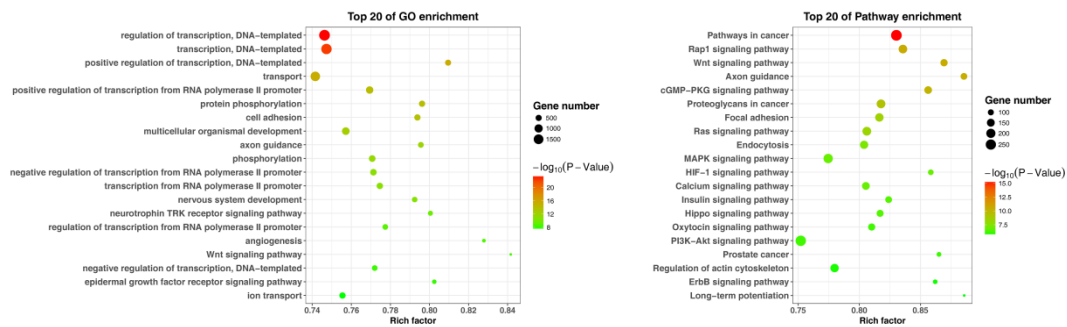


Supplementary Materials



Supplementary Figure 1 Quality control and preprocessing of the raw small RNA sequencing data. (a) The QualityScore results of three serum samples from three AP patients. (b) The QualityScore results of three serum samples from three control patients.



Supplementary Figure 2 Functional enrichment analysis of the target genes of differentially expressed tRFs (DE-tRFs).

Supplementary Table 1 Identification of 116 upregulated and 95 downregulated tRNA derived fragments (tRFs) in Acute pancreatitis (AP).

AccID	log ₂ Fold Change	P value	FDR ¹	Sty le	patie nt 1	patie nt 2	patie nt 3	Contr ol 1	Contr ol 2	Contr ol 3
tsrna-00051	-2.8920090 54	0.04662 1342	1	do wn	0	1	1	6	4	9
tsrna-00064	-1.7689015 28	0.03450 9312	1	do wn	7	2	5	13	19	26
tsrna-00066	-3.5362821 5	0.00179 6392	1	do wn	2	0	2	12	10	32
tsrna-00068	-2.5393426 43	0.01536 8643	1	do wn	5	0	2	9	11	28
tsrna-00280	3.86276426 0280	0.01092 7277	1	up	14	0	17	1	0	1
tsrna-00409	-1.8408319 37	0.00385 8619	0.08548 5625	do wn	17	7	20	33	68	99
tsrna-00671	-2.5987888 85	0.01741 7198	1	do wn	2	1	2	11	7	19
tsrna-00679	-2.1224853 21	0.04120 2177	1	do wn	2	2	3	15	5	18
tsrna-01368	4.17384286 1368	0.02646 3395	1	up	16	1	0	0	1	0
tsrna-01369	4.16040477 1369	0.02016 7471	1	up	15	1	1	0	1	0
tsrna-01520	-3.6289225 06	0.00334 7637	1	do wn	0	1	2	6	9	36
tsrna-01786	-2.4725564 41	0.00716 3161	1	do wn	5	1	4	7	21	43

¹ FDR: false discovery rate

tsrna-0	-4.1622621	0.02671		do							
1919	91	0302	1	wn	0	0	0	2	2	11	
tsrna-0	2.48372862	0.03527									
2345	2	6561	1	up	3	6	12	2	1	2	
tsrna-0	-2.1994897	0.04135		do							
2508	44	3875	1	wn	4	0	3	8	15	11	
tsrna-0	-2.3245314	0.01309		do							
2637	53	3037	1	wn	4	4	1	16	16	40	
tsrna-0	-1.8571269	0.01767	0.09401	do							
3020	99	0191	7491	wn	15	4	6	16	28	83	
tsrna-0	-2.0951605	0.00950	0.09401	do							
3022	55	3894	7491	wn	12	4	8	13	25	111	
tsrna-0	1.96574789	0.02591									
3361	3	9535	1	up	23	7	35	0	11	9	
tsrna-0	1.94585605	0.01085	0.09401								
3362	3	6063	7491	up	29	7	40	3	7	13	
tsrna-0	1.83735116	0.02396									
3363	9	837	1	up	18	9	35	9	3	7	
tsrna-0	-3.9360581	0.01747		do							
3815	71	7595	1	wn	1	0	0	1	5	21	
tsrna-0	2.82093595	0.03519									
4002	5	0955	1	up	11	0	24	3	0	1	
tsrna-0	-1.4883457	0.04034	0.10541	do							
4160	93	3958	3138	wn	12	2	15	22	30	36	
tsrna-0	3.20550004	0.02427									
4351	9	2618	1	up	3	1	25	1	0	2	
tsrna-0	-2.0409860	0.03788		do							
4434	75	1236	1	wn	6	0	4	10	11	25	
tsrna-0	-2.0692562	0.02871	1	do							
					2	3	4	14	9	29	

4437	39	4822		wn							
tsrna-0	2.09573610	0.00990	0.09401								
4590	7	0169	7491	up	12	37	58	5	16	20	
tsrna-0	-2.2623882	0.00373	0.08548	do							
4666	14	0504	5625	wn	6	3	8	13	43	48	
tsrna-0	-1.3633418	0.02479	0.09401	do							
4667	15	2653	7491	wn	25	8	28	42	62	82	
tsrna-0	2.38623186	0.02547									
4725	4	6056	1	up	8	1	48	3	1	6	
tsrna-0	1.20689736	0.04240	0.10541								
4997	3	4135	3138	up	396	346	666	140	383	355	
tsrna-0	1.25734293	0.03191	0.10085								
4998	5	6776	7013	up	414	389	806	161	369	440	
tsrna-0	1.31540920	0.02423	0.09401								
4999	6	7829	7491	up	469	436	873	180	399	449	
tsrna-0	1.19390203	0.04269	0.10541								
5000	6	8993	3138	up	437	376	945	160	466	419	
tsrna-0	1.29660375	0.02284	0.09401								
5001	3	7145	7491	up	476	397	927	177	397	437	
tsrna-0	2.18082905	0.00709	0.09401								
5111	5	6865	7491	up	19	31	55	2	18	16	
tsrna-0	-1.8668852	0.01696	0.09401	do							
5119	69	9089	7491	wn	10	6	4	20	38	49	
tsrna-0	-1.5419528	0.04548	0.10780	do							
5244	55	8902	7712	wn	8	9	7	20	42	47	
tsrna-0	-1.5529757	0.01398	0.09401	do							
5245	82	2452	7491	wn	27	8	18	45	64	83	
tsrna-0	-2.3246961	0.02083		do							
5899	39	1829	1	wn	5	3	0	17	13	30	

tsrna-0	-2.1382826	0.01694		do							
6101	46	4217	1	wn	4	3	3	10	18	35	
tsrna-0	-1.7312287	0.04863		do							
6104	67	7825	1	wn	3	6	5	18	13	43	
tsrna-0	1.24130606	0.03408	0.10348								
6150	9	8521	1495	up	437	361	775	141	394	409	
tsrna-0	4.20376481	4.15E-0									
6176	3	5	1	up	21	4	71	1	2	2	
tsrna-0	1.99883533	0.01839	0.09401								
6177	8	5555	7491	up	28	5	86	1	14	16	
tsrna-0	-1.6400638	0.04589	0.10780	do							
6278	85	2615	7712	wn	19	0	10	23	32	38	
tsrna-0	3.68164000	0.04216									
6353	8	3745	1	up	1	8	0	0	0	2	
tsrna-0	2.77817664	0.01673									
6821	7	2851	1	up	12	0	45	1	1	6	
tsrna-0	-1.5165844	0.04784	0.10799	do							
6964	16	7154	7863	wn	13	1	17	26	35	26	
tsrna-0		0.02098									
7555	2.84092761	0762	1	up	48	1	4	3	4	0	
tsrna-0	3.41070359	0.02416									
7646	1	2547	1	up	14	1	6	1	1	0	
tsrna-0	2.20118267	0.03302									
7681	9	7971	1	up	22	0	31	2	4	5	
tsrna-0	1.84392808	0.03353	0.10320								
7682	4	2081	9132	up	41	1	87	12	9	9	
tsrna-0	-1.6198529	0.00970	0.09401	do							
7859	64	0504	7491	wn	21	7	20	43	54	82	
tsrna-0	-1.5877729	0.02934	0.09646	do							
					11	2	15	21	35	35	

8029	31	2628	5741	wn						
tsrna-0	-2.1596821	0.00123	0.06342	do	10	6	15	31	66	80
8233	12	7713	8324	wn						
tsrna-0	2.49810420	0.02413								
8868	9	5813	1	up	6	1	41	1	3	4
tsrna-0	4.87509057	0.01134								
8892	9	771	1	up	3	0	16	0	0	0
tsrna-0	-2.2981361	0.00369	0.08548	do						
9287	94	6968	5625	wn	7	3	5	16	28	55
tsrna-0	-1.6283456	0.04889		do						
9585	55	4233	1	wn	3	5	8	14	21	34
tsrna-0	-2.0197856	0.01370		do						
9586	84	5722	1	wn	5	2	10	9	31	44
tsrna-1	1.17345078	0.04690	0.10799							
0106	9	4617	7863	up	424	377	810	154	424	439
tsrna-1	-2.6238451	0.01634		do						
0317	03	9846	1	wn	3	1	1	6	13	22
tsrna-1	-1.2777200	0.02521	0.09401	do						
0519	66	3921	7491	wn	270	49	154	345	333	668
tsrna-1	-3.1909741	0.00818		do						
0526	64	1266	1	wn	4	0	0	13	10	19
tsrna-1	2.11526085	0.03992								
0756	2	1457	1	up	18	0	47	5	2	6
tsrna-1	-2.3746299	0.00396	0.08548	do						
0813	94	7687	5625	wn	13	3	3	19	29	91
tsrna-1	-1.9599271	0.01361	0.09401	do						
0814	62	1926	7491	wn	10	7	6	18	28	99
tsrna-1	-1.6027324	0.04159	0.10541	do						
1089	74	2768	3138	wn	11	10	9	19	27	109

tsrna-1	4.85069246	0.01315								
1280	5	8963	1	up	2	0	17	0	0	0
tsrna-1	4.54380164	0.04154								
1281	5	8582	1	up	0	0	16	0	0	0
tsrna-1	-1.5044215	0.02034	0.09401	do						
1630	73	8208	7491	wn	26	8	16	34	62	87
tsrna-1	1.98733164	0.03874								
1691	2	6714	1	up	13	1	54	2	7	7
tsrna-1	3.96846630	0.02448								
2134	1	0062	1	up	1	5	4	1	0	0
tsrna-1		0.00894								
2361	4.33374888	5295	1	up	11	3	3	1	0	0
tsrna-1	2.00321456	0.04193								
2363	8	9444	1	up	14	3	17	1	3	6
tsrna-1	2.09926221	0.04244								
2364	5	2356	1	up	10	4	24	0	7	3
tsrna-1	2.65070220	0.00797								
2365	9	8679	1	up	13	3	30	1	2	5
tsrna-1	1.61474498	0.01349	0.09401							
2399	9	2006	7491	up	35	16	76	13	12	22
tsrna-1	1.34201511	0.04237	0.10541							
2405	9	7104	3138	up	29	22	88	16	26	21
tsrna-1	1.46238762	0.02495	0.09401							
2416	1	6832	7491	up	105	15	79	25	27	22
tsrna-1	-2.0767574	0.00863	0.09401	do						
3177	79	6515	7491	wn	16	0	11	31	40	44
tsrna-1	1.97761814	0.02902								
3300	5	6986	1	up	19	2	39	2	4	10
tsrna-1	1.74598354	0.04249	1							
				up	11	5	32	3	5	8

3301	6	3921								
tsrna-1	4.54894247	0.01702	1	up	2	1	10	0	0	0
3349	3	6143								
tsrna-1	4.88780468	0.00527	1	up	6	2	6	0	0	0
3350	7	8901								
tsrna-1	3.25319300	0.04430	1	up	2	1	16	0	1	1
3351	4	5797								
tsrna-1	3.22019322	0.04347	1	up	5	1	13	0	2	0
3353	8	5588								
tsrna-1	-3.9909057	0.03425	1	do						
3408	34	4831		wn	0	0	0	3	3	6
tsrna-1	1.77576557	0.03674	0.10462	up	145	2	65	16	26	16
3528	2	4368	9994							
tsrna-1	1.64578121	0.04751	0.10799	up	152	3	79	29	14	25
3529	6	9803	7863							
tsrna-1	-1.8021990	0.01291	0.09401	do						
3722	25	433	7491	wn	8	6	10	21	44	47
tsrna-1	-1.6096239	0.00904	0.09401	do						
3723	1	5318	7491	wn	19	8	24	46	62	79
tsrna-1	1.79722881	0.03943		up	18	2	42	5	5	7
3772	8	1448								
tsrna-1	-2.0760993	0.04829		do						
4085	15	3756		wn	4	1	8	20	1	40
tsrna-1	-2.0815111	0.04698		do						
4237	96	8566		wn	3	1	4	4	8	33
tsrna-1	3.94107807	0.02945		up	7	0	11	0	1	0
4628	5	2383								
tsrna-1	4.15971502	0.01983		up	5	0	17	0	0	1
4630	8	3627								

tsrna-1	1.77526813	0.04040	0.10541							
4636	7	3431	3138	up	34	1	81	10	6	14
tsrna-1	2.48162091	0.01859								
4748	8	7594	1	up	5	11	15	2	5	1
tsrna-1	2.61655563	0.00706								
4749	3	0462	1	up	15	7	21	0	5	4
tsrna-1	1.18898699	0.04183	0.10541							
4765	4	9377	3138	up	402	349	707	150	370	396
tsrna-1	1.19314575	0.03728	0.10462							
4766	7	9207	9994	up	461	369	792	163	389	452
tsrna-1	1.31927231	0.02133	0.09401							
4767	8	7964	7491	up	500	366	764	140	360	432
tsrna-1	1.26039632	0.02928	0.09646							
4768	4	8318	5741	up	444	374	846	152	376	454
tsrna-1	1.15007757	0.04505	0.10780							
4769	5	7282	7712	up	449	373	815	177	414	441
tsrna-1	1.27731667	0.02459	0.09401							
4770	9	1907	7491	up	475	372	787	162	363	427
tsrna-1	1.36342337	0.02276	0.09401							
4771	1	0036	7491	up	431	414	776	152	390	376
tsrna-1	1.27196423	0.02837	0.09646							
4772	2	7821	5741	up	436	371	831	152	386	414
tsrna-1	1.29323086	0.02497	0.09401							
4773	2	8761	7491	up	460	390	863	167	400	407
tsrna-1	1.25839543	0.02546	0.09401							
4774	4	211	7491	up	468	340	824	153	376	400
tsrna-1	1.19973397	0.03752	0.10462							
4775		5525	9994	up	433	366	795	167	396	408
tsrna-1	1.31415210	0.02578	0.09401							
				up	459	402	911	149	422	432

4776	6	5388	7491								
tsrna-1	1.36344657	0.01539	0.09401								
4777	3	0078	7491	up	509	401	942	178	385	422	
tsrna-1	1.36953419	0.01583	0.09401								
4778	3	5158	7491	up	499	399	991	168	398	429	
tsrna-1	1.29944796	0.02102	0.09401								
4779	8	3313	7491	up	513	396	987	173	396	488	
tsrna-1	1.31133128	0.02013	0.09401								
4780	6	349	7491	up	530	403	991	180	431	438	
tsrna-1	1.28552794	0.02327	0.09401								
4781	5	6096	7491	up	535	414	1055	188	461	455	
tsrna-1	1.25936264	0.02635	0.09462								
4782	7	2577	971	up	520	379	970	166	442	444	
tsrna-1	1.34498217	0.01984	0.09401								
4783	7	5841	7491	up	502	393	961	147	411	453	
tsrna-1	1.17308108	0.03728	0.10462								
4784	8	938	9994	up	520	402	968	200	459	481	
tsrna-1	1.23058251	0.02982	0.09646								
4786		83	5741	up	499	414	1001	209	445	448	
tsrna-1	1.09669945	0.04763	0.10799								
4787	3	0556	7863	up	516	374	1020	214	472	487	
tsrna-1	1.13102150	0.04431	0.10780								
4788	5	0666	7712	up	515	412	972	221	466	493	
tsrna-1	3.48295167	7.69E-0	0.01687								
4935	3	5	5748	up	26	5	88	3	3	4	
tsrna-1	3.66054195	0.00014	0.01687								
4936	6	2411	5748	up	23	3	88	2	4	2	
tsrna-1	3.19461899	0.00022	0.01752								
4937	9	1888	9115	up	27	5	75	3	5	3	

tsrna-1	2.40317216	0.00144	0.06342							
4938	6	3039	8324	up	33	8	83	3	9	13
tsrna-1	2.22759978	0.02973								
4968	8	2107	1	up	23	2	30	0	9	3
tsrna-1	1.95654055	0.00858	0.09401							
5242	6	5381	7491	up	16	23	55	7	11	15
tsrna-1	-2.3503192	0.00439	0.08671	do						
5266	3	0659	5506	wn	5	3	6	10	32	56
tsrna-1	-1.4309207	0.02052	0.09401	do						
5267	86	7297	7491	wn	21	9	26	39	54	97
tsrna-1	-1.8825914	0.03753		do						
5319	55	8519	1	wn	6	4	2	17	11	38
tsrna-1	-1.7285472	0.03698		do						
5320	99	6685	1	wn	8	1	9	15	14	39
tsrna-1	4.52899013	0.02677								
5341	4	3339	1	up	2	0	13	0	0	0
tsrna-1	-2.3677138	0.02268		do						
5386	52	3692	1	wn	9	0	1	8	16	40
tsrna-1	-1.9048435	0.04331		do						
5387	35	2086	1	wn	8	2	1	12	15	28
tsrna-1	-2.5847039	0.00384		do						
5388	7	7695	1	wn	8	0	4	25	21	29
tsrna-1	-2.0467171	0.02208	0.09401	do						
5390	67	7426	7491	wn	11	3	1	13	26	50
tsrna-1	4.24779067	0.04331								
5565		6151	1	up	6	0	5	0	0	0
tsrna-1	-2.0717725	0.00739	0.09401	do						
5796	2	8113	7491	wn	9	5	9	17	26	98
tsrna-1	-1.6349187	0.04685	1	do	10	1	9	20	13	35

5878	96	1899		wn						
tsrna-1	2.96627222	0.04818								
6022	6	4592	1	up	3	10	0	0	3	1
tsrna-1	-1.2939917	0.04036	0.10541	do						
6048	2	0638	3138	wn	23	10	21	37	63	68
tsrna-1	2.94810206	0.01528								
6135	2	3956	1	up	32	0	11	1	1	4
tsrna-1	-1.6073336	0.02836	0.09646	do						
6200	01	0474	5741	wn	7	6	13	16	40	50
tsrna-1	3.75976431	0.00498								
6497	5	5861	1	up	28	2	5	0	2	1
tsrna-1	-1.6872588	0.04328		do						
6776	27	1145	1	wn	8	3	4	11	23	30
tsrna-1	2.22699174	0.00697	0.09401							
6943	3	3381	7491	up	46	3	77	7	12	5
tsrna-1	-3.8912821	0.04921		do						
7090	83	5366	1	wn	0	0	0	3	6	1
tsrna-1	3.65253469	0.04434								
7126	6	7664	1	up	8	1	3	0	0	1
tsrna-1	3.10626288	0.04331								
7224	3	1779	1	up	3	2	12	1	1	0
tsrna-1	-1.4903076	0.04594	0.10780	do						
7768	72	3371	7712	wn	18	6	11	14	34	92
tsrna-1	-1.8407445	0.02025	0.09401	do						
7769	09	0984	7491	wn	15	4	10	11	30	105
tsrna-1	1.92726262	0.01634	0.09401							
7844	1	2064	7491	up	13	34	38	8	12	18
tsrna-1	2.46989881	0.02308								
7872	9	7548	1	up	19	0	32	1	3	5

tsrna-1	2.33906523	0.00869	0.09401							
7873	1	2357	7491	up	34	2	85	10	3	7
tsrna-1	4.07942935	0.02278								
8035	9	5916	1	up	2	6	1	0	0	1
tsrna-1	-1.8916486	0.01150	0.09401	do						
8425	52	0782	7491	wn	9	1	18	24	41	41
tsrna-1		0.04528								
8478	3.74478584	7815	1	up	5	0	11	0	0	1
tsrna-1	-1.5010284	0.02691	0.09518	do						
9300	86	003	9211	wn	20	4	14	27	43	57
tsrna-1	2.45999577	0.03856								
9602	4	68	1	up	4	4	14	1	1	3
tsrna-1	4.69918995	0.01853								
9639	1	9431	1	up	2	0	15	0	0	0
tsrna-1	3.59099689	0.04683								
9736	7	7474	1	up	6	2	2	0	1	0
tsrna-1	4.42248520	0.02598								
9738	8	7712	1	up	8	1	1	0	0	0
tsrna-1	-4.4798842	0.00266		do						
9786	31	3332	1	wn	1	0	0	8	7	19
tsrna-1	-1.6239736	0.02436	0.09401	do						
9803	68	453	7491	wn	11	5	10	18	42	43
tsrna-1	-1.5742843	0.01626	0.09401	do						
9804	35	9503	7491	wn	31	5	18	37	68	84
tsrna-2	-3.2216412	0.03025		do						
0130	9	3435	1	wn	0	0	2	5	5	12
tsrna-2	1.73925092	0.01568	0.09401							
0212	3	8919	7491	up	19	20	82	8	19	16
tsrna-2	-2.0895900	0.00750	0.09401	do						
					11	5	6	21	24	93

0508	91	8382	7491	wn						
tsrna-2	3.72203029	0.04695								
1136	8	7155	1	up	4	0	12	1	0	0
tsrna-2	1.92150513	0.01453	0.09401							
1138	2	4384	7491	up	36	3	74	6	9	14
tsrna-2	-2.3491788	0.02715		do						
1276	49	8718	1	wn	3	2	1	11	6	27
tsrna-2	2.16121197	0.02678								
2023	2	5505	1	up	34	4	21	1	1	15
tsrna-2	1.74954096	0.01915								
2025	2	6625	1	up	24	8	36	5	9	9
tsrna-2	-1.6018458	0.03247	0.10125	do						
2044	65	0152	5605	wn	16	5	10	16	28	87
tsrna-2	-1.8087430	0.04186	0.10541	do						
2045	37	7103	3138	wn	11	7	2	13	23	89
tsrna-2	-1.8330204	0.02211	0.09401	do						
2047	7	8069	7491	wn	10	6	7	10	36	81
tsrna-2	-2.1824542	0.01220	0.09401	do						
2048	23	1263	7491	wn	12	3	4	8	28	91
tsrna-2	-4.1806117	0.02900		do						
2128	47	0062	1	wn	0	0	0	1	2	13
tsrna-2	1.56273594	0.04540								
2465	6	3892	1	up	26	7	25	6	10	6
tsrna-2	-1.6685063	0.03924	0.10541	do						
2820	45	1134	3138	wn	14	0	14	21	36	31
tsrna-2	3.46009930	0.04646								
3009	8	3428	1	up	0	8	1	1	0	1
tsrna-2	1.94943292	0.02942	0.09646							
3268	1	2658	5741	up	36	1	76	10	9	5

tsrna-2	1.59758787	0.03493	0.10348							
3429	2	0462	1495	up	20	14	28	4	12	12
tsrna-2	-2.4196288	0.01021		do						
3519	34	5173	1	wn	6	1	2	18	12	27
tsrna-2	-1.6624422	0.04414		do						
3520	9	8413	1	wn	6	5	5	12	20	44
tsrna-2	-3.5914124	0.02822		do						
3571	96	3357	1	wn	1	0	0	5	7	5
tsrna-2	4.74892056	0.01902		up						
3679	9	0964	1	up	1	0	17	0	0	0
tsrna-2	2.42863936	0.03668		up						
3728	2	6551	1	up	4	4	34	0	7	1
tsrna-2	-1.6548646	0.03606	0.10462	do						
3731	05	6039	9994	wn	16	5	11	10	31	104
tsrna-2	-1.4832950	0.03469	0.10348	do						
3774	33	796	1495	wn	24	8	14	20	52	109
tsrna-2	-1.4454753	0.04264	0.10541	do						
3775	49	7425	3138	wn	18	7	18	15	43	104
tsrna-2	-2.4557971	0.00160	0.06342	do						
3845	24	578	8324	wn	11	3	5	17	41	84
tsrna-2	-1.9390362	0.01132	0.09401	do						
3846	89	4978	7491	wn	11	5	12	14	31	108
tsrna-2	-1.8719194	0.03012	0.09646	do						
3913	18	0105	5741	wn	10	5	6	6	28	88
tsrna-2	-2.2296975	0.00389	0.08548	do						
4007	4	4528	5625	wn	13	3	11	14	38	117
tsrna-2	3.64030422	0.02004		up						
4110	5	1809	1	up	7	0	21	1	0	1
tsrna-2	-3.3916557	0.00259	1	do						
				do	0	1	4	15	6	44

4512	16	5514		wn							
tsrna-2	-1.8443616	0.01492	0.09401	do	17	4	9	16	34	97	
4858	57	8611	7491	wn							
tsrna-2	4.84928322	0.00239									
4879	9	9344	1	up	10	7	3	0	1	0	
tsrna-2	2.07912938	0.04120									
5166	4	3083	1	up	32	1	11	3	3	5	
tsrna-2	-1.6035108	0.02274	0.09401	do							
5475	21	4153	7491	wn	13	2	19	29	34	46	
tsrna-2	-4.3507824	0.01905		do							
5832	77	6697	1	wn	0	0	0	3	1	13	
tsrna-2	-2.0481675	0.01187	0.09401	do							
6262	99	7371	7491	wn	2	6	10	18	40	48	
tsrna-2	-1.4754509	0.02334	0.09401	do							
6263	83	8443	7491	wn	27	11	15	48	62	86	
tsrna-2	-1.4367529	0.04900	0.10955	do							
6558	25	0332	7345	wn	1013	38	505	1527	1036	1305	
tsrna-2	4.40039727	0.03282									
6559	4	9613	1	up	0	2	8	0	0	0	
tsrna-2	-2.6843136	0.03976		do							
6579	6	5221	1	wn	2	1	0	9	5	11	

Supplementary Table 2 The results of mass spectrometry for the proteins interacting with tRF-36.

Accession	Description	Coverage [%]	# Peptides	# PS Ms	# Unique Peptides	# AAs	MW [Murray, #2]	calc. pI	Abundances (Grouped): TRF3004b
P63038	60 kDa heat shock protein, mitochondrial OS=Mus musculus OX=10090 GN=Hspd1 PE=1 SV=1	84	58	126	58	573	60.9	6.18	7331067196
P11499	Heat shock protein 90-beta	70	60	167	37	724	83.2	5.03	8798530510

OS=Mus
 musculus
 OX=10090
 GN=Hsp90ab1
 PE=1 SV=3
 Heat shock
 protein HSP
 90-alpha

P0790	OS=Mus	66	53	138	33	733	84.7	5.01	2833162358
1	musculus								
	OX=10090								
	GN=Hsp90aa1								
	PE=1 SV=4								
Q0185	Transitional								
3	endoplasmic	68	48	79	47	806	89.3	5.26	1613989035
	reticulum								

ATPase
 OS=Mus
 musculus
 OX=10090
 GN=Vcp PE=1
 SV=4
 Stress-70
 protein,
 mitochondrial

P3864	OS=Mus	68	47	114	47	679	73.4	6.07	6818101038
7	musculus								
	OX=10090								
	GN=Hspa9								
	PE=1 SV=3								
Q3UB	HATPase_c	61	48	99	46	802	92.4	4.82	2865450431
U0	domain-contain								

ing protein

OS=Mus

musculus

OX=10090

GN=Hsp90b1

PE=2 SV=1

Elongation

factor 2

OS=Mus

P5825

musculus

63

48

93

24

858

95.3

6.83

2417947078

2

OX=10090

GN=Eef2 PE=1

SV=2

Pyruvate kinase

P5248

PKM OS=Mus

73

37

84

37

531

57.8

7.47

4608616941

0

musculus

OX=10090

GN=Pkm PE=1

SV=4

Endoplasmic

reticulum

chaperone BiP

P2002	OS=Mus	61	51	106	48	655	72.4	5.16	6371506851
9	musculus								

OX=10090

GN=Hspa5

PE=1 SV=3

Alpha-actinin-4

P5778	OS=Mus	62	48	74	30	912	104.9	5.41	646752809.8
0	musculus								

OX=10090

GN=Actn4

	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q3TE	OS=Mus								
K2	musculus	65	42	105	27	646	70.8	5.41	4151735506
	OX=10090								
	GN=Hspa8								
	PE=2 SV=1								
	Filamin, alpha								
	OS=Mus								
B9EK	musculus								
P5		29	54	59	47	2639	280.3	6.01	221376359
	OX=10090								
	GN=Flna PE=2								
	SV=1								
Q7TP	Alpha-actinin-1								
R4		62	46	62	29	892	103	5.38	174347877.3
	OS=Mus								

	musculus								
	OX=10090								
	GN=Actn1								
	PE=1 SV=1								
	T-complex								
	protein	1							
	subunit	beta							
P8031	OS=Mus	69	26	47	26	535	57.4	6.4	858154246.2
4	musculus								
	OX=10090								
	GN=Cct2	PE=1							
	SV=4								
	Importin								
Q3TF	N-terminal	48	32	47	32	875	97.1	4.78	518170284
E8	domain-contain								
	ing	protein							

	OS=Mus								
	musculus								
	OX=10090								
	GN=Kpnb1								
	PE=2 SV=1								
	Bifunctional								
	purine								
	biosynthesis								
Q9C	protein ATIC								
WJ9	OS=Mus	69	29	43	29	592	64.2	6.76	499328261.4
	musculus								
	OX=10090								
	GN=Atic PE=1								
	SV=2								
Q99KI	Aconitate								
0	hydratase,	51	32	54	30	780	85.4	7.93	820114091.1

mitochondrial

OS=Mus

musculus

OX=10090

GN=Aco2 PE=1

SV=1

Protein

disulfide-isomer

ase A3 OS=Mus

P2777

musculus 64 33 67 33 505 56.6 6.21 2110891934

3

OX=10090

GN=Pdia3 PE=1

SV=2

Myof protein

B9EK

OS=Mus 32 57 61 57 2061 234.4 6.14 195861134

95

musculus

OX=10090

GN=Myof PE=2

SV=1

Transketolase

OS=Mus

P4014	musculus									
2	OX=10090	62	28	46	28	623	67.6	7.5		595260171

GN=Tkt PE=1

SV=1

26S proteasome

non-ATPase

regulatory

Q8VD	subunit	2	55	38	45	38	908	100.1	5.17	359011511.7
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M4

OS=Mus

musculus

OX=10090

	GN=Psm2								
	PE=1 SV=1								
	Protein Niban 2								
	OS=Mus								
Q8R1	musculus	50	28	42	28	749	84.8	5.94	358188621.6
F1	OX=10090								
	GN=Niban2								
	PE=1 SV=2								
	T-complex								
	protein 1								
	subunit gamma								
P8031	OS=Mus	70	39	55	39	545	60.6	6.7	1126744586
8	musculus								
	OX=10090								
	GN=Cct3 PE=1								
	SV=1								

	Adenylyl cyclase-associat ed protein								
Q3U0	OS=Mus	70	25	40	25	474	51.5	7.52	326552665.1
U5	musculus								
	OX=10090								
	GN=Cap1 PE=2								
	SV=1								
	NADPH--cytoc hrome P450 reductase								
P3704	OS=Mus	56	29	44	29	678	77	5.53	466215145.4
0	musculus								
	OX=10090								
	GN=Por PE=1								
	SV=2								

Protein									
P0910 3	disulfide-isomer ase OS=Mus musculus	64	33	55	33	509	57	4.88	1967591045
	OX=10090								
	GN=P4hb PE=1								
	SV=2								
Q6A0 F1	CCT-theta (Fragment) OS=Mus musculus	66	33	55	33	555	60.2	5.62	2373437777
	OX=10090								
	GN=Cct8 PE=2								
	SV=1								
Q3T WN8	Delta-1-pyrrolin e-5-carboxylate	46	29	41	29	795	87.2	7.68	383984991.5

synthase
 OS=Mus
 musculus
 OX=10090
 GN=Aldh18a1
 PE=2 SV=1
 MICOS
 complex
 subunit MIC60

Q3U7	OS=Mus	60	35	43	0	741	82.5	6.79	3096690.5
N2	musculus								
	OX=10090								
	GN=Immt PE=2								
	SV=1								
Q9D0	Arginine--tRNA	60	36	47	36	660	75.6	7.55	679087065.4
I9	ligase,								

cytoplasmic

OS=Mus

musculus

OX=10090

GN=Rars1 PE=1

SV=2

MICOS

complex

subunit Mic60

Q8CA	OS=Mus	60	36	47	1	757	83.8	6.61	272946833.7
Q8	musculus								
	OX=10090								
	GN=Immt PE=1								
	SV=1								
A0A0	Protein	47	27	44	27	641	72.3	5.22	814085672.5
R4J0Z	disulfide-isomer								

1	ase A4 OS=Mus									
	musculus									
	OX=10090									
	GN=Pdia4 PE=1									
	SV=1									
	T-complex									
	protein	1								
	subunit	delta								
P8031	OS=Mus									
5	musculus	70	30	47	29	539	58	8.02	1358138152	
	OX=10090									
	GN=Cct4 PE=1									
	SV=3									
	T-complex									
P8031	protein	1	58	28	43	28	544	59.6	7.84	647987441.5
3	subunit	eta								

OS=Mus
 musculus
 OX=10090
 GN=Cct7 PE=1
 SV=1
 Uncharacterize
 d protein
 (Fragment)

Q3TS	OS=Mus	72	25	42	1	418	46.5	6.34	850435.5625
K4	musculus								
	OX=10090								
	GN=Eef2 PE=2								
	SV=1								
O0852	Calpain-2								
9	catalytic	53	27	37	27	700	79.8	4.96	314504726
	subunit								

OS=Mus
 musculus
 OX=10090
 GN=Capn2
 PE=1 SV=4
 Alanine--tRNA
 ligase,
 cytoplasmic

Q8BG	OS=Mus	38	27	35	27	968	106.8	5.67	172537185.3
Q7	musculus								
	OX=10090								
	GN=Aars1								
	PE=1 SV=1								
Q3UD	DNA								
I8	replication	52	32	42	32	719	81.1	6.37	325299224.2
	licensing factor								

	MCM7 OS=Mus								
	musculus								
	OX=10090								
	GN=Mcm7								
	PE=2 SV=1								
	Chaperonin								
	containing								
	Tcp1, subunit								
	6a (Zeta)								
Q52K	OS=Mus	62	25	40	25	531	58	6.9	754783969.5
G9	musculus								
	OX=10090								
	GN=Cct6a PE=1								
	SV=1								
Q922I	Polypyrimidine								
7	tract-binding	51	17	28	14	555	59.3	9.16	419916448.8

	protein	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Ptp1								
	PE=1 SV=1								
	EH-domain								
	containing	1							
	(Fragment)								
Q8K1	OS=Mus	62	30	47	27	548	61.9	6.95	301686347.5
X5	musculus								
	OX=10090								
	GN=Ehd1 PE=2								
	SV=2								
P0521	Tubulin	71	24	39	1	451	50.1	5.06	1185706094
3	alpha-1B chain								

OS=Mus
 musculus
 OX=10090
 GN=Tuba1b
 PE=1 SV=2
 Calcium-binding
 mitochondrial
 carrier protein

Aralar1

Q8BH
 59

OS=Mus 59 27 33 25 677 74.5 8.25 184056122.7

musculus

OX=10090

GN=Slc25a12

PE=1 SV=1

E9Q6
 16

AHNAK 18 38 42 25 5656 603.9 6.3 77847249.88

nucleoprotein

(desmoyokin)

OS=Mus

musculus

OX=10090

GN=Ahnak

PE=1 SV=1

NOL1/NOP2/S

un domain

family member

A0A1

2 OS=Mus

S6GW

52

34

40

34

782

88

6.74

190175764.2

musculus

H4

OX=10090

GN=Nsun2

PE=2 SV=1

Q9CZ

Serine

66

27

43

27

504

55.7

8.47

801257127.3

N7

hydroxymethylt

ransferase,
mitochondrial

OS=Mus

musculus

OX=10090

GN=Shmt2

PE=1 SV=1

Nucleolin

OS=Mus

Q8CD	musculus	45	38	65	38	707	76.8	4.79	2824228816
------	----------	----	----	----	----	-----	------	------	------------

23	OX=10090
----	----------

GN=Ncl PE=2

SV=1

P6836	Tubulin								
9	alpha-1A chain	68	23	38	1	451	50.1	5.06	5131074.125

OS=Mus

musculus
 OX=10090
 GN=Tuba1a
 PE=1 SV=1
 MKIAA1375
 protein
 (Fragment)

Q6ZP	OS=Mus	42	33	46	33	909	100.1	8.15	296847072.1
S9	musculus								
	OX=10090								
	GN=Pdcd6ip								
	PE=2 SV=1								
	Glycerol-3-phos								
Q6452	phate	53	30	37	30	727	80.9	6.61	228503673.2
1	dehydrogenase, mitochondrial								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Gpd2 PE=1								
	SV=2								
	Dynamin-1-like								
	protein								
E9PU	OS=Mus								
D2	musculus	56	29	36	29	712	79.5	7.08	100750618.6
	OX=10090								
	GN=Dnm1l								
	PE=1 SV=1								
	UDP-glucose								
O7047	6-dehydrogenas								
5	e OS=Mus	66	26	35	26	493	54.8	7.56	582556507
	musculus								

