05952519	5.121653015	0.746182203	0.859315448
ENSMUSG00000033933	-0.065674623	4.314435998	0.746245652	0.859315448
ENSMUSG00000060301	0.063719314	4.31335848	0.746245652	0.859315448
ENSMUSG00000064030	-0.062335915	4.314647706	0.746245652	0.859315448
ENSMUSG00000026718	0.063603613	4.595707142	0.746513046	0.859536937
ENSMUSG00000056167	-0.056925239	5.945587808	0.746678954	0.859580336
ENSMUSG00000053835	-0.055854052	6.446034954	0.746700844	0.859580336
ENSMUSG00000048439	-0.073203774	3.6488821	0.74698415	0.859820047
ENSMUSG00000024978	-0.062810411	4.069099348	0.747117928	0.859887612
ENSMUSG00000031708	0.055343518	6.701975712	0.747312571	0.859964369
ENSMUSG00000027806	0.060216251	4.990631268	0.74738701	0.859964369
ENSMUSG00000019822	0.074250929	3.067461232	0.747409877	0.859964369
ENSMUSG00000044475	-0.062682487	4.321738497	0.747546374	0.860020293
ENSMUSG00000027272	-0.056295932	6.100166028	0.747608665	0.860020293
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ENSMUSG00000054426	0.127014577	1.307396038	0.748050505	0.860096621
ENSMUSG00000074136	-0.125387124	1.306996158	0.748050505	0.860096621
ENSMUSG00000050299	0.07532826	3.072984525	0.748340171	0.860295745
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ENSMUSG00000022194	-0.062090569	4.171303243	0.749347673	0.860983036
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ENSMUSG00000050471	0.062375542	4.22802827	0.757549559	0.866852173
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ENSMUSG00000025862	-0.051418878	7.754490924	0.759871156	0.868019326
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ENSMUSG00000002580	0.061340902	3.7793202	0.765269582	0.870976608
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ENSMUSG00000054387	0.049551067	7.867335302	0.767751884	0.872500727
ENSMUSG00000041881	-0.055173696	5.026328804	0.768147649	0.872795698
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ENSMUSG00000024312	-0.053575823	5.331231795	0.768469709	0.873056599
ENSMUSG00000006050	-0.053815507	5.176806171	0.768566814	0.873080313
ENSMUSG00000006717	0.062337044	3.544361457	0.76880927	0.873110928
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ENSMUSG00000026384	-0.051433227	6.01203827	0.7691327	0.873150589
ENSMUSG00000033671	-0.050195742	6.846235676	0.769240699	0.873150589
ENSMUSG00000017417	-0.088686936	1.94436341	0.769344283	0.873150589
ENSMUSG00000061904	-0.049061555	8.121830914	0.769451089	0.873150589
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ENSMUSG00000033216	-0.053869536	4.577899981	0.773608989	0.875650165
ENSMUSG00000022911	-0.064104257	3.718283261	0.773657908	0.875650165
ENSMUSG00000032463	0.060381259	3.960329335	0.77422369	0.875861769
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ENSMUSG00000025854	0.134494996	0.957449036	0.775317825	0.876576017
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ENSMUSG00000037251	0.068368954	3.596947123	0.775677068	0.876809066
ENSMUSG00000022663	-0.049979973	6.040324578	0.775954719	0.877036357
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ENSMUSG00000021218	-0.046958978	8.624415297	0.778205539	0.878626079
ENSMUSG00000046364	-0.046722741	9.488503399	0.778281811	0.878626079
ENSMUSG00000021176	0.143676468	0.982849308	0.778363818	0.878632053
ENSMUSG00000003623	0.051461329	5.046878994	0.778464136	0.878658692
ENSMUSG00000040414	0.063828444	3.755511751	0.77865211	0.878784254
ENSMUSG00000095041	0.050978472	5.490705891	0.778806697	0.878872116
ENSMUSG00000035949	-0.050357239	5.636433108	0.779142453	0.879023456
ENSMUSG00000024826	0.049580721	5.918710228	0.779149068	0.879023456
ENSMUSG00000032382	-0.048538128	6.478846157	0.779300236	0.879023456
ENSMUSG00000024127	0.053526446	4.757274473	0.779399216	0.879023456
ENSMUSG00000026966	0.057558902	4.297990583	0.779401032	0.879023456