	OX=10090								
	GN=Ugdh								
	PE=1 SV=1								
	Vacuolar								
	protein								
	sorting-associat								
	ed protein 35								
Q9EQ	OS=Mus	38	28	35	28	796	91.7	5.44	274983799.8
H3	musculus								
	OX=10090								
	GN=Vps35								
	PE=1 SV=1								
	Stress-induced-								
Q6086	phosphoprotein	55	30	48	30	543	62.5	6.8	661746801.4
4	1 OS=Mus								
	musculus								

OX=10090

GN=Stip1 PE=1

SV=1

HATPase_c

domain-contain

ing protein

Q3UP	OS=Mus	54	30	42	29	706	80.2	6.68	343397600.4
J8	musculus								

OX=10090

GN=Trap1

PE=2 SV=1

Mitochondrial

Q8K0	10-formyltetrah	45	32	36	32	923	101.5	6.29	234711809.7
09	ydrofolate								

dehydrogenase

OS=Mus

musculus

OX=10090

GN=Aldh1l2

PE=1 SV=2

Ezrin OS=Mus

P2604
0 musculus

OX=10090 48 35 47 1 586 69.4 6.1 923554328.2

GN=Ezr PE=1

SV=3

ATP synthase

subunit alpha,

Q0326
5 mitochondrial

OS=Mus 50 24 56 24 553 59.7 9.19 1310133140

musculus

OX=10090

GN=Atp5f1a

PE=1 SV=1

Threonine--tRN

A ligase 1,
cytoplasmic

Q9D0	OS=Mus	48	28	35	25	722	83.3	7.36	244400157.1
R2	musculus								

OX=10090

GN=Tars1 PE=1

SV=2

Plastin-3

(Fragment)

A0A1	OS=Mus								
C7CY	musculus	53	28	42	28	629	70.6	5.62	304509931

V0 OX=10090

GN=Pls3 PE=1

SV=1

	T-complex								
	protein	1							
	subunit	alpha							
P1198	OS=Mus	62	26	34	26	556	60.4	6.16	451312312.8
3	musculus								
	OX=10090								
	GN=Tcp1	PE=1							
	SV=3								
	Tubulin								
	alpha-1C	chain							
P6837	OS=Mus								
3	musculus	64	22	36	1	449	49.9	5.1	6459024
	OX=10090								
	GN=Tuba1c								
	PE=1	SV=1							
Q3UX	FERM	48	35	46	1	586	69.4	6.1	2356900.75

R4	domain-containing protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Ezr PE=2								
	SV=1								
	Far upstream element-binding protein 2								
Q3U0	OS=Mus	45	29	36	27	748	76.7	7.33	404394302.6
V1	musculus								
	OX=10090								
	GN=Khsrp								
	PE=1 SV=2								
P8031	T-complex	56	23	40	22	541	59.6	6.02	482533335.1

6	protein	1							
	subunit epsilon								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Cct5	PE=1							
	SV=1								
	Tubulin beta-5								
	chain OS=Mus								
P9902	musculus	68	21	40	4	444	49.6	4.89	118667913.3
4	OX=10090								
	GN=Tubb5								
	PE=1	SV=1							
Q78P	Staphylococcal								
Y7	nuclease	42	30	36	30	910	102	7.43	167886634.2
	domain-contain								

ing protein 1

OS=Mus

musculus

OX=10090

GN=Snd1 PE=1

SV=1

Uncharacterize

d protein

(Fragment)

Q3U	OS=Mus	69	24	42	24	368	42.2	4.74	1169879793
WP8	musculus								
	OX=10090								
	GN=Calr PE=2								
	SV=1								
Q9CZ	Glycine--tRNA	40	25	34	25	729	81.8	6.65	649226034.5
D3	ligase OS=Mus								

musculus
 OX=10090
 GN=Gars1
 PE=1 SV=1
 MKIAA1027

protein
 (Fragment)

Q80T	OS=Mus	17	33	34	33	2564	272	6.27	92410945.94
------	--------	----	----	----	----	------	-----	------	-------------

M2
 musculus
 OX=10090
 GN=Tln1 PE=2
 SV=4
 Calcium-activat

Q3UD	ed neutral	46	31	36	31	713	82.1	5.87	189857884.3
------	------------	----	----	----	----	-----	------	------	-------------

G8
 proteinase 1
 OS=Mus

musculus

OX=10090

GN=Capn1

PE=2 SV=1

Ubiquitin-activa

ting enzyme E1

A0A1 OS=Mus

S6GW	musculus	33	27	34	27	1118	124.2	5.99	213499226.2
------	----------	----	----	----	----	------	-------	------	-------------

H5 OX=10090

GN=Uba1 PE=2

SV=1

Prostaglandin

G/H synthase 2

Q0576	OS=Mus	50	21	31	20	604	69	7.37	347901728.5
-------	--------	----	----	----	----	-----	----	------	-------------

9

musculus

OX=10090

	GN=Ptgs2 PE=1								
	SV=1								
	Glucose-6-phos								
	phate isomerase								
P0674	OS=Mus								
5	musculus	55	25	42	12	558	62.7	8.13	1360925902
	OX=10090								
	GN=Gpi PE=1								
	SV=4								
	Heterogeneous								
	nuclear								
Q7TM	ribonucleoprote								
K9	in Q OS=Mus	45	26	35	19	623	69.6	8.59	368931680.3
	musculus								
	OX=10090								
	GN=Syncrip								

PE=1 SV=2

Peptidyl-prolyl

cis-trans

isomerase

P3041	FKBP4 OS=Mus	61	28	44	28	458	51.5	5.72	709087575.9
6	musculus								

OX=10090

GN=Fkbp4

PE=1 SV=5

Alpha

glucosidase 2

alpha neutral

A1A4	subunit	38	27	33	27	966	109.3	6.15	82018103.44
T2									

OS=Mus

musculus

OX=10090

GN=Ganab

PE=2 SV=1

Tubulin beta-4B

chain OS=Mus

P6837	musculus	68	21	39	3	445	49.8	4.89	335471424.6
2	OX=10090								

GN=Tubb4b

PE=1 SV=1

Dolichyl-diphos

phooligosacchar

ide--protein

Q91Y	glycosyltransfer	55	27	36	27	608	68.5	6.46	341106010.6
Q5	ase subunit 1								

OS=Mus

musculus

OX=10090

	GN=Rpn1 PE=1								
	SV=1								
	RNA helicase								
	OS=Mus								
B9EK	musculus	52	28	38	27	661	73	7.18	380247910.6
E9	OX=10090								
	GN=Ddx3x								
	PE=2 SV=1								
	Myosin-9								
	OS=Mus								
Q8VD	musculus	20	37	39	37	1960	226.2	5.66	107066728.2
D5	OX=10090								
	GN=Myh9								
	PE=1 SV=4								
O0855	Dihydropyrimi	58	23	31	21	572	62.2	6.38	169275374.1
3	dinase-related								

protein 2

OS=Mus

musculus

OX=10090

GN=Dpysl2

PE=1 SV=2

Succinate

dehydrogenase

[ubiquinone]

flavoprotein

Q8K2	subunit,	53	27	34	27	664	72.5	7.37	228536579
B3	mitochondrial								

OS=Mus

musculus

OX=10090

GN=Sdha PE=1

SV=1

Perilipin-3

OS=Mus

Q9DB	musculus	67	16	23	16	437	47.2	5.62	115055629.9
G5	OX=10090								

GN=Plin3 PE=1

SV=1

Vinculin

OS=Mus

Q6472	musculus	38	36	41	36	1066	116.6	6	158591065.3
7	OX=10090								

GN=Vcl PE=1

SV=4

E9PW	Dihydropyrimi	53	25	30	23	683	73.8	6.46	233068969.4
E8	dinase-related								

	protein	3							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Dpysl3								
	PE=1 SV=1								
	Glutamyl-tRNA								
	synthetase								
	OS=Mus								
B9EIU	musculus	27	31	32	30	1512	169.9	7.59	75319151.75
1	OX=10090								
	GN=Eprs PE=2								
	SV=1								
	Uncharacterize								
Q8C2	d protein	50	24	32	19	589	65.3	5.11	349527887.3
E1	OS=Mus								

musculus

OX=10090

GN=Ppp2r1a

PE=2 SV=1

Cysteine--tRNA

ligase,

cytoplasmic

Q9ER	OS=Mus	49	32	34	22	831	94.8	6.76	178455748.7
------	--------	----	----	----	----	-----	------	------	-------------

72 musculus

OX=10090

GN=Cars1

PE=1 SV=2

Leukotriene A-4

P2452	hydrolase	45	22	29	22	611	69	6.42	136757389.3
-------	-----------	----	----	----	----	-----	----	------	-------------

7 OS=Mus

musculus

OX=10090

GN=Lta4h

PE=1 SV=4

Asparagine--tR

NA ligase

A0A4 OS=Mus

98WG	musculus	40	21	36	21	558	64.2	5.86	333684633.3
------	----------	----	----	----	----	-----	------	------	-------------

K2 OX=10090

GN=Nars PE=1

SV=1

V-type proton

ATPase

P5051	catalytic	49	23	28	23	617	68.3	5.58	126606594.6
-------	-----------	----	----	----	----	-----	------	------	-------------

6 subunit A

OS=Mus

musculus

OX=10090

GN=Atp6v1a

PE=1 SV=2

SUMO-activatin

g enzyme

subunit 2

Q9Z1	OS=Mus	45	22	30	22	638	70.5	5.24	163140898.5
F9	musculus								

OX=10090

GN=Uba2 PE=1

SV=1

Heterogeneous

nuclear

Q3TU	ribonucleoprote	54	21	40	1	463	51	5.54	5054515
A1	in K OS=Mus								
	musculus								

OX=10090

GN=Hnrnpk

PE=2 SV=1

GMP synthase

[glutamine-hydrolyzing]

Q3TH	OS=Mus	48	25	29	25	693	76.7	6.73	130322920.1
K7	musculus								

OX=10090

GN=Gmps

PE=1 SV=2

Glutamate

dehydrogenase

P2644	1,	49	24	30	24	558	61.3	8	147665553.4
3	mitochondrial								

OS=Mus

musculus
 OX=10090
 GN=Glud1
 PE=1 SV=1
 Inosine-5'-mono
 phosphate
 dehydrogenase

Q3U9	OS=Mus	55	21	28	20	514	55.7	7.28	167473829.3
------	--------	----	----	----	----	-----	------	------	-------------

N8
 musculus
 OX=10090
 GN=Impdh2
 PE=2 SV=1
 Ubiquitin

E9PYI	carboxyl-termin	64	25	29	25	458	52.3	5.66	154786729.7
-------	-----------------	----	----	----	----	-----	------	------	-------------

8
 al hydrolase
 OS=Mus

	musculus								
	OX=10090								
	GN=Usp14								
	PE=1 SV=1								
	Cytoskeleton-associated protein								
Q8BM	4 OS=Mus								
K4	musculus	47	25	37	25	575	63.7	5.64	374978690.3
	OX=10090								
	GN=Ckap4								
	PE=1 SV=2								
	Lon protease homolog,								
Q8CG	mitochondrial	31	23	27	23	949	105.8	6.57	142543839.7
K3	OS=Mus								
	musculus								

	OX=10090								
	GN=Lonp1								
	PE=1 SV=2								
	AP-2 complex								
	subunit alpha								
Q6PE	OS=Mus								
E6	musculus	38	25	29	17	938	103.9	6.83	118470516.3
	OX=10090								
	GN=Ap2a2								
	PE=2 SV=1								
	ATP-dependent								
	RNA helicase								
Q91V	DDX1 OS=Mus								
R5	musculus	48	29	34	29	740	82.4	7.21	152549843.4
	OX=10090								
	GN=Ddx1 PE=1								

SV=1

Trifunctional
enzyme subunit
alpha,
mitochondrial

Q8BM
S1

OS=Mus 47 25 27 25 763 82.6 9.14 203117095.9

musculus

OX=10090

GN=Hadha

PE=1 SV=1

Lysine--tRNA

ligase OS=Mus

Q8CF
K5

musculus 48 26 30 26 622 71 6.43 346639528.2

OX=10090

GN=Kars PE=2

SV=1

	Phosphoenolpyruvate carboxykinase (GTP) OS=Mus musculus								
A0A0R4J0G0		46	23	32	2	667	73.4	7.74	275709806.4
	OX=10090								
	GN=Pck2 PE=1								
	SV=1								
	WD								
	repeat-containing protein 1								
O88342	OS=Mus musculus	58	23	29	23	606	66.4	6.6	227095494.3
	OX=10090								
	GN=Wdr1 PE=1								
	SV=3								

Protein									
transport									
protein SEC23									
Q3TY	OS=Mus	34	19	25	17	767	86.4	6.96	129964095.4
S4	musculus								
	OX=10090								
	GN=Sec23b								
	PE=2 SV=1								
	Methionine--tR								
	NA ligase,								
	cytoplasmic								
E9QB	OS=Mus	34	23	27	23	910	102.3	6.92	118181199.6
02	musculus								
	OX=10090								
	GN=Mars1								
	PE=1 SV=1								

	Aldehyde dehydrogenase, mitochondrial								
P4773 8	OS=Mus musculus OX=10090 GN=Aldh2 PE=1 SV=1	49	19	25	18	519	56.5	7.62	562652290.3
Q8R0 86	Sulfite oxidase, mitochondrial OS=Mus musculus OX=10090 GN=Suox PE=1 SV=2	51	19	26	19	546	60.7	6.54	203607726.2
Q8C1	Uncharacterize	46	23	27	21	675	74.3	8.6	101952706.5

40	d protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Slc25a13								
	PE=2 SV=1								
	Coatomer								
	subunit								
	gamma-1								
Q9QZ	OS=Mus	42	26	29	23	874	97.5	5.35	126592254
E5	musculus								
	OX=10090								
	GN=Copg1								
	PE=1 SV=1								
P0680	NADP-depende	55	22	30	22	572	63.9	7.44	162208991.5
1	nt malic								

	enzyme								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Me1 PE=1								
	SV=2								
	Importin-5								
	OS=Mus								
Q8BK	musculus	30	24	26	24	1097	123.5	4.93	93914206.72
C5	OX=10090								
	GN=Ipo5 PE=1								
	SV=3								
	Succinyl-CoA:3-								
Q9D0	ketoacid	47	17	23	17	520	56	8.53	170977040.5
K2	coenzyme A								
	transferase 1,								

mitochondrial

OS=Mus

musculus

OX=10090

GN=Oxct1

PE=1 SV=1

Polyadenylate-b

inding protein 1

P2934
1

OS=Mus

musculus

39

26

46

17

636

70.6

9.5

474108285.3

OX=10090

GN=Pabpc1

PE=1 SV=2

Q6175
3

D-3-phosphogly

cerate

40

20

33

20

533

56.5

6.54

753873814.6

dehydrogenase

	OS=Mus								
	musculus								
	OX=10090								
	GN=Phgdh								
	PE=1 SV=3								
	MICOS								
	complex								
	subunit MIC60								
A0A0	OS=Mus								
U1RP	musculus	61	25	34	1	488	53.7	8.66	21340800
81	OX=10090								
	GN=Immt PE=1								
	SV=1								
	Actin-depolyme								
Q6PA	rizing factor	32	22	30	1	731	80.7	5.76	357174277.3
C1	OS=Mus								

musculus

OX=10090

GN=Gsn PE=2

SV=1

Seryl-tRNA

synthetase

OS=Mus

Q8C4

musculus	46	21	31	21	536	61.1	7.43	432647331.1
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83

OX=10090

GN=Sars PE=1

SV=1

Glutaminyl-tRN

A synthetase

D3Z1

OS=Mus	40	25	32	16	751	85	7.3	112926431.4
--------	----	----	----	----	-----	----	-----	-------------

58

musculus

OX=10090

	GN=Qars	PE=1							
	SV=2								
	Prolyl								
	endopeptidase								
Q3TC	OS=Mus								
S0	musculus	45	23	27	23	710	80.6	5.67	63502266.13
	OX=10090								
	GN=Prep	PE=2							
	SV=1								
	DNA								
	replication								
	licensing factor								
Q9D0	MCM4 OS=Mus	33	23	28	23	862	96.7	7.31	103482856
77	musculus								
	OX=10090								
	GN=Mcm4								

PE=2 SV=1

Eukaryotic

translation

initiation factor

3 subunit L

Q8QZ

OS=Mus 47 23 27 23 564 66.6 6.44 116434113.1

Y1

musculus

OX=10090

GN=Eif3l PE=1

SV=1

Exportin-2

OS=Mus

Q9ER

musculus 36 26 28 26 971 110.4 5.77 68265968.06

K4

OX=10090

GN=Cse1l PE=1

SV=1

	Hexokinase-2									
	OS=Mus									
O0852	musculus	37	28	31	25	917	102.5	6.11	153629783.8	
8	OX=10090									
	GN=Hk2 PE=1									
	SV=1									
	Eukaryotic									
	translation									
	initiation factor									
	4, gamma 2									
A0JN	OS=Mus	36	27	31	27	906	102.1	7.14	133318450.2	
Y7	musculus									
	OX=10090									
	GN=Eif4g2									
	PE=2 SV=1									
P4872	Heat shock	70	37	26	31	25	838	94.3	5.74	196019994.3

2	kDa protein 4L								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Hspa4l								
	PE=1 SV=2								
	Uncharacterize								
	d protein								
Q3TX	OS=Mus								
E5	musculus	36	24	31	24	591	67.2	4.65	617011086.1
	OX=10090								
	GN=Canx PE=2								
	SV=1								
Q3TG	Actin-depolyme								
J9	rizing factor	33	22	30	1	731	80.8	5.69	1744324.375
	OS=Mus								

musculus

OX=10090

GN=Gsn PE=2

SV=1

Glutaminase

kidney isoform,

mitochondrial

D3Z7	OS=Mus	40	18	25	17	674	73.9	7.99	162913948.8
------	--------	----	----	----	----	-----	------	------	-------------

P3	musculus
----	----------

OX=10090

GN=Gls PE=1

SV=1

Deoxynucleosid

Q6071	e triphosphate	46	27	31	27	658	75.8	7.93	150828868.9
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0	triphosphohydr
---	----------------

olase SAMHD1

OS=Mus
 musculus
 OX=10090
 GN=Samhd1
 PE=1 SV=3
 Tubulin--tyrosi
 ne ligase-like
 protein 12

Q3UD	OS=Mus								
E2	musculus	44	21	27	21	639	74	5.63	94841755.06
	OX=10090								
	GN=Ttl12								
	PE=1 SV=1								
Q9CP	Cytosol								
Y7	aminopeptidase	46	19	29	19	519	56.1	7.72	287059200.6
	OS=Mus								

	musculus								
	OX=10090								
	GN=Lap3 PE=1								
	SV=3								
	Heterogeneous								
	nuclear								
	ribonucleoprote								
B2M1	in K OS=Mus	51	21	39	1	440	48.5	5.54	971225641.9
R6	musculus								
	OX=10090								
	GN=Hnrnpk								
	PE=1 SV=1								
	DNA								
Q3UL	replication	37	26	29	26	794	89.7	5.9	169740876.3
G5	licensing factor								
	MCM6 OS=Mus								

musculus
 OX=10090
 GN=Mcm6
 PE=1 SV=1
 Cold shock
 domain-contain
 ing protein E1

Q91W	OS=Mus	37	25	27	25	798	88.7	6.37	134349942.7
50	musculus								
	OX=10090								
	GN=Csde1								
	PE=1 SV=1								
	Tubulin beta-2A								
Q7TM	chain OS=Mus	46	15	31	1	445	49.9	4.89	2466414.5
M9	musculus								
	OX=10090								

GN=Tubb2a

PE=1 SV=1

Signal

recognition

particle subunit

Q8BM	SRP68 OS=Mus	38	23	29	23	625	70.5	8.57	132505172.1
A6	musculus								

OX=10090

GN=Srp68

PE=1 SV=2

Phosphoenolpy

ruvate

Q3TD	carboxykinase	45	22	30	1	640	70.3	7.09	980238
E6	(GTP) OS=Mus								

musculus

OX=10090

GN=Pck2 PE=2

SV=1

Ubiquitin

carboxyl-termin
al hydrolase 5

P5639	OS=Mus	31	21	28	21	858	95.8	5.01	133841694.9
9	musculus								

OX=10090

GN=Usp5 PE=1

SV=1

Caldesmon 1

OS=Mus

Q8VC	musculus	44	27	32	27	530	60.4	7.37	531502747.1
Q8	OX=10090								

GN=Cald1

PE=1 SV=1

	Coatomer									
	subunit	beta								
Q9JIF	OS=Mus									
7	musculus	35	25	30	25	953	107	6	89772286.5	
	OX=10090									
	GN=Copb1									
	PE=1 SV=1									
	Signal									
	recognition									
	particle subunit									
F8VQ	SRP72 OS=Mus									
C1	musculus	39	21	22	21	671	74.6	9.23	146873288.8	
	OX=10090									
	GN=Srp72									
	PE=1 SV=1									
Q3TS	Uncharacterize	51	14	22	7	375	41.7	5.38	236741850.8	

B7	d protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Actg1								
	PE=2 SV=1								
	Radixin								
	OS=Mus								
P2604	musculus	41	28	33	16	583	68.5	6.2	151496161.3
3	OX=10090								
	GN=Rdx PE=1								
	SV=3								
	Env polyprotein								
Q0458	OS=Mus	29	15	23	15	669	73.7	8.24	222037796.5
6	musculus								
	OX=10090								

	GN=Mela	PE=2							
	SV=1								
	N-alpha-acetyl								
	ransferase	15,							
	NatA	auxiliary							
G3X8	subunit								
Y3	OS=Mus	31	27	33	27	865	101	7.52	149190716.1
	musculus								
	OX=10090								
	GN=Naa15								
	PE=1	SV=1							
	Uncharacterize								
Q3T	d	protein							
W40	OS=Mus	45	31	33	31	690	73.7	8.75	209640627
	musculus								
	OX=10090								

GN=Hnrnrm

PE=2 SV=1

Filamin-C

OS=Mus

Q8VH	musculus	13	26	26	19	2726	290.9	5.95	35969108.19
X6	OX=10090								

GN=Flnc PE=1

SV=3

Interferon-induced protein with
tetra-tryptophan repeats

Q6428	e repeats 1	50	17	20	17	463	53.7	7.52	69822159.06
2	OS=Mus								

musculus

OX=10090

GN=Ifit1 PE=1

SV=2

Prostaglandin

G/H synthase 1

OS=Mus

P2243

musculus

34

15

22

14

602

69

6.83

250255275.4

7

OX=10090

GN=Ptgs1 PE=1

SV=1

Mitochondrial

proton/calcium

exchanger

Q9Z2I

protein

35

19

22

19

738

82.9

6.52

120816909.3

0

OS=Mus

musculus

OX=10090

GN=Letm1

PE=1 SV=1

EH

domain-contain
ing protein 2

Q8BH 64	OS=Mus musculus	48	18	23	16	543	61.1	6.51	83146988.16
------------	--------------------	----	----	----	----	-----	------	------	-------------

OX=10090

GN=Ehd2 PE=1

SV=1

ATP synthase
subunit beta,

P5648 0	mitochondrial OS=Mus musculus	53	18	20	18	529	56.3	5.34	103419858.5
------------	-------------------------------------	----	----	----	----	-----	------	------	-------------

OX=10090

GN=Atp5f1b

PE=1 SV=2

Alpha-enolase

OS=Mus

P1718	musculus	49	14	21	14	434	47.1	6.8	114674624.4
2	OX=10090								

GN=Eno1 PE=1

SV=3

Eukaryotic

translation

initiation factor

3 subunit D

O7019	OS=Mus	41	14	18	14	548	63.9	6.05	117372826.8
4	musculus								

OX=10090

GN=Eif3d PE=1

SV=2

	Dipeptidyl								
	peptidase	3							
Q99K	OS=Mus								
K7	musculus	34	19	23	19	738	82.8	5.38	113761403.4
	OX=10090								
	GN=Dpp3 PE=1								
	SV=2								
	Filamin-B								
	OS=Mus								
Q80X	musculus	12	25	27	19	2602	277.7	5.71	29303427.91
90	OX=10090								
	GN=Flnb PE=1								
	SV=3								
Q8R1	ERO1-like								
80	protein alpha	44	17	22	6	464	54.1	6.54	375351361.9
	OS=Mus								

musculus

OX=10090

GN=Ero1a

PE=1 SV=2

Apoptosis-indu

cing factor 1,

mitochondrial

B1AU	OS=Mus	38	18	23	18	608	66.1	9.11	153059115.1
------	--------	----	----	----	----	-----	------	------	-------------

25

musculus

OX=10090

GN=Aifm1

PE=1 SV=1

Dihydrolipoyl

O0874	dehydrogenase,	40	14	22	14	509	54.2	7.9	304713210.2
-------	----------------	----	----	----	----	-----	------	-----	-------------

9

mitochondrial

OS=Mus

	musculus								
	OX=10090								
	GN=Dld PE=1								
	SV=2								
	Atlastin-3								
	OS=Mus								
Q91Y	musculus	48	20	23	19	541	60.5	6.1	81786787.44
H5	OX=10090								
	GN=Atl3 PE=1								
	SV=1								
	Leucyl-tRNA								
	synthetase								
Q6ZP	(Fragment)	23	24	27	24	1210	137.7	7.3	80339986.69
T2	OS=Mus								
	musculus								
	OX=10090								

	GN=Lars	PE=2							
	SV=1								
	Pgm2	protein							
	(Fragment)								
Q66JR	OS=Mus								
7	musculus	47	23	24	23	590	64.1	6.76	132025771.9
	OX=10090								
	GN=Pgm1								
	PE=2	SV=1							
	Non-specific								
	serine/threonin								
	e protein kinase								
A7E2	(Fragment)	39	21	25	20	741	83.6	6.89	78452671.69
15	OS=Mus								
	musculus								
	OX=10090								

GN=Rps6ka3

PE=2 SV=1

Phenylalanine--

tRNA ligase

alpha subunit

Q8C0	OS=Mus	37	16	21	16	508	57.6	8.28	130222007.7
C7	musculus								

OX=10090

GN=Farsa PE=1

SV=1

Cullin-1

OS=Mus

Q9W	musculus	37	25	28	25	776	89.6	8	63616163.94
TX6	OX=10090								

GN=Cul1 PE=1

SV=1

Coiled-coil
 domain-contain
 ing protein 22

Q9JIG	OS=Mus	44	20	22	20	627	70.8	6.01	53363508.75
7	musculus								
	OX=10090								
	GN=Ccdc22								
	PE=1 SV=1								
	AP complex								
	subunit beta								
Q5SW	OS=Mus								
R1	musculus	27	22	23	14	951	105.7	5.34	59362200.38
	OX=10090								
	GN=Ap2b1								
	PE=2 SV=1								

	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial								
Q91V		41	23	26	23	727	79.7	5.72	123936113.8
D9	OS=Mus musculus OX=10090 GN=Ndufs1 PE=1 SV=2 Glyceraldehyde-3-phosphate dehydrogenase								
A0A0									
A0M	OS=Mus musculus OX=10090	47	13	28	2	359	38.6	8.97	181570601.8
QF6									

	GN=Gapdh								
	PE=1 SV=1								
	Kinesin light								
	chain OS=Mus								
Q5UE	musculus	39	18	20	10	542	61.6	5.76	78055133.44
59	OX=10090								
	GN=Klc1 PE=1								
	SV=1								
	DNA								
	replication								
	licensing factor								
P2520	MCM3 OS=Mus	32	21	25	21	812	91.5	5.55	102369299.3
6	musculus								
	OX=10090								
	GN=Mcm3								
	PE=1 SV=2								

	CTP synthase 1								
	OS=Mus								
P7069	musculus	38	19	23	17	591	66.6	6.58	156991933.6
8	OX=10090								
	GN=Ctps1								
	PE=1 SV=2								
	Importin								
	subunit alpha-1								
	OS=Mus								
P5229	musculus	37	12	15	12	529	57.9	5.68	40398188.47
3	OX=10090								
	GN=Kpna2								
	PE=1 SV=2								
	Pre-mRNA-spli								
O3528	cing factor	31	22	25	22	795	90.9	7.46	119690452.5
6	ATP-dependent								

	RNA helicase									
	DHX15									
	OS=Mus									
	musculus									
	OX=10090									
	GN=Dhx15									
	PE=1 SV=2									
	Nicotinamide									
	phosphoribosylt									
	ransferase									
Q99K	OS=Mus	50	19	23	19	491	55.4	7.15	115659182.8	
Q4	musculus									
	OX=10090									
	GN=Nampt									
	PE=1 SV=1									
B7U5	Heat shock	22	17	39	2	633	69.7	5.68	34206410.83	

82	protein	70-2								
	OS=Mus									
	musculus									
	OX=10090	PE=3								
	SV=1									
	Glyceraldehyde									
	-3-phosphate									
	dehydrogenase									
A0A1	OS=Mus									
D5RL	musculus	48	12	19	1	333	35.8	8.25		36022048
D8	OX=10090									
	GN=Gm10358									
	PE=1	SV=1								
Q5U2	DEAD	box								
22	protein	5 36	26	34	19	648	72.9	9		495935942.2
	(Fragment)									

OS=Mus
 musculus
 OX=10090
 GN=Ddx5 PE=2
 SV=1
 EH-domain
 containing 4
 (Fragment)

Q1M	OS=Mus								
WP9	musculus	47	23	26	20	544	61.8	6.76	69322048.41
	OX=10090								
	GN=Ehd4 PE=2								
	SV=1								
Q922F	Tubulin beta-6								
4	chain OS=Mus	48	15	22	8	447	50.1	4.89	24399623.53
	musculus								

	OX=10090								
	GN=Tubb6								
	PE=1 SV=1								
	Eukaryotic								
	translation								
	initiation factor								
	3 subunit A								
P2311	OS=Mus	22	29	32	29	1344	161.8	6.77	71872456.42
6	musculus								
	OX=10090								
	GN=Eif3a PE=1								
	SV=5								
	Asparagine								
Q6102	synthetase	39	17	21	17	561	64.2	6.58	162711035.1
4	[glutamine-hyd								
	rolyzing]								

OS=Mus
 musculus
 OX=10090
 GN=Asns PE=1
 SV=3
 Histidine--tRN
 A ligase,
 cytoplasmic

Q8C2	OS=Mus	39	18	22	18	509	57.4	5.85	178620373.6
D1	musculus								
	OX=10090								
	GN=Hars PE=2								
	SV=1								
P6219	26S proteasome								
2	regulatory	53	19	32	19	440	49.2	6.21	202813310.8
	subunit	4							

OS=Mus
 musculus
 OX=10090
 GN=Psmc1
 PE=1 SV=1
 Glutamine--fruc
 tose-6-phosphat
 e
 aminotransferas

P4785	e [isomerizing]	37	19	20	19	697	78.5	6.84	45667857.91
6	1 OS=Mus								

musculus
 OX=10090
 GN=Gfpt1
 PE=1 SV=3

Q6121	Protease	25	18	21	2	827	91.6	9.29	298948745.9
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3 OS=Mus
 musculus
 OX=10090
 GN=gag PE=2
 SV=1
 Heat shock 70
 kDa protein 4
 (Fragment)

Q571	OS=Mus	23	17	22	16	930	103.2	5.88	58581582.81
M2	musculus								
	OX=10090								
	GN=Hspa4								
	PE=2 SV=1								
Q9C	Sorting nexin-2								
WK8	OS=Mus	39	19	24	17	519	58.4	5.12	111143197.2
	musculus								

	OX=10090								
	GN=Snx2 PE=1								
	SV=2								
	Polyadenylate-b								
	inding protein								
A3KF	OS=Mus								
U5	musculus	38	22	33	16	631	69.4	9.57	102209461.5
	OX=10090								
	GN=Pabpc4								
	PE=1 SV=1								
	SH3								
	domain-contain								
Q8R5	ing	33	17	21	1	709	78.1	7.55	66068798.31
50	kinase-binding								
	protein	1							
	OS=Mus								

	musculus								
	OX=10090								
	GN=Sh3kbp1								
	PE=1 SV=1								
	Ras								
	GTPase-activati								
	ng-like protein								
	IQGAP1								
Q9JK	OS=Mus	17	20	20	20	1657	188.6	6.48	40017088.06
F1	musculus								
	OX=10090								
	GN=Iqgap1								
	PE=1 SV=2								
	NAD-dependen								
Q99K	t malic enzyme,	36	15	20	15	589	65.8	7.61	88256583.5
E1	mitochondrial								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Me2 PE=1								
	SV=1								
	Phospholipase								
	A2 OS=Mus								
Q9DB	musculus	25	18	24	18	740	84.2	5.43	123649150
X5	OX=10090								
	GN=Pla2g4a								
	PE=1 SV=1								
	Alpha-1,4								
	glucan								
Q3UY	phosphorylase	30	20	22	20	843	96.7	6.73	59910753.22
H9	OS=Mus								
	musculus								

	OX=10090								
	GN=Pygb PE=2								
	SV=1								
	NEDD8-activati								
	ng enzyme E1								
	regulatory								
	subunit								
Q8VB	OS=Mus	41	16	20	16	534	60.2	5.52	71069428.91
W6	musculus								
	OX=10090								
	GN=Nae1 PE=1								
	SV=1								
	Prelamin-A/C								
P4867	OS=Mus	36	25	26	25	665	74.2	6.98	160267632.5
8	musculus								
	OX=10090								

	GN=Lmna									
	PE=1 SV=2									
	Glucose-6-phos									
	phate									
	1-dehydrogenas									
Q3TN	e OS=Mus	44	23	25	23	515	59.2	6.38	118952010.3	
L1	musculus									
	OX=10090									
	GN=G6pdx									
	PE=2 SV=1									
	Heat shock									
	protein 105 kDa									
Q6169	OS=Mus	28	17	18	17	858	96.3	5.53	71537757.66	
9	musculus									
	OX=10090									
	GN=Hsph1									

	PE=1 SV=2								
	Leucine-rich								
	PPR								
	motif-contains								
	g protein,								
Q6PB	mitochondrial	19	24	24	24	1392	156.5	6.83	48496758.97
66	OS=Mus								
	musculus								
	OX=10090								
	GN=Lrpprc								
	PE=1 SV=2								
	Aminopeptidase								
Q8VC	e B OS=Mus								
T3	musculus	35	16	19	16	650	72.4	5.35	56146068.47
	OX=10090								
	GN=Rnpep								

	PE=1 SV=2								
	Probable								
	ATP-dependent								
	RNA helicase								
	DDX17								
Q501J	OS=Mus	40	23	29	16	650	72.4	8.59	73986235.13
6	musculus								
	OX=10090								
	GN=Ddx17								
	PE=1 SV=1								
	Caveolae-associated protein 2								
Q6391	OS=Mus	48	17	21	17	418	46.7	5.21	229755820.6
8	musculus								
	OX=10090								
	GN=Cavin2								

PE=1 SV=3

Transcription

intermediary

factor 1-beta

Q6231	OS=Mus	29	18	28	18	834	88.8	5.77	69197402.03
8	musculus								

OX=10090

GN=Trim28

PE=1 SV=3

Rab GDP

dissociation

inhibitor alpha

P5039	OS=Mus	47	14	16	12	447	50.5	5.08	41642069.5
6	musculus								

OX=10090

GN=Gdi1 PE=1

SV=3

Nucleobindin-1

OS=Mus

Q0281	musculus	36	14	19	14	459	53.4	5.07	121093885.9
9	OX=10090								

GN=Nucb1

PE=1 SV=2

SH3

domain-contain
ing protein

Q3U2	OS=Mus	27	19	20	19	847	94.4	7.46	93986515.13
Z5	musculus								

OX=10090

GN=Eps8 PE=2

SV=1

	Transportin-1								
	OS=Mus								
Q8BF	musculus	28	20	21	17	898	102.3	4.98	111987515
Y9	OX=10090								
	GN=Tnp01								
	PE=1 SV=2								
	Far upstream								
	element-bindin								
	g protein 1								
A0A0	OS=Mus								
G2JG	musculus	39	18	21	14	643	67.5	7.61	202066055.7
W9	OX=10090								
	GN=Fubp1								
	PE=1 SV=1								
G3UV	Hexokinase	24	19	21	16	917	101.8	6.67	55812977.56
V4	OS=Mus								

musculus

OX=10090

GN=Hk1 PE=1

SV=1

Catenin delta-1

OS=Mus

P3099	musculus	27	21	22	1	938	104.9	6.87	1309041.875
9	OX=10090								

GN=Ctnnd1

PE=1 SV=2

Lysosomal acid

glucosylcerami

P1743	dase OS=Mus	41	15	19	15	515	57.6	7.75	95058504.22
9	musculus								

OX=10090

GN=Gba PE=1

	SV=1								
	26S proteasome								
	non-ATPase								
	regulatory								
	subunit	3							
P1468	OS=Mus	38	20	22	20	530	60.7	8.44	116124719.9
5	musculus								
	OX=10090								
	GN=Psm3								
	PE=1 SV=3								
	Exportin-T								
A0A1	OS=Mus								
W2P7	musculus	21	16	20	16	962	109.7	5.31	34529000.09
Q6	OX=10090								
	GN=Xpot PE=1								
	SV=1								

	Cullin-3								
	OS=Mus								
Q9JL	musculus	25	18	19	17	768	88.9	8.46	59923428.72
V5	OX=10090								
	GN=Cul3 PE=1								
	SV=1								
	Mannosyl-oligo								
	saccharide								
	glucosidase								
Q80U	OS=Mus	26	16	20	16	834	91.8	9	80938836
M7	musculus								
	OX=10090								
	GN=Mogs PE=1								
	SV=1								
Q8R1	Cytoplasmic	54	18	21	17	523	56.6	6.42	66163606.44
Q8	dynein 1 light								

	intermediate								
	chain	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Dync1li1								
	PE=1 SV=1								
	Catalase								
	OS=Mus								
Q3TV	musculus								
Z1	OX=10090	42	18	22	18	527	59.7	7.88	138072180.5
	GN=Cat								
	PE=2								
	SV=1								
	Hypoxia								
Q9JK	up-regulated	21	16	18	16	999	111.1	5.19	26819531.5
R6	protein	1							

OS=Mus
 musculus
 OX=10090
 GN=Hyou1
 PE=1 SV=1
 Phenylalanyl-tR
 NA synthetase
 beta subunit

Q9CZ	OS=Mus	38	20	23	20	589	65.6	7.11	209317618.7
U5	musculus								
	OX=10090								
	GN=Farsb PE=2								
	SV=1								
Q9EQ	Major vault								
K5	protein	26	18	26	18	861	95.9	5.59	60294295.64
	OS=Mus								

musculus

OX=10090

GN=Mvp PE=1

SV=4

Catenin delta-1

OS=Mus

E9Q8	musculus	27	21	22	1	940	104.9	6.28	41890777.77
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Z5 OX=10090

GN=Ctnnd1

PE=1 SV=1

Serine/threonin

e-protein

H3BK	phosphatase 2A	30	15	18	10	667	73.3	5.2	10994851.88
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U1 65 kDa

regulatory

subunit A beta

isoform
 OS=Mus
 musculus
 OX=10090
 GN=Ppp2r1b
 PE=1 SV=1
 Pentatricopepti
 de repeat
 domain-contain
 ing protein 3,

Q14C	mitochondrial	30	16	18	16	685	77.7	5.88	42074265.28
51	OS=Mus								

musculus
 OX=10090
 GN=Ptcd3 PE=1
 SV=2

	Elongation factor G, mitochondrial								
Q8K0	OS=Mus	32	19	21	19	751	83.5	6.92	77957508.81
D5	musculus								
	OX=10090								
	GN=Gfm1 PE=1								
	SV=1								
	AP-1 complex								
	subunit gamma								
Q8CB	OS=Mus								
B7	musculus	22	17	21	17	825	91.7	6.8	60673081.91
	OX=10090								
	GN=Ap1g1								
	PE=1 SV=1								

	Monofunctional								
	C1-tetrahydrofo								
	late synthase,								
	mitochondrial								
Q3V3	OS=Mus	24	21	22	21	977	105.7	7.02	69944758.5
R1	musculus								
	OX=10090								
	GN=Mthfd11								
	PE=1 SV=2								
	AP-2 complex								
	subunit alpha-1								
P1742	OS=Mus								
6	musculus	28	23	24	15	977	107.6	7.03	25228336
	OX=10090								
	GN=Ap2a1								
	PE=1 SV=1								

	UDP-N-acetyl									
	exosamine									
	pyrophosphoryl									
	ase-like protein									
Q3T	1	OS=Mus	37	18	23	17	507	56.6	5.43	267680628.9
W96										
	musculus									
	OX=10090									
	GN=Uap111									
	PE=1 SV=1									
	Dihydrolipoylly									
	sine-residue									
	acetyltransferas									
Q8BM	e component of		25	11	17	11	642	67.9	8.57	164673166.1
F4	pyruvate									
	dehydrogenase									
	complex,									

	mitochondrial								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Dlat PE=1								
	SV=2								
	Plexin-B2								
	OS=Mus								
B2RX	musculus								
S4	OX=10090	15	21	22	21	1842	206.1	5.87	50020562.84
	GN=Plxnb2								
	PE=1 SV=1								
	RuvB-like	1							
P6012	OS=Mus								
2	musculus	43	15	17	15	456	50.2	6.42	89591808.31
	OX=10090								

GN=Ruvbl1

PE=1 SV=1

Alkylglycerone-
phosphate
synthase

A2AL	OS=Mus	27	13	16	13	671	74.3	7.66	62540839.25
50	musculus								

OX=10090

GN=Agps PE=1

SV=1

26S proteasome
non-ATPase

Q8BJ	regulatory	40	15	18	15	504	55.9	5.21	72795401
Y1	subunit	5							

OS=Mus
musculus

OX=10090

GN=Psmd5

PE=1 SV=4

Lanosterol

14-alpha

demethylase

Q8K0	OS=Mus	39	16	19	16	503	56.7	8.41	44078875.38
C4	musculus								

OX=10090

GN=Cyp51a1

PE=1 SV=1

4F2 cell-surface

antigen heavy

P1085	chain OS=Mus	29	14	22	14	526	58.3	5.91	237512329.7
2	musculus								

OX=10090

	GN=Slc3a2								
	PE=1 SV=1								
	Caveolae-associated protein 1								
O5472	OS=Mus								
4	musculus	36	12	20	12	392	43.9	5.52	277865413.9
	OX=10090								
	GN=Cavin1								
	PE=1 SV=1								
	Schlafen family member 9								
B1AR	OS=Mus								
D6	musculus	25	22	22	22	910	103.9	7.3	78528392.63
	OX=10090								
	GN=Slfn9 PE=2								
	SV=1								

	Xaa-Pro								
	aminopeptidase								
Q3UE	1 OS=Mus								
92	musculus	30	17	22	17	666	74.5	5.83	167445301.1
	OX=10090								
	GN=Xpnpep1								
	PE=1 SV=1								
	ERO1-like								
	protein alpha								
	(Fragment)								
A0A2	OS=Mus								
I3BP	musculus	55	12	16	1	229	26.7	8.63	1282953
M1	OX=10090								
	GN=Ero1a								
	PE=1 SV=1								
P5828	Dynamin-like	25	22	23	21	960	111.3	7.55	57745832.19

1	120	kDa								
	protein,									
	mitochondrial									
	OS=Mus									
	musculus									
	OX=10090									
	GN=Opa1 PE=1									
	SV=1									
	Glyco-gag									
	polyprotein									
A0A0	OS=Mus									
68F12	musculus	37	16	18	3	625	70	8.28		31072154.75
6	OX=10090 PE=4									
	SV=1									
Q7TP	Valine--tRNA									
T7	ligase OS=Mus	20	21	22	21	1263	140.1	7.77		55438875.78

	musculus									
	OX=10090									
	GN=Vars	PE=2								
	SV=1									
	Cytoplasmic									
	dynein									
	intermediate									
	chain 2 isoform									
D6Q0	2.2	OS=Mus	32	14	17	13	650	72.8	5.15	76203419.31
F6										
	musculus									
	OX=10090									
	GN=Dync1i2									
	PE=2	SV=1								
	Sorting nexin-9									
Q91V	OS=Mus		30	13	14	13	595	66.5	5.52	94054002.19
H2										
	musculus									

	OX=10090								
	GN=Snx9 PE=1								
	SV=1								
	Dynamin-2								
	OS=Mus								
P3905	musculus								
		27	23	23	1	870	98.1	7.43	82043739.44
4	OX=10090								
	GN=Dnm2								
	PE=1 SV=2								
	Nucleosome								
	assembly								
	protein 1-like 1								
Q8BS	OS=Mus	24	9	15	8	383	44.6	4.56	205964076.3
H9	musculus								
	OX=10090								
	GN=Nap11								

	PE=1 SV=1								
	ATP-binding								
	cassette								
	sub-family	F							
	member	2							
Q99L	OS=Mus	33	19	23	19	628	71.7	7.05	77857150.09
E6	musculus								
	OX=10090								
	GN=Abcf2								
	PE=1 SV=1								
	Kinesin light								
	chain OS=Mus								
D3YX	musculus	28	14	17	8	617	68.1	7.06	9872288.438
Z3	OX=10090								
	GN=Klc2 PE=1								
	SV=1								

P3523 5	Tyrosine-protein phosphatase non-receptor type 11	11							
	OS=Musculus musculus	35	19	23	19	593	68	7.3	85915793.16
	OX=10090								
	GN=Ptpn11								
	PE=1 SV=3								
Q9CY 58	Plasminogen activator inhibitor 1	1							
	RNA-binding protein	45	18	25	18	407	44.7	8.54	680958625.8
	OS=Musculus musculus								

	OX=10090								
	GN=Serbp1								
	PE=1 SV=2								
	Serine/threonin								
	e-protein kinase								
	PAK 2 OS=Mus								
Q8CI	musculus	48	20	22	17	524	57.9	5.77	85534593.25
N4	OX=10090								
	GN=Pak2 PE=1								
	SV=1								
	Cullin-associate								
	d								
Q6ZQ	NEDD8-dissoci	18	18	18	18	1230	136.2	5.78	42867501
38	ated protein 1								
	OS=Mus								
	musculus								

OX=10090

GN=Cand1

PE=1 SV=2

Thioredoxin

reductase 1,

cytoplasmic

Q9JM	OS=Mus	36	17	20	17	613	67	7.44	131724966.8
H6	musculus								

OX=10090

GN=Txnrd1

PE=1 SV=3

Gag protein

Q7TQ	OS=Mus								
39	musculus	35	18	19	5	586	65.4	8.75	48000861.88

OX=10090

GN=gag PE=4

	SV=1								
	IBB								
	domain-contain								
	ing protein								
	(Fragment)								
Q3UG	OS=Mus	29	11	13	8	621	67.9	5.4	51319504.25
H8	musculus								
	OX=10090								
	GN=Kpna4								
	PE=2 SV=1								
	Protein RCC2								
	OS=Mus								
Q8BK	musculus								
67	OX=10090	35	14	17	14	520	55.9	8.72	86499206.63
	GN=Rcc2 PE=1								
	SV=1								

	Ubiquilin-1								
	OS=Mus								
Q8R3	musculus	21	9	12	6	582	61.9	4.94	63027227.13
17	OX=10090								
	GN=Ubqln1								
	PE=1 SV=1								
	Elongation								
	factor 1-alpha 1								
	OS=Mus								
P1012	musculus	41	15	27	1	462	50.1	9.01	363887874.3
6	OX=10090								
	GN=Eef1a1								
	PE=1 SV=3								
	Uncharacterize								
Q3UE	d protein	29	13	14	13	608	68	6.49	44473782.06
06	OS=Mus								

	musculus								
	OX=10090								
	GN=Nploc4								
	PE=2 SV=1								
	Phosphoglucom								
	utase-2								
	OS=Mus								
Q7TS	musculus	32	16	18	16	620	68.7	6.14	57830865.94
V4	OX=10090								
	GN=Pgm2								
	PE=1 SV=1								
	Alanine--tRNA								
	ligase,								
Q14C	mitochondrial	19	15	16	15	980	106.7	6.18	25681913.88
H7	OS=Mus								
	musculus								

OX=10090

GN=Aars2

PE=1 SV=1

V-type proton

ATPase subunit

B, brain isoform

P6281	OS=Mus	34	13	17	10	511	56.5	5.81	50211783.75
4	musculus								

OX=10090

GN=Atp6v1b2

PE=1 SV=1

Unconventional

myosin-Ic

Q9W	OS=Mus	22	22	22	22	1063	121.9	9.35	34321820.47
TI7	musculus								

OX=10090

GN=Myo1c

PE=1 SV=2

Isoleucine--tRN

A ligase,

cytoplasmic

Q8BU	OS=Mus	20	22	24	22	1262	144.2	6.55	39660170.66
30	musculus								

OX=10090

GN=Iars1 PE=1

SV=2

Dynamin

GTPase

G3UZ	(Fragment)	27	22	22	1	807	91.6	8.19	1675821.125
Z3	OS=Mus								

musculus

OX=10090

	GN=Dnm2								
	PE=1 SV=1								
	Src substrate								
	cortactin								
Q6059	OS=Mus								
8	musculus	35	18	22	18	546	61.2	5.4	186880067.1
	OX=10090								
	GN=Cttn PE=1								
	SV=2								
	Plectin 4								
	OS=Mus								
Q6S39	musculus	7	28	29	28	4449	506.1	5.71	45073411.69
0	OX=10090								
	GN=Plec PE=2								
	SV=1								
A0JLT	Mybbp1a	17	16	19	16	1174	133.6	7.18	33116879.69

5	protein								
	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Mybbp1a								
	PE=2 SV=1								
	Very long-chain								
	specific								
	acyl-CoA								
	dehydrogenase,								
P5054	mitochondrial	31	15	16	15	656	70.8	8.75	46855939.13
4	OS=Mus								
	musculus								
	OX=10090								
	GN=Acadv1								

PE=1 SV=3

Glucose-6-phosphate isomerase

OS=Mus

B2RX

musculus

50

14

24

1

344

38.3

8.48

157468208

T5

OX=10090

GN=Gpi1 PE=2

SV=1

Protein

transport

protein SEC23

E9Q1

OS=Mus

27

14

15

12

736

82.9

7.46

44442687.13

S3

musculus

OX=10090

GN=Sec23a

PE=1 SV=1

Eukaryotic

translation

initiation factor

3 subunit B

Q8JZ

OS=Mus 28 16 16 16 803 91.3 5.02 42191559.94

Q9

musculus

OX=10090

GN=Eif3b PE=1

SV=1

Ras

GTPase-activati

P9785

ng 41 13 18 12 465 51.8 5.59 126782871

5

protein-binding

protein 1

OS=Mus

	musculus								
	OX=10090								
	GN=G3bp1								
	PE=1 SV=1								
	Drebrin-like								
	protein								
	OS=Mus								
Q6241	musculus	39	13	17	13	436	48.7	4.92	55664847.25
8	OX=10090								
	GN=Dbnl PE=1								
	SV=2								
	ATP-dependent								
	zinc								
O8896	metalloprotease	28	16	17	16	715	80	8.97	40894124.18
7	YME1L1								
	OS=Mus								

musculus

OX=10090

GN=Yme111

PE=1 SV=1

Guanine

nucleotide-bind

ing protein-like

Q8CI1	3	OS=Mus	36	14	15	14	538	60.7	9.11	34367612.75
1		musculus								

OX=10090

GN=Gnl3 PE=1

SV=2

Epidermal

Q99K	growth factor	30	15	15	15	729	82.2	7.18	51006386.88	
30	receptor kinase									
	substrate 8-like									

	protein	2							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Eps8l2								
	PE=1 SV=1								
	Neurolysin,								
	mitochondrial								
Q91Y	OS=Mus								
P2	musculus	32	17	21	17	704	80.4	6.44	69084197.5
	OX=10090								
	GN=Nln PE=1								
	SV=1								
A0A7	Capsid protein								
S8ZX	p30 OS=Mus	15	20	21	7	1734	193.9	8.97	189714430.6
C7	musculus								

OX=10090 PE=3

SV=1

Puromycin-sens
itive

aminopeptidase

Q1101	OS=Mus	24	19	20	19	920	103.3	5.9	80022968
1	musculus								

OX=10090

GN=Npepps

PE=1 SV=2

2-oxoglutarate
dehydrogenase,

Q6059	mitochondrial	25	19	19	13	1023	116.4	6.83	45864008.56
7	OS=Mus								

musculus

OX=10090

	GN=Ogdh								
	PE=1 SV=3								
	Ubiquitin-protein ligase E3A								
O0875	OS=Mus								
9	musculus	26	18	19	18	870	99.8	5.08	52497613.5
	OX=10090								
	GN=Ube3a								
	PE=1 SV=2								
	Elongation factor 1-alpha								
Q3UZ	OS=Mus								
Q3	musculus	41	15	27	1	462	50	9.01	541120.25
	OX=10090								
	GN=Eef1a1								
	PE=2 SV=1								

	DnaJ homolog								
	subfamily	C							
	member	2							
P5410	OS=Mus	27	14	17	14	621	71.7	8.7	35121886.31
3	musculus								
	OX=10090								
	GN=Dnajc2								
	PE=1 SV=2								
	RNA-splicing								
	ligase	RtcB							
	homolog								
Q99L	OS=Mus	46	19	19	19	505	55.2	7.23	71423429.13
F4	musculus								
	OX=10090								
	GN=RtcB PE=1								
	SV=1								

	Thimet								
	oligopeptidase								
A0A0	OS=Mus								
R4IZY	musculus	30	18	18	18	687	78	5.99	79393994.75
0	OX=10090								
	GN=Thop1								
	PE=1 SV=1								
	Importin-7								
	OS=Mus								
Q9EP	musculus	19	15	16	15	1038	119.4	4.82	95127180.69
L8	OX=10090								
	GN=Ipo7 PE=1								
	SV=2								
	ATPase family								
Q925I	AAA	30	18	21	18	591	66.7	9.29	101264158.8
1	domain-contain								

ing protein 3

OS=Mus

musculus

OX=10090

GN=Atad3

PE=1 SV=1

Uncharacterize

d protein

OS=Mus

Q3UL

musculus

25

15

19

15

800

87.8

6.33

93893794.16

H5

OX=10090

GN=Hnrnpu

PE=2 SV=1

Mitochondrial

Q9CZ

import receptor

31

16

20

16

611

67.5

7.53

64838556.27

W5

subunit TOM70

	OS=Mus								
	musculus								
	OX=10090								
	GN=Tomm70								
	PE=1 SV=2								
	Annexin A2								
	OS=Mus								
P0735	musculus								
6	OX=10090	39	14	17	14	339	38.7	7.69	74772996.84
	GN=Anxa2								
	PE=1 SV=2								
	Polynucleotide								
	phosphorylase 1								
Q3TS	OS=Mus	30	22	24	22	783	85.6	8.03	44282546.34
T0	musculus								
	OX=10090								

GN=Pnpt1

PE=2 SV=1

MKIAA0034

protein

(Fragment)

Q80U	OS=Mus	13	17	18	17	1684	192.4	5.6	39241952.34
89	musculus								

OX=10090

GN=mKIAA003

4 PE=3 SV=2

Leucine-rich

repeat-contains

Q505F	g protein 47	33	14	16	14	581	63.6	8.1	49618162.91
5	OS=Mus								

musculus

OX=10090

	GN=Lrrc47								
	PE=1 SV=1								
	Acyl-peptide								
	hydrolase								
	(Fragment)								
A0A0	OS=Mus								
R4J10	musculus	32	14	17	14	716	79.8	5.59	22659677.17
7	OX=10090								
	GN=Apeh PE=1								
	SV=1								
	DNA								
	replication								
Q3UK	licensing factor								
39	MCM2 OS=Mus	24	18	19	18	904	101.9	5.68	42656996.09
	musculus								
	OX=10090								

	GN=Mcm2								
	PE=2 SV=1								
	Long-chain-fatt								
	y-acid--CoA								
	ligase	5							
Q8JZ	OS=Mus	27	15	16	13	683	76.2	7.09	67891383.13
R0	musculus								
	OX=10090								
	GN=Acsl5 PE=1								
	SV=1								
	Procollagen-pro								
	line								
Q3UF	4-dioxygenase	34	15	17	4	561	63.8	5.9	61398103.94
16	OS=Mus								
	musculus								
	OX=10090								

GN=P4ha1

PE=2 SV=1

Fragile X

mental

retardation

syndrome-relate

Q6158	d protein	1	32	16	17	14	677	76.2	6.98	59783104.59
-------	-----------	---	----	----	----	----	-----	------	------	-------------

4

OS=Mus

musculus

OX=10090

GN=Fxr1 PE=1

SV=2

Sorting nexin-1

Q6NZ	OS=Mus		35	18	21	16	521	58.8	5.26	50149354.44
------	--------	--	----	----	----	----	-----	------	------	-------------

D2

musculus

OX=10090

	GN=Snx1 PE=1								
	SV=1								
	Coatomer								
	subunit								
	gamma-2								
Q9QX	OS=Mus	19	14	20	11	871	97.6	5.8	20475859.45
K3	musculus								
	OX=10090								
	GN=Copg2								
	PE=1 SV=1								
	Apoptosis								
	inhibitor	5							
O3584	OS=Mus	30	13	16	13	504	56.8	5.92	96769494.34
1	musculus								
	OX=10090								
	GN=Api5 PE=1								

SV=2

von Willebrand

factor A

domain-contain

ing protein 5A

Q99K

OS=Mus	25	15	15	15	793	87.1	6.58	46461935.13
--------	----	----	----	----	-----	------	------	-------------

C8

musculus

OX=10090

GN=Vwa5a

PE=1 SV=2

Procollagen-pro

line

Q5SX

4-dioxygenase

OS=Mus	37	15	15	15	537	61	5.9	42821874.25
--------	----	----	----	----	-----	----	-----	-------------

75

musculus

OX=10090

	GN=P4ha2								
	PE=1 SV=1								
	DnaJ homolog								
	subfamily C								
	member 10								
Q9DC	OS=Mus	23	15	16	15	793	90.5	6.96	75476105.69
23	musculus								
	OX=10090								
	GN=Dnajc10								
	PE=1 SV=2								
	Importin-4								
	OS=Mus								
Q8VI7	musculus	17	14	15	14	1082	119.2	5.03	19719615.63
5	OX=10090								
	GN=Ipo4 PE=1								
	SV=1								

Uridine
5'-monophosph
ate synthase

P1343 9	OS=Mus musculus OX=10090 GN=Umps PE=1 SV=3 Replication protein A subunit	35	12	16	12	481	52.3	6.61	53871905.13
Q5SW N2	OS=Mus musculus OX=10090 GN=Rpa1 PE=1 SV=2	25	17	18	17	644	71.4	8.18	57927817.34

	Complex I assembly factor ACAD9, mitochondrial								
Q8JZ N5	OS=Mus musculus OX=10090 GN=Acad9 PE=1 SV=2 Protein LYRIC OS=Mus	31	15	16	15	625	68.7	7.46	46190429
Q80W J7	musculus OX=10090 GN=Mtdh PE=1 SV=1	34	12	12	12	579	63.8	9.33	35344625.56
Q5XJ	Coatomer	35	19	21	19	511	57.2	6.21	122966751.9

Y5	subunit delta								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Arcn1								
	PE=1 SV=2								
	Uncharacterize								
	d protein								
	(Fragment)								
Q3UZ	OS=Mus	31	16	18	9	604	67.6	8.9	22929396.5
I0	musculus								
	OX=10090								
	GN=Hnrnpr								
	PE=2 SV=1								
E9Q9	Cytosolic	33	14	15	14	586	67.7	6.74	45583985.75
M1	purine								

5'-nucleotidase

OS=Mus

musculus

OX=10090

GN=Nt5c2

PE=1 SV=1

AHNAK

(Fragment)

OS=Mus

Q6UI

musculus

29

14

14

1

677

68.7

9.06

2373028

L4

OX=10090

GN=Ahnak

PE=4 SV=1

Transferrin

Q6235

receptor protein

23

16

16

16

763

85.7

6.57

68650543

1

1 OS=Mus

musculus

OX=10090

GN=Tfrc PE=1

SV=1

Methylmalonyl-

CoA mutase,

mitochondrial

P1633	OS=Mus	24	12	12	12	748	82.8	6.89	20670641.69
-------	--------	----	----	----	----	-----	------	------	-------------

2 musculus

OX=10090

GN=Mmut

PE=1 SV=2

1,4-alpha-gluca

Q9D6	n-branching	24	15	19	15	702	80.3	6.43	50428062.84
------	-------------	----	----	----	----	-----	------	------	-------------

Y9 enzyme

OS=Mus

musculus

OX=10090

GN=Gbe1 PE=1

SV=1

AAA

domain-contain

ing protein

Q3UD	OS=Mus	17	15	18	14	795	88.7	8.6	77295614.25
------	--------	----	----	----	----	-----	------	-----	-------------

Q7 musculus

OX=10090

GN=Afg3l2

PE=2 SV=1

Protein

Q3UP	transport	13	14	15	14	1230	133.5	6.76	23630758.25
------	-----------	----	----	----	----	------	-------	------	-------------

L0 protein Sec31A

OS=Mus

	musculus								
	OX=10090								
	GN=Sec31a								
	PE=1 SV=2								
	Lysosomal								
	alpha-glucosida								
P7069	se OS=Mus								
9	musculus	14	10	11	10	953	106.2	5.83	21015758.5
	OX=10090								
	GN=Gaa PE=1								
	SV=2								
	Glucosidase 2								
O0879	subunit beta								
5	OS=Mus	22	11	15	11	521	58.8	4.46	132321141.1
	musculus								
	OX=10090								

GN=Prkcsh

PE=1 SV=1

Isoleucine--tRN

A ligase,

mitochondrial

Q8BIJ	OS=Mus	17	12	13	12	1012	112.7	6.81	81428665.91
6	musculus								

OX=10090

GN=Iars2 PE=1

SV=1

Sec1 family

domain-contain

Q8BR	ing protein 1	28	12	14	12	639	72.3	6.38	44348220.19
F7	OS=Mus								

musculus

OX=10090

	GN=Scfd1 PE=1								
	SV=1								
	GDH/6PGL								
	endoplasmic								
	bifunctional								
	protein								
Q8CF	OS=Mus	20	13	15	13	789	88.9	6.93	35601365.38
X1	musculus								
	OX=10090								
	GN=H6pd								
	PE=1 SV=2								
	Tyrosine--tRNA								
	ligase,								
Q91W	cytoplasmic	37	18	19	18	528	59.1	7.01	69723017.16
Q3	OS=Mus								
	musculus								

OX=10090

GN=Yars1 PE=1

SV=3

Malate

dehydrogenase,

mitochondrial

P0824	OS=Mus	50	13	14	13	338	35.6	8.68	51225343.69
9	musculus								

OX=10090

GN=Mdh2

PE=1 SV=3

DNA

replication

P4971	licensing factor	27	20	20	20	734	82.4	8.29	81538011.63
8	MCM5 OS=Mus								

MCM5 OS=Mus

musculus

OX=10090

GN=Mcm5

PE=1 SV=2

AAA

domain-contain

ing protein

Q3TH	OS=Mus	43	12	12	12	404	45.2	5.53	36032167.38
I5	musculus								

OX=10090

GN=Psmc3

PE=2 SV=1

Coiled-coil

domain-contain

Q8R3	ing protein	93	37	17	18	2	503	58.4	8.84	59400220.5
S9	(Fragment)									

OS=Mus

	musculus								
	OX=10090								
	GN=Ccdc93								
	PE=2 SV=1								
	Lamina-associat								
	ed polypeptide								
	2, isoforms								
	alpha/zeta								
Q6103	OS=Mus	27	15	16	13	693	75.1	8.05	41784737.19
3	musculus								
	OX=10090								
	GN=Tmpo								
	PE=1 SV=4								
Q91Z	Propionyl-CoA								
A3	carboxylase	29	18	20	18	724	79.9	7.25	50010027.09
	alpha chain,								

	mitochondrial								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Pcca PE=1								
	SV=2								
	Protein								
	ERGIC-53								
Q9D0	OS=Mus								
F3	musculus	28	11	14	11	517	57.8	6.34	95099398.09
	OX=10090								
	GN=Lman1								
	PE=1 SV=1								
B1AU	Nuclear								
76	autoantigenic	36	14	14	14	448	48.7	4.45	52292418.69
	sperm protein								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Nasp PE=1								
	SV=1								
	Lanosterol								
	synthase								
Q8BL	OS=Mus								
N5	musculus	27	16	17	16	733	83.1	6.4	56372550.44
	OX=10090								
	GN=Lss PE=1								
	SV=2								
	Caprin-1_dimer								
Q3UF	domain-contain								
Z6	ing protein	44	11	15	11	337	37.6	4.75	72572241.84
	(Fragment)								

OS=Mus
 musculus
 OX=10090
 GN=Caprin1
 PE=2 SV=1
 Far upstream
 element
 (FUSE)-binding

protein 3

A2AJ
 72

OS=Mus 32 13 16 12 569 61.4 8.28 27609417.66

musculus

OX=10090

GN=Fubp3

PE=1 SV=1

Q80U
 36

MKIAA0325 10 18 19 18 1999 228.5 6.58 41302349.22

protein

	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Dync1h1								
	PE=2 SV=1								
	TRIO and								
	F-actin-binding								
	protein								
A0A2	OS=Mus								
U3TZ	musculus	32	18	18	18	627	71.6	6.86	79126065.38
82	OX=10090								
	GN=Triobp								
	PE=1 SV=1								
Q9CQ	Prenylcysteine								
F9	oxidase	28	10	13	10	505	56.5	6.92	40261659

OS=Mus
 musculus
 OX=10090
 GN=Pcyox1
 PE=1 SV=1
 Signal
 recognition
 particle 54 kDa
 protein

P1457
 6

OS=Mus	30	14	15	14	504	55.7	8.75	610679124.4
musculus								
OX=10090								
GN=Srp54								
PE=1 SV=2								

A0A2
 C9F2

Ras and Rab interactor 1	22	16	17	16	774	84.3	8.81	38103984.5
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A2	OS=Mus								
	musculus								
	OX=10090								
	GN=Rin1 PE=1								
	SV=1								
	Multifunctional								
	procollagen								
	lysine								
	hydroxylase								
	and								
Q9R0	glycosyltransfer	23	13	18	13	741	84.9	6.23	57140534.88
E1	ase LH3								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Plod3								

PE=1 SV=1

Ras

GTPase-activati

ng protein 3

Q6079	OS=Mus	21	14	15	14	834	95.9	7.34	24624519.25
0	musculus								

OX=10090

GN=Rasa3

PE=1 SV=2

Heat shock 70

kDa protein 1A

Q6169	OS=Mus	21	12	18	3	641	70	5.72	2598710
6	musculus								

OX=10090

GN=Hspa1a

PE=1 SV=2

Striatin-3

OS=Mus

B2RQ	musculus	22	11	14	11	712	77.7	5.22	29946509.97
S1	OX=10090								

GN=Strn3 PE=1

SV=1

ATP-dependent

DNA helicase 2

subunit 1

A0A0	OS=Mus								
R4J18	musculus	26	13	14	13	608	69.4	6.52	24123124.03
7	OX=10090								

GN=Xrcc6 PE=1

SV=1

	Acetoacetyl-Co								
	A synthetase								
Q9D2	OS=Mus								
R0	musculus	26	17	19	17	672	75.2	6.71	187468324.6
	OX=10090								
	GN=Aacs PE=1								
	SV=1								
	C-1-tetrahydrof								
	olate synthase,								
	cytoplasmic								
	(Fragment)								
Q3UZ	OS=Mus	22	17	17	17	937	101.4	6.99	58170588.56
H3	musculus								
	OX=10090								
	GN=Mthfd1								
	PE=2 SV=1								

	Splicing factor, proline- and glutamine-rich								
Q8VIJ 6	OS=Mus musculus OX=10090 GN=Sfpq PE=1 SV=1 Pccb protein (Fragment)	26	14	16	14	699	75.4	9.44	129024718.5
A0PJE 6	OS=Mus musculus OX=10090 GN=Pccb PE=2 SV=1	35	14	14	14	539	58.1	7.66	23794295.06
P5282	Carnitine	33	16	16	16	658	73.9	8.37	57459919.25

5	O-palmitoyltran sferase 2, mitochondrial OS=Mus musculus OX=10090 GN=Cpt2 PE=1 SV=2 Cdc42-interacti ng protein 4								
Q8CJ5 3	OS=Mus musculus 29 OX=10090 GN=Trip10 PE=1 SV=2	13	13	13	603	68.4	5.9	51614636.75	
Q7TP	TBC1 domain 27	16	16	16	671	76.5	5.3	35316534.63	

U5	family, member								
	15 OS=Mus								
	musculus								
	OX=10090								
	GN=Tbc1d15								
	PE=2 SV=1								
	Cullin-4A								
	OS=Mus								
Q3TC	musculus	23	16	20	9	759	87.7	8.35	16625856.38
H7	OX=10090								
	GN=Cul4a								
	PE=1 SV=1								
	Coiled-coil								
Q7TQ	domain-contain	27	16	17	1	629	72.6	8.29	2103333.75
K5	ing protein 93								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Ccdc93								
	PE=1 SV=1								
	Citrate								
	hydro-lyase								
Q8VD	OS=Mus								
C3	musculus	23	18	18	18	899	99	7.34	51855430.41
	OX=10090								
	GN=aco1 PE=3								
	SV=1								
	Uncharacterize								
Q3UR	d protein								
33	OS=Mus	30	10	12	8	452	50.3	9.41	48033420.5
	musculus								
	OX=10090								

	GN=Tmpo								
	PE=2 SV=1								
	Aldehyde								
	dehydrogenase								
	family	16							
A0A1	member	A1							
B0GS	OS=Mus	20	13	14	13	802	84.7	6.32	57437829.94
U0	musculus								
	OX=10090								
	GN=Aldh16a1								
	PE=1 SV=1								
	D-glutamate								
	cyclase,								
E9QM	mitochondrial	31	15	17	15	647	69.9	7.34	68912341.25
K9	OS=Mus								
	musculus								

OX=10090

GN=Dglucy

PE=1 SV=1

Ribonucleoside-
diphosphate
reductase

Q6NZ	OS=Mus	21	14	14	14	792	90.1	6.6	29581505.22
B3	musculus								

OX=10090

GN=Rrm1 PE=2

SV=1

Alpha-N-acetyl
glucosaminidas

O8832	OS=Mus	20	11	11	11	739	82.5	6.61	49567289.88
5	musculus								

OX=10090

	GN=Naglu								
	PE=1 SV=1								
	Ribonucleoprot								
	ein PTB-binding								
Q9C	1 OS=Mus								
W46	musculus	23	10	12	10	748	79.3	8.72	29815323.31
	OX=10090								
	GN=Raver1								
	PE=1 SV=2								
	J								
	domain-contain								
Q3UL	ing protein								
32	OS=Mus	31	15	15	15	494	56.4	6.49	47298692.5
	musculus								
	OX=10090								
	GN=Dnajc7								

PE=2 SV=1

Transportin-3

OS=Mus

Q6P2	musculus	19	12	13	12	923	104.1	5.57	23181604.91
B1	OX=10090								

GN=Tnpo3

PE=1 SV=1

Syntaxin-binding

g protein 1

OS=Mus

O0859	musculus	31	13	13	13	594	67.5	6.96	29106169.56
9	OX=10090								

GN=Stxbp1

PE=1 SV=2

Q0894	FACT complex	24	14	16	14	708	80.8	6.76	49480488.88
3	subunit SSRP1								

OS=Mus
 musculus
 OX=10090
 GN=Ssrp1 PE=1
 SV=2
 Lysosome
 membrane
 protein 2

O3511	OS=Mus									
4	musculus	28	11	13	11	478	54	5.1	64033807	
	OX=10090									
	GN=Scarb2									
	PE=1 SV=3									
A2AV	Ribosome-bindi									
J7	ng protein	1	11	13	13	1464	158.3	9.19	26888238.63	
	OS=Mus									

	musculus								
	OX=10090								
	GN=Rrbp1								
	PE=1 SV=1								
	MKIAA1835								
	protein								
	(Fragment)								
Q6ZP	OS=Mus	27	15	17	15	646	69.4	4.72	62691568.63
H4	musculus								
	OX=10090								
	GN=Rangap1								
	PE=2 SV=1								
	Uncharacterize								
Q3UG	d protein	39	12	15	1	338	38.4	8.6	5771968
R7	(Fragment)								
	OS=Mus								

	musculus								
	OX=10090 PE=2								
	SV=1								
	Transportin-2								
	OS=Mus								
Q99L	musculus	19	13	14	10	887	100.4	4.98	24375830.56
G2	OX=10090								
	GN=Tnpo2								
	PE=1 SV=1								
	Hook homolog								
	3 (Drosophila)								
	OS=Mus								
Q5BK	musculus	21	12	13	12	720	83.4	5.16	34021411.22
S5	OX=10090								
	GN=Hook3								
	PE=2 SV=1								

	Non-specific								
	serine/threonin								
	e protein kinase								
	(Fragment)								
Q6ZP	OS=Mus	29	11	12	11	451	49.9	7.3	66000091.5
X7	musculus								
	OX=10090								
	GN=mKIAA110								
	1 PE=3 SV=1								
	MKIAA4114								
	protein								
	(Fragment)								
Q570	OS=Mus	21	11	11	11	674	72.9	9	46695214.06
Z8	musculus								
	OX=10090								
	GN=Picalm								

PE=2 SV=1

Importin

subunit alpha-4

OS=Mus

O3534

musculus

28

9

10

6

521

57.7

4.94

21343932.38

4

OX=10090

GN=Kpna3

PE=1 SV=1

Phosphatidylin

ositol 4-kinase

type 2-alpha

Q2TB

OS=Mus

36

13

14

13

479

54.2

8.05

23797357.88

E6

musculus

OX=10090

GN=Pi4k2a

PE=1 SV=1

	E3								
	UFM1-protein								
	ligase	1							
Q8CC	OS=Mus	23	15	16	15	793	89.5	6.67	27838968.91
J3	musculus								
	OX=10090								
	GN=Ufl1 PE=1								
	SV=2								
	Probable								
	ATP-dependent								
	RNA helicase								
P5482	DDX6 OS=Mus	35	13	13	13	483	54.2	8.66	32298140.06
3	musculus								
	OX=10090								
	GN=Ddx6 PE=1								
	SV=1								

	Golgi resident protein GCP60								
Q8BM	OS=Mus musculus	31	12	13	12	525	60.1	5.11	28512322.44
P6	OX=10090 GN=Acbd3 PE=1 SV=3 Ubiquilin-2 OS=Mus								
Q9QZ	musculus	15	6	8	3	638	67.3	5.22	15358380.88
M0	OX=10090 GN=Ubqln2 PE=1 SV=2								
Q8BG	Cell division cycle protein 23	25	12	13	12	597	68.5	7.18	14985811.88
Z4	homolog								

OS=Mus
 musculus
 OX=10090
 GN=Cdc23
 PE=1 SV=2
 SH3
 domain-contain
 ing
 kinase-binding

E9Q0	protein	1	37	13	15	1	447	49.4	6.38	4256632
C1	OS=Mus musculus OX=10090 GN=Sh3kbp1 PE=1 SV=1									
O5514	Sarcoplasmic/e	16	13	13	13	1044	114.8	5.34	24469466.94	