ENSMUSG00000063457	-0.046523542	9.27877829	0.779401309	0.879023456
ENSMUSG00000002608	-0.050783579	5.158381859	0.779592527	0.879152541
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ENSMUSG00000032178	-0.048926822	6.062353646	0.780404828	0.879425731
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ENSMUSG00000041035	-0.065177522	3.134991691	0.780503283	0.879425731
ENSMUSG00000025791	0.06008782	3.894323062	0.780593692	0.879425731
ENSMUSG00000032336	0.047798832	6.811172033	0.78060587	0.879425731
ENSMUSG00000028062	0.052812513	4.831810616	0.780621008	0.879425731
ENSMUSG00000097052	-0.096917072	1.590879931	0.780679421	0.879425731
ENSMUSG00000024101	0.052661561	4.702156633	0.781056664	0.879711189
ENSMUSG00000068206	-0.060901544	3.901085838	0.781086447	0.879711189
ENSMUSG00000087380	-0.116441097	1.016249221	0.781313094	0.879879928
ENSMUSG00000002897	-0.047458401	6.85776937	0.781502131	0.880006283
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ENSMUSG00000008226	-0.055497119	4.237757555	0.783581703	0.881657907
ENSMUSG00000050244	-0.046949754	6.835205241	0.783622631	0.881657907
ENSMUSG00000034021	-0.047651493	6.458531096	0.783677612	0.881657907
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ENSMUSG00000038406	-0.042604853	6.186355504	0.808453687	0.899127993
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ENSMUSG00000044066	-0.047576341	4.991570112	0.809340339	0.899851947
ENSMUSG00000059975	-0.058439196	3.183593217	0.809501546	0.899943817
ENSMUSG00000018239	0.055320219	3.395999445	0.809678606	0.900032982
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ENSMUSG00000025103	-0.04261005	5.897936378	0.809896089	0.900032982
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ENSMUSG00000039768	-0.042583719	5.643357222	0.811698122	0.900771456
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ENSMUSG00000022110	-0.042299831	5.699816799	0.814034413	0.902442758
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ENSMUSG00000034342	0.041581281	5.813770044	0.815261684	0.90319134
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ENSMUSG00000057738	-0.039383826	7.383000885	0.816799607	0.904195428
ENSMUSG00000069682	0.049155084	3.461806012	0.817008898	0.904339703
ENSMUSG00000038437	0.040470822	6.012272152	0.817556589	0.904749031
ENSMUSG00000033285	0.040430581	6.08874637	0.817617487	0.904749031
ENSMUSG00000028136	-0.040162503	6.359133894	0.817764547	0.904749031
ENSMUSG00000047281	0.042154085	5.30246201	0.817865955	0.904749031
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ENSMUSG00000005103	0.039025703	7.240698703	0.818054248	0.904749031
ENSMUSG00000022151	-0.048785434	3.47311566	0.818086058	0.904749031
ENSMUSG00000029104	-0.040064487	6.409879991	0.818169991	0.904749031
ENSMUSG00000046982	0.042011848	5.068761034	0.818389665	0.904749031
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ENSMUSG00000022556	-0.04371652	4.785617124	0.818548594	0.904749031
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ENSMUSG00000037275	-0.040257473	6.07761905	0.819056239	0.905118787
ENSMUSG00000021996	0.040385285	6.120837012	0.819237539	0.905231793
ENSMUSG00000026770	-0.063980635	2.76383485	0.81931908	0.905234557
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ENSMUSG00000069678	0.071225355	2.42779916	0.819778638	0.905316304
ENSMUSG00000027680	-0.039728071	6.278462834	0.819859863	0.905316304
ENSMUSG00000022000	-0.039953385	6.183056274	0.819867345	0.905316304
ENSMUSG00000047379	0.050489825	3.290565979	0.820175136	0.905567906
ENSMUSG00000005667	-0.041559477	5.478671913	0.820253336	0.905567906
ENSMUSG00000027522	0.040936192	5.62483626	0.820676056	0.905947264
ENSMUSG00000025857	0.050820379	3.838354411	0.820859353	0.906062276
ENSMUSG00000003429	-0.037521491	9.400589446	0.821248282	0.906404219