3	Endoplasmic reticulum calcium ATPase								
	2 OS=Mus musculus								
	OX=10090 GN=Atp2a2 PE=1 SV=2 Methionine aminopeptidase								
O0866	2 OS=Mus musculus	22	10	13	10	478	52.9	5.82	51306490.78
3	OX=10090 GN=Metap2 PE=1 SV=1								
Q9R0	Procollagen-lysi	23	13	13	13	728	83.5	6.54	33507603.63

E2	ne,2-oxoglutarat e 5-dioxygenase								
	1 OS=Mus								
	musculus								
	OX=10090								
	GN=Plod1								
	PE=1 SV=1								
	AMP								
	deaminase								
A2AE	OS=Mus								
27	musculus	20	16	17	15	824	94.6	6.51	64911187.31
	OX=10090								
	GN=Ampd2								
	PE=1 SV=1								
Q8VC	Nicalin								
M8	OS=Mus	22	12	14	12	563	62.9	6.49	42625177.97

musculus

OX=10090

GN=Ncln PE=1

SV=2

Cullin-4B

OS=Mus

A2A4	musculus	17	16	20	9	970	110.6	8.37	47577388.38
32	OX=10090								

GN=Cul4b

PE=1 SV=1

Vimentin

OS=Mus

Q3U6	musculus	35	16	17	1	466	53.6	5.12	105660444.3
S1	OX=10090								

GN=Vim PE=2

SV=1

P2198	Protein-glutamine gamma-glutamyltransferase 2	26	14	15	14	686	77	5.1	36958627.75
1	OS=Mus musculus OX=10090 GN=Tgm2 PE=1 SV=4 Peroxisomal multifunctional enzyme type 2								
P5166	OS=Mus musculus OX=10090 GN=Hsd17b4	20	12	13	12	735	79.4	8.57	31487128.75
0									

PE=1 SV=3

E3

ubiquitin-protein
ligase NEDD4

P4693	OS=Mus									
5	musculus	19	15	15	15	887	102.6	5.26	28702905.81	

OX=10090

GN=Nedd4

PE=1 SV=3

Eukaryotic
translation

initiation factor

Q8R1	3 subunit C	13	13	14	13	911	105.5	5.78	50572470.25	
B4	OS=Mus									

musculus

OX=10090

	GN=Eif3c PE=1								
	SV=1								
	Vimentin								
	OS=Mus								
Q3T	musculus	35	16	17	1	466	53.6	5.16	2206582.5
WV0	OX=10090								
	GN=Vim PE=2								
	SV=1								
	mRNA cap								
	guanine-N7								
	methyltransfera								
Q9D0	se OS=Mus	24	11	12	11	465	53.3	6.48	27048881.69
L8	musculus								
	OX=10090								
	GN=Rnmt PE=1								
	SV=1								

	Septin-9								
	OS=Mus								
Q80U	musculus	28	15	16	15	583	65.5	8.9	98865582.66
G5	OX=10090								
	GN=Septin9								
	PE=1 SV=1								
	Bifunctional								
	3'-phosphoaden								
	osine								
	5'-phosphosulfa								
Q6096	te synthase 1	24	12	13	12	624	70.7	6.77	35384281.69
7	OS=Mus								
	musculus								
	OX=10090								
	GN=Papss1								
	PE=1 SV=1								

	Uncharacterize d protein								
Q3US C0	OS=Mus musculus OX=10090 GN=Heatr3 PE=2 SV=1 Ubiquitin-like modifier-activat ing enzyme	21	13	13	13	679	74.2	5.01	36982202.38
Q3TM 87	ATG7 OS=Mus musculus OX=10090 GN=Atg7 PE=2 SV=1	21	13	14	13	698	77.5	6.32	60196704.75
Q8BT	Centrosomal	34	14	14	14	462	53.9	7.94	25179868.19

07	protein of 55 kDa OS=Mus musculus OX=10090 GN=Cep55 PE=1 SV=2 Vesicle-fusing ATPase OS=Mus								
P4646 0	musculus OX=10090 GN=Nsf PE=1 SV=2 Protein VAC14	24	16	17	16	744	82.6	6.95	65178865.81
Q80W Q2	homolog OS=Mus	19	12	12	12	782	88	6.13	29526121.38

	musculus								
	OX=10090								
	GN=Vac14								
	PE=1 SV=1								
	PDZ and LIM								
	domain protein								
	5 OS=Mus								
Q8CI5	musculus	27	13	14	13	591	63.3	8.25	48215378.81
1	OX=10090								
	GN=Pdlim5								
	PE=1 SV=4								
	Cis-aconitate								
A0A0	decarboxylase								
R4J02	OS=Mus	29	11	15	11	488	53.7	7.55	57421365.25
7	musculus								
	OX=10090								

	GN=Acod1								
	PE=1 SV=1								
	Switch-associate								
	d protein 70								
Q6A0	OS=Mus								
28	musculus	27	14	14	14	585	69	6.05	32023575.94
	OX=10090								
	GN=Swap70								
	PE=1 SV=2								
	GPI								
	transamidase								
	component								
Q6PD	PIG-S OS=Mus	25	11	12	11	555	61.7	6.93	24696133
26	musculus								
	OX=10090								
	GN=Pigs PE=1								

SV=3

YTH

domain-contain

ing family

protein 3

Q8BY

OS=Mus 21 10 11 6 585 63.9 9.04 38380960.38

K6

musculus

OX=10090

GN=Ythdf3

PE=1 SV=2

Snx4 protein

Q80X

OS=Mus

musculus 34 11 11 11 403 47 6.92 21667511.44

54

OX=10090 PE=2

SV=1

Q922	Protein								
	disulfide-isomer								
	ase A6 OS=Mus								
R8	musculus	29	9	10	9	440	48.1	5.14	22675647.75
	OX=10090								
	GN=Pdia6 PE=1								
	SV=3								
	Calpain								
	inhibitor								
Q8CE	OS=Mus								
80	musculus	20	9	10	9	754	81.4	5.36	36298556.38
	OX=10090								
	GN=Cast PE=1								
	SV=1								
E9Q9	Rap1								
12	GTPase-GDP	25	12	12	12	607	66	5.35	49907569.03

dissociation

stimulator 1

OS=Mus

musculus

OX=10090

GN=Rap1gds1

PE=2 SV=1

2'-5'-oligoadeny

late

synthase-like

protein 1

Q8VI9

OS=Mus 32 10 10 10 511 59.1 7.14 21977206.66

4

musculus

OX=10090

GN=Oasl1 PE=2

SV=1

Q9D7 06	RNA								
	polymerase								
	II-associated								
	protein	3							
	OS=Mus	23	13	13	13	660	74.1	7.99	23367075.5
	musculus								
	OX=10090								
	GN=Rpap3								
	PE=1 SV=1								
	Fatty acid								
P1909 6	synthase								
	OS=Mus								
	musculus	6	14	15	14	2504	272.3	6.58	20773185.97
	OX=10090								
	GN=Fasn PE=1								
	SV=2								

	U4/U6	small								
	nuclear									
	ribonucleoprote									
	in	Prp31								
Q8CC	OS=Mus		31	12	12	12	499	55.4	5.67	42946872.94
F0	musculus									
	OX=10090									
	GN=Prpf31									
	PE=1	SV=3								
	SRSF	protein								
	kinase	1								
O7055	OS=Mus									
1	musculus		15	7	9	7	648	73	6.19	22488710.44
	OX=10090									
	GN=Srpk1									
	PE=1	SV=2								

	Procollagen-pro line 4-dioxygenase								
E9Q7 B0	OS=Mus musculus OX=10090 GN=P4ha1 PE=1 SV=1 Pyridoxal-depe ndent decarboxylase	33	13	14	2	454	51.7	6.71	14034701
Q99K 01	domain-contain ing protein 1 OS=Mus musculus OX=10090	20	12	12	12	787	87.3	5.48	25240881.75

	GN=Pdxdc1								
	PE=1 SV=2								
	Poly(U)-binding								
	-splicing factor								
Q3UE	PUF60 OS=Mus								
B3	musculus	24	10	11	10	564	60.2	5.29	23169499.25
	OX=10090								
	GN=Puf60								
	PE=1 SV=2								
	UDP-glucose:gl								
	ycoprotein								
Q6P5	glucosyltransfer								
E4	ase 1 OS=Mus	11	13	13	13	1551	176.3	5.62	16555689.59
	musculus								
	OX=10090								
	GN=Uggt1								

PE=1 SV=4

Peptidyl-prolyl

cis-trans

isomerase

FKBP10

Q6157

OS=Mus 26

11

14

11

581

64.7

5.64

27432699.31

6

musculus

OX=10090

GN=Fkbp10

PE=1 SV=2

Fragile X

mental

Q6P5

retardation 21

10

10

7

674

74.2

6.23

15704639.75

B5

syndrome-relate

d protein 2

OS=Mus
 musculus
 OX=10090
 GN=Fxr2 PE=1
 SV=1
 Mitochondrial
 antiviral-signal
 ing protein

Q8VC	OS=Mus								
F0	musculus	31	9	10	9	503	53.4	6.37	43473221.94
	OX=10090								
	GN=Mavs PE=1								
	SV=1								
Q6107	Protein								
4	phosphatase 1G	24	10	12	10	542	58.7	4.39	59507954
	OS=Mus								

	musculus								
	OX=10090								
	GN=Ppm1g								
	PE=1 SV=3								
	Copine-1								
	OS=Mus								
Q8C1	musculus	24	11	12	10	536	58.8	5.66	111060564.9
66	OX=10090								
	GN=Cpne1								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q3TF	OS=Mus	23	9	12	9	473	54.4	9.09	61858419.41
C2	musculus								
	OX=10090								
	GN=Nono PE=2								

SV=1

Synembryn-A

OS=Mus

Q3TI	musculus	25	11	12	11	530	59.8	5.68	13213712.31
R3	OX=10090								
	GN=Ric8a PE=1								

SV=2

Spartin

OS=Mus

Q8R1	musculus	23	12	12	12	671	72.6	5.86	19787981.94
X6	OX=10090								
	GN=Spart PE=1								

SV=1

COP9

G3UX	signalosome	27	11	12	2	526	58.8	6.74	90863491.44
W9	complex								

	subunit	1								
	OS=Mus									
	musculus									
	OX=10090									
	GN=Gps1	PE=1								
	SV=1									
	Importin									
	subunit	alpha								
	OS=Mus									
Q4FJZ	musculus	25	10	11	5	533	59.6	4.98	17521435	
2	OX=10090									
	GN=Kpna6									
	PE=1	SV=1								
	Oxysterol-bindi									
Q3B7	ng protein	1	18	12	13	12	805	88.7	7.2	38648186.38
Z2	OS=Mus									

	musculus								
	OX=10090								
	GN=Osbp PE=1								
	SV=3								
	Protein								
	mono-ADP-ribo								
	syltransferase								
	PARP3								
Q3UL	OS=Mus	24	10	10	10	533	59.9	7.12	21783047.88
W8	musculus								
	OX=10090								
	GN=Parp3								
	PE=2 SV=1								
	Protein								
G5E8	O-glucosyltrans	24	10	12	10	503	57.7	7.74	16279131.16
97	ferase	3							

	OS=Mus								
	musculus								
	OX=10090								
	GN=Poglut3								
	PE=1 SV=1								
	Annexin A11								
	OS=Mus								
P9738	musculus								
4	OX=10090	24	12	14	11	503	54	7.66	45795316.63
	GN=Anxa11								
	PE=1 SV=2								
	Condensin								
	complex								
Q8C1	subunit	2	20	11	11	731	82.3	4.96	30807896.31
56	OS=Mus								
	musculus								

	OX=10090								
	GN=Ncaph								
	PE=1 SV=1								
	Ribosomal								
	protein S6								
	kinase alpha-4								
Q9Z2	OS=Mus	20	13	13	13	773	85.6	8.27	23081811.69
B9	musculus								
	OX=10090								
	GN=Rps6ka4								
	PE=1 SV=2								
	Oxoglutarate								
	dehydrogenase								
B2RX	(succinyl-transf	16	15	15	9	1010	114.5	6.84	18094957.06
T3	erring) OS=Mus								
	musculus								

	OX=10090								
	GN=Ogdhl								
	PE=1 SV=1								
	Prosaposin								
	OS=Mus								
K3W4	musculus	29	15	15	15	556	61.3	5.24	53108819.38
L3	OX=10090								
	GN=Psap PE=1								
	SV=1								
	2',5'-phosphodie								
	sterase 12								
	OS=Mus								
Q3TI	musculus	23	9	11	9	608	67.5	6.92	15560171
U4	OX=10090								
	GN=Pde12								
	PE=1 SV=2								

	Sodium/potassium-transporting ATPase subunit alpha-1									
Q8VD	OS=Mus	15	11	11	11	1023	112.9	5.45	9590551.844	
N2	musculus									
	OX=10090									
	GN=Atp1a1									
	PE=1 SV=1									
	ATP-binding cassette sub-family member									
Q8K2	sub-family member	F								
68	OS=Mus	3	20	11	12	11	709	79.8	6.16	16775545.34
	musculus									
	OX=10090									

	GN=Abcf3								
	PE=1 SV=1								
	UBX								
	domain-contain								
	ing protein 4								
Q8VC	OS=Mus	23	9	11	9	506	56.4	6.61	45804556.38
H8	musculus								
	OX=10090								
	GN=Ubxn4								
	PE=1 SV=1								
	Glutamate--cyst								
	eine ligase								
P9749	catalytic	21	12	12	12	637	72.5	5.9	23840758.56
4	subunit								
	OS=Mus								
	musculus								

	OX=10090								
	GN=Gclc PE=1								
	SV=4								
	Phosphoglycera								
	te kinase 1								
P0941	OS=Mus								
1	musculus	32	12	12	12	417	44.5	7.9	37472184.44
	OX=10090								
	GN=Pgk1 PE=1								
	SV=4								
	Cleavage and								
	polyadenylation								
Q6NV	specificity factor								
F9	subunit 6	18	7	8	7	551	59.1	7.15	27523441.94
	OS=Mus								
	musculus								

	OX=10090								
	GN=Cpsf6								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q8BQ	OS=Mus								
W4	musculus	26	11	11	1	479	54.4	5.87	39686880.63
	OX=10090								
	GN=Arhgap1								
	PE=2 SV=1								
	Signal								
	transducer and								
Q9D3	activator of	18	11	11	11	749	87.2	5.71	22598405
23	transcription								
	OS=Mus								
	musculus								

GTPase-activating protein 2
 OS=Mus musculus
 OX=10090
 GN=Arfgap2
 PE=1 SV=1
 SUN domain-containing protein 2

Q8BJS	OS=Mus	20	12	12	12	731	81.6	7.02	20870568.31
4	musculus								
	OX=10090								
	GN=Sun2 PE=1								
	SV=3								

Q3UQ	Threonine--tRN	21	13	13	13	723	81.6	7.87	26451672.5
------	----------------	----	----	----	----	-----	------	------	------------

84	A	ligase, mitochondrial								
		OS=Mus								
		musculus								
		OX=10090								
		GN=Tars2 PE=1								
		SV=1								
		Exocyst								
		complex								
		component	8							
Q6PG	OS=Mus		20	14	14	14	716	81	5.4	31042726.38
F7	musculus									
		OX=10090								
		GN=Exoc8								
		PE=1 SV=1								
Q7TN	Cars	protein	45	11	11	1	293	33.8	7.9	970033.4375

P6	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Cars PE=2								
	SV=1								
	Ephrin type-A								
	receptor 2								
Q0314	OS=Mus								
5	musculus	15	12	12	12	977	108.8	6.23	16685347.06
	OX=10090								
	GN=Epha2								
	PE=1 SV=3								
P9737	Ras								
9	GTPase-activating	24	9	10	8	482	54.1	5.62	27012567.25

	protein-binding								
	protein	2							
	OS=Mus								
	musculus								
	OX=10090								
	GN=G3bp2								
	PE=1 SV=2								
	ATP-citrate								
	synthase								
	OS=Mus								
Q3TE	musculus	14	13	13	13	1091	119.5	7.55	34713068.13
D3	OX=10090								
	GN=Acly PE=2								
	SV=1								
Q9D5	Cullin-5	17	12	13	12	780	90.9	7.81	18463139.59
V5	OS=Mus								

	musculus								
	OX=10090								
	GN=Cu15 PE=1								
	SV=3								
	DNA								
	topoisomerase 1								
	OS=Mus								
Q0475	musculus	20	13	13	13	767	90.8	9.33	34463118.06
0	OX=10090								
	GN=Top1 PE=1								
	SV=2								
	MKIAA1252								
	protein								
Q69Z	(Fragment)	19	11	14	11	585	65.4	9.17	36868944.5
N1	OS=Mus								
	musculus								

	OX=10090								
	GN=Sgpl1 PE=2								
	SV=1								
	L-lactate								
	dehydrogenase								
Q3TI9	OS=Mus								
9	musculus	43	11	12	11	332	36.5	7.74	117663363.9
	OX=10090								
	GN=Ldha PE=2								
	SV=1								
	NGFI-A-bindin								
	g protein 2								
Q6112	OS=Mus								
7	musculus	29	14	15	13	525	56.5	6.86	37498346.41
	OX=10090								
	GN=Nab2 PE=1								

SV=2

Nuclear factor

NF-kappa-B

p100 subunit

Q9W	OS=Mus	17	11	11	10	899	96.8	6.37	28678274.75
TK5	musculus								

OX=10090

GN=Nfkb2

PE=1 SV=1

Integrin beta-1

OS=Mus

P0905	musculus	19	12	12	12	798	88.2	5.94	37645270.13
5	OX=10090								

GN=Itgb1 PE=1

SV=1

	Regulator of nonsense transcripts	1							
Q9EP U0	OS=Mus musculus OX=10090 GN=Upf1 PE=1 SV=2 DnaJ homolog subfamily member	13	13	13	13	1124	123.9	6.61	14548369.06
Q91Y W3	OS=Mus musculus OX=10090 GN=Dnajc3 PE=1 SV=1	23	8	9	8	504	57.4	5.85	29394305.5

	Component of oligomeric Golgi complex 3								
E9QL 65	OS=Mus musculus OX=10090 GN=Cog3 PE=1 SV=1 Negative elongation factor B	16	11	11	11	828	94.1	5.72	12365447.75
A0A5 H1ZR L3	OS=Mus musculus OX=10090 GN=Nelfb PE=1 SV=1	18	9	10	9	631	70.3	6.1	28101115.38

	Amine oxidase (Fragment)								
Q3TP	OS=Mus								
D9	musculus	26	12	13	12	519	58.7	7.97	55136138
	OX=10090								
	GN=Maoa PE=2								
	SV=1								
	Disabled								
	homolog	2							
P9807	OS=Mus								
8	musculus	20	11	11	11	766	82.3	6.1	21726779.25
	OX=10090								
	GN=Dab2 PE=1								
	SV=2								
Q3U	Uncharacterize								
M17	d protein	23	11	13	11	487	54.3	7.88	38777404.75

OS=Mus
 musculus
 OX=10090
 GN=Rbpj PE=2
 SV=1
 BCL2-associate
 d athanogene 3

A6H6	OS=Mus								
63	musculus	25	10	11	10	577	61.8	7.44	42163675.19

OX=10090
 GN=Bag3 PE=2
 SV=1
 Golgin

Q9QY	subfamily	A								
E6	member	5	18	12	12	12	729	82.3	6.23	24824908.63

OS=Mus

	musculus								
	OX=10090								
	GN=Golga5								
	PE=1 SV=2								
	Target of Myb								
	protein	1							
Q3UD	OS=Mus								
C3	musculus	30	10	10	10	516	57.1	4.97	43073779.5
	OX=10090								
	GN=Tom1								
	PE=1 SV=1								
	Uncharacterize								
Q3TG	d protein								
92	OS=Mus	24	8	13	1	377	42	5.39	10072325.5
	musculus								
	OX=10090								

	GN=Actc1 PE=2								
	SV=1								
	Non-specific								
	serine/threonin								
	e protein kinase								
A0A2	OS=Mus								
I3BQE	musculus	26	11	12	5	495	56.6	4.96	21856159.25
0	OX=10090								
	GN=Stk3 PE=1								
	SV=1								
	Kinesin-1 heavy								
	chain OS=Mus								
Q6176	musculus								
8	OX=10090	15	12	13	12	963	109.5	6.44	19498879.41
	GN=Kif5b PE=1								
	SV=3								

	Prolyl								
	3-hydroxylase 3								
Q8CG	OS=Mus								
70	musculus	22	10	11	10	732	81.7	6.65	28677750.88
	OX=10090								
	GN=P3h3 PE=1								
	SV=1								
	Electron								
	transfer								
	flavoprotein-ubi								
	quinone								
Q921	oxidoreductase,	21	12	13	12	616	68	7.58	35517537.5
G7	mitochondrial								
	OS=Mus								
	musculus								
	OX=10090								

	GN=Etdh PE=1									
	SV=1									
	UV excision									
	repair protein									
	RAD23									
	homolog B									
P5472	OS=Mus	33	9	10	9	416	43.5	4.83	89287878	
8	musculus									
	OX=10090									
	GN=Rad23b									
	PE=1 SV=2									
	FAST kinase									
	domain-contain									
Q91Y	ing protein	4	24	11	11	11	630	71.5	8.34	13652485.69
M4	OS=Mus									
	musculus									

	OX=10090								
	GN=Tbrg4								
	PE=1 SV=1								
	Conserved								
	oligomeric								
	Golgi complex								
Q3U	subunit	7							
M29	OS=Mus	17	11	11	11	770	86	5.38	23082494.78
	musculus								
	OX=10090								
	GN=Cog7 PE=1								
	SV=1								
	FAS-associated								
Q3TD	factor	2							
N2	OS=Mus	29	8	8	8	445	52.4	5.47	38285798
	musculus								

	OX=10090								
	GN=Faf2 PE=1								
	SV=2								
	Interferon-relate								
	d								
	developmental								
P1918	regulator	1							
2	OS=Mus	25	9	11	9	449	49.9	7.18	53013289.56
	musculus								
	OX=10090								
	GN=Ifrd1 PE=1								
	SV=2								
	55 kDa								
P7029	erythrocyte								
0	membrane	27	11	11	11	466	52.2	7.2	46241110.13
	protein								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Mpp1								
	PE=1 SV=1								
	NEDD8								
	ultimate buster								
P5472	1 OS=Mus								
9	musculus	19	9	10	9	614	70.3	5.88	18047102.5
	OX=10090								
	GN=Nub1 PE=1								
	SV=2								
	Uncharacterize								
Q3TZ	d protein								
P3	OS=Mus	20	12	12	11	668	75	9.72	33051754.38
	musculus								

	OX=10090								
	GN=Mta2 PE=2								
	SV=1								
	YTH								
	domain-contain								
	ing family								
	protein 1								
P5932	OS=Mus	22	8	9	4	559	60.8	8.95	5056836.438
6	musculus								
	OX=10090								
	GN=Ythdf1								
	PE=1 SV=1								
	Exocyst								
O3525	complex	24	15	16	15	697	79.9	6.98	23446194.13
0	component 7								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Exoc7								
	PE=1 SV=2								
	Uncharacterize								
	d protein								
	OS=Mus								
Q3TG	musculus	16	11	11	11	906	100	6.23	16881546.09
Q3	OX=10090								
	GN=Ctnna1								
	PE=2 SV=1								
	Tripeptidyl-pep								
	tidase 2								
Q6451	OS=Mus	11	14	14	14	1262	139.8	6.58	14367015.78
4	musculus								
	OX=10090								

	GN=Thpp2 PE=1								
	SV=3								
	Exportin	5							
	OS=Mus								
A2RR	musculus	10	10	11	10	1204	136.8	5.82	14831762.03
J4	OX=10090								
	GN=Xpo5 PE=2								
	SV=1								
	Nuclear								
	cap-binding								
	protein subunit								
Q3UY	1 OS=Mus	18	13	15	13	790	91.9	6.64	22440445.34
V9	musculus								
	OX=10090								
	GN=Ncbp1								
	PE=1 SV=2								

	Splicing factor								
	3A subunit 3								
Q9D5	OS=Mus								
54	musculus	29	11	12	11	501	58.8	5.34	28945878.28
	OX=10090								
	GN=Sf3a3 PE=1								
	SV=2								
	ElaC homolog								
	protein 2								
B1AT	OS=Mus								
P7	musculus	16	10	11	10	823	91.9	7.52	15436000.44
	OX=10090								
	GN=Elac2 PE=1								
	SV=1								
Q8BH	Engulfment and								
L5	cell motility	17	9	9	9	732	83.8	5.95	16138172.5

	protein	2							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Elmo2								
	PE=1 SV=1								
	Nuclear factor								
	90 OS=Mus								
Q45V	musculus	21	13	13	13	716	78	8.31	17430092.13
K6	OX=10090								
	GN=Ilf3 PE=2								
	SV=1								
	Polyadenylate-b								
F6ZA	inding protein 1	81	5	7	1	118	12.7	6.02	1048664
X1	(Fragment)								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Pabpc1								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q8C1	OS=Mus								
W9	musculus	20	8	9	7	422	47.3	4.73	22235632.75
	OX=10090								
	GN=Nap114								
	PE=2 SV=1								
	ARHGAP1								
A0A2	(Fragment)								
X0SS	OS=Mus	27	11	11	1	441	50.6	6.44	6138591.5
A9	musculus								
	OX=10090								

	GN=ARHGAP1								
	PE=4 SV=1								
	Pre-mRNA-pro								
	cessing factor 19								
Q99K	OS=Mus								
P6	musculus	26	8	10	8	504	55.2	6.61	19803843.94
	OX=10090								
	GN=Prpf19								
	PE=1 SV=1								
	Dynein light								
	intermediate								
A0A1	chain OS=Mus								
D5R	musculus	29	9	9	8	470	51.5	6.54	16174903
M94	OX=10090								
	GN=Dync1li2								
	PE=1 SV=1								

	H2-K protein								
	OS=Mus								
Q3163	musculus	30	11	11	10	368	41.5	6.62	38914640.44
4	OX=10090								
	GN=H2-K1								
	PE=2 SV=1								
	Importin								
	subunit alpha-5								
	OS=Mus								
Q6096	musculus	22	9	10	4	538	60.1	5.01	5528336.938
0	OX=10090								
	GN=Kpna1								
	PE=1 SV=2								
	Nop								
Q3US	domain-contain	23	11	11	11	523	58.1	8.9	19335551.66
Z5	ing protein								

(Fragment)

OS=Mus

musculus

OX=10090

GN=Nop56

PE=2 SV=1

Splicing factor 1

OS=Mus

Q3UK	musculus	17	8	10	8	639	68.4	8.98	31312369.56
67	OX=10090								

GN=Sf1 PE=2

SV=1

Aspartate--tRN

Q922	A ligase,	25	12	12	12	501	57.1	6.49	44826496.88
B2	cytoplasmic								

OS=Mus

	musculus								
	OX=10090								
	GN=Dars1								
	PE=1 SV=2								
	COP9								
	signalosome								
	complex								
A0A1	subunit	1							
40LJB	OS=Mus	26	10	11	1	486	55	6.7	893263.125
7	musculus								
	OX=10090								
	GN=Gps1 PE=1								
	SV=1								
B9EJR	Dynein								
8	axonemal	16	11	11	11	853	93.8	6.15	11923134.53
	assembly factor								

	5	OS=Mus								
		musculus								
		OX=10090								
		GN=Dnaaf5								
		PE=1 SV=1								
		Heterogeneous								
		nuclear								
		ribonucleoprote								
		in L-like								
Q921F		OS=Mus	21	9	9	9	591	64.1	5.85	31741329.5
4		musculus								
		OX=10090								
		GN=Hnrnp11								
		PE=1 SV=3								
Q8BJ		Eukaryotic	24	11	12	11	581	64.4	8.91	22648905.66
W6		translation								

initiation factor

2A OS=Mus

musculus

OX=10090

GN=Eif2a PE=1

SV=2

Hydroxymethyl

glutaryl-CoA

synthase,

cytoplasmic

Q8JZ

OS=Mus	24	12	13	11	520	57.5	5.99	34155745.03
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K9

musculus

OX=10090

GN=Hmgcs1

PE=1 SV=1

Q9JL	CD2-associated	23	13	13	13	637	70.4	6.38	32617027.5
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Q0	protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Cd2ap								
	PE=1 SV=3								
	Serine/threonin								
	e-protein								
	phosphatase	5							
Q6067	OS=Mus	21	10	11	10	499	56.8	6.2	56844841.13
6	musculus								
	OX=10090								
	GN=Ppp5c								
	PE=1 SV=3								
A0A5	Protein unc-45	12	12	13	12	1088	119.1	6.9	18724521.13
K1VV	homolog A								

S7	OS=Mus								
	musculus								
	OX=10090								
	GN=Unc45a								
	PE=1 SV=1								
	Triosephosphat								
	e isomerase								
P1775	OS=Mus								
1	musculus	34	7	11	7	249	26.7	7.3	34613596.81
	OX=10090								
	GN=Tpi1 PE=1								
	SV=5								
	Beta-galactosida								
Q8K1	se OS=Mus								
31	musculus	16	9	10	9	647	73	7.25	47061441.38
	OX=10090								

	GN=Glb1 PE=2								
	SV=1								
	Prolow-density								
	lipoprotein								
	receptor-related								
	protein	1							
A0A0	OS=Mus	3	12	12	12	4545	504.4	5.36	24187309.38
R4J0I9	musculus								
	OX=10090								
	GN=Lrp1 PE=1								
	SV=1								
	Bcl-2-like								
	protein	13							
P5901	OS=Mus	28	8	9	8	434	46.7	4.59	13842351.13
7	musculus								
	OX=10090								

	GN=Bcl2l13								
	PE=1 SV=2								
	Integrin beta-7								
	OS=Mus								
P2601	musculus	15	10	10	10	806	87.4	5.55	32666507.31
1	OX=10090								
	GN=Itgb7 PE=1								
	SV=2								
	PAT complex								
	subunit								
	CCDC47								
Q9D0	OS=Mus	19	9	9	9	483	55.8	4.84	19984597.25
24	musculus								
	OX=10090								
	GN=Ccdc47								
	PE=1 SV=2								

	182								
	kDa								
	tankyrase-1-bin								
	ding protein								
P5887	OS=Mus	8	9	9	9	1720	181.7	4.88	9669285.625
1	musculus								
	OX=10090								
	GN=Tnks1bp1								
	PE=1 SV=2								
	Cleavage and								
	polyadenylation								
	specificity factor								
Q8BT	subunit	7							
V2	OS=Mus	21	8	9	8	471	52	8	19490931.81
	musculus								
	OX=10090								
	GN=Cpsf7								

PE=1 SV=2

Glycylpeptide

N-tetradecanoyl

transferase 1

O7031	OS=Mus	24	9	10	6	496	56.9	8	28420688.94
0	musculus								

OX=10090

GN=Nmt1

PE=1 SV=1

Conserved

oligomeric

Q8C0	Golgi complex	16	12	12	12	829	91.3	6.27	12180010.66
L8	subunit 5								

OS=Mus

musculus

	OX=10090								
	GN=Cog5 PE=1								
	SV=3								
	Heat shock 70								
	kDa protein								
P1662	1-like OS=Mus								
7	musculus	14	10	18	1	641	70.6	6.24	1331985
	OX=10090								
	GN=Hspa11								
	PE=1 SV=4								
	Presequence								
	protease,								
Q8K4	mitochondrial								
11	OS=Mus	14	12	12	12	1036	117.3	7.2	28612059.19
	musculus								
	OX=10090								

	GN=Ptrm1								
	PE=1 SV=1								
	Tensin-3								
	OS=Mus								
Q5SS	musculus	9	10	10	10	1440	155.5	6.65	40789742.69
Z5	OX=10090								
	GN=Tns3 PE=1								
	SV=1								
	Beta-hexosamin								
	idase OS=Mus								
Q3TH	musculus	18	7	8	7	528	60.5	6.42	14245135.23
Q0	OX=10090								
	GN=Hexa PE=2								
	SV=1								
Q0779	Galectin-3-bindi	17	6	6	6	577	64.5	5.14	11335722.81
7	ng protein								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Lgals3bp								
	PE=1 SV=1								
	Conserved								
	oligomeric								
	Golgi complex								
	subunit	2							
Q921	OS=Mus	19	11	11	11	731	82	6.21	11036333.33
L5	musculus								
	OX=10090								
	GN=Cog2 PE=1								
	SV=2								
P5932	Eukaryotic	26	9	10	9	429	48.9	5.52	41465942.75
5	translation								

	initiation factor								
	5 OS=Mus								
	musculus								
	OX=10090								
	GN=Eif5 PE=1								
	SV=1								
	Carnitine								
	O-acetyltransfer								
	ase OS=Mus								
H7BX	musculus	19	11	11	11	605	68.6	8.07	30383071.5
88	OX=10090								
	GN=Crat PE=1								
	SV=1								
	General								
Q9Z1	vesicular	14	12	12	12	959	106.9	4.93	15658879.5
Z0	transport factor								

p115 OS=Mus

musculus

OX=10090

GN=Uso1 PE=1

SV=2

Heterogeneous

nuclear

ribonucleoprote

Q8R0	in L OS=Mus	27	8	8	8	586	63.9	8.1	38348323.38
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81 musculus

OX=10090

GN=Hnrnp1

PE=1 SV=2

Q8BM Nucleolar

C4	protein	9	16	6	7	6	636	70	7.27	20366555.78
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OS=Mus

musculus

OX=10090

GN=Nop9 PE=1

SV=1

Xaa-Pro

dipeptidase

OS=Mus

Q1113

musculus	17	8	9	8	493	55	5.78	23388274.38
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6

OX=10090

GN=Pepd PE=1

SV=3

Paxillin

OS=Mus

Q3UG

musculus	24	11	12	11	557	60.9	6.27	53009691.5
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90

OX=10090

GN=Pxn PE=2

	SV=1								
	Alpha-aminoad ipic semialdehyde dehydrogenase								
Q9DB F1	OS=Mus musculus OX=10090 GN=Aldh7a1 PE=1 SV=4 LAMP-1 OS=Mus	22	8	8	8	539	58.8	7.47	15574451.5
Q8VH 34	musculus OX=10090 GN=Lamp1 PE=2 SV=1	13	4	7	4	406	43.9	8.4	132996354.8

	Rho guanine nucleotide exchange factor									
Q9ES	7 OS=Mus	16	11	11	11	862	97	6.8	14381463.06	
28	musculus									
	OX=10090									
	GN=Arhgef7									
	PE=1 SV=2									
	Sorting and assembly machinery component									
Q8BG	50	22	10	11	10	469	51.8	6.8	22901561.38	
H2	homolog									
	OS=Mus									
	musculus									
	OX=10090									

GN=Samm50

PE=1 SV=1

Phosphoribosylf
ormylglycinami
dine synthase

Q5SU	OS=Mus	9	10	10	10	1337	144.5	5.67	15620492.06
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R0 musculus

OX=10090

GN=Pfas PE=1

SV=1

Golgi integral
membrane

D3YV	protein	4	16	9	9	9	683	79.9	4.86	18069304.13
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W2 OS=Mus

musculus

OX=10090

	GN=Golim4								
	PE=1 SV=1								
	Zinc finger								
	CCCH								
	domain-contain								
	ing protein 15								
Q3TI	OS=Mus	29	11	11	11	426	48.3	5.3	66105120.25
V5	musculus								
	OX=10090								
	GN=Zc3h15								
	PE=1 SV=2								
	Kinesin light								
	chain 4								
Q9DB	OS=Mus	12	6	7	2	619	68.6	6.09	2010634.125
S5	musculus								
	OX=10090								

GN=Klc4 PE=1

SV=1

Hematopoietic
progenitor cell
antigen CD34

Q6431	OS=Mus	17	6	8	6	382	41	5.3	117296858.4
4	musculus								

OX=10090

GN=Cd34 PE=1

SV=1

Splicing factor
U2AF 65 kDa

P2636	subunit	23	6	8	6	475	53.5	9.09	41527116
9	OS=Mus								

musculus

OX=10090

	GN=U2af2								
	PE=1 SV=3								
	CD44 antigen								
	OS=Mus								
A2AP	musculus	16	6	11	6	464	50.7	5.29	191406333.9
M3	OX=10090								
	GN=Cd44 PE=1								
	SV=1								
	Ceramide								
	transfer protein								
	OS=Mus								
Q9EQ	musculus	21	10	10	10	624	71.1	5.44	11149625.44
G9	OX=10090								
	GN=Cert1 PE=1								
	SV=1								
Q8BH	Wiskott-Aldrich	19	9	10	9	497	54	5.53	31771068.41

43	syndrome								
	protein family								
	member	2							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Wasf2								
	PE=1 SV=1								
	Mini-chromoso								
	me maintenance								
	complex-bindin								
Q8R3	g protein	17	10	11	10	642	72.8	5.66	28578975.13
C0	OS=Mus								
	musculus								
	OX=10090								
	GN=Mcmbp								

PE=1 SV=1

Vacuolar
protein
sorting-associat
ed protein 45

P9739
0

OS=Mus 17 10 10 10 570 65 8.25 14662307.63

musculus
OX=10090
GN=Vps45

PE=1 SV=1

Eukaryotic

peptide chain
release factor 22 9 10 9
subunit 1

Q3TD
F8

437 49 5.71 28906432.44

OS=Mus

	musculus								
	OX=10090								
	GN=Etf1 PE=2								
	SV=1								
	Kinesin-like								
	protein								
	OS=Mus								
E9PU	musculus	20	11	11	2	672	73.6	8.81	40612127.66
A5	OX=10090								
	GN=Kifc5b								
	PE=1 SV=1								
	Syntaxin-bindin								
	g protein 3								
Q6077	OS=Mus	19	11	11	11	592	67.9	8.02	15511529.31
0	musculus								
	OX=10090								

	GN=Stxbp3								
	PE=1 SV=1								
	Histone-binding								
	protein RBBP4								
Q6097	OS=Mus								
2	musculus	31	10	10	4	425	47.6	4.89	51091890.44
	OX=10090								
	GN=Rbbp4								
	PE=1 SV=5								
	Protein PALS2								
	OS=Mus								
Q9JLB	musculus	22	11	12	11	553	62.6	6.4	30393224.56
0	OX=10090								
	GN=Pals2 PE=1								
	SV=1								
Q9D8	60S ribosomal	20	8	9	8	419	47.1	11	23982138.31

E6	protein	L4								
	OS=Mus									
	musculus									
	OX=10090									
	GN=Rpl4	PE=1								
	SV=3									
	Keratin, type II									
	cytoskeletal	5								
	OS=Mus									
Q922	musculus	11	9	11	2	580	61.7	7.75	139011338.4	
U2	OX=10090									
	GN=Krt5	PE=1								
	SV=1									
	Uncharacterize									
Q3TI	d	protein	23	10	10	10	459	50.6	4.75	25460033
H8	OS=Mus									

musculus

OX=10090

GN=Zpr1 PE=2

SV=1

Exocyst

complex

component 3

Q6KA	OS=Mus	16	13	14	13	755	86.4	6.2	19480368.09
------	--------	----	----	----	----	-----	------	-----	-------------

R6 musculus

OX=10090

GN=Exoc3

PE=1 SV=2

Glycylpeptide

O7031	N-tetradecanoyl	19	8	9	5	529	60.4	7.8	9079964.375
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1 transferase 2

OS=Mus

	musculus								
	OX=10090								
	GN=Nmt2								
	PE=1 SV=1								
	Insulin-like								
	growth factor 2								
	mRNA-binding								
	protein	2							
Q5SF0	OS=Mus	18	9	9	9	592	65.5	8.03	25587836.48
7	musculus								
	OX=10090								
	GN=Igf2bp2								
	PE=1 SV=1								
	Mitochondrial-p								
Q9DC	rocessing	23	11	11	11	524	58.2	6.83	59038275.06
61	peptidase								

subunit alpha

OS=Mus

musculus

OX=10090

GN=Pmpca

PE=1 SV=1

Rab

GTPase-binding

effector protein

Q91W	2	OS=Mus	20	10	10	10	554	62.1	4.89	40101579.69
G2		musculus								
		OX=10090								
		GN=Rabep2								
		PE=1 SV=3								
Q6473		Trifunctional	11	9	9	9	1010	107.4	6.68	15586708.41
7		purine								

biosynthetic
 protein
 adenosine-3
 OS=Mus
 musculus
 OX=10090
 GN=Gart PE=1
 SV=3

Protein
 FAM114A2

Q8VE	OS=Mus								
88	musculus	19	7	8	7	497	54	4.93	61269873.63

OX=10090
 GN=Fam114a2
 PE=1 SV=2

Q9D1	Cytosolic	22	8	8	8	475	52.7	5.66	17664980.06
------	-----------	----	---	---	---	-----	------	------	-------------

A2	non-specific									
	dipeptidase									
	OS=Mus									
	musculus									
	OX=10090									
	GN=Cndp2									
	PE=1 SV=1									
	Heterogeneous									
	nuclear									
	ribonucleoprote									
	in U-like									
Q8VD	protein	1	13	9	10	9	859	95.9	6.58	22378415.31
M6	OS=Mus									
	musculus									
	OX=10090									
	GN=Hnrnpul1									

PE=1 SV=1

U1 small

nuclear

ribonucleoprote

in 70 kDa

Q6237

OS=Mus 24 10 11 10 448 52 9.94 60799355.75

6

musculus

OX=10090

GN=Snrnp70

PE=1 SV=2

Spna2 protein

OS=Mus

B9EKJ

musculus 4 10 10 10 2477 285 5.34 123199929.6

1

OX=10090

GN=Sptan1

	PE=2 SV=1								
	Procollagen-lysi ne 5-dioxygenase								
Q3U0 55	OS=Mus musculus	15	10	10	10	758	86.8	6.8	16192458.44
	OX=10090								
	GN=Plod2								
	PE=2 SV=1								
	Acetyl-CoA carboxylase kinase OS=Mus								
Q3TU Q7	musculus	19	8	8	8	550	62.7	7.59	13986200.69
	OX=10090								
	GN=Prkaa1								
	PE=1 SV=1								

	5'-nucleotidase domain-contain ing protein 3								
Q3U HB1	OS=Mus musculus OX=10090 GN=Nt5dc3 PE=1 SV=1 Luc7-like protein 3	19	9	9	9	546	63.1	8.56	19974881
Q5SU F2	OS=Mus musculus OX=10090 GN=Luc7l3 PE=1 SV=1	18	6	7	6	432	51.4	9.77	14494284.75
Q8CI	Protein arginine	18	10	10	10	637	72.6	6.42	30480561.75

G8	N-methyltransf erase 5 OS=Mus musculus OX=10090 GN=Prmt5 PE=1 SV=3 Cell adhesion molecule 1 OS=Mus									
Q8R5 M8	musculus OX=10090 GN=Cadm1 PE=1 SV=2	25	7	7	7	456	49.8	5.03	20578632	
Q2YD W2	Protein misato homolog OS=Mus	1	21	10	10	10	556	61.2	6.49	15530517.38

	musculus								
	OX=10090								
	GN=Msto1								
	PE=1 SV=1								
	NHL								
	repeat-contains								
	g protein 2								
Q8BZ	OS=Mus	14	9	10	9	725	78.4	5.54	32049608.44
W8	musculus								
	OX=10090								
	GN=Nhlrc2								
	PE=1 SV=1								
	Heat shock 70								
Q99M	kDa protein 14	26	10	10	10	509	54.6	5.92	37105089.25
31	OS=Mus								
	musculus								

OX=10090

GN=Hspa14

PE=1 SV=2

Ubiquitin

carboxyl-termin

al hydrolase

MINDY-1

Q76L

OS=Mus

16

5

6

5

468

51.2

4.73

27870433.88

S9

musculus

OX=10090

GN=Mindy1

PE=1 SV=1

AP complex

subunit beta

Q8CC

OS=Mus

10

9

9

1

953

104.9

5.06

785165.9375

13

musculus

	OX=10090								
	GN=Ap1b1								
	PE=2 SV=1								
	Uncharacterize								
	d protein								
Q3U4	OS=Mus								
L9	musculus	17	10	10	10	708	79.9	6.24	32433514.38
	OX=10090								
	GN=Tnfaip2								
	PE=2 SV=1								
	CTTNBP2								
	N-terminal-like								
Q99LJ	protein								
0	OS=Mus	19	9	9	9	638	69.8	7.71	11228365.69
	musculus								
	OX=10090								

	GN=Cttnbp2nl								
	PE=1 SV=1								
	6-phosphogluco								
	nate								
	dehydrogenase,								
	decarboxylating								
Q9DC	OS=Mus	19	7	7	7	483	53.2	7.23	13460018.5
D0	musculus								
	OX=10090								
	GN=Pgd PE=1								
	SV=3								
	Lipoma-preferr								
	ed partner								
Q8BF	homolog	21	8	8	8	613	65.8	7.37	15578351.5
W7	OS=Mus								
	musculus								

	OX=10090								
	GN=Lpp PE=1								
	SV=1								
	Serine								
	palmitoyltransf								
	erase 2 OS=Mus								
P9736	musculus	18	8	8	8	560	62.9	8.18	12959408.88
3	OX=10090								
	GN=Sptlc2								
	PE=1 SV=2								
	PTS1-BP								
	OS=Mus								
D3Z6	musculus	17	8	8	8	632	69.8	4.51	15827173.19
00	OX=10090								
	GN=Pex5 PE=1								
	SV=1								

A0A1	Glutaminyl-tRN A synthetase (Fragment)								
40LIN	OS=Mus musculus	52	6	9	1	160	17.9	5.85	17305076
2	OX=10090 GN=Qars PE=1 SV=1								
Q9R0	S-formylglutath ione hydrolase								
P3	OS=Mus musculus	34	7	7	7	282	31.3	7.12	14338050.88
	OX=10090 GN=Esd PE=1 SV=1								
Q8BM	Transmembrane	14	8	8	8	687	76.4	9.29	24880160.75

55	protein	214							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Tmem214								
	PE=1 SV=1								
	Ran-binding								
	protein	3							
Q9CT	OS=Mus								
10	musculus	16	8	9	8	491	52.5	5.12	32896107.44
	OX=10090								
	GN=Ranbp3								
	PE=1 SV=2								
Q6P5	Exportin-1								
F9	OS=Mus	10	10	10	10	1071	123	6.07	10166826.44
	musculus								

OX=10090

GN=Xpo1 PE=1

SV=1

Probable

arginine--tRNA

ligase,

mitochondrial

Q3U1

OS=Mus	16	8	8	8	578	65.3	8.02	14059860.38
--------	----	---	---	---	-----	------	------	-------------

86

musculus

OX=10090

GN=Rars2 PE=1

SV=1

MMS19

Q9D0

nucleotide

excision repair	12	9	9	9	1031	113	6.21	10612923.06
-----------------	----	---	---	---	------	-----	------	-------------

71

protein

homolog
 OS=Mus
 musculus
 OX=10090
 GN=Mms19
 PE=1 SV=1
 Coiled-coil
 domain
 containing 91

Q0P6I	OS=Mus	15	6	8	6	442	50	5.05	21881636.38
6	musculus								
	OX=10090								
	GN=Ccdc91								
	PE=2 SV=1								
Q91Y	UDP-N-acetylh	22	9	9	8	522	58.6	6.49	8597236.75
N5	exosamine								

	pyrophosphorylase								
	OS=Mus musculus								
	OX=10090								
	GN=Uap1								
	PE=1								
	SV=1								
	Melanoma antigen, family D, 1								
Q8K2	OS=Mus musculus	10	6	6	6	775	85.6	7.5	26395959.75
H5	OX=10090								
	GN=Maged1								
	PE=2								
	SV=1								
Q9D2	Protein SAAL1								
C2	OS=Mus musculus	17	7	7	7	474	52.7	4.53	8890780.375

	OX=10090								
	GN=Saal1 PE=1								
	SV=1								
	Insulin-degradi								
	ng enzyme								
Q9JH	OS=Mus								
R7	musculus	14	13	13	13	1019	117.7	6.54	19768056.44
	OX=10090								
	GN=Ide PE=1								
	SV=1								
	Kinesin-like								
	protein KIFC1								
Q9Q	OS=Mus								
WT9	musculus	18	10	10	1	674	74.1	8.72	721458.1875
	OX=10090								
	GN=Kifc1 PE=1								

SV=2

ATP-dependent

Clp protease

ATP-binding

subunit

clpX-like,

Q6P8

mitochondrial

20

10

10

10

620

67.3

7.55

17642800.38

N8

OS=Mus

musculus

OX=10090

GN=Clpx PE=1

SV=1

CTP synthase 2

P7030

OS=Mus

15

8

9

6

586

65.5

6.49

7858016.813

3

musculus

OX=10090

	GN=Ctps2								
	PE=1 SV=1								
	Translation								
	initiation factor								
	eIF-2B subunit								
	epsilon								
Q8CH	OS=Mus	15	7	7	7	717	80	5.07	19831487.5
W4	musculus								
	OX=10090								
	GN=Eif2b5								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q8BS	OS=Mus	22	9	10	7	452	52.6	6.3	21329395.81
26	musculus								
	OX=10090								

GN=Akt1 PE=2

SV=1

Golgi

reassembly-stac

king protein 2

Q99JX	OS=Mus	16	6	7	6	451	47	4.79	19963500.34
3	musculus								

OX=10090

GN=Gorasp2

PE=1 SV=3

ENTH

domain-contain

Q3UG	ing protein	12	7	8	1	623	67.7	6.27	3889341.625
L3	OS=Mus								

musculus

OX=10090

	GN=Clint1								
	PE=2 SV=1								
	Vacuolar								
	protein								
	sorting-associat								
	ed protein 53								
Q3UD	homolog	15	10	11	10	832	94.3	6.7	9684964.109
N2	OS=Mus								
	musculus								
	OX=10090								
	GN=Vps53								
	PE=2 SV=1								
	Probable 28S								
E9QN	rRNA	11	7	8	7	794	86.9	9.19	7452955.188
31	(cytosine-C(5))-								
	methyltransfera								

	se	OS=Mus								
	musculus									
	OX=10090									
	GN=Nop2	PE=1								
	SV=1									
	RNA	helicase								
	OS=Mus									
Q3UX	musculus		21	8	9	8	406	46.2	5.48	28793839.38
C2	OX=10090									
	GN=Eif4a1									
	PE=2	SV=1								
	GTP-binding									
O0858	protein	1								
2	OS=Mus		14	7	7	7	668	72.3	8.29	9444448.625
	musculus									
	OX=10090									

	GN=Gtpbp1								
	PE=1 SV=2								
	GRIP1-associate								
	d protein 1								
A2AE	OS=Mus								
W9	musculus	9	6	8	6	792	90.7	5.17	10895738.38
	OX=10090								
	GN=Gripap1								
	PE=1 SV=1								
	MndaL								
	OS=Mus								
A0A1	musculus								
Z3M	domesticus	24	10	11	6	538	60.5	9.23	19317369.63
HX2	OX=10092								
	GN=Mndal								
	PE=3 SV=1								

	Guanine									
	nucleotide									
	exchange factor									
H3BJ	H1 OS=Mus	13	10	10	10	956	108.5	6.87	11441221.22	
U7	musculus									
	OX=10090									
	GN=Arhgef2									
	PE=1 SV=1									
	Basigin									
	OS=Mus									
K3W4	musculus	42	7	9	7	218	24.1	5.36	38135261.06	
Q8	OX=10090									
	GN=Bsg PE=1									
	SV=1									
E9Q9	Eukaryotic	8	13	13	13	1593	175.2	5.38	16995926	
E1	translation									

initiation factor

4 gamma 1

OS=Mus

musculus

OX=10090

GN=Eif4g1

PE=1 SV=1

PKD

domain-contain

ing protein

Q3T	OS=Mus	15	8	10	8	574	63.7	7.59	63528171.25
WC7	musculus								
	OX=10090								
	GN=Gpnmb								
	PE=2 SV=1								

Q7TQ 95	Endoplasmic reticulum junction formation protein lunapark	20	6	7	6	425	47.5	5.27	8057195.938
	OS=Mus musculus OX=10090 GN=Lnpk PE=1 SV=1 Protein PRRC1								
	OS=Mus musculus	16	4	4	4	443	46.3	5.95	4857385.5
	OX=10090 GN=Prrc1 PE=1								

	SV=1								
	Uncharacterize								
	d protein								
Q3TM	OS=Mus								
W7	musculus	17	9	9	9	596	67.7	5.08	11004002.5
	OX=10090								
	GN=Glmn								
	PE=2 SV=1								
	FAS-associated								
	factor 1								
P5473	OS=Mus								
1	musculus	14	8	8	8	649	73.8	4.86	12398695.38
	OX=10090								
	GN=Faf1 PE=1								
	SV=2								
A0A0	Nucleolar	19	7	7	7	444	50	9.42	9312307.625

A0M	protein	58							
Q76	OS=Mus musculus OX=10090 GN=Nop58 PE=1 SV=1 General transcription factor	IIF							
Q3TH	subunit	1							
K3	OS=Mus musculus OX=10090 GN=Gtf2f1 PE=1 SV=2	16	7	7	7	508	57.2	7.01	24264666.5
Q9R0	Peroxisomal	27	7	8	7	376	41.2	5.11	27853939.25

A0	membrane protein PEX14 OS=Mus musculus OX=10090 GN=Pex14 PE=1 SV=1 ARF GTPase-activati ng protein GIT1								
Q68F	OS=Mus	11	6	6	6	770	85.2	6.93	8640019.875
F6	musculus OX=10090 GN=Git1 PE=1 SV=1								
Q5DT	MKIAA4137	8	5	6	5	832	93.4	6.54	6918616.875

L8	protein (Fragment) OS=Mus musculus OX=10090 GN=Sel1l PE=2 SV=1 ADP-ribosylatio n factor GTPase-activati								
A0A0	ng protein 3								
R4J0T	OS=Mus	15	6	6	5	524	57.5	8.47	5841087.563
8	musculus OX=10090 GN=Arfgap3 PE=1 SV=1								

	CAF1C_H4-bd domain-contain ing protein								
Q8BIF 7	OS=Mus musculus OX=10090 GN=Grwd1 PE=2 SV=1 tRNA-dihydrou ridine(47) synthase	24	7	8	7	416	45.9	4.81	13632978.06
A0A0 R4IZY 9	[NAD(P)(+)] OS=Mus musculus OX=10090 GN=Dus3l	16	8	8	8	637	71.1	7.9	8603726.938

	PE=1 SV=1								
	Cap-specific mRNA (nucleoside-2'-O -)-methyltransfe								
Q9DB C3	rase 1 OS=Mus musculus OX=10090 GN=Cmtr1 PE=1 SV=1 Vesicle-fusing ATPase	12	11	11	11	837	95.6	7.27	22398200.56
Q3U8 P5	OS=Mus musculus OX=10090 GN=Vps4b	28	9	9	8	444	49.4	6.6	10104486.75

PE=2 SV=1

Fascin OS=Mus

musculus

Q6155

OX=10090

20

8

8

8

493

54.5

6.89

13227113.75

3

GN=Fscn1 PE=1

SV=4

Opioid growth

factor receptor

OS=Mus

Q80U

musculus

19

8

9

8

633

70.6

4.77

40296077.88

U6

OX=10090

GN=Ogfr PE=2

SV=1

A0A0

Arf-GAP

87WN

domain and FG

21

7

7

7

521

53.9

8.92

17984929.5

V1

repeat-contains

	g protein	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Agfg1								
	PE=1 SV=1								
	Heterochromati								
	n protein								
	1-binding								
Q3TE	protein	3							
A8	OS=Mus	15	6	6	5	554	60.8	9.7	18990174.59
	musculus								
	OX=10090								
	GN=Hp1bp3								
	PE=1 SV=1								
Q80X	Ubiquitin-associ	8	7	7	7	1107	116.7	7.11	25149380.13

50	ated protein								
	2-like OS=Mus								
	musculus								
	OX=10090								
	GN=Ubp2l								
	PE=1 SV=1								
	RNA-binding								
	protein EWS								
	OS=Mus								
Q5SU	musculus	11	4	5	4	618	64.9	9.38	17226289.13
T0	OX=10090								
	GN=Ewsr1								
	PE=1 SV=1								
	Anillin OS=Mus								
Q8K2	musculus	8	9	9	9	1121	122.7	6.98	10457644.81
98	OX=10090								

	GN=Anln PE=1								
	SV=2								
	Copine-3								
	OS=Mus								
Q8BT	musculus	17	9	11	7	533	59.5	5.78	88619386.5
60	OX=10090								
	GN=Cpne3								
	PE=1 SV=2								
	Serine/threonin								
	e-protein kinase								
Q9JI1	4 OS=Mus								
1	musculus	17	7	8	1	487	55.5	5.19	1438523.25
	OX=10090								
	GN=Stk4 PE=1								
	SV=1								
A0A7	AHNAK	16	6	6	6	3501	368.2	5.88	10993818.44

N9VR	nucleoprotein 2								
94	OS=Mus								
	musculus								
	OX=10090								
	GN=Ahnak2								
	PE=1 SV=1								
	Vacuolar								
	protein								
	sorting-associat								
	ed protein 33A								
Q9D2	OS=Mus	17	8	8	8	598	67.5	7.08	9105122.219
N9	musculus								
	OX=10090								
	GN=Vps33a								
	PE=1 SV=2								
Q922	Protein arginine	19	8	8	8	532	59.9	5.3	10796899.72

H1	N-methyltransferase 3 OS=Musculus OX=10090 GN=Prmt3 PE=1 SV=2 DDB1- and CUL4-associate d factor 8								
Q8N7	OS=Musculus OX=10090 GN=Dcaf8 PE=1 SV=1	16	8	8	8	591	66	5.87	12244222.5
N5	WD repeat-contains	12	7	8	7	625	68.8	6.15	27266671.63
E0CY									
H4									

g protein 26

(Fragment)

OS=Mus

musculus

OX=10090

GN=Wdr26

PE=1 SV=1

Translation

initiation factor

eIF-2B subunit

Q6174	delta	OS=Mus	19	8	8	8	524	57.6	9.25	13364753.5
9	musculus									
		OX=10090								
		GN=Eif2b4								
		PE=1 SV=2								
Q8CB	Abl interactor 1		15	6	9	6	481	52.3	7.64	39377717.44

W3	OS=Mus musculus OX=10090 GN=Abi1 PE=1 SV=3 Peroxisomal carnitine O-octanoyltrans								
Q9DC 50	ferase OS=Mus musculus OX=10090 GN=Crot PE=1 SV=1	16	8	8	8	612	70.2	6.73	32869349.38
Q8C5 H3	CAF1C_H4-bd domain-contain ing protein	27	8	9	2	425	47.8	5.05	804209.375

	OS=Mus								
	musculus								
	OX=10090								
	GN=Rbbp7								
	PE=2 SV=1								
	Actin-histidine								
	N-methyltransf								
	erase OS=Mus								
Q91W	musculus	17	8	8	8	594	67.1	5.6	14027353.53
C0	OX=10090								
	GN=Setd3 PE=1								
	SV=1								
	Rab GDP								
Q3UU	dissociation	15	5	6	3	445	50.5	6.47	5286748.875
X9	inhibitor								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Gdi2 PE=2								
	SV=1								
	RNA helicase								
	(Fragment)								
Q8K2	OS=Mus								
L4	musculus	15	7	7	7	689	75.8	9.31	6768753
	OX=10090								
	GN=Ddx21								
	PE=1 SV=1								
	X-ray repair								
P2764	cross-compleme								
1	nting protein 5	13	7	7	7	732	83	5.16	19792615.31
	OS=Mus								
	musculus								

	OX=10090								
	GN=Xrcc5 PE=1								
	SV=4								
	Interferon								
	regulatory								
	factor 2-binding								
	protein	2							
E9Q1	OS=Mus	19	8	9	6	570	59.3	8.69	28267744.97
P8	musculus								
	OX=10090								
	GN=Irf2bp2								
	PE=1 SV=1								
	SH3								
B0R0	domain-contain								
Y8	ing	38	7	7	1	209	22.4	9.48	1091457.875
	kinase-binding								

	protein	1							
	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Sh3kbp1								
	PE=1 SV=1								
	Ubiquilin-4								
	OS=Mus								
Q99N	musculus	8	3	4	2	596	63.5	5.03	5355575.25
B8	OX=10090								
	GN=Ubqln4								
	PE=1 SV=1								
Q05C	26S proteasome								
G9	non-ATPase	12	9	9	9	844	93.1	6.25	20805796.38
	regulatory								

	subunit	1							
	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Psm1								
	PE=2 SV=1								
	Periodic								
	tryptophan								
	protein	1							
Q99L	homolog								
L5	OS=Mus	20	7	7	7	501	55.6	4.82	14025369.38
	musculus								
	OX=10090								
	GN=Pwp1								
	PE=1 SV=1								

P2874 0	Kinesin-like protein KIF2A									
	OS=Mus									
	musculus	12	8	9	8	705	79.7	6.73	10107338.31	
	OX=10090									
	GN=Kif2a PE=1									
SV=2										
F6RD M4	Glutaminase (Fragment)									
	OS=Mus									
	musculus	32	2	4	1	123	13.6	7.01		
	OX=10090									
	GN=Gls PE=1									
SV=1										
Q6090 2	Epidermal growth factor		11	9	9	9	907	99.2	5.02	10553639

receptor
 substrate 15-like
 1 OS=Mus
 musculus
 OX=10090
 GN=Eps15l1
 PE=1 SV=3
 Glutathione
 reductase
 (Fragment)

Q3UB	OS=Mus	20	7	7	7	482	51.8	7.23	24742828
84	musculus								
	OX=10090								
	GN=Gsr PE=2								
	SV=1								
Q80W	TROVE domain	21	10	10	10	538	60.1	8.03	17459946.47

12	family, member								
	2 OS=Mus								
	musculus								
	OX=10090								
	GN=Ro60 PE=2								
	SV=1								
	GA-binding								
	protein alpha								
	chain OS=Mus								
Q0042	musculus	22	8	8	8	454	51.3	5	17837309.44
2	OX=10090								
	GN=Gabpa								
	PE=1 SV=2								
Q0396	Interferon-indu								
3	ced,	19	8	9	8	515	58.2	8.57	16016440.38
	double-strande								

d
 RNA-activated
 protein kinase
 OS=Mus
 musculus
 OX=10090
 GN=Eif2ak2
 PE=1 SV=2
 Centromere/ki
 netochore
 protein zw10

O5469	homolog								
2	OS=Mus	11	7	7	7	779	88	5.92	10984626.88
	musculus								
	OX=10090								
	GN=Zw10 PE=1								

	SV=3								
	Uncharacterize								
	d protein								
Q9DB	OS=Mus								
H1	musculus	12	7	7	7	752	88.3	9.89	13420381
	OX=10090								
	GN=Ubtf PE=2								
	SV=1								
	Probable E3								
	ubiquitin-protei								
	n ligase								
Q8K3	IRF2BPL								
X4	OS=Mus	12	7	7	5	775	80.5	8.24	6821757.75
	musculus								
	OX=10090								
	GN=Irf2bpl								

PE=1 SV=1

Keratin, type II

cytoskeletal 1

OS=Mus

P0410

musculus

6

6

8

2

637

65.6

8.15

149917589

4

OX=10090

GN=Krt1 PE=1

SV=4

ATP-dependent

6-phosphofruct

okinase

Q8C6

OS=Mus

10

8

8

8

784

85.5

6.89

16071958.38

05

musculus

OX=10090

GN=Pfkp PE=1

SV=1

	Protein kinase C and casein kinase substrate in neurons								
Q9W	protein	2							
VE8	OS=Mus musculus OX=10090 GN=Pacsin2 PE=1 SV=1 Aldehyde dehydrogenase,	20	9	9	9	486	55.8	5.2	58252594.06
P4773	dimeric								
9	NADP-preferrin g OS=Mus musculus	21	10	10	9	453	50.4	6.95	47734173.38

	OX=10090								
	GN=Aldh3a1								
	PE=1 SV=2								
	Protein								
	phosphatase 1F								
Q8CG	OS=Mus								
A0	musculus	22	7	7	7	452	49.6	5.3	12580189
	OX=10090								
	GN=Ppm1f								
	PE=1 SV=1								
	Threonine--tRN								
	A ligase 2,								
Q8BL	cytoplasmic	11	8	9	5	790	91.3	7.53	5963860.125
Y2	OS=Mus								
	musculus								
	OX=10090								

	GN=Tars3 PE=1								
	SV=1								
	La-related								
	protein	7							
Q05C	OS=Mus								
L8	musculus	16	8	9	8	570	64.8	9.54	31821287.88
	OX=10090								
	GN=Larp7								
	PE=1 SV=2								
	Neuroplastin								
	OS=Mus								
P9730	musculus	19	6	9	6	397	44.3	7.74	42303812.63
0	OX=10090								
	GN=Nptn PE=1								
	SV=3								
Q8CI3	CWF19-like	16	6	6	6	537	60.2	7.14	6583683.25

3	protein	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Cwf1911								
	PE=1 SV=2								
	Probable								
	cysteine--tRNA								
	ligase,								
	mitochondrial								
Q8BY	OS=Mus	15	7	8	7	551	61.2	8.18	5395944.156
M8	musculus								
	OX=10090								
	GN=Cars2								
	PE=1 SV=2								
Q3UV	Vacuolar	12	8	8	8	782	86.1	6.24	11741543.11

L4	protein								
	sorting-associat								
	ed protein 51								
	homolog								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Vps51								
	PE=1 SV=2								
	Serine and								
	arginine-rich-sp								
	licing factor 11								
D3Z4	(Fragment)	31	4	8	4	192	19.3	4.84	14061246.69
B0	OS=Mus								
	musculus								
	OX=10090								

	GN=Srsf11								
	PE=1 SV=1								
	Phosphoacetylglucosamine mutase								
Q3TF	OS=Mus	17	8	8	8	542	59.4	6.2	13609413.25
H8	musculus								
	OX=10090								
	GN=Pgm3								
	PE=2 SV=1								
	Uncharacterized protein								
Q8BQ	OS=Mus	12	7	7	7	725	81.4	5.14	15087313.69
K0	musculus								
	OX=10090								
	GN=Asph PE=2								

SV=1

Torsin-1A-inter
acting protein 1

Q921	OS=Mus								
T2	musculus	14	6	6	6	595	66.7	7.05	18637795.75
	OX=10090								
	GN=Tor1aip1								
	PE=1 SV=3								
	Clathrin								
	interactor	1							
Q5SU	OS=Mus								
H7	musculus	11	7	7	1	623	67.7	6.42	14183145.44
	OX=10090								
	GN=Clint1								
	PE=1 SV=1								

	Conserved									
	oligomeric									
	Golgi complex									
	subunit	4								
Q8R1	OS=Mus	10	6	7	6	785	88.6	5.15	11383095.63	
U1	musculus									
	OX=10090									
	GN=Cog4 PE=1									
	SV=1									
	Nicastrin									
	OS=Mus									
P5771	musculus	12	7	7	7	708	78.4	6.09	9474993.578	
6	OX=10090									
	GN=Ncstn									
	PE=1 SV=3									
O3563	Annexin	A3	27	7	8	6	323	36.4	5.76	6093948.219

9	OS=Mus musculus OX=10090 GN=Anxa3 PE=1 SV=4 Leucine-rich repeat protein SHOC-2								
Q8R3 78	OS=Mus musculus OX=10090 GN=Shoc2 PE=2 SV=1 Signal	15	6	6	6	524	58.5	9.17	7513236.813
Q9DB G7	recognition particle receptor	13	8	9	8	636	69.6	8.95	46132102.19

	subunit	alpha							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Srpra	PE=1							
	SV=1								
	Oxysterol-bindi								
	ng	protein							
	OS=Mus								
Q3TD	musculus	20	8	8	8	484	55.3	6.2	24402678.56
A1	OX=10090								
	GN=Osbp12								
	PE=2	SV=1							
	UBX								
Q99P	domain-contain	24	8	8	8	442	49.8	8.54	11187246.19
L6	ing	protein	6						

	OS=Mus								
	musculus								
	OX=10090								
	GN=Ubxn6								
	PE=1 SV=1								
	Striatin								
	OS=Mus								
O5510	musculus	13	6	6	6	780	85.9	5.27	5728301.25
6	OX=10090								
	GN=Strn PE=1								
	SV=2								
	Serine/threonin								
	e-protein								
Q3UX	phosphatase	15	7	7	2	452	51.4	5.81	3005474
V4	OS=Mus								
	musculus								

OX=10090

GN=Ppp3cb

PE=2 SV=1

Guanine

nucleotide-bind

ing protein-like

P3691	1	OS=Mus	15	8	8	8	607	68.7	5.68	20789012.44
6		musculus								

OX=10090

GN=Gnl1 PE=1

SV=4

ATP-binding

cassette

Q6P5			F 9	7	8	7	837	94.9	6.51	15350478.56
42		sub-family								
		member	1							

OS=Mus

	musculus								
	OX=10090								
	GN=Abcf1								
	PE=1 SV=1								
	TBC1 domain								
	family member								
	5 OS=Mus								
Q80X	musculus	10	7	7	7	815	91.8	6.79	13250893.13
Q2	OX=10090								
	GN=Tbc1d5								
	PE=1 SV=2								
	Protein Niban 1								
	OS=Mus								
Q3U	musculus	10	7	7	7	926	102.6	4.78	7499708.313
W53	OX=10090								
	GN=Niban1								

	PE=1 SV=2								
	Serine/threonin								
	e-protein								
	phosphatase 2A								
	56 kDa								
Q91V	regulatory								
89	subunit	14	8	9	8	594	69	7.96	18296565.38
	OS=Mus								
	musculus								
	OX=10090								
	GN=Ppp2r5d								
	PE=1 SV=1								
	40S ribosomal								
P6224	protein S8								
2		35	6	6	6	208	24.2	10.32	6930661.125
	OS=Mus								
	musculus								

OX=10090

GN=Rps8 PE=1

SV=2

Synaptic

functional

regulator FMR1

Q6AX	OS=Mus	18	9	9	6	614	68.8	7.42	8067115.5
B7	musculus								

OX=10090

GN=Fmr1 PE=1

SV=1

Polypeptide

Q3U	N-acetylgalacto								
M52	saminyltransfer	14	8	8	8	618	69.4	8.62	10836747.53
	ase (Fragment)								

OS=Mus

	musculus								
	OX=10090 PE=2								
	SV=1								
	F-box-like/WD								
	repeat-contains								
	g protein TBL1X								
Q9QX	OS=Mus	16	6	6	6	527	56.8	5.72	9276347.875
E7	musculus								
	OX=10090								
	GN=Tbl1x PE=1								
	SV=2								
	Receptor of								
	activated								
P6804	protein C kinase	21	6	7	6	317	35.1	7.69	9902878.188
0	1 OS=Mus								
	musculus								

	OX=10090								
	GN=Rack1								
	PE=1 SV=3								
	Adenosylhomocysteine								
Q3U4	OS=Mus	22	8	9	8	432	47.7	6.54	14595940
D1	musculus								
	OX=10090 PE=2								
	SV=1								
	Vigilin OS=Mus								
	musculus								
Q8VD	OX=10090	7	8	8	8	1268	141.7	6.87	12775965.5
J3	GN=Hdlbp								
	PE=1 SV=1								
Q6074	KH	14	6	8	6	443	48.3	8.72	85717478.66
9	domain-contain								

ing,
 RNA-binding,
 signal
 transduction-as
 sociated protein
 1 OS=Mus
 musculus
 OX=10090
 GN=Khdrbs1
 PE=1 SV=2
 T1-TrpRS
 OS=Mus

Q3UD	musculus	15	6	8	6	475	53.6	7.27	7075678.984
G2	OX=10090								
	GN=Wars PE=2								
	SV=1								

	KN motif and ankyrin repeat domain-contain ing protein 2								
Q8BX 02	OS=Mus musculus OX=10090 GN=Kank2 PE=1 SV=1 Nucleotide exchange factor	9	6	6	6	843	90.2	5.55	8723338.375
A0A4 94B9 H1	SIL1 OS=Mus musculus OX=10090 GN=Sil1 PE=1 SV=1	20	7	8	7	417	46.8	6	15094319.84

	Serine/threonin e-protein phosphatase 2B catalytic subunit alpha								
P6332 8	isoform	13	7	7	2	521	58.6	5.86	47160917.5
	OS=Mus musculus OX=10090 GN=Ppp3ca PE=1 SV=1 Gamma-tubulin complex								
Q8BY N2	component	13	7	7	7	666	76	6.65	4736714.969
	OS=Mus musculus								

	OX=10090								
	GN=Tubgcp4								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q3UC	OS=Mus								
Y7	musculus	18	6	7	6	463	51	5.92	13620185.16
	OX=10090								
	GN=Atp6ap1								
	PE=2 SV=1								
	Sec23								
	interacting								
Q4G0	protein								
C0	OS=Mus	9	7	7	7	998	110.7	5.72	8100033.063
	musculus								
	OX=10090								

GN=Sec23ip

PE=2 SV=1

Exocyst

complex

component 6B

A6H5	OS=Mus	13	7	7	7	810	94.1	6.39	9465816.688
Z3	musculus								

OX=10090

GN=Exoc6b

PE=1 SV=1

Nuclear pore

complex protein

Q8BJ7	Nup93 OS=Mus	11	9	9	9	819	93.2	5.72	20023762.69
1	musculus								

OX=10090

GN=Nup93

PE=1 SV=1

Ubiquitin-like
modifier-activat
ing enzyme 6

Q8C7	OS=Mus	10	8	8	8	1053	117.9	6.11	7827401.031
R4	musculus								

OX=10090

GN=Uba6 PE=1

SV=1

Procollagen
galactosyltransf

Q8K2	erose 1 OS=Mus	15	8	8	8	617	71	7.28	19634910.13
97	musculus								

OX=10090

GN=Colgalt1

PE=1 SV=2

	Pseudouridylat e synthase 7 homolog								
Q91V U7	OS=Mus musculus OX=10090 GN=Pus7 PE=2 SV=2 MKIAA0270 protein (Fragment)	12	7	7	7	660	74.7	5.87	9125871.438
Q6ZQ E7	OS=Mus musculus OX=10090 GN=Palm PE=2 SV=1	19	5	6	5	350	37.7	4.73	4426771.531

	Annexin									
	OS=Mus									
Q4FK	musculus	21	6	6	6	346	38.7	7.72	13820878.88	
88	OX=10090									
	GN=Anxa1									
	PE=2 SV=1									
	Poliovirus									
	receptor									
	OS=Mus									
Q8K0	musculus	21	6	7	6	408	44.6	8.06	71983631.13	
94	OX=10090									
	GN=Pvr PE=1									
	SV=1									
	Ran-binding									
P6956	protein	9	12	6	6	5	653	71	6.84	10847798.56
6	OS=Mus									

musculus

OX=10090

GN=Ranbp9

PE=1 SV=1

Uncharacterize

d protein

(Fragment)

Q3UX	OS=Mus	16	7	7	7	521	58.3	10.17	27343675.31
------	--------	----	---	---	---	-----	------	-------	-------------

T6 musculus

OX=10090

GN=Rbm39

PE=2 SV=1

Constitutive

Q6A0	coactivator of	6	4	4	4	1112	121.6	8.92	6160520.438
------	----------------	---	---	---	---	------	-------	------	-------------