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ENSMUSG00000022427	0.039241891	6.492571978	0.821575717	0.906528717
ENSMUSG00000008892	0.03958753	6.272196737	0.821715357	0.906528717
ENSMUSG00000050796	-0.057262116	2.788721906	0.821729983	0.906528717
ENSMUSG00000033669	0.050449518	3.508148231	0.821756844	0.906528717
ENSMUSG00000023806	0.085057902	2.031890624	0.823013768	0.907734716
ENSMUSG00000019087	0.038283572	7.028184938	0.823071474	0.907734716
ENSMUSG00000003559	0.044941483	4.659264996	0.82308784	0.907734716
ENSMUSG00000025156	-0.039650261	5.827821361	0.823432856	0.908027777
ENSMUSG00000032290	-0.04271272	4.83189157	0.823799987	0.908296898
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ENSMUSG00000025731	-0.048862464	3.713439151	0.824253183	0.908669911
ENSMUSG00000026021	0.038372038	6.674933156	0.824454749	0.908804643
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ENSMUSG00000022108	-0.036579488	9.193355716	0.825887933	0.909946561
ENSMUSG00000032459	0.042356994	4.397714225	0.826317627	0.910332414
ENSMUSG00000070520	-0.045315161	3.732265365	0.826461549	0.910403397
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ENSMUSG00000033253	0.039823271	5.330234886	0.827206883	0.910978403
ENSMUSG00000004626	-0.038081876	6.251817476	0.82722216	0.910978403

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ENSMUSG00000024556	-0.03622805	6.384120576	0.834861297	0.915956168
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ENSMUSG00000062822	-0.037582154	5.122089471	0.838872493	0.917982674
ENSMUSG00000032590	0.035595981	6.131510553	0.839009678	0.918045079
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ENSMUSG00000028106	-0.034120664	5.920612281	0.848846541	0.924540578
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ENSMUSG00000061759	-0.035899057	5.113792219	0.852573964	0.926911579
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ENSMUSG00000079487	-0.031258921	6.449935156	0.85693819	0.930015305
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ENSMUSG00000003068	-0.031194362	6.366322044	0.858607293	0.9306861
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ENSMUSG00000057691	-0.032935157	4.93572552	0.859400167	0.931369239
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ENSMUSG00000007411	-0.030979004	6.337635361	0.859706771	0.931525227
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ENSMUSG00000024477	0.035332185	4.641110663	0.86037244	0.932003403



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ENSMUSG00000033499	-0.029837186	7.149602078	0.860782827	0.93233835
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ENSMUSG00000061983	0.028563329	9.710305575	0.863483325	0.933874729
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ENSMUSG00000036282	-0.031436972	5.453062207	0.863644018	0.933935883
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ENSMUSG00000030417	-0.032029658	5.076321844	0.86401237	0.934055695
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ENSMUSG00000028669	-0.031333504	5.221140482	0.864081034	0.934055695
ENSMUSG00000027430	0.038995765	3.773735342	0.86420334	0.934099741
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ENSMUSG00000032239	-0.031617771	5.248411297	0.864809691	0.93454778
ENSMUSG00000001783	0.029639803	6.678500648	0.86486265	0.93454778
ENSMUSG00000020561	-0.032154544	5.174519867	0.865202084	0.934826365
ENSMUSG00000033060	0.0555304	2.565587529	0.865415106	0.934968325
ENSMUSG00000022335	-0.046495111	2.98344513	0.865700789	0.935188751
ENSMUSG00000004100	0.031283682	5.576242076	0.865810534	0.935219093
ENSMUSG00000016253	-0.03219497	5.103827879	0.866325433	0.935591384
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ENSMUSG00000026179	-0.029203426	4.291344496	0.888126966	0.947528471