A9 PPAR-gamma-li

ke protein 1

OS=Mus
 musculus
 OX=10090
 GN=FAM120A
 PE=1 SV=2
 Protein kinase
 domain-contain
 ing protein

Q3TC	OS=Mus	15	6	6	6	535	59.8	5.08	20001238.75
W5	musculus								
	OX=10090								
	GN=Nrbp1								
	PE=2 SV=1								
Q8R0	ADP-ribosylatio								
H9	n factor-binding	15	7	8	6	635	69.9	5.27	10680512.66
	protein GGA1								

OS=Mus
 musculus
 OX=10090
 GN=Gga1 PE=1
 SV=1
 Uncharacterize
 d protein
 KIAA2013

Q91X 21	OS=Mus musculus OX=10090 GN=Kiaa2013 PE=1 SV=1	15	6	6	6	634	69.4	7.8	8975642.375
Q9QX G2	Rab proteins geranylgeranyltransferase	14	8	8	8	665	73.9	4.68	10629306.22

component A 1

OS=Mus

musculus

OX=10090

GN=Chm PE=1

SV=1

tRNA

(adenine(58)-N(1))-methyltransferase

Q8CE	non-catalytic	16	7	8	7	497	55.5	6.95	19686782.5
96	subunit TRM6								

OS=Mus

musculus

OX=10090

GN=Trmt6

PE=1 SV=1

Protein

phosphatase 1

regulatory

subunit 21

Q3TD

OS=Mus 10 6 6 6 780 88.3 6.9 4890372.5

D9

musculus

OX=10090

GN=Ppp1r21

PE=1 SV=2

Alpha-ketogluta

rate-dependent

Q8BG

dioxygenase 17 7 8 7 502 58 5.12 11761650.78

W1

FTO OS=Mus

musculus

	OX=10090								
	GN=Fto PE=1								
	SV=1								
	Tetraspanin								
	OS=Mus								
Q8BT	musculus	14	3	6	3	249	26.8	7.37	119081327.6
06	OX=10090								
	GN=Cd63 PE=2								
	SV=1								
	Gephyrin								
	OS=Mus								
Q8BU	musculus	10	6	6	6	769	83.2	5.6	11771993.63
V3	OX=10090								
	GN=Gphn								
	PE=1 SV=2								
D3YZ	Sequestosome-1	21	4	4	4	382	41.7	7.72	9555231.25

J1	OS=Mus								
	musculus								
	OX=10090								
	GN=Sqstm1								
	PE=1 SV=1								
	DNA								
	polymerase								
	alpha subunit B								
P3361	OS=Mus	12	6	6	6	600	66.2	5.34	7101628.625
1	musculus								
	OX=10090								
	GN=Pola2 PE=1								
	SV=2								
P9777	THUMP								
0	domain-contain	19	7	7	7	505	56.4	7.43	8197333.5
	ing protein 3								

OS=Mus
 musculus
 OX=10090
 GN=Thumpd3
 PE=1 SV=1
 Inhibitor of
 nuclear factor
 kappa-B kinase
 subunit beta

O8835	OS=Mus	10	7	8	6	757	86.6	6.4	7516002.203
1	musculus								
	OX=10090								
	GN=Ikbbk								
	PE=1 SV=1								
P0772	Albumin	6	3	7	3	608	68.6	6.07	781373280
4	OS=Mus								

	musculus									
	OX=10090									
	GN=Alb PE=1									
	SV=3									
	EGF									
	domain-specific									
	O-linked									
	N-acetylglucosa									
	mine									
Q8BY	transferase	16	8	8	8	527	61.4	6.81	13193602.41	
W9	OS=Mus									
	musculus									
	OX=10090									
	GN=Eogt PE=1									
	SV=1									
Q9D0	40S ribosomal	33	8	8	8	243	26.6	9.66	18619807.31	

A2	protein	S3								
	OS=Mus									
	musculus									
	OX=10090									
	GN=Rps3	PE=2								
	SV=1									
	Pre-mRNA-pro									
	cessing factor 39									
E9QJ	OS=Mus									
V4	musculus	12	7	7	7	665	77.9	5.44	6398521.688	
	OX=10090									
	GN=Prpf39									
	PE=1	SV=1								
Q6P1	Bin1	protein								
B9	OS=Mus		16	7	7	7	477	52.7	5.24	30021795.25
	musculus									

	OX=10090								
	GN=Bin1 PE=1								
	SV=1								
	Coronin-1B								
	OS=Mus								
Q9W	musculus	14	5	5	5	484	53.9	5.78	9565813.375
UM3	OX=10090								
	GN=Coro1b								
	PE=1 SV=1								
	Geranylgeranyl								
	transferase								
	type-2 subunit								
Q9JH	alpha OS=Mus	17	10	10	10	567	64.9	5.8	13701552.56
K4	musculus								
	OX=10090								
	GN=Rabggta								

PE=1 SV=1

SH3

domain-binding

protein 1

A2A5	OS=Mus	14	6	6	6	584	64.7	5.67	9150204.766
V2	musculus								

OX=10090

GN=Sh3bp1

PE=1 SV=1

Y-box-binding

protein 3

Q9JK	OS=Mus								
B3	musculus	19	5	8	5	361	38.8	9.69	22183624.88

OX=10090

GN=Ybx3 PE=1

SV=2

	Glycogen								
	[starch]								
	synthase,								
Q9Z1	muscle OS=Mus	11	6	7	6	738	83.9	6.11	8597376.875
E4	musculus								
	OX=10090								
	GN=Gys1 PE=1								
	SV=2								
	RNA helicase								
	OS=Mus								
Q3U8	musculus	16	7	7	7	427	49.1	5.87	15303028
37	OX=10090								
	GN=Ddx39a								
	PE=2 SV=1								
Q499	Methionine--tR	10	5	6	5	586	65.8	8.09	6188909.469
X9	NA ligase,								

	mitochondrial								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Mars2								
	PE=1 SV=2								
	60S ribosomal								
	protein L6								
	OS=Mus								
P4791	musculus	23	6	7	6	296	33.5	10.7	14385059.19
1	OX=10090								
	GN=Rpl6 PE=1								
	SV=3								
A0A0	Anaphase-prom								
G2JD	oting complex	10	5	5	5	732	82.2	6.77	4298215.781
M7	subunit	5							

OS=Mus
 musculus
 OX=10090
 GN=Anapc5
 PE=1 SV=1
 cAMP-depende
 nt protein
 kinase type
 II-alpha

A0A0 regulatory

A6YX	subunit	20	6	6	4	380	43.1	4.93	14351820.69
------	---------	----	---	---	---	-----	------	------	-------------

73 OS=Mus
 musculus
 OX=10090
 GN=Prkar2a
 PE=1 SV=1

P3132	cAMP-depende nt protein kinase type II-beta regulatory subunit	18	5	5	3	416	46.1	4.98	3293416
4	OS=Mus musculus OX=10090 GN=Prkar2b PE=1 SV=3 Guanylate-bindi ng protein 2								
Q9Z0	OS=Mus musculus OX=10090	12	5	6	2	589	66.7	5.71	3748010.5
E6									

GN=Gbp2 PE=1

SV=1

Keratin, type II

cytoskeletal 2

epidermal

Q3TT	OS=Mus	8	7	9	3	707	70.9	8.06	67145697
------	--------	---	---	---	---	-----	------	------	----------

Y5	musculus
----	----------

OX=10090

GN=Krt2 PE=1

SV=1

RNA-binding

protein 14

Q8C2	OS=Mus	11	5	5	5	669	69.4	9.67	6791773.5
------	--------	----	---	---	---	-----	------	------	-----------

Q3	musculus
----	----------

OX=10090

GN=Rbm14

PE=1 SV=1

Glutaminyl-tRN

A synthetase

(Fragment)

A0A1

OS=Mus

40LIZ

40

5

7

1

117

13.3

7.55

4313739

musculus

4

OX=10090

GN=Qars PE=1

SV=1

Amidophospho

ribosyltransfera

se (Fragment)

Q3TK

OS=Mus

19

8

8

8

477

52.8

7.21

18197488.44

C5

musculus

OX=10090

GN=Ppat PE=2

	SV=1								
	EPM2A-interact								
	ing protein 1								
Q8VE	OS=Mus								
H5	musculus	8	4	5	4	606	70.1	5.87	4941962.063
	OX=10090								
	GN=Epm2aip1								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q3UK	OS=Mus								
30	musculus	14	8	8	6	518	52.6	9.42	59085585.59
	OX=10090 PE=2								
	SV=1								
Q9JL	Bifunctional								
V6	polynucleotide	18	8	9	8	522	57.2	7.9	15343915.5

	phosphatase/ki								
	nase OS=Mus								
	musculus								
	OX=10090								
	GN=Pnkp PE=1								
	SV=2								
	DNA mismatch								
	repair protein								
	Msh2 OS=Mus								
P4324	musculus	8	8	9	8	935	104.1	5.96	11539480.06
7	OX=10090								
	GN=Msh2 PE=1								
	SV=1								
	Paraspeckle								
Q8R3	component	1	16	6	6	523	58.7	6.67	16119599.88
26	OS=Mus								

	musculus								
	OX=10090								
	GN=Pspc1								
	PE=1 SV=1								
	Keratin, type I								
	cytoskeletal 10								
	OS=Mus								
A2A5	musculus	11	7	7	7	561	57	5.07	209679045
13	OX=10090								
	GN=Krt10 PE=1								
	SV=1								
	Cytoplasmic								
A0A0	FMR1-interactin								
R4J11	g protein	7	8	8	8	1251	144.8	6.95	8662833.375
9	OS=Mus								
	musculus								

OX=10090

GN=Cyfip1

PE=1 SV=1

Serine/threonin

e-protein

phosphatase 4

regulatory

E9Q4	subunit	3A	12	11	11	6	833	95.3	4.94	14707808.06
------	---------	----	----	----	----	---	-----	------	------	-------------

81

OS=Mus

musculus

OX=10090

GN=Ppp4r3a

PE=1 SV=1

Serrate RNA

Q99M

effector	8	6	6	6	875	100.4	5.97	10768633.38
----------	---	---	---	---	-----	-------	------	-------------

R6

molecule

	homolog								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Srrt PE=1								
	SV=1								
	V-type proton								
	ATPase subunit								
	B, kidney								
	isoform								
Q91Y	OS=Mus	12	4	4	1	513	56.8	5.34	910202.75
H6	musculus								
	OX=10090								
	GN=Atp6v1b1								
	PE=1 SV=1								
Q3UV	Protein	9	6	6	6	837	93.4	6.35	10333923.31

G3	FAM91A1								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Fam91a1								
	PE=1 SV=1								
	Protein CIP2A								
	OS=Mus								
D3Z7	musculus	9	9	9	9	907	102.1	6.39	20505916.5
B5	OX=10090								
	GN=Cip2a								
	PE=1 SV=1								
	Mixed lineage								
Q9D2	kinase	15	6	6	6	472	54.3	8.25	23881908.03
Y4	domain-like								
	protein								

OS=Mus
 musculus
 OX=10090
 GN=Mkl PE=1
 SV=1
 Zinc finger
 CCCH-type
 antiviral protein

Q3UP	1	OS=Mus	9	7	7	7	946	106.6	8.27	15612918.09
F5		musculus								
		OX=10090								
		GN=Zc3hav1								
		PE=1 SV=1								
Q6123		Beta-2-syntroph								
5	in	OS=Mus	18	8	9	8	520	56.3	8.69	14830139.31
		musculus								

	OX=10090								
	GN=Sntb2 PE=1								
	SV=2								
	Golgin								
	subfamily	A							
	member	1							
Q9C	OS=Mus								
W79	musculus	10	7	7	7	758	87.3	5.52	7998856.344
	OX=10090								
	GN=Golga1								
	PE=1 SV=2								
	Tether								
Q8VB	containing	UBX							
T9	domain	for	14	4	5	4	550	59.8	6.96
	GLUT4								
	OS=Mus								

musculus

OX=10090

GN=Aspscr1

PE=1 SV=1

Xanthine

dehydrogenase

/oxidase

Q0051	OS=Mus	6	5	5	5	1335	146.5	7.56	5772046.313
-------	--------	---	---	---	---	------	-------	------	-------------

9 musculus

OX=10090

GN=Xdh PE=1

SV=5

Receptor-intera

Q6085	cting	13	7	7	7	656	74.8	6.47	6836872.25
-------	-------	----	---	---	---	-----	------	------	------------

5 serine/threonin

e-protein kinase

	1	OS=Mus								
		musculus								
		OX=10090								
		GN=Ripk1								
		PE=1 SV=1								
		Tripeptidyl								
		aminopeptidase								
		OS=Mus								
Q3TD		musculus	16	5	5	5	562	61.3	6.57	3612279.625
Y6		OX=10090								
		GN=Tpp1 PE=2								
		SV=1								
		Uncharacterize								
Q3TQ	d	protein	13	4	5	4	460	52.2	7.69	7315654.375
Y2		OS=Mus								
		musculus								

OX=10090

GN=Dctn4

PE=2 SV=1

Aspartate

aminotransferas

e, mitochondrial

P0520	OS=Mus	17	7	7	7	430	47.4	9	9564078.688
2	musculus								

OX=10090

GN=Got2 PE=1

SV=1

Keratin, type II

cytoskeletal 73

Q6NX	OS=Mus	9	6	7	2	539	58.9	8.09	4843283.875
H9	musculus								

OX=10090

	GN=Krt73 PE=1								
	SV=1								
	Aconitate								
	hydratase,								
	mitochondrial								
A0A2	(Fragment)								
R8VJ	OS=Mus	58	3	5	1	62	7.5	9.19	1176138.75
W0	musculus								
	OX=10090								
	GN=Aco2 PE=1								
	SV=1								
	Interferon								
	regulatory								
Q8R3	factor 2-binding	16	8	8	8	584	61.7	8.18	16526648.69
Y8	protein	1							
	OS=Mus								

	musculus								
	OX=10090								
	GN=Irf2bp1								
	PE=1 SV=2								
	Tuftelin-interact								
	ing protein 11								
Q9ER	OS=Mus								
A6	musculus	11	9	9	9	838	96.2	5.9	13418770.06
	OX=10090								
	GN=Tfip11								
	PE=1 SV=1								
	Nitric								
	oxide-associate								
Q9JJG	d protein	1 13	7	7	7	693	77.3	8.12	13957007.88
9	OS=Mus								
	musculus								

	OX=10090								
	GN=Noa1 PE=1								
	SV=1								
	Protein-synthesi								
	zing GTPase								
Q3UIJ	OS=Mus								
2	musculus	15	6	6	6	472	51.1	8.4	11104936.63
	OX=10090								
	GN=Eif2s3x								
	PE=2 SV=1								
	Set1/Ash2								
	histone								
E9PU	methyltransfera								
93	se complex	11	5	5	5	534	60.1	6.95	7406208.75
	subunit ASH2								
	OS=Mus								

musculus

OX=10090

GN=Ash2l

PE=1 SV=1

Ifi204 OS=Mus

musculus

A0A1

domesticus

Z3MI

12

7

7

3

640

71.5

8.76

4892017.125

OX=10092

45

GN=Ifi204 PE=3

SV=1

Arylsulfatase A

OS=Mus

P5042

musculus

14

4

4

4

506

53.7

5.87

4382261.5

8

OX=10090

GN=Arsa PE=1

SV=2

	Splicing factor								
	3A subunit 2								
G3UV	OS=Mus								
U2	musculus	16	6	6	6	485	51.2	9.64	24844927.94
	OX=10090								
	GN=Sf3a2 PE=1								
	SV=1								
	LIM								
	domain-contain								
	ing protein 1								
Q9QX	OS=Mus								
D8	musculus	13	5	6	5	668	71.4	6.32	6203766
	OX=10090								
	GN=Limd1								
	PE=1 SV=2								
Q3UY	tRNA	15	9	10	9	613	67.4	7.18	16865104.44

U2	(uracil-5-)-meth yltransferase homolog	A								
	OS=Mus musculus OX=10090 GN=Trmt2a PE=1 SV=1 Leucine-rich repeat-contains									
A0A0	g protein	40								
R4J0	OS=Mus musculus		16	11	11	11	602	68	6.84	17003877.81
W6	OX=10090 GN=Lrrc40 PE=1 SV=1									

Q99K H8	Serine/threonin e-protein kinase								
	24 OS=Mus								
	musculus	15	6	6	6	431	47.9	5.43	10911376.44
	OX=10090 GN=Stk24 PE=1 SV=1 Protein O-GlcNAcase								
Q9EQ Q9	OS=Mus								
	musculus	7	5	5	5	916	103.1	4.92	8246148.375
	OX=10090 GN=Oga PE=1 SV=2								
	Exocyst complex	12	7	7	7	708	81.7	6.8	8505076.688

	component	5							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Exoc5								
	PE=2 SV=1								
	Methylcrotonoyl-CoA								
	carboxylase								
	beta chain,								
Q3UL	mitochondrial	14	7	8	7	563	61.3	8	11886392.5
D5	OS=Mus								
	musculus								
	OX=10090								
	GN=Mccc2								
	PE=1 SV=1								

	Mitochondrial								
	Rho GTPase 2								
Q8JZ	OS=Mus								
N7	musculus	16	7	7	3	620	69	6	6828613.5
	OX=10090								
	GN=Rhot2								
	PE=1 SV=1								
	Extended								
	synaptotagmin-								
Q3TZ	2 OS=Mus								
Z7	musculus	8	6	6	6	845	94.1	7.75	8945999.5
	OX=10090								
	GN=Esyt2 PE=1								
	SV=1								
A6H6	Mitochondrial								
11	intermediate	11	8	8	8	711	80.8	7.15	11767381.06

peptidase

OS=Mus

musculus

OX=10090

GN=Mipep

PE=1 SV=1

Dolichyl-diphos

phooligosacchar

ide--protein

glycosyltransfer

Q3U5	ase subunit 2	13	7	7	7	659	72.1	6.49	5912982.25
05	(Fragment)								

OS=Mus

musculus

OX=10090

GN=Rpn2 PE=2

SV=1

Fructose-bisphosphate aldolase

Q6NY00 OS=Mus musculus 16 6 7 6 364 39.3 8.25 31228382.63

OX=10090

GN=Aldoa

PE=2 SV=1

5'-3'

exoribonuclease

Q9DBR1 2 OS=Mus musculus 8 6 6 6 951 108.6 7.59 4817279.469

OX=10090

GN=Xrn2 PE=1

SV=1

	ATP-dependent								
	RNA helicase								
	SUPV3L1,								
	mitochondrial								
Q80Y	OS=Mus	9	7	7	7	779	87	7.84	10215114.5
D1	musculus								
	OX=10090								
	GN=Supv3l1								
	PE=1 SV=1								
	Acyl-CoA								
	dehydrogenase								
	family member								
Q8K3	10 OS=Mus	6	4	4	4	1069	118.9	8.24	2862881
70	musculus								
	OX=10090								
	GN=Acad10								

PE=1 SV=1

ATP-dependent

RNA helicase

DDX19A

Q6165	OS=Mus	13	6	6	4	478	53.9	6.67	15331623.75
5	musculus								

OX=10090

GN=Ddx19a

PE=1 SV=2

Rho guanine

nucleotide

exchange factor

Q6121	1 OS=Mus	7	5	5	5	920	102.7	5.6	6579859.125
0	musculus								

OX=10090

GN=Arhgef1

PE=1 SV=2

Protein

FAM98A

OS=Mus

Q3TJ

musculus

18

4

4

4

515

55

8.95

3432488.938

Z6

OX=10090

GN=Fam98a

PE=1 SV=1

Polyubiquitin-C

(Fragment)

OS=Mus

E9Q5

musculus

55

4

6

4

201

22.6

7.4

125615592.8

F6

OX=10090

GN=Ubc PE=1

SV=1

	Signal								
	transducing								
	adapter								
	molecule	1							
P7029	OS=Mus	16	5	6	4	548	59.7	4.84	10829161.63
7	musculus								
	OX=10090								
	GN=Stam PE=1								
	SV=3								
	PX								
	domain-contain								
	ing protein								
Q8BX	kinase-like	11	4	4	4	582	65.2	9.38	2379569.156
57	protein								
	OS=Mus								
	musculus								

	OX=10090								
	GN=P _{xk} PE=1								
	SV=2								
	Sorting nexin-27								
	OS=Mus								
Q3U	musculus	15	7	7	7	539	61	6.4	19116800.13
HD6	OX=10090								
	GN=S _{nx27}								
	PE=1 SV=2								
	Copine-2								
	OS=Mus								
P5910	musculus	13	6	6	5	548	61	5.96	4375450.875
8	OX=10090								
	GN=C _{pne2}								
	PE=1 SV=1								
Q7TQ	Ataxin-2-like	8	8	8	8	1049	110.6	8.85	11101560.69

H0	protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Atxn2l								
	PE=1 SV=1								
	Apolipoprotein								
	B receptor								
Q8VB	OS=Mus								
T6	musculus	9	6	6	6	942	102.6	4.36	7295267.125
	OX=10090								
	GN=Apobr								
	PE=1 SV=1								
P9808	SHC-transformi								
3	ng protein	1 11	4	4	4	579	62.6	6.54	3827490.375
	OS=Mus								

musculus

OX=10090

GN=Shc1 PE=1

SV=3

Methylmalonate

-semialdehyde

dehydrogenase

[acylating],

Q9EQ	mitochondrial	12	5	5	5	535	57.9	8.07	6614651.875
20	OS=Mus								

musculus

OX=10090

GN=Aldh6a1

PE=1 SV=1

Q8JZ	Parafibromin	12	7	7	7	531	60.5	9.61	7285596.75
M7	OS=Mus								

musculus

OX=10090

GN=Cdc73

PE=1 SV=1

Atlastin-2

OS=Mus

Q6PA	musculus	12	6	6	5	583	66.2	5.43	7381439.563
06	OX=10090								

GN=At12 PE=1

SV=1

PCI

domain-contain

Q3U8	ing protein	15	6	6	6	456	52.8	7.06	7528169.469
F5	OS=Mus								

musculus

OX=10090

GN=Psmd12

PE=2 SV=1

GST class-pi

(Fragment)

A0A4 OS=Mus

94B90 musculus 42 5 5 5 160 18 5.29 7880898.875

8 OX=10090

GN=Gstp1

PE=1 SV=1

Negative

elongation

factor D

Q922

OS=Mus 10 5 5 5 591 66.2 5.16 8934388.75

L6

musculus

OX=10090

GN=Nelfcd

PE=1 SV=2

Sorting nexin-7

OS=Mus

Q9CY	musculus	17	6	6	6	387	45	5.07	8411426.188
18	OX=10090								

GN=Snx7 PE=1

SV=1

3-phosphoinosit

ide-dependent

protein kinase 1

Q8K3	OS=Mus	9	3	4	3	532	60.9	7.59	2440166.188
L3	musculus								

OX=10090

GN=Pdk1

PE=2 SV=1

	Ubiquitin-like protein ISG15								
Q6433	OS=Mus								
9	musculus	21	2	3	2	161	17.9	7.9	6590394.625
	OX=10090								
	GN=Isg15 PE=1								
	SV=4								
	Trim47 protein								
	OS=Mus								
B7ZN	musculus								
75	OX=10090	13	5	5	5	555	60.9	6.24	3961782
	GN=Trim47								
	PE=2 SV=1								
Q6064	Caseinolytic peptidase	B 13	8	8	8	677	76	8.51	21015415.44
9	protein								

homolog
 OS=Mus
 musculus
 OX=10090
 GN=Clpb PE=1
 SV=1

Protein
 diaphanous

homolog 1

E9PV	OS=Mus								
41	musculus	6	8	8	8	1264	140.3	5.58	11279196
	OX=10090								
	GN=Diaph1								
	PE=1 SV=1								
Q8R3	Cell division								
49	cycle protein 16	11	6	7	6	620	71.4	5.76	10342948.13

homolog
 OS=Mus
 musculus
 OX=10090
 GN=Cdc16
 PE=1 SV=1
 Myelin
 expression

factor 2

A2AT	OS=Mus	11	6	6	6	567	61.1	8.75	19056771.25
P6	musculus								
	OX=10090								
	GN=Myef2								
	PE=1 SV=2								
Q3TH	DNA primase	15	5	5	5	505	58.4	8.32	7527055.938
K0	large subunit								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Prim2								
	PE=2 SV=1								
	Uncharacterize								
	d protein								
Q3UI	OS=Mus								
W3	musculus	14	6	6	6	415	45.7	7.64	210163303.3
	OX=10090								
	GN=Lamp2								
	PE=2 SV=1								
	Very								
F8WG	low-density								
I9	lipoprotein	10	7	7	7	804	88.9	4.84	8011333.063
	receptor								

OS=Mus
 musculus
 OX=10090
 GN=Vldlr PE=1
 SV=1
 Elongator
 complex protein

A0A2	3	OS=Mus								
86YD	musculus		18	8	8	8	553	63	8	13888772.84
B8	OX=10090									
	GN=Elp3	PE=1								
	SV=1									
	CCR4-NOT									
Q8BH	transcription									
15	complex		10	7	7	7	744	81.8	7.68	12445190.38
	subunit	10								

OS=Mus
 musculus
 OX=10090
 GN=Cnot10
 PE=1 SV=1
 Tight
 junction-associ
 ated protein 1

Q9DC	OS=Mus	12	5	5	5	549	60.5	6.14	9859912.563
D5	musculus								
	OX=10090								
	GN=Tjap1 PE=1								
	SV=2								
Q0920	Beta-1,4								
0	N-acetylgalacto	11	6	6	6	533	59.2	8.59	6238938.938
	saminyltransfer								

	ase 1 OS=Mus								
	musculus								
	OX=10090								
	GN=B4galnt1								
	PE=1 SV=1								
	Long-chain-fatt								
	y-acid--CoA								
	ligase	4							
Q9QU	OS=Mus	9	6	6	6	711	79	8.28	10371841.06
J7	musculus								
	OX=10090								
	GN=Acsl4 PE=1								
	SV=2								
Q9D4	Exocyst								
H1	complex	8	7	7	7	924	103.9	7.18	21691547.94
	component	2							

OS=Mus
 musculus
 OX=10090
 GN=Exoc2
 PE=1 SV=1
 RUN and FYVE
 domain-contain
 ing protein 1

Q8BIJ	OS=Mus								
7	musculus	9	5	5	5	712	80.3	5.68	6711530.5
	OX=10090								
	GN=Rufy1								
	PE=1 SV=1								
Q8VC	Triokinase/FM								
30	N cyclase	13	6	6	6	578	59.7	6.92	8122825.25
	OS=Mus								

musculus

OX=10090

GN=Tkfc PE=1

SV=1

Leucyl-cystinyl

aminopeptidase

OS=Mus

Q8C1

musculus	10	8	8	8	1025	117.2	5.96	9048508.656
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29

OX=10090

GN=Lnpep

PE=1 SV=1

RNA helicase

OS=Mus

Q3UA

musculus	11	6	6	6	622	69.7	6.61	5534866.406
----------	----	---	---	---	-----	------	------	-------------

C4

OX=10090

GN=Ddx41

	PE=2 SV=1								
	Gamma-tubulin complex component								
Q3TA J6	OS=Mus musculus OX=10090 GN=Tubgcp3 PE=2 SV=1 Abce1 protein (Fragment)	9	7	7	7	905	103.3	8.4	6579531.125
Q6NX X7	OS=Mus musculus OX=10090 GN=Abce1 PE=2 SV=1	8	5	5	5	575	64.5	8.05	15781202

	Integrase								
	OS=Mus								
Q1W5	musculus	5	6	7	2	1067	119.7	9.26	9010829
W7	OX=10090								
	GN=gag-pol								
	PE=3 SV=1								
	Differentially								
	expressed in								
	FDCP 6								
Q8C2	OS=Mus	10	5	5	5	630	73.4	6.27	7553609.969
K1	musculus								
	OX=10090								
	GN=Def6 PE=1								
	SV=1								
Q8R2	tRNA	10	5	5	5	625	68	7.37	9731970.25
M8	(guanine(26)-N(

2))-dimethyltra

nsferase

OS=Mus

musculus

OX=10090

GN=Trmt1

PE=2 SV=1

Sec24-related

gene family,

member D (S.

cerevisiae)

Q6NX

OS=Mus 7 7 7 7

1032

112.6

7.18

11591139.25

L1

musculus

OX=10090

GN=Sec24d

PE=1 SV=1

	Kelch domain-contain ing protein 4								
G3UZ	OS=Mus musculus	12	5	5	5	527	58.5	5.81	9543734.281
G5	OX=10090 GN=Klhdc4 PE=1 SV=1 Xaa-Pro aminopeptidase								
B7ZM	3 OS=Mus musculus	16	5	5	5	506	56.6	7.68	6490292.063
P1	OX=10090 GN=Xpnpep3 PE=1 SV=1								
H3BK	Melanoma	8	6	6	6	785	88.2	5.05	7522907.125

48	inhibitory activity protein 2 OS=Mus musculus OX=10090 GN=Mia2 PE=1 SV=1 Bifunctional coenzyme A synthase								
Q9DB L7	OS=Mus musculus OX=10090 GN=Coasy PE=1 SV=2	14	6	6	6	563	62	7.11	7975170.625
P5188	ADP/ATP	20	6	6	4	298	32.9	9.73	21542689.25

1	translocase	2							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Slc25a5								
	PE=1 SV=3								
	Protein								
	phosphatase	1							
	regulatory								
	subunit	12C							
Q3U	OS=Mus	8	4	4	4	782	84.6	6	4859958.313
MT1	musculus								
	OX=10090								
	GN=Ppp1r12c								
	PE=1 SV=1								
Q8C3	Aldehyde	14	6	6	5	484	54	8.35	6766781.75

C9	dehydrogenase OS=Mus musculus OX=10090 GN=Aldh3a2 PE=2 SV=1 Tr-type G domain-contain ing protein								
Q8CC V1	OS=Mus musculus OX=10090 GN=Gsp1 PE=2 SV=1	11	5	5	5	498	55.6	5.55	8312431.875
Q99L M2	CDK5 regulatory	11	6	6	5	503	57	4.83	12852999.38

	subunit-associated protein 3								
	OS=Mus musculus								
	OX=10090								
	GN=Cdk5rap3								
	PE=1 SV=1								
	Guanylate-binding protein 1								
	OS=Mus musculus								
Q01514	musculus	12	6	6	3	589	67.7	5.54	10830664.63
	OX=10090								
	GN=Gbp1 PE=1 SV=1								
Q8VE D5	Keratin, type II cytoskeletal 79	7	6	7	1	531	57.5	7.69	23747640

	OS=Mus								
	musculus								
	OX=10090								
	GN=Krt79 PE=1								
	SV=2								
	Paraplegin								
	OS=Mus								
D3YZ	musculus	9	5	5	5	676	75	7.4	5350230.781
N4	OX=10090								
	GN=Spg7 PE=1								
	SV=1								
	Adenylosuccina								
	te lyase								
Q3TM	OS=Mus	13	5	5	5	484	54.8	7.44	10371476.09
B8	musculus								
	OX=10090								

	GN=Adsl PE=2								
	SV=1								
	I-kappa-B								
	kinase OS=Mus								
Q3TP	musculus	10	7	7	6	719	82.1	7.71	15353515.94
N9	OX=10090								
	GN=Chuk PE=2								
	SV=1								
	Septin-11								
	OS=Mus								
Q8C1	musculus	16	6	7	5	431	49.7	6.68	20839533.75
B7	OX=10090								
	GN=Septin11								
	PE=1 SV=4								
Q0224	Catenin beta-1	7	6	6	4	781	85.4	5.86	8167283.469
8	OS=Mus								

	musculus								
	OX=10090								
	GN=Ctnnb1								
	PE=1 SV=1								
	Protein zwilch								
	homolog								
	OS=Mus								
H3BK	musculus	11	5	5	5	475	53.9	6.48	9999716.625
Z0	OX=10090								
	GN=Zwilch								
	PE=1 SV=1								
	PBK1 OS=Mus								
	musculus								
Q1PG	domesticus	11	4	4	4	465	52	10.01	5181950.75
84	OX=10092								
	GN=Rsl1d1								

	PE=2 SV=1								
	Serine/threonin								
	e-protein kinase								
Q922	RIO1 OS=Mus								
Q2	musculus	11	6	6	6	567	64.9	6.57	16537436.91
	OX=10090								
	GN=Riok1								
	PE=1 SV=2								
	Microtubule-ass								
	ociated protein								
B2RW	1S OS=Mus								
W1	musculus	9	7	7	7	973	103	7.02	11257381.13
	OX=10090								
	GN=Map1s								
	PE=2 SV=1								

	Centrosomal								
	protein of 170								
	kDa OS=Mus								
Q6A0	musculus	4	5	5	5	1588	174.9	7.17	4658726.375
65	OX=10090								
	GN=Cep170								
	PE=1 SV=2								
	YTH								
	domain-contain								
	ing family								
	protein 2								
Q91Y	OS=Mus	9	5	5	2	579	62.2	8.79	10535127
T7	musculus								
	OX=10090								
	GN=Ythdf2								
	PE=1 SV=1								

	Signal								
	transducer and								
	activator of								
	transcription 2								
Q9W	OS=Mus	9	6	6	6	923	105.4	5.27	2057845.563
VL2	musculus								
	OX=10090								
	GN=Stat2 PE=1								
	SV=1								
	Predicted								
	pseudogene								
A0A2	5478 OS=Mus								
R8VH	musculus	9	6	7	3	535	57.9	6.2	13662580.38
P3	OX=10090								
	GN=Gm5478								
	PE=1 SV=1								

	GTP-binding									
	nuclear protein									
Q3UL	Ran OS=Mus									
W0	musculus	30	5	5	5	216	24.3	7.9	23779213.38	
	OX=10090									
	GN=Ran PE=2									
	SV=1									
	Serine (or									
	cysteine)									
	peptidase									
	inhibitor, clade									
F8WI	B, member 6a	15	6	6	6	399	44.7	6.38	15827118.63	
V2	OS=Mus									
	musculus									
	OX=10090									
	GN=Serpib6a									

PE=1 SV=1

Caspase-8

OS=Mus

O8911	musculus	11	5	7	5	480	55.3	5.25	8785312.438
0	OX=10090								

GN=Casp8

PE=1 SV=1

Septin OS=Mus

B7ZC	musculus								
46	OX=10090	10	4	6	3	440	50.9	6.09	6678635.75

GN=Septin8

PE=1 SV=1

Q8BT	alpha-1,2-Mann								
W7	osidase	11	4	4	4	459	52.4	6.92	6492020.125

(Fragment)

OS=Mus
 musculus
 OX=10090
 GN=Man1b1
 PE=2 SV=1
 5-aminolevulina
 te synthase

A0A0	OS=Mus								
R4J0X	musculus	9	5	5	5	641	70.9	8.53	7898258.5
2	OX=10090								
	GN=Alas1 PE=1								
	SV=1								
	RRM								
Q3TL	domain-contain								
Q9	ing protein	7	3	3	3	611	68.8	5.67	12618810.75
	OS=Mus								

musculus

OX=10090

GN=Eif4b PE=2

SV=1

Neural

Wiskott-Aldrich

syndrome

protein

Q91Y

OS=Mus 14 7 7 7 501 54.2 7.93 18351655.75

D9

musculus

OX=10090

GN=Wasl PE=1

SV=1

Anthrax toxin

Q6DF

receptor 2 14 5 5 5 487 53.2 7.56 3822874.563

X2

OS=Mus

	musculus								
	OX=10090								
	GN=Antxr2								
	PE=1 SV=1								
	Conserved								
	oligomeric								
	Golgi complex								
	subunit	8							
Q3U5	OS=Mus	8	4	4	4	640	71.6	5.19	3554612.531
F9	musculus								
	OX=10090								
	GN=Cog8 PE=2								
	SV=1								
	Protein								
Q9JH	O-glucosyltrans	12	6	6	6	502	57.9	7.9	7031006.5
P7	ferase	2							

OS=Mus
 musculus
 OX=10090
 GN=Poglut2
 PE=1 SV=1
 mRNA

(2'-O-methylade
 nosine-N(6)-m
 ethyltransferase

P5911
 4

OS=Mus	9	6	6	6	706	80.5	7.64	3191091.688
musculus								
OX=10090								

GN=Pcif1 PE=1
 SV=1

Q80Y
 G4

SEC63 OS=Mus	8	6	7	6	760	87.8	5.34	9274575.875
musculus								

OX=10090

GN=Sec63 PE=2

SV=1

Tyrosine-protein
phosphatase
non-receptor

P29351	type 6 OS=Mus musculus	11	6	6	6	595	67.5	7.81	8650948.063
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OX=10090

GN=Ptpn6

PE=1 SV=2

mRNA decay

activator

P23949	protein ZFP36L2	11	4	4	4	484	50	8.24	8948103.5
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OS=Mus

	musculus								
	OX=10090								
	GN=Zfp36l2								
	PE=1 SV=2								
	Extended								
	synaptotagmin-								
	1 OS=Mus								
Q3U7	musculus	7	7	7	7	1092	121.5	5.95	8129202
R1	OX=10090								
	GN=Esyt1 PE=1								
	SV=2								
	Methylcrotonoyl-CoA								
Q99M	carboxylase	9	6	6	6	717	79.3	7.83	7629300.063
R8	subunit alpha, mitochondrial								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Mccc1								
	PE=1 SV=2								
	Xaa-Pro								
	aminopeptidase								
B1AV	2 OS=Mus								
D2	musculus	11	6	6	6	741	83.7	6.67	11396136.03
	OX=10090								
	GN=Xpnpep2								
	PE=1 SV=1								
	FHF complex								
Q8CD	subunit HOOK								
M8	interacting	10	7	7	7	764	86	5.25	5944574.656
	protein 2A								

OS=Mus
 musculus
 OX=10090
 GN=Fhip2a
 PE=1 SV=2
 Probable
 ATP-dependent
 RNA helicase

DDX28

Q9C	OS=Mus	13	6	6	6	540	59.5	10.04	4424894.563
-----	--------	----	---	---	---	-----	------	-------	-------------

WT6

musculus

OX=10090

GN=Ddx28

PE=2 SV=2

Q6Y5	Rho	8	6	6	6	786	89.3	7.18	7833351.188
------	-----	---	---	---	---	-----	------	------	-------------

D8

GTPase-activati

ng protein 10

OS=Mus

musculus

OX=10090

GN=Arhgap10

PE=1 SV=2

Vat1 protein

(Fragment)

OS=Mus

Q5RK

musculus

14

5

5

5

401

42.5

6.37

6395035.063

P0

OX=10090

GN=Vat1 PE=2

SV=1

Ankycorbin

Q9EP

OS=Mus

7

5

5

5

979

108.8

6.27

4057665.438

71

musculus

OX=10090

GN=Rai14 PE=1

SV=1

Cytochrome c,

somatic

OS=Mus

P6289

musculus

38

4

5

4

105

11.6

9.58

10153364.06

7

OX=10090

GN=Cyca PE=1

SV=2

ARHGAP18

(Fragment)

A0A2

OS=Mus

X0SY

musculus

9

6

6

6

665

75.1

6.73

1732963.5

S9

OX=10090

GN=ARHGAP1

8 PE=4 SV=1

Lactadherin

OS=Mus

P2195	musculus	13	6	6	6	463	51.2	6.52	7364097.813
6	OX=10090								

GN=Mfge8

PE=1 SV=3

2-(3-amino-3-carboxypropyl)histidine synthase

Q9CR	subunit	2							
25	OS=Mus	9	3	4	3	489	52.3	5.53	4543279.438

musculus

OX=10090

GN=Dph2 PE=1

SV=1

	RNA binding motif protein 28								
Q8R2	OS=Mus musculus	11	5	5	5	500	56.3	9.64	7129413.5
W6	OX=10090 GN=Rbm28 PE=2 SV=1								
	RBR-type E3 ubiquitin transferase								
H9KV	OS=Mus musculus	11	6	7	6	476	56.2	5.36	15813689.97
21	OX=10090 GN=Arih1 PE=1 SV=1								
Q5Q	Uncharacterize	10	5	5	5	742	83.6	6.1	1049312.219

NU0	d	protein							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Nup88								
	PE=2 SV=1								
	All-trans-retinol								
	13,14-reductase								
H3BJ5	OS=Mus								
1	musculus	10	4	4	4	548	61.1	9.07	4946418.813
	OX=10090								
	GN=Retsat								
	PE=1 SV=1								
B1AU	Motile sperm								
74	domain-contain	12	6	6	6	518	59.8	5.76	7824604.844
	ing protein 2								

OS=Mus
 musculus
 OX=10090
 GN=Mospd2
 PE=1 SV=1
 Amyloid beta
 A4 precursor
 protein-binding
 family B
 member

Q8R5
 A3

1-interacting 8 5 5 5 670 74.3 5.35 11298060.13
 protein

OS=Mus
 musculus
 OX=10090
 GN=Apbb1ip

PE=1 SV=2

DNA

damage-bindin

g protein 1

Q3U1	OS=Mus	6	4	4	4	1140	126.8	5.26	1482726.594
------	--------	---	---	---	---	------	-------	------	-------------

J4 musculus

OX=10090

GN=Ddb1 PE=1

SV=2

HDAg

domain-contain

Q3UK	ing protein	12	4	4	4	530	57.6	9.11	1567886.375
------	-------------	----	---	---	---	-----	------	------	-------------

41 OS=Mus

musculus

OX=10090

	GN=Nelfa PE=2								
	SV=1								
	Phosphoglycerate mutase 1								
Q9DB	OS=Mus								
J1	musculus	23	4	4	4	254	28.8	7.18	6363174.813
	OX=10090								
	GN=Pgam1								
	PE=1 SV=3								
	Leucine-rich repeat								
A0A0	flightless-interacting protein 2								
G2JF		12	4	4	3	437	49.7	6.19	8055506.625
V5	OS=Mus								
	musculus								
	OX=10090								

	GN=Lrrfip2								
	PE=1 SV=1								
	Kinesin-like								
	protein KIF2C								
Q922S	OS=Mus								
8	musculus	9	6	6	6	721	81	7.97	11728426.5
	OX=10090								
	GN=Kif2c PE=1								
	SV=1								
	Uncharacterize								
	d protein								
	(Fragment)								
Q3TJ0	OS=Mus	8	4	4	4	577	63.4	9.74	10515394.5
7	musculus								
	OX=10090								
	GN=Stau1 PE=2								

SV=1

Large subunit

GTPase 1

homolog

Q3U	OS=Mus	9	5	5	5	644	73.1	6.51	8034458.063
M18	musculus								

OX=10090

GN=Lsg1 PE=1

SV=2

Gamma-tubulin

complex

A0A1	component								
B0GR	(Fragment)	6	6	6	6	900	102.7	6.77	7225044.938

08	OS=Mus								
	musculus								

OX=10090

	GN=Tubgcp2								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
Q3U6	OS=Mus								
Q1	musculus	8	5	5	5	641	69.8	8.62	12522412.88
	OX=10090								
	GN=Wbp11								
	PE=2 SV=1								
	Uncharacterize								
	d protein								
Q3U5	OS=Mus								
R2	musculus	10	6	7	6	582	65.6	8.48	12816035.44
	OX=10090								
	GN=Pigt PE=2								
	SV=1								

	Squamous cell carcinoma antigen recognized by T-cells	3								
Q9JLI	OS=Mus musculus	7	7	7	7	962	109.6	5.24	11905407.88	
8	OX=10090 GN=Sart3 PE=1 SV=1 Complex I-9kD									
	OS=Mus musculus									
Q3U4	OX=10090	14	3	3	3	468	50.5	8.97	4546793.25	
22	GN=Ndufv3 PE=1 SV=1									

	CCR4-NOT transcription complex subunit	1							
Q6ZQ 08	OS=Mus musculus OX=10090 GN=Cnot1 PE=1 SV=2 Striatin-4 OS=Mus	2	6	6	6	2375	266.6	7.11	4696740.938
P5840 4	musculus OX=10090 GN=Strn4 PE=1 SV=2	9	5	5	5	760	81.6	5.38	8377447.156
P2754	Microtubule-ass	5	5	5	5	1125	117.4	4.98	17993712.75

6	ociated protein									
4	OS=Mus									
	musculus									
	OX=10090									
	GN=Map4									
	PE=1 SV=3									
	Eukaryotic									
	translation									
	initiation factor									
Q05D	5B OS=Mus	4	4	4	4	1216	137.5	5.59	1271839.094	
44	musculus									
	OX=10090									
	GN=Eif5b PE=1									
	SV=2									
P6315	Crooked	9	6	6	6	690	83.4	6.93	6124083.438	
4	neck-like									

	protein	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Crnk11								
	PE=1 SV=1								
	Dynamin-1								
	OS=Mus								
P3905	musculus	7	7	7	1	867	97.7	7.74	1131789.875
3	OX=10090								
	GN=Dnm1								
	PE=1 SV=2								
	Structural								
Q3UL	maintenance of	4	5	6	5	1233	139.2	8.4	4432596.375
S2	chromosomes								
	protein								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Smc2 PE=2								
	SV=1								
	Poly(rC)-bindin								
	g protein 1								
P6033	OS=Mus								
5	musculus	18	5	5	4	356	37.5	7.09	8882322.375
	OX=10090								
	GN=Pcbp1								
	PE=1 SV=1								
	Integrin alpha-6								
Q6173	OS=Mus								
9	musculus	5	5	5	5	1091	122.1	7.03	4691519.313
	OX=10090								

GN=Itga6 PE=1

SV=3

Double-strand

break repair

protein

Q3UJ	OS=Mus	6	4	4	4	679	77	6	3758707.875
N6	musculus								

OX=10090

GN=Mre11a

PE=2 SV=1

Stromal

interaction

P8309	molecule	2							
3	OS=Mus	8	4	4	3	746	83.9	6.79	2655915.688

musculus

OX=10090

	GN=Stim2								
	PE=1 SV=2								
	U4/U6 small								
	nuclear								
	ribonucleoprote								
	in Prp4								
Q9DA	OS=Mus	12	5	5	5	521	58.3	7.28	4320405.625
W6	musculus								
	OX=10090								
	GN=Prpf4 PE=1								
	SV=1								
	Protein kinase								
	domain-contain								
Q3TR	ing protein	10	4	5	4	454	51.3	5.35	4871439.813
G2	OS=Mus								
	musculus								

	OX=10090								
	GN=Map3k20								
	PE=2 SV=1								
	Lactb protein								
	OS=Mus								
Q80U	musculus	10	5	5	5	551	60.6	8.82	3815349.625
J8	OX=10090								
	GN=Lactb PE=2								
	SV=1								
	Krt78 protein								
	(Fragment)								
	OS=Mus								
Q0VD	musculus	4	3	4	2	492	54.7	6.19	32537666.63
M9	OX=10090								
	GN=Krt78 PE=2								
	SV=1								

	Keratin, type I cytoskeletal 17								
Q9Q	OS=Mus								
WL7	musculus	7	4	5	3	433	48.1	5.06	112788202.9
	OX=10090								
	GN=Krt17 PE=1								
	SV=3								
	Uncharacterize d protein (Fragment)								
Q3TQ	OS=Mus								
D9	musculus	6	5	5	5	901	99.7	6.55	6747298.938
	OX=10090								
	GN=Sardh								
	PE=2 SV=1								
Q8C7	Prenylcysteine	10	4	4	4	495	54.8	7.65	5884721.875

K6	oxidase-like								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Pcyox1l								
	PE=1 SV=1								
	Lysosomal acid								
	phosphatase								
A0A5	OS=Mus								
F8MP	musculus	12	5	5	5	434	49.6	7.02	21141048.88
S7	OX=10090								
	GN=Acp2 PE=1								
	SV=1								
G3X9	Sec24-related								
72	gene family,	6	5	5	5	1096	118.5	6.84	5615361.125
	member C (S.								

cerevisiae)

OS=Mus

musculus

OX=10090

GN=Sec24c

PE=1 SV=1

Hyaluronan

mediated

motility

receptor

Q0054

OS=Mus

13

4

4

4

794

91.7

5.52

8633477.5

7

musculus

OX=10090

GN=Hmnr

PE=1 SV=4

Q8VD

WASH complex

10

4

4

4

475

51.6

5.44

3408969.75

D8	subunit	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Washc1								
	PE=1 SV=1								
	Tubulin alpha								
	chain-like	3							
Q3UX	OS=Mus								
10	musculus	7	3	4	1	446	50	5.58	5197084.5
	OX=10090								
	GN=Tubal3								
	PE=2 SV=2								
Q80V	N-acetylgalacto								
A0	saminyltransfer	11	5	5	5	657	75.4	7.93	4119466.781
	ase 7 OS=Mus								

	musculus								
	OX=10090								
	GN=Galnt7								
	PE=1 SV=2								
	ATPase								
	WRNIP1								
	OS=Mus								
Q91X	musculus	9	5	5	5	660	71.7	6.18	4753360.063
U0	OX=10090								
	GN=Wrnip1								
	PE=1 SV=2								
	Keratin, type II								
	cytoskeletal	2							
Q3UV	oral OS=Mus	6	5	6	1	594	62.8	8.43	78208536
17	musculus								
	OX=10090								

	GN=Krt76 PE=1								
	SV=1								
	Cofilin-1								
	OS=Mus								
P1876	musculus	30	4	4	4	166	18.5	8.09	5269357.031
0	OX=10090								
	GN=Cf11 PE=1								
	SV=3								
	Forkhead box								
	protein K1								
	OS=Mus								
P4212	musculus	8	5	5	5	719	74.9	9.17	4487025.781
8	OX=10090								
	GN=Foxk1								
	PE=1 SV=2								
P5185	Glutathione	9	5	5	5	474	52.2	5.8	11732916.75

5	synthetase								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Gss PE=1								
	SV=1								
	Uncharacterize								
	d protein								
Q3U6	OS=Mus								
45	musculus	9	4	4	4	659	75.3	9.22	3057057.469
	OX=10090								
	GN=Abcd3								
	PE=2 SV=1								
O3523	Tyrosine-protei								
9	n phosphatase	11	6	6	6	593	67.9	8.1	2852248.625
	non-receptor								

	type 9 OS=Mus								
	musculus								
	OX=10090								
	GN=Ptpn9								
	PE=1 SV=2								
	Mitogen-activat								
	ed protein								
	kinase kinase								
	kinase 2								
G5E8	OS=Mus	10	6	6	4	619	69.6	8.32	9064489.563
L8	musculus								
	OX=10090								
	GN=Map3k2								
	PE=1 SV=1								
Q8K2	RNA	10	4	4	4	535	60.5	4.65	4710701.25
T8	polymerase								

II-associated
 factor 1
 homolog
 OS=Mus
 musculus
 OX=10090
 GN=Paf1 PE=1
 SV=1
 Complement
 component
 receptor 1-like

Q6473	protein	10	4	4	4	483	53.7	6.65	7649976.313
5	OS=Mus								
	musculus								
	OX=10090								
	GN=Cr1l PE=1								

SV=1

Tetratricopeptid
e repeat protein

G3X8	39C OS=Mus								
X1	musculus	12	4	4	4	522	58.9	7.5	6381907.125
	OX=10090								
	GN=Ttc39c								
	PE=1 SV=2								
	Mutated in								
	colorectal								
	cancers								
G3U	OS=Mus								
W40	musculus	6	3	3	3	828	92.8	5.48	3295992.125
	OX=10090								
	GN=Mcc PE=1								
	SV=1								

	Vesicle-fusing								
	ATPase								
A0A0	OS=Mus								
A0M	musculus	8	5	5	4	892	97.1	8.24	3461940.75
Q80	OX=10090								
	GN=Spata5								
	PE=1 SV=1								
	Sec1 family								
	domain-contain								
	ing protein 2								
Q8BT	OS=Mus								
Y8	musculus	9	5	5	5	684	74.7	6.81	3082264.75
	OX=10090								
	GN=Scfd2 PE=1								
	SV=1								
Q8K3	DCC-interactin	8	5	5	5	707	79.3	5.41	6011173.438

H0	g	protein								
	13-alpha									
	OS=Mus									
	musculus									
	OX=10090									
	GN=App1									
	PE=1 SV=1									
	HRDC									
	domain-contain									
	ing	protein								
Q3U	OS=Mus		8	5	5	5	887	100.9	8.32	3790993.156
NK6	musculus									
	OX=10090									
	GN=Exosc10									
	PE=2 SV=1									
Q6452	Histone	H2A	22	1	2	1	129	14	10.9	450693.7813

3	type	2-C								
	OS=Mus									
	musculus									
	OX=10090									
	GN=H2ac20									
	PE=1 SV=3									
	Nsp1_C									
	domain-contain									
	ing	protein								
Q3UD	OS=Mus		10	4	4	4	526	53.3	5.22	6535157.75
G5	musculus									
	OX=10090									
	GN=Nup62									
	PE=2 SV=1									
A2BE	Ribosomal		7	5	5	5	776	89.4	4.44	9891873.875
28	biogenesis									

	protein	LAS1L								
	OS=	Mus								
	musculus									
	OX=	10090								
	GN=	Las1l	PE=	1						
	SV=	1								
	Sulfhydryl									
	oxidase		2							
Q3TM	OS=	Mus								
X7	musculus		6	4	4	4	692	77.7	8.59	4034895.188
	OX=	10090								
	GN=	Qsox2								
	PE=	1	SV=	1						
Q8K1	Leucine-rich									
C9	repeat-contains		5	3	3	3	807	88.1	8.31	2511580.625
	g protein		41							

OS=Mus
 musculus
 OX=10090
 GN=Lrrc41
 PE=1 SV=3

Armadillo
 repeat-contains
 g protein 8

Q9DB	OS=Mus								
R3	musculus	8	5	5	5	673	75.3	6.73	5369694.438

OX=10090
 GN=Armc8
 PE=1 SV=2

Q91Z	Polypyrimidine								
31	tract-binding protein	11	4	5	3	531	57.5	8.66	1085330.375

	OS=Mus								
	musculus								
	OX=10090								
	GN=Ptp2								
	PE=1 SV=2								
	Kinectin								
A0A0	OS=Mus								
87WP	musculus	4	4	4	4	1252	143.7	6.13	5062523.813
W5	OX=10090								
	GN=Ktn1 PE=1								
	SV=1								
	Pyruvate								
G5E8	carboxylase								
R3	OS=Mus	6	6	6	6	1178	129.6	6.71	6132907.75
	musculus								
	OX=10090								

	GN=Pcx	PE=1							
	SV=1								
	Sulfatase								
	domain-contain								
	ing	protein							
	(Fragment)								
Q3UB	OS=Mus	9	4	4	4	451	51.5	7.24	20747926
B0	musculus								
	OX=10090								
	GN=Gns	PE=2							
	SV=1								
	Gasdermin-D								
Q9D8	OS=Mus								
T2	musculus	12	6	6	6	487	53.2	5.1	10755647
	OX=10090								
	GN=Gsdmd								

	PE=1 SV=1								
	Torsin-1A-inter								
	acting protein 2								
Q8BY	OS=Mus								
U6	musculus	10	4	4	4	502	54.5	4.86	14496674.5
	OX=10090								
	GN=Tor1aip2								
	PE=1 SV=1								
	Uncharacterize								
	d protein								
	(Fragment)								
Q3UX	OS=Mus								
T5	musculus	11	4	4	4	414	47.3	6.61	5571108.5
	OX=10090								
	GN=Txlna PE=2								
	SV=1								

	Anaphase-promoting complex subunit 7								
D3YU58	OS=Mus musculus OX=10090 GN=Anapc7 PE=1 SV=1 Exocyst complex component 4	10	5	5	5	503	56.1	8.51	4355987.813
O35382	OS=Mus musculus OX=10090 GN=Exoc4 PE=1 SV=2	6	5	5	5	975	110.5	6.49	8438708.563

	Liprin-beta-1								
	OS=Mus								
Q8C8	musculus	5	4	4	4	969	108.5	5.49	3858177.563
U0	OX=10090								
	GN=Ppfibp1								
	PE=1 SV=3								
	Protein								
	phosphatase 1								
	regulatory								
	subunit 12A								
Q9DB	OS=Mus	5	4	4	4	1029	114.9	5.49	4172781
R7	musculus								
	OX=10090								
	GN=Ppp1r12a								
	PE=1 SV=2								
Q99P	Tripartite	9	4	4	4	556	62.9	5.86	3633798.688

P9	motif-containin								
	g protein	16							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Trim16								
	PE=1 SV=2								
	Pumilio								
	homolog	3							
A0A0	OS=Mus								
N4SU	musculus	7	4	4	4	648	72.9	9.66	5371250.5
H4	OX=10090								
	GN=Pum3								
	PE=1 SV=1								
Q3UJ	HMG_CoA_syn	30	2	3	1	105	11.8	5.92	1917370.438
Q2	t_C								

domain-contain
ing protein

(Fragment)

OS=Mus

musculus

OX=10090

GN=Hmgcs1

PE=2 SV=1

Host cell factor

1 OS=Mus

Q6119	musculus									
1	OX=10090	3	5	5	5	2045	210.3	7.18	7807228.75	
	GN=Hcfc1									
	PE=1 SV=2									
Q8R3	Transcription									
L2	factor	25	8	5	5	676	76.6	6.51	6110431.5	

OS=Mus
 musculus
 OX=10090
 GN=Tcf25 PE=1
 SV=2
 Dual specificity
 protein
 phosphatase

Q7TN	OS=Mus	12	4	4	4	452	48.6	5.16	15931461.88
L7	musculus								
	OX=10090								
	GN=Dusp9								
	PE=1 SV=1								
Q7TS	IRFD2								
B3	(Fragment)	5	2	3	2	441	47.8	6.96	1475938.5
	OS=Mus								

	musculus								
	OX=10090								
	GN=Ifrd2 PE=2								
	SV=1								
	SAPS domain								
	family, member								
	1 OS=Mus								
B2RU	musculus	6	4	4	3	856	94.5	4.64	2068244.406
A5	OX=10090								
	GN=Ppp6r1								
	PE=2 SV=1								
	Glutathione								
	hydrolase 1								
Q6092	proenzyme	7	4	4	4	568	61.5	7.15	7987486.375
8	OS=Mus								
	musculus								

	OX=10090								
	GN=Ggt1 PE=1								
	SV=1								
	Dipeptidyl								
	peptidase	2							
Q9ET	OS=Mus								
22	musculus	9	4	4	4	506	56.2	5.39	3630735.625
	OX=10090								
	GN=Dpp7 PE=1								
	SV=2								
	Uncharacterize								
	d protein								
Q8C1	(Fragment)								
12	OS=Mus	9	4	4	4	457	51.4	5.33	3429974.938
	musculus								
	OX=10090								

GN=P3h4 PE=2

SV=1

Lysophosphatid

ylcholine

acyltransferase

Q3TF	1	OS=Mus	7	4	4	4	534	59.7	6.34	5330266.063
------	---	--------	---	---	---	---	-----	------	------	-------------

D2 musculus

OX=10090

GN=Lpcat1

PE=1 SV=1

Mitofusin-2

OS=Mus

Q80U	musculus	6	5	5	4	757	86.1	6.77	6790614.375
------	----------	---	---	---	---	-----	------	------	-------------

63 OX=10090

GN=Mfn2 PE=1

SV=3

Q8R4	Signal transducer and activator of transcription	6	5	5	5	837	93.5	6.23	6756262.438
D4	OS=Mus musculus OX=10090 GN=Stat6 PE=2 SV=1								
P4222	Signal transducer and activator of transcription	3	6	3	3	770	88	6.3	3648535.438
7	OS=Mus musculus OX=10090								

GN=Stat3 PE=1

SV=2

DnaJ homolog

subfamily C

member 1

Q6171	OS=Mus	9	4	4	4	552	63.8	8.97	2709803.875
2	musculus								

OX=10090

GN=Dnajc1

PE=1 SV=1

Ubiquitin

carboxyl-termin

P5247	al hydrolase 10	6	4	4	4	792	87	5.17	3247317.938
9	OS=Mus								

musculus

OX=10090

	GN=Usp10								
	PE=1 SV=3								
	Gasdermin-E								
	OS=Mus								
E9Q5	musculus	13	4	4	4	424	46.8	5.4	6860592.344
V3	OX=10090								
	GN=Gsdme								
	PE=1 SV=1								
	40S ribosomal								
	protein SA								
	OS=Mus								
P1420	musculus	17	4	4	4	295	32.8	4.87	4762240.563
6	OX=10090								
	GN=Rpsa PE=1								
	SV=4								
O5478	Epididymis-spe	4	3	4	3	1018	115.5	7.39	3232135.969

2	cific								
	alpha-mannosid								
	ase OS=Mus								
	musculus								
	OX=10090								
	GN=Man2b2								
	PE=1 SV=2								
	Beclin-1								
	OS=Mus								
O8859	musculus	9	4	4	4	448	51.6	4.93	5854549.25
7	OX=10090								
	GN=Becn1								
	PE=1 SV=3								
Q8BG	Mitochondrial								
51	Rho GTPase 1	9	6	6	4	631	72.2	6.49	4013146.625
	OS=Mus								

	musculus								
	OX=10090								
	GN=Rhot1								
	PE=1 SV=1								
	Pyruvate								
	dehydrogenase								
	protein X								
	component,								
Q8BK	mitochondrial	10	4	4	4	501	54	7.75	16115313.56
Z9	OS=Mus								
	musculus								
	OX=10090								
	GN=Pdhx PE=1								
	SV=1								
Q80U	Ankyrin repeat	8	4	4	4	588	67.1	5.08	4534820.875
P5	domain-contain								

ing protein 13A

OS=Mus

musculus

OX=10090

GN=Ankrd13a

PE=1 SV=2

Cytoplasmic

tRNA

2-thiolation

protein 2

D3Z2	(Fragment)	14	3	3	3	249	27.3	8.19	3692289.688
------	------------	----	---	---	---	-----	------	------	-------------

M0 OS=Mus

musculus

OX=10090

GN=Ctu2 PE=1

SV=1

Q5SW	U6	small									
	nuclear	RNA									
	(adenine-(43)-N										
	(6))-methyltrans										
15	ferase	OS=Mus	8	4	4	4	593	66.8	7.69	6414494.5	
	musculus										
	OX=10090										
	GN=Mettl16										
	PE=1	SV=1									
	Stromal										
	interaction										
A0A1	molecule		1								
B0GR	OS=Mus		9	4	4	3	540	62.2	6.39	3070742.125	
78	musculus										
	OX=10090										
	GN=Stim1										

PE=1 SV=1

Serine/threonin

e-protein

phosphatase 6

regulatory

G5E8	subunit	3								
R4	OS=Mus	4	3	3	2	873	97.8	4.58	1529747.875	

musculus

OX=10090

GN=Ppp6r3

PE=1 SV=1

Condensin-2

complex

Q8BS	subunit	H2	6	4	4	4	607	68.9	4.67	10993854.25
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P2

OS=Mus

musculus

	OX=10090								
	GN=Ncaph2								
	PE=1 SV=1								
	Histone								
	deacetylase	1							
O0910	OS=Mus								
6	musculus	9	4	5	2	482	55	5.48	17450941.06
	OX=10090								
	GN=Hdac1								
	PE=1 SV=1								
	Glucocorticoid								
	receptor								
P0653	OS=Mus								
7	musculus	6	5	5	5	792	87.1	6.35	11940591.56
	OX=10090								
	GN=Nr3c1								

	PE=1 SV=2								
	Exportin-7								
A0A2	OS=Mus								
I3BQ	musculus	6	5	5	5	1088	123.9	6.54	2898872.375
V5	OX=10090								
	GN=Xpo7 PE=1								
	SV=1								
	Ricin B-type								
	lectin								
	domain-contain								
Q3UF	ing protein								
E4	(Fragment)	15	4	4	4	330	38	7.36	6096737.125
	OS=Mus								
	musculus								
	OX=10090								
	GN=Galnt1								

PE=2 SV=1

MKIAA0113

protein

(Fragment)

Q6A0	OS=Mus	8	4	4	4	489	55.6	7.5	5075921.563
C8	musculus								

OX=10090

GN=Tnip1

PE=2 SV=1

Bifunctional

UDP-N-acetylgl

ucosamine

Q3U	2-epimerase/N-	9	5	5	5	753	82.8	7.05	3580892.625
W64	acetylmannosa								

mine kinase

OS=Mus

	musculus								
	OX=10090								
	GN=Gne PE=1								
	SV=1								
	Zinc finger								
	protein 622								
	OS=Mus								
Q91V	musculus	8	3	3	3	476	53.4	6.1	3416459.875
Y9	OX=10090								
	GN=Znf622								
	PE=1 SV=1								
	UTP--glucose-1-								
	phosphate								
Q91ZJ	uridylyltransfer	13	7	7	7	508	56.9	7.61	13244530.69
5	ase OS=Mus								
	musculus								

	OX=10090								
	GN=Ugp2 PE=1								
	SV=3								
	Reticulon								
	OS=Mus								
Q8K3	musculus	18	3	3	3	357	38.5	4.78	6225536.25
G7	OX=10090								
	GN=Rtn4 PE=2								
	SV=1								
	ADP/ATP								
	translocase								
	OS=Mus								
Q8BV	musculus	15	4	4	2	298	32.9	9.74	2369327.75
I9	OX=10090								
	GN=Slc25a4								
	PE=2 SV=1								

	Phosphoserine								
	aminotransferase								
	OS=Mus								
Q3UL	musculus	12	4	4	4	370	40.4	8.03	3650045.188
Z3	OX=10090								
	GN=Psat1 PE=2								
	SV=1								
	Cytoplasmic								
	dynein								
	intermediate								
	chain 1 isoform								
D6Q0	1.4 OS=Mus	9	2	2	1	625	70.6	5.26	
F3	musculus								
	OX=10090								
	GN=Dync1i1								
	PE=2 SV=1								

	Conserved								
	oligomeric								
	Golgi complex								
	subunit	1							
Q3TR	OS=Mus	5	4	4	4	980	109	7.09	2450464.25
89	musculus								
	OX=10090								
	GN=Cog1 PE=2								
	SV=1								
	NADH-cytochr								
	ome	b5							
	reductase	3							
Q9DC	OS=Mus	17	5	5	5	301	34.1	8.38	9634270.875
N2	musculus								
	OX=10090								
	GN=Cyb5r3								

PE=1 SV=3

Cleavage

stimulation

factor subunit 3

Q99LI	OS=Mus	6	5	5	5	717	82.8	8.12	4305316.156
7	musculus								

OX=10090

GN=Cstf3 PE=1

SV=1

General

transcription

Q3U	factor	II-I							
HU8	OS=Mus	4	4	4	4	962	108.3	7.8	3164640.719
	musculus								

OX=10090

GN=Gtf2i PE=1

	SV=1								
	eIF-2-alpha								
	kinase activator								
E9PV	GCN1 OS=Mus								
A8	musculus	2	6	6	5	2671	292.8	7.36	1908415.344
	OX=10090								
	GN=Gcn1 PE=1								
	SV=1								
	Rho								
	GTPase-activati								
	ng protein 22								
Q8BL	OS=Mus								
80	musculus	8	5	5	5	702	77.7	7.88	4825738.563
	OX=10090								
	GN=Arhgap22								
	PE=1 SV=2								

	Protein	PAT1								
	homolog	1								
Q3TC	OS=Mus									
46	musculus	6	4	4	4	770	86.7	6.37		3729445.75
	OX=10090									
	GN=Pat1	PE=1								
	SV=2									
	Condensin									
	complex									
	subunit	1								
Q8K2	OS=Mus									
Z4	musculus	4	4	4	4	1392	155.6	6.38		1353715.375
	OX=10090									
	GN=Ncapd2									
	PE=1	SV=2								
Q3UI	26S proteasome	9	3	3	3	433	48.6	5.95		2268430.688

H5	AAA-ATPase subunit RPT1 OS=Mus musculus OX=10090 GN=Psmc2 PE=2 SV=1 14-3-3 protein zeta/delta (Fragment)								
A0A2 I3BQ0 3	OS=Mus musculus OX=10090 GN=Ywhaz PE=1 SV=1	31	4	4	3	166	19.1	5.52	6621474.375
Q3U4	E3	5	3	3	3	861	97.3	5.47	2024308.313

87	ubiquitin-protein ligase								
	HECTD3								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Hectd3								
	PE=1 SV=2								
	Polypyrimidine tract-binding protein	3							
G3UX	OS=Mus	8	5	6	2	554	59.7	8.94	2889527.625
A6	musculus								
	OX=10090								
	GN=Ptbp3								
	PE=1 SV=1								

	Spectrin	beta									
	chain,										
	non-erythrocyti										
Q6226	c	1	OS=Mus	2	5	5	5	2363	274.1	5.58	3143062.75
1	musculus										
	OX=10090										
	GN=Sptbn1										
	PE=1	SV=2									
	DnaJ	homolog									
	subfamily	C									
	member	21									
E9Q8	OS=Mus			9	4	4	4	531	61.7	5.9	4167048.438
D0	musculus										
	OX=10090										
	GN=Dnajc21										
	PE=1	SV=1									

	Carboxypeptidase								
	OS=Mus								
Q99J29	musculus	8	3	3	3	452	50.9	5.78	4473928.375
	OX=10090								
	GN=Scpep1								
	PE=2 SV=1								
	Stimulator of								
	prostatic								
	adenocarcinoma-specific								
B0LD S3	T-cells-1	13	5	5	5	395	44.1	5.95	9309411.938
	OS=Mus								
	musculus								
	OX=10090								
	GN=Sh3glb2								
	PE=2 SV=1								

	Conserved								
	oligomeric								
	Golgi complex								
	subunit	6							
Q8R3I	OS=Mus	9	4	4	4	657	73	6.14	3568600.594
3	musculus								
	OX=10090								
	GN=Cog6 PE=1								
	SV=2								
	7SK snRNA								
	methylphosphat								
	e capping								
Q8K3	enzyme	8	4	4	4	666	72	9.25	5607307.375
A9	OS=Mus								
	musculus								
	OX=10090								

	GN=Mepce								
	PE=1 SV=2								
	SLAIN								
	motif-containin								
	g protein 2								
Q8CI0	OS=Mus	7	3	3	3	581	62.3	9.47	3821979.063
8	musculus								
	OX=10090								
	GN=Slain2								
	PE=1 SV=2								
	Serine/threonin								
	e-protein kinase								
Q91VJ	38 OS=Mus	9	4	4	4	465	54.1	7.34	3428356.156
4	musculus								
	OX=10090								
	GN=Stk38 PE=1								

	SV=1								
	Non-SMC								
	condensin	I							
	complex,								
	subunit	G							
E9PW	OS=Mus	5	4	4	4	1004	112.8	5.55	4078966.125
G6	musculus								
	OX=10090								
	GN=Ncapg								
	PE=1 SV=1								
	Pre-mRNA-spli								
	cing factor 38B								
Q80S	OS=Mus	9	5	5	5	542	63.7	10.54	9092536.625
Y5	musculus								
	OX=10090								
	GN=Prpf38b								

PE=1 SV=1

Glutamine-rich

protein 1

G3X8
R5

OS=Mus

musculus

4

3

3

3

777

86.5

5.87

3796430.063

OX=10090

GN=Qrich1

PE=1 SV=1

Tubby-related

protein 3

O8841
3

OS=Mus

musculus

10

4

4

4

460

51.2

6.24

4619101.625

OX=10090

GN=Tulp3

PE=1 SV=1

A0A1	60S ribosomal protein L18a (Fragment) OS=Mus	34	4	4	4	123	14.4	10.61	11285098.13
D5R	musculus								
ME4	OX=10090 GN=Rpl18a PE=1 SV=1 GTP-binding protein 4								
A0A2	OS=Mus								
17FL5	musculus	27	4	4	4	164	19.1	9.64	4717646.563
3	OX=10090 GN=Gtpbp4 PE=1 SV=1								
Q8K1	Spermatogenesi	8	4	4	4	545	58.9	9	7981692.25

N4	s-associated serine-rich protein	2							
	OS=Mus musculus OX=10090 GN=Spats2 PE=1 SV=1 Synapse-associated protein	1							
Q9D5 V6	OS=Mus musculus OX=10090 GN=Syap1 PE=1 SV=1	10	4	4	4	365	41.3	4.54	10858249.88
H3BL	Mitochondrial	31	4	5	1	172	19.1	4.51	1084661

14	Rho GTPase 2 (Fragment) OS=Mus musculus OX=10090 GN=Rhot2 PE=1 SV=1 Polyadenylate-b inding protein-interacti ng protein 1								
F6Y61 6	OS=Mus musculus OX=10090 GN=Paip1 PE=1 SV=2	8	4	4	4	484	53.9	4.78	4328630.438

	Uncharacterize								
	d protein								
Q3UP	OS=Mus								
61	musculus	6	4	4	3	872	96.7	5.96	4474416.969
	OX=10090								
	GN=Dlg1 PE=2								
	SV=1								
	Peroxiredoxin-6								
	OS=Mus								
Q6GT	musculus	21	4	4	4	224	24.8	6.37	3901516.938
24	OX=10090								
	GN=Prdx6								
	PE=1 SV=1								
Q6A0	Cell division								
68	cycle 5-like	7	5	5	5	802	92.1	8.02	35749226.13
	protein								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Cdc5l								
	PE=1 SV=2								
	WD								
	repeat-contains								
A0A3	g protein 43								
Q4EH	OS=Mus	11	4	4	4	483	53.2	8.07	4188699.313
N7	musculus								
	OX=10090								
	GN=Wdr43								
	PE=1 SV=1								
P1604	Galectin-1								
5	OS=Mus	27	3	4	3	135	14.9	5.49	12900889.94
	musculus								

OX=10090
 GN=Lgals1
 PE=1 SV=3
 Ganglioside-ind
 uced
 differentiation-a
 ssociated

Q9DB	protein	2							
L2	OS=Mus	8	4	4	4	498	56.2	5.39	3289785.656

musculus
 OX=10090
 GN=Gdap2
 PE=1 SV=1

P1238	ATP-dependent								
2	6-phosphofructokinase, liver	5	3	3	2	780	85.3	7.17	2682598.875

	type	OS=Mus								
	musculus									
	OX=10090									
	GN=Pfkl	PE=1								
	SV=4									
	Leucyl-tRNA									
	synthetase									
Q14D	OS=Mus									
S6	musculus	6	6	6	6	902	101.4	8.19	7730376.938	
	OX=10090									
	GN=Lars2	PE=2								
	SV=1									
	Pre-rRNA-proce									
Q5SW	ssing	protein								
D9	TSR1	homolog	3	2	2	2	803	92	6.99	1718790.625
	OS=Mus									

	musculus								
	OX=10090								
	GN=Tsr1 PE=1								
	SV=1								
	Serine/threonin								
	e-protein								
	phosphatase 4								
	regulatory								
Q922	subunit 3B	6	6	6	1	820	93.9	4.86	379214.7188
R5	OS=Mus								
	musculus								
	OX=10090								
	GN=Ppp4r3b								
	PE=1 SV=2								
Q91YJ	Translation	6	4	4	4	727	81.2	7.24	2969185.688
5	initiation factor								