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ENSMUSG00000045237	0.038263892	2.592626512	0.900134068	0.955693638

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ENSMUSG00000031246	-0.021303405	7.295365961	0.90056691	0.955991548
ENSMUSG00000060181	-0.02364849	4.652761524	0.90072965	0.956075688
ENSMUSG00000005699	-0.035517183	1.826461321	0.901031287	0.956307231
ENSMUSG00000038383	-0.027028006	4.305233052	0.901286292	0.956489243
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ENSMUSG00000038564	-0.028251298	4.350536751	0.904020052	0.958030249
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ENSMUSG00000020659	-0.030315296	4.138029327	0.904266026	0.958030249
ENSMUSG00000001419	0.021113519	6.586727627	0.904327689	0.958030249
ENSMUSG00000027650	0.022433612	4.866220468	0.904540028	0.958166569
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ENSMUSG00000041712	0.02156815	6.010401464	0.905143083	0.958539411
ENSMUSG00000003154	0.023313198	4.567498426	0.905692253	0.959032302
ENSMUSG00000040389	0.027878128	3.607468943	0.905882813	0.959072873
ENSMUSG00000038279	-0.021678815	5.877859758	0.905898048	0.959072873
ENSMUSG00000014856	-0.022127324	5.426924657	0.905997874	0.959089903
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ENSMUSG00000076564	-0.012958197	9.256927256	0.938418	0.977774869
ENSMUSG00000020988	0.019932783	3.954829287	0.9388265	0.978054052
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ENSMUSG00000053656	-0.052807771	1.407074508	0.939051973	0.978075021
ENSMUSG00000026889	-0.01624182	4.621438523	0.939118348	0.978075021
ENSMUSG00000096452	-0.013323531	7.00768943	0.939133066	0.978075021
ENSMUSG00000039065	0.020108299	3.48347004	0.939252408	0.978110368
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ENSMUSG00000021731	-0.016251029	4.641483911	0.939909056	0.97861622
ENSMUSG00000027424	0.021875747	3.506269952	0.940141225	0.978768971
ENSMUSG00000074247	0.014642526	5.201435008	0.940292408	0.978837388

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ENSMUSG00000044060	-0.033749955	1.463563118	0.940904882	0.979207962
ENSMUSG00000008604	0.013845727	5.881382895	0.941152936	0.979377119
ENSMUSG00000036968	0.018579283	4.028156631	0.941426706	0.979391291
ENSMUSG00000004748	0.024612724	2.828496732	0.941451822	0.979391291
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ENSMUSG00000010045	0.013807554	4.708581961	0.942401909	0.97994359
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ENSMUSG00000042557	-0.013407588	6.032499486	0.942467357	0.97994359
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ENSMUSG00000052763	0.017828502	3.61872737	0.943909859	0.980649411
ENSMUSG00000022833	0.025387399	2.90787288	0.9439168	0.980649411
ENSMUSG00000053253	-0.013826949	5.275859603	0.944058177	0.980707329
ENSMUSG00000030670	-0.047576182	1.587859789	0.9442507	0.980818363
ENSMUSG00000037085	-0.021888209	2.920698275	0.944384068	0.980822378
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ENSMUSG00000055850	0.013067427	5.705805186	0.944597121	0.980822378
ENSMUSG00000031506	0.012304166	6.735796662	0.944889444	0.980972228
ENSMUSG00000006373	-0.012939671	5.564605554	0.944912741	0.980972228
ENSMUSG00000078201	-0.034001504	1.618667022	0.945272722	0.981100233
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ENSMUSG00000032305	-0.023780551	3.700863414	0.946538212	0.981745845
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ENSMUSG00000034647	0.00615178	6.194073873	0.974111574	0.994251836
ENSMUSG00000033454	-0.006152599	6.055885731	0.97422957	0.994283663
ENSMUSG00000022571	-0.010603971	4.245382076	0.974344263	0.994312113
ENSMUSG00000020124	-0.005750924	7.049282629	0.974491142	0.9943734
ENSMUSG00000075703	0.007168647	5.172917577	0.97479885	0.994481586
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