	IF-2, mitochondrial OS=Mus musculus OX=10090 GN=Mtif2 PE=1 SV=2 Proliferation-ass ociated protein								
P5058 0	2G4 OS=Mus musculus OX=10090 GN=Pa2g4 PE=1 SV=3	10	4	4	4	394	43.7	6.86	4018648.938
Q923 T9	Calcium/calmo dulin-dependen	10	4	4	2	529	59.6	7.58	2458189.5

t protein kinase

type II subunit

gamma

OS=Mus

musculus

OX=10090

GN=Camk2g

PE=1 SV=1

Long-chain-fatt

y-acid--CoA

ligase 1

D3Z0	OS=Mus	5	4	5	2	699	78	7.47	1999479.625
------	--------	---	---	---	---	-----	----	------	-------------

41 musculus

OX=10090

GN=Acs11 PE=1

SV=1

	RNA helicase (Fragment)								
A7YY 79	OS=Mus musculus	5	5	5	5	925	105.7	6.73	3429404.828
	OX=10090								
	GN=Ddx58								
	PE=2 SV=1								
	Propionate--Co A ligase								
Q8C1 41	OS=Mus musculus	7	4	4	4	701	78.8	6.79	4961054.875
	OX=10090								
	GN=Acss2								
	PE=2 SV=1								
Q9DB U3	Serine/threonin e-protein kinase	8	5	5	5	519	58.7	5.69	11212241.56

	RIO3 OS=Mus								
	musculus								
	OX=10090								
	GN=Riok3								
	PE=1 SV=3								
	Peroxiredoxin-1								
	OS=Mus								
P3570	musculus	24	4	4	4	199	22.2	8.12	19179234.75
0	OX=10090								
	GN=Prdx1								
	PE=1 SV=1								
	Serine/threonin								
	e-protein								
Q3TP	phosphatase 2A	12	4	5	4	403	46.6	6.01	7651659.75
C5	55 kDa								
	regulatory								

	subunit	B							
	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Ppp2r2a								
	PE=2 SV=1								
	A-kinase anchor								
	protein	8							
Q9DB	OS=Mus								
R0	musculus	5	3	3	3	687	76.2	5.14	33729186.5
	OX=10090								
	GN=Akap8								
	PE=1 SV=1								
Q9Z1	SHC	SH2							
79	domain-binding	8	6	6	6	668	75.9	4.97	4436525.031

protein 1

OS=Mus

musculus

OX=10090

GN=Shcbp1

PE=1 SV=1

TAF15 RNA

polymerase II,

TATA box

binding protein

Q8BQ	(TBP)-associate	10	4	10	2	557	58.6	8.4	2035324.625
46	d factor								

OS=Mus

musculus

OX=10090

GN=Taf15 PE=1

SV=1

Kinesin-like
protein
(Fragment)

Q80U	OS=Mus	5	4	4	4	757	86.5	7.69	5522636
27	musculus								
	OX=10090								
	GN=Kif3b PE=2								
	SV=1								
	Eukaryotic								
	translation								
P6324	initiation factor	31	3	4	3	154	16.8	5.24	3370086.563
2	5A-1 OS=Mus								
	musculus								
	OX=10090								

	GN=Eif5a PE=1								
	SV=2								
	Discoidin								
	domain-contain								
	ing receptor 2								
Q6237	OS=Mus	6	5	5	5	854	96.4	5.49	5322356.063
1	musculus								
	OX=10090								
	GN=Ddr2 PE=1								
	SV=2								
	Arf-GAP with								
A0A1	GTPase, ANK								
D5R	repeat and PH	10	3	3	2	396	42.4	8.06	2986231.313
MG4	domain-contain								
	ing protein 3								
	OS=Mus								

	musculus									
	OX=10090									
	GN=Agap3									
	PE=1 SV=1									
	Calcium/calmo									
	dulin-dependen									
	t protein kinase									
	type II subunit									
Q8CC	delta OS=Mus	11	3	3	1	361	40.7	7.78	3248729	
M0	musculus									
	OX=10090									
	GN=Camk2d									
	PE=1 SV=1									
	Mitochondrial									
Q9CX	potassium	6	4	4	4	717	78	9.07	3195634.688	
J4	channel									

	ATP-binding subunit								
	OS=Mus musculus								
	OX=10090								
	GN=Abcb8								
	PE=1 SV=1								
	Protein zyg-11 homolog B								
Q3UF S0	OS=Mus musculus	6	3	3	3	744	83.9	6.87	527518.9375
	OX=10090								
	GN=Zyg11b								
	PE=1 SV=2								
Q5U4 C7	Gramd4 protein (Fragment)	5	3	3	3	681	78	9.63	5024441.25

OS=Mus
 musculus
 OX=10090
 GN=Gramd4
 PE=2 SV=1
 Ribonuclease
 inhibitor

A0A1	OS=Mus								
B0GS	musculus	8	3	3	3	492	53.9	5.01	2624402.25
G5	OX=10090								
	GN=Rnh1 PE=1								
	SV=1								
	Pyruvate								
P3548	dehydrogenase	8	3	3	3	390	43.2	8.19	3199928.5
6	E1 component subunit alpha,								

somatic form,
mitochondrial
OS=Mus
musculus
OX=10090
GN=Pdha1
PE=1 SV=1
Calcium uptake
protein 2,
mitochondrial

Q8CD	OS=Mus	7	2	2	2	432	49.4	9.45	2258307.125
10	musculus								
	OX=10090								
	GN=Micu2								
	PE=1 SV=2								

	Golgi-associate d PDZ and coiled-coil motif-contains									
Q8BH 60	g protein OS=Mus musculus OX=10090 GN=Gopc PE=1 SV=1 OTU domain-contains	8	4	4	4	463	50.6	6.25	4623254.875	
B2RU R8	ing protein 7B OS=Mus musculus OX=10090	8	6	6	6	840	91.9	6.86	12757563.5	

	GN=Otud7b								
	PE=1 SV=1								
	Macrophage-ca								
	pping protein								
Q3UJ	OS=Mus								
44	musculus	10	3	3	3	349	38.6	6.73	4200224.5
	OX=10090								
	GN=Capg PE=2								
	SV=1								
	Microtubule-ass								
	ociated protein								
P1487	1B OS=Mus								
3	musculus	1	3	3	3	2464	270.1	4.83	4146831.75
	OX=10090								
	GN=Map1b								
	PE=1 SV=2								

	Leucine-rich repeat flightless-intera cting protein 1								
Q3UZ 39	OS=Mus musculus OX=10090 GN=Lrrfip1 PE=1 SV=2 Inositol 1,4,5-trisphosph ate	6	3	3	2	729	79.2	4.82	1274803.156
Q3TN L8	receptor-interac ting protein OS=Mus musculus	6	3	3	3	555	63.2	5.72	1012593.438

	OX=10090								
	GN=Itprp								
	PE=1 SV=1								
	Tyrosine-protei								
	n phosphatase								
	non-receptor								
	type	23							
Q6PB	OS=Mus	2	3	3	3	1692	185.1	6.8	2268885.344
44	musculus								
	OX=10090								
	GN=Ptpn23								
	PE=1 SV=2								
	Uncharacterize								
Q9D8	d protein	26	4	4	3	192	21.5	8.5	3862094.75
59	OS=Mus								
	musculus								

OX=10090

GN=Rac1 PE=2

SV=1

Peptidyl-prolyl

cis-trans

isomerase

Q9Z2	FKBP9 OS=Mus	6	3	4	3	570	63	5.21	10103720.19
47	musculus								

OX=10090

GN=Fkbp9

PE=1 SV=1

N-alpha-acetyl

transferase 35,

Q6PH	NatC auxiliary	7	5	5	5	725	83.3	7.3	4405590.125
Q8	subunit								

OS=Mus

musculus

OX=10090

GN=Naa35

PE=1 SV=1

Heterogeneous

nuclear

ribonucleoprote

Q8C2	in H OS=Mus	10	3	3	3	472	51.2	6.8	3016201.375
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Q7 musculus

OX=10090

GN=Hnrnp1

PE=1 SV=1

Sarcolemmal

H7BX	membrane-asso	5	4	4	4	828	95	5.35	1839527.594
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64 ciated protein

OS=Mus

	musculus								
	OX=10090								
	GN=Slmap								
	PE=1 SV=1								
	80K protein								
A0A0	OS=Mus								
A1H	musculus	11	2	2	2	309	29.7	4.34	6960422.25
AM8	OX=10090								
	GN=Marcks								
	PE=2 SV=1								
	Elongation								
	factor 1-gamma								
Q9D8	OS=Mus	8	3	3	3	437	50	6.74	5521491.125
N0	musculus								
	OX=10090								
	GN=Eef1g PE=1								

	SV=3								
	VPS35								
	endosomal								
	protein-sorting								
	factor-like								
I1E4X 5	OS=Mus musculus	3	3	3	3	991	111.9	7.58	2590084
	OX=10090								
	GN=Vps35l								
	PE=1 SV=1								
	N-terminal								
	kinase-like								
R4H4 V1	protein OS=Mus musculus	5	3	3	3	749	82.4	6.25	3045536.125
	OX=10090								

	GN=Scyl1	PE=1							
	SV=1								
	Histone								
	deacetylase	2							
A0A0	OS=Mus								
R4J00	musculus	7	3	4	1	488	55.3	5.91	
8	OX=10090								
	GN=Hdac2								
	PE=1	SV=1							
	Brain-specific								
	angiogenesis								
	inhibitor								
B1AZ	1-associated	7	3	3	3	521	57.6	8.79	3716219.188
46	protein	2							
	OS=Mus								
	musculus								

OX=10090
 GN=Baiap2
 PE=1 SV=1
 Phosphate
 carrier protein,
 mitochondrial

Q3TH	OS=Mus	10	4	4	4	357	39.6	9.19	15770799
U8	musculus								
	OX=10090								
	GN=Slc25a3								
	PE=2 SV=1								
	Importin-13								
Q8K0	OS=Mus								
C1	musculus	4	3	3	3	963	108.2	5.3	2199856.188
	OX=10090								
	GN=Ipo13 PE=1								

	SV=1								
	Signal								
	transducing								
	adapter								
O8881	molecule	2							
1	OS=Mus	7	3	4	2	523	57.4	5.07	1722087.625
	musculus								
	OX=10090								
	GN=Stam2								
	PE=1 SV=1								
	Type	I							
	epidermal								
Q6178	keratin mRNA,								
2	3'end	33	2	2	1	93	10.7	6.3	2219433.5
	(Fragment)								
	OS=Mus								

musculus

OX=10090 PE=2

SV=1

Serine/threonin

e-protein kinase

tousled-like 2

O5504	OS=Mus	5	4	4	3	718	82.2	8.27	3797316.688
7	musculus								

OX=10090

GN=TIk2 PE=1

SV=2

SNW

A0A0 domain-contain

B4J1E	ing protein	1	5	2	2	2	536	61.4	9.48	4209517.75
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2 OS=Mus

musculus

	OX=10090								
	GN=Snw1 PE=1								
	SV=1								
	Bone marrow								
	stromal antigen								
	2 OS=Mus								
Q8R2	musculus	16	3	3	3	172	19.1	7.34	8133475
Q8	OX=10090								
	GN=Bst2 PE=1								
	SV=1								
	RNA-binding								
	protein 12								
Q8R4	OS=Mus	5	4	4	4	992	102.7	8.32	5952458.125
X3	musculus								
	OX=10090								
	GN=Rbm12								

PE=1 SV=3

40S ribosomal

protein S4

OS=Mus

Q545F

musculus

16

4

4

4

245

27.5

9.94

10632752.88

8

OX=10090

GN=Rps4x

PE=2 SV=1

Pleckstrin

homology

domain-contain

Q8K1

ing family O

8

4

4

4

495

53.8

5.5

7833385.438

24

member 2

OS=Mus

musculus

OX=10090

GN=Plekho2

PE=1 SV=1

Kinesin-like

protein KIF3A

OS=Mus

P2874

musculus	5	3	3	3	701	80.1	6.54	3604066.75
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1

OX=10090

GN=Kif3a PE=1

SV=2

60S ribosomal

protein L7a

OS=Mus

P1297

musculus	9	3	3	3	266	30	10.56	8142976.625
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0

OX=10090

GN=Rpl7a

PE=1 SV=2

P20060	Beta-hexosaminidase subunit beta OS=Mus musculus	8	5	5	5	536	61.1	8.12	3535232.375
	OX=10090								
	GN=Hexb PE=1								
	SV=2								
A0A3B2W	Kinetochore protein Hec1 OS=Mus musculus	6	4	4	4	629	72.7	7.3	25498165.31
AS6	OX=10090								
	GN=Ndc80								
	PE=1 SV=1								
J3QN W0	DNA (cytosine-5)-met	3	5	5	5	1501	169.9	7.69	4023713.375

hyltransferase

OS=Mus

musculus

OX=10090

GN=Dnmt1

PE=1 SV=1

Leukocyte

surface antigen

A0A2 CD47 OS=Mus

R8VI9 musculus 10 3 3 3 278 30.4 8.72 5454836.063

4 OX=10090

GN=Cd47 PE=1

SV=1

Exocyst

Q6P1

complex 4 4 4 4 901 102.6 6.47 9126127.656

Y9

component 1

OS=Mus
 musculus
 OX=10090
 GN=Exoc1
 PE=1 SV=1
 eEF1A lysine
 and N-terminal
 methyltransfera

Q91Y	se	OS=Mus	7	4	4	4	698	78.7	6.83	6635136.375
R5	musculus									

OX=10090
 GN=Mettl13
 PE=1 SV=1

Q8K0	Vascular	cell								
X1	adhesion		8	5	5	5	739	81.3	5.3	5021021.5
	molecule		1							

OS=Mus
 musculus
 OX=10090
 GN=Vcam1
 PE=2 SV=1
 Non-specific
 serine/threonin
 e protein kinase

G5E8	OS=Mus								
84	musculus	9	4	4	1	544	60.6	5.86	267052.625
	OX=10090								
	GN=Pak1 PE=1								
	SV=1								
Q8B	N-alpha-acetyl								
WZ3	ransferase	25, 4	4	4	4	972	111.6	6.52	1879564.688
	NatB auxiliary								

subunit

OS=Mus

musculus

OX=10090

GN=Naa25

PE=1 SV=1

GTPase-activating protein and
VPS9 domain-containing protein

Q6PA	ing protein	1							
R5	OS=Mus	2	3	3	3	1458	162.3	5.19	1327682.125

musculus

OX=10090

GN=Gapvd1

PE=1 SV=2

	Phosphatidylet hanolamine-bin ding protein 1								
P7029 6	OS=Mus musculus OX=10090 GN=Pebp1 PE=1 SV=3 GYF domain-contain ing protein	21	2	2	2	187	20.8	5.4	1895778.063
Q3U4 A3	OS=Mus musculus OX=10090 GN=Cd2bp2 PE=2 SV=1	8	3	3	3	342	37.7	4.6	3882642

	Uncharacterize								
	d protein								
Q3TB	OS=Mus								
D4	musculus	6	4	4	4	746	84.7	5.74	9480025.188
	OX=10090								
	GN=Bicd2 PE=2								
	SV=1								
	Protein								
	disulfide-isomer								
	ase TMX3								
Q8BX	OS=Mus								
Z1	musculus	8	4	4	4	456	51.8	5.16	6800019.938
	OX=10090								
	GN=Tmx3 PE=1								
	SV=2								
Q0420	Transcription	8	4	4	4	549	60.2	5.76	6523114.875

7	factor p65								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Rela PE=1								
	SV=1								
	Phosphatase								
	and actin								
	regulator 4								
Q501J	OS=Mus	6	3	3	3	694	76.6	6.48	3135980.25
7	musculus								
	OX=10090								
	GN=Phactr4								
	PE=1 SV=2								
Q8R0	DNA ligase	5	4	4	4	916	102.2	6.81	3154508.375
55	OS=Mus								

	musculus								
	OX=10090								
	GN=Lig1 PE=1								
	SV=1								
	4'-phosphopant								
	etheine								
	phosphatase								
Q80Y	OS=Mus	4	3	3	3	820	91.5	6.71	1226191.125
V4	musculus								
	OX=10090								
	GN=Pank4								
	PE=1 SV=2								
	MKIAA4032								
Q571	protein	4	3	3	2	749	84.5	6.65	2038023.813
M0	(Fragment)								
	OS=Mus								

musculus

OX=10090

GN=Mfn1 PE=2

SV=1

Docking protein

1 OS=Mus

P9746	musculus	10	3	3	3	482	52.4	6.57	1886891.031
5	OX=10090								

GN=Dok1 PE=1

SV=2

Uncharacterize

d protein

Q3UG	OS=Mus	6	5	5	5	837	95.6	6.33	5148782.188
C1	musculus								

OX=10090

GN=Strip1

PE=2 SV=1

Protein

regulator of
cytokinesis 1

G3XA 79	OS=Mus musculus	6	3	3	3	525	61.7	8.28	2917096.625
------------	--------------------	---	---	---	---	-----	------	------	-------------

OX=10090

GN=Prc1 PE=1

SV=1

Protein PML

OS=Mus

Q6095 3	musculus OX=10090	4	3	3	3	885	98.2	5.63	2880490.563
------------	----------------------	---	---	---	---	-----	------	------	-------------

GN=Pml PE=1

SV=3

UBX
 domain-contain
 ing protein 7

Q3UG	OS=Mus	6	3	3	3	489	54.8	5.16	4795892.563
------	--------	---	---	---	---	-----	------	------	-------------

V7
 musculus
 OX=10090
 GN=Ubxn7
 PE=2 SV=1
 MKIAA0723
 protein
 (Fragment)

Q6ZQ	OS=Mus	4	2	2	2	852	95.2	6.27	500930.375
------	--------	---	---	---	---	-----	------	------	------------

61
 musculus
 OX=10090
 GN=Matr3
 PE=2 SV=1

	AP-3 complex								
	subunit beta-1								
Q9Z1	OS=Mus								
T1	musculus	4	5	5	5	1105	122.7	5.66	4430745.469
	OX=10090								
	GN=Ap3b1								
	PE=1 SV=2								
	Uncharacterize								
	d protein								
	(Fragment)								
Q922F	OS=Mus	4	2	6	1	491	56.9	5.1	15921775.25
6	musculus								
	OX=10090 PE=2								
	SV=1								
Q9D2	Protein Noxp20								
81	OS=Mus	8	3	3	3	569	61	4.56	5180166.25

musculus

OX=10090

GN=Fam114a1

PE=1 SV=1

Nucleolar

complex protein

4 homolog

Q8BH	OS=Mus	8	4	4	4	516	58.6	6.77	4560290.375
------	--------	---	---	---	---	-----	------	------	-------------

Y2 musculus

OX=10090

GN=Noc4l

PE=2 SV=1

MHC class Ib

Q9TQ	antigen Qa-1d	9	3	3	1	357	40.8	6.3	8308148.531
------	---------------	---	---	---	---	-----	------	-----	-------------

B1 OS=Mus

musculus

OX=10090

GN=H2-T23

PE=2 SV=2

4-trimethylamin

obutyraldehyde

dehydrogenase

Q3U3	OS=Mus	11	4	4	4	518	55.9	7.46	3530639.344
67	musculus								

OX=10090

GN=Aldh9a1

PE=1 SV=1

Bis(5'-adenosyl)

-triphosphatase

Q8BTJ	enpp4 OS=Mus	5	2	3	2	456	51.6	6.73	6411553
4	musculus								

OX=10090

	GN=Enpp4								
	PE=1 SV=1								
	Cd80 protein								
	OS=Mus								
Q3U4	musculus	17	4	4	4	307	34.7	7.59	50644550.38
B5	OX=10090								
	GN=Cd80 PE=2								
	SV=1								
	Glycogenin								
	OS=Mus								
K3W4	musculus	12	4	4	4	377	41.9	6.02	5503152
S6	OX=10090								
	GN=Gyg PE=1								
	SV=1								
P1414	60S ribosomal	17	4	4	4	270	31.4	10.89	7360373.625
8	protein L7								

OS=Mus
 musculus
 OX=10090
 GN=Rpl17 PE=1
 SV=2
 Predicted gene,
 547127 OS=Mus

B2RV	musculus	6	2	2	2	474	54.9	6.79	3839041
R2	OX=10090								
	GN=Tmem181b								
	-ps PE=2 SV=1								
	Hepatocyte								
Q99LI	growth								
8	factor-regulated	5	4	4	4	775	86	6.16	9261458.75
	tyrosine kinase								
	substrate								

OS=Mus
 musculus
 OX=10090
 GN=Hgs PE=1
 SV=2
 ATP-dependent
 RNA helicase
 DDX18

Q8K3	OS=Mus								
63	musculus	5	3	3	3	660	74.1	9.52	5225997
	OX=10090								
	GN=Ddx18								
	PE=1 SV=1								
Q3TH	Histone H2A.V								
W5	OS=Mus	23	1	1	1	128	13.5	10.58	378910.2188
	musculus								

	OX=10090								
	GN=H2az2								
	PE=1 SV=3								
	Formin-binding								
	protein	1							
A2AQ	OS=Mus								
43	musculus	5	3	3	3	554	64.6	5.24	2308313.063
	OX=10090								
	GN=Fnbp1								
	PE=1 SV=1								
	Oxysterol-bindi								
	ng								
	protein								
F8W	OS=Mus								
H20	musculus	4	3	3	3	819	93	6.54	1650385.5
	OX=10090								
	GN=Osbp13								

PE=1 SV=1

40S ribosomal
protein S9
(Fragment)

F7CJS	OS=Mus	23	4	4	4	135	16.2	10.8	6985564.25
8	musculus								

OX=10090

GN=Rps9 PE=1

SV=1

Pescadillo

homolog

Q9EQ	OS=Mus	7	4	4	4	584	67.8	6.84	5198434.75
61	musculus								

OX=10090

GN=Pes1 PE=1

SV=1

	AMP deaminase								
A0A1	OS=Mus								
L1SR	musculus	4	3	3	2	775	89.5	7.14	447204.9063
X2	OX=10090 GN=Ampd3 PE=1 SV=1 Junction plakoglobin								
Q0225	OS=Mus								
7	musculus	4	3	3	1	745	81.7	6.14	508738.4375
	OX=10090 GN=Jup PE=1 SV=3								
Q3U8	Myotubularin								
96	phosphatase	7	4	4	4	545	62.9	6.62	3168348.094

domain-containing protein

OS=Mus

musculus

OX=10090

GN=Mtmr9

PE=2 SV=1

Nucleoside

diphosphate

kinase B

Q0176	OS=Mus		28	3	3	3	152	17.4	7.5	4542850.438
8	musculus									
	OX=10090									
	GN=Nme2									
	PE=1 SV=1									

Q3UD	Rab-GAP	TBC	5	3	3	3	652	73.7	5.3	2366974.969
------	---------	-----	---	---	---	---	-----	------	-----	-------------

U6	domain-containing protein									
	OS=Musculus									
	OX=10090									
	GN=Tbc1d17									
	PE=2 SV=1									
	Selenocysteine-specific elongation factor									
A0A0N4SU	OS=Musculus	5	3	3	3	534	58	7.33		3247630.25
V6	OX=10090									
	GN=Eefsec									
	PE=1 SV=1									
A0A2	MHC class I	11	3	3	2	298	34.1	6.37		3216693.75

86R3P	antigen								
2	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=H2 PE=2								
	SV=1								
	D-glucuronyl								
	C5-epimerase								
Q9EP	OS=Mus								
S3	musculus	6	3	3	3	618	70	8.85	1950975.25
	OX=10090								
	GN=Glce PE=1								
	SV=2								
Q3TX	Alpha-1,6-mann								
N3	osyl-glycoprotei	9	3	3	3	442	51	8.59	2703303

n
 2-beta-N-acetyl
 glucosaminyltra
 nsferase
 OS=Mus
 musculus
 OX=10090
 GN=Mgat2
 PE=2 SV=1
 Calcium-bindin
 g and
 coiled-coil
 domain-contain 4 2 2 2 633 70.9 4.86 645221.75
 ing protein 1
 OS=Mus
 musculus

E9Q7
U2

	OX=10090								
	GN=Calcoco1								
	PE=1 SV=1								
	Galectin								
	(Fragment)								
Q3V4	OS=Mus								
71	musculus	20	3	3	3	186	19.9	9.5	2349751.188
	OX=10090								
	GN=Lgals3								
	PE=2 SV=1								
	Scavenger								
	receptor class B								
Q6100	member	1							
9	OS=Mus	8	2	2	2	509	56.7	8.09	5094879.75
	musculus								
	OX=10090								

	GN=Scarb1								
	PE=1 SV=1								
	Transcription								
	factor Sp1								
O8909	OS=Mus								
0	musculus	4	1	1	1	784	80.7	7.34	1656990.625
	OX=10090								
	GN=Sp1 PE=1								
	SV=2								
	Leucine-rich								
	repeat and								
F6VQ	calponin								
19	homology	4	3	3	3	784	86.1	6.65	3154337.625
	domain-contain								
	ing protein 2								
	(Fragment)								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Lrch2								
	PE=1 SV=1								
	Cdc211 protein								
	(Fragment)								
Q8R1	OS=Mus								
90	musculus	9	3	3	3	362	41	8.48	2394831.094
	OX=10090								
	GN=Cdk11b								
	PE=2 SV=1								
	Uncharacterize								
Q3UX	d protein								
S5	OS=Mus	7	3	3	3	532	58.5	7.58	2750936
	musculus								

OX=10090

GN=Ghdc PE=2

SV=1

Rac

GTPase-activati

ng protein 1

Q9W	OS=Mus	5	3	3	3	628	70.1	8.51	4411330
-----	--------	---	---	---	---	-----	------	------	---------

VM1 musculus

OX=10090

GN=Racgap1

PE=1 SV=1

Protein arginine

N-methyltransf

Q922	erases 7 OS=Mus	5	3	3	3	692	78.3	5.74	2279569.375
------	-----------------	---	---	---	---	-----	------	------	-------------

X9 musculus

OX=10090

	GN=Prmt7									
	PE=1 SV=1									
	Arf-GAP with									
	coiled-coil,									
	ANK repeat									
	and PH									
A0A3	domain-contain									
38P6P	ing protein	2	4	3	3	3	805	91.1	6.43	2889892.688
6	OS=Mus									
	musculus									
	OX=10090									
	GN=Acap2									
	PE=1 SV=1									
Q91W	Threonylcarba									
E6	moyladenosine	6		3	3	3	578	65.2	7.65	729370.625
	tRNA									

methylthiotrans
 ferase OS=Mus
 musculus
 OX=10090
 GN=Cdkal1
 PE=1 SV=1
 Coiled-coil
 domain-contain
 ing protein 6

D3YZ	OS=Mus	8	3	3	3	469	52.9	7.34	4939442.875
P9	musculus								
	OX=10090								
	GN=Ccdc6								
	PE=1 SV=1								
A0A0	Enhancer of	2	2	2	2	1390	150.6	5.68	2408918.75
R4J1Q	mRNA-decappi								

0	ng protein 4								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Edc4 PE=1								
	SV=1								
	Ras-related								
	protein Rab-1A								
P6282	OS=Mus								
1	musculus	17	3	3	3	205	22.7	6.21	3569602.875
	OX=10090								
	GN=Rab1A								
	PE=1 SV=3								
Q9D7	HAUS								
86	augmin-like	6	3	3	3	619	69.5	8.43	1944795.313
	complex								

	subunit	5							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Haus5								
	PE=1 SV=1								
	Band	4.1							
	OS=Mus								
A2A8	musculus	3	3	3	3	869	97.2	5.49	6324103.563
41	OX=10090								
	GN=Epb41								
	PE=1 SV=1								
	Medium-chain								
Q8VC	acyl-CoA ligase	5	3	3	3	615	67.9	8.18	10507575.63
W8	ACSF2,								
	mitochondrial								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Acsf2 PE=1								
	SV=1								
	CAP-Gly								
	domain-contain								
	ing linker								
	protein 2								
Q9Z0	OS=Mus	3	3	3	3	1047	115.8	6.48	2770856.25
H8	musculus								
	OX=10090								
	GN=Clip2 PE=1								
	SV=2								
Q9Z1	Phosphatidylser								
Q2	ine lipase	5	3	3	3	558	63	8.25	539371.7344

ABHD16A

OS=Mus

musculus

OX=10090

GN=Abhd16a

PE=1 SV=3

Lysine-specific

demethylase 9

OS=Mus

Q80T

musculus

4

2

2

2

795

89.2

8.65

1328605.688

69

OX=10090

GN=Rsb1

PE=1 SV=3

tRNA

Q9D3

pseudouridine

8

4

4

4

527

59.7

6.49

5035206.594

U0

synthase Pus10

	OS=Mus								
	musculus								
	OX=10090								
	GN=Pus10								
	PE=1 SV=1								
	Exopolyphosph								
	atase PRUNE1								
Q8BI	OS=Mus								
W1	musculus	6	2	2	2	454	50.2	5.11	1321242.063
	OX=10090								
	GN=Prune1								
	PE=1 SV=1								
	Transcriptional								
Q0089	repressor	8	4	4	4	414	44.7	6.29	14108039.75
9	protein YY1								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Yy1 PE=1								
	SV=1								
	Uncharacterize								
	d protein								
	OS=Mus								
Q3UL	musculus	13	2	2	2	177	19.5	7.71	2397729.75
K8	OX=10090								
	GN=Cnbp PE=1								
	SV=1								
	60S ribosomal								
	protein L13a								
P1925	OS=Mus	14	3	3	3	203	23.4	11.02	27793560.25
3	musculus								
	OX=10090								

	GN=Rpl13a								
	PE=1 SV=4								
	La-related								
	protein	4							
G3X9	OS=Mus								
Q6	musculus	5	3	3	3	719	79.7	6.51	6467433.563
	OX=10090								
	GN=Larp4								
	PE=1 SV=1								
	Histone	H3							
	(Fragment)								
A1L0	OS=Mus								
V4	musculus	24	1	1	1	135	15.3	11.12	
	OX=10090								
	GN=Hist1h3i								
	PE=2 SV=1								

Q5RK	60S ribosomal protein L13	15	3	3	3	210	24.6	9.98	4706023.688
P3	OS=Mus musculus								
	OX=10090								
	GN=Rpl13								
	PE=2 SV=1								
	Hsc70-interactin g protein								
F8WJ	OS=Mus musculus	8	3	3	3	362	40.5	5.3	4557110.875
K8	OX=10090								
	GN=St13 PE=1								
	SV=1								
Q8BI	F-box/WD repeat-containin	5	2	2	2	598	67.9	6.16	1638279.25
A4									

g protein 8

OS=Mus

musculus

OX=10090

GN=Fbxw8

PE=1 SV=2

Tyrosine-protei

n kinase

receptor UFO

Q0099	OS=Mus	4	2	2	2	888	98.1	5.74	1147544.375
3	musculus								
	OX=10090								
	GN=Axl PE=1								
	SV=2								
Q3TIP	Chloride	15	3	3	3	241	27.1	5.27	3754728.875
8	intracellular								

channel protein

OS=Mus

musculus

OX=10090

GN=Clic1 PE=2

SV=1

Antithrombin-II

I (Fragment)

A0A0 OS=Mus

A6Y musculus 9 3 3 3 286 31.9 8.25 14598570.13

WH7 OX=10090

GN=Serpinc1

PE=1 SV=1

Alanine

Q8BG aminotransferas 7 3 3 3 522 57.9 8 2133102.703

T5 e 2 OS=Mus

	musculus								
	OX=10090								
	GN=Gpt2 PE=1								
	SV=1								
	Phospholipase								
	DDHD2								
	OS=Mus								
Q80Y	musculus	5	4	4	4	699	79.5	5.31	4855980.25
98	OX=10090								
	GN=Ddhd2								
	PE=1 SV=3								
	Amyloid-beta								
	A4 precursor								
E9PW	protein-binding	4	3	3	3	738	80.6	6.05	3345415.125
H3	family								
	member	2							

	OS=Mus								
	musculus								
	OX=10090								
	GN=Apbb2								
	PE=1 SV=1								
	Protein SDA1								
A0A0	OS=Mus								
J9YV2	musculus	4	3	3	3	686	79.4	9.17	5374246.375
0	OX=10090								
	GN=Sdad1								
	PE=1 SV=1								
	F-BAR domain								
	only protein 2								
Q3UQ	OS=Mus	5	3	3	3	809	88.7	6.89	3603158.75
N2	musculus								
	OX=10090								

	GN=Fcho2								
	PE=1 SV=1								
	Glutathione								
	S-transferase								
	omega-1								
O0913	OS=Mus	13	3	3	3	240	27.5	7.36	3659919.25
1	musculus								
	OX=10090								
	GN=Gsto1								
	PE=1 SV=2								
	Protein kinase C								
	delta type								
Q3U	OS=Mus	5	4	4	4	674	77.5	7.39	3208684.313
NG2	musculus								
	OX=10090								
	GN=Prkcd								

PE=2 SV=1

Protein

flightless-1

homolog

Q9JJ2	OS=Mus	2	2	2	2	1271	144.7	6.06	3861139.438
8	musculus								

OX=10090

GN=Flii PE=1

SV=1

Hepatoma-deri

ved growth

factor-related

Q3U	protein	2	4	3	3	2	669	74.2	8.66	4062615.875
MU9										

OS=Mus

musculus

OX=10090

	GN=Hdgfl2								
	PE=1 SV=1								
	Secretory								
	carrier-associate								
	d membrane								
O3560	protein	3							
9	OS=Mus	8	2	2	2	349	38.4	7.64	1345036.375
	musculus								
	OX=10090								
	GN=Scamp3								
	PE=1 SV=3								
	Protein Smaug								
Q8CB	homolog	1							
Y1	OS=Mus	5	3	3	3	711	78.3	7.97	3715613.813
	musculus								
	OX=10090								

	GN=Samd4a								
	PE=1 SV=2								
	Uncharacterize								
	d protein								
Q3UB	OS=Mus								
67	musculus	6	2	2	2	403	46.1	10.18	3153691.625
	OX=10090								
	GN=Rpl3 PE=2								
	SV=1								
	Coiled-coil								
	domain-contain								
Q8VC	ing protein 9								
31	OS=Mus	7	4	4	4	543	61.4	5	7837574.875
	musculus								
	OX=10090								
	GN=Ccdc9								

	PE=1 SV=1								
	Prolyl								
	3-hydroxylase 1								
	OS=Mus								
Q3V1	musculus	5	3	3	3	739	83.6	5.14	4727982.75
T4	OX=10090								
	GN=P3h1 PE=1								
	SV=2								
	Histone H2A								
	type 3 OS=Mus								
Q8BF	musculus	22	1	1	1	130	14.1	11.05	325803.4375
U2	OX=10090								
	GN=H2aw								
	PE=1 SV=3								
A2AG	Cytoskeleton-as	1	2	2	2	2032	225.5	7.96	1400470.375
T5	sociated protein								

	5	OS=Mus								
		musculus								
		OX=10090								
		GN=Ckap5								
		PE=1 SV=1								
		Relb protein								
		OS=Mus								
Q8K2		musculus	4	2	2	2	555	59.9	5.95	2943743.625
20		OX=10090								
		GN=Relb PE=1								
		SV=1								
		Nisch protein								
		(Fragment)								
B7ZN		OS=Mus	2	2	2	2	1424	155.8	5.08	2652811.375
33		musculus								
		OX=10090								

	GN=Nisch								
	PE=2 SV=1								
	HAUS								
	augmin-like								
	complex								
Q8QZ	subunit	3							
X2	OS=Mus	5	3	3	3	570	66.3	5.29	2217425.75
	musculus								
	OX=10090								
	GN=Haus3								
	PE=1 SV=1								
	Transcription								
	elongation								
Q8CG	regulator	1	3	3	3	1100	123.7	8.65	2809120.375
F7	OS=Mus								
	musculus								

	OX=10090								
	GN=Tcerg1								
	PE=1 SV=2								
	TBC1 domain								
	family member								
	22A OS=Mus								
Q8R5	musculus	6	4	4	4	516	59.3	6.46	4169414.313
A6	OX=10090								
	GN=Tbc1d22a								
	PE=1 SV=3								
	SCY1-like								
	protein	2							
Q80U	(Fragment)	14	3	3	3	274	31.1	7.03	5254313.5
Y7	OS=Mus								
	musculus								
	OX=10090								

GN=Scyl2 PE=1

SV=1

Probable

ATP-dependent

RNA helicase

DDX27

Q921

OS=Mus	3	2	2	2	760	85.9	9.25	738034.125
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N6

musculus

OX=10090

GN=Ddx27

PE=1 SV=3

Band 4.1-like

protein 2

O7031

OS=Mus	4	4	4	4	988	109.9	5.43	5269709
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8

musculus

OX=10090

	GN=Epb41l2								
	PE=1 SV=2								
	Annexin A5								
	OS=Mus								
P4803	musculus	9	3	3	3	319	35.7	4.96	4059684
6	OX=10090								
	GN=Anxa5								
	PE=1 SV=1								
	V-type proton								
	ATPase subunit								
	H OS=Mus								
Q8BV	musculus	6	3	3	3	483	55.8	6.61	4308479.063
E3	OX=10090								
	GN=Atp6v1h								
	PE=1 SV=1								
Q8VI	Immunity-relate	6	3	3	3	583	59.3	4.83	3628656.25

M9	d	GTPase								
	family	Q								
	protein									
	OS=Mus									
	musculus									
	OX=10090									
	GN=Irgq	PE=1								
	SV=1									
	MKIAA4106									
	protein									
	(Fragment)									
Q571	OS=Mus		4	3	3	3	748	87.1	6.99	3639906
A2	musculus									
	OX=10090									
	GN=Cul2	PE=2								
	SV=1									

A0A0	Aspartyl aminopeptidase (Fragment)								
87WS	OS=Mus musculus	19	2	2	2	222	24.8	9.39	1003501.375
31	OX=10090 GN=Dnpep PE=1 SV=1								
P8422	Histone H3.2 OS=Mus musculus	24	1	1	1	136	15.4	11.27	
8	OX=10090 GN=H3c2 PE=1 SV=2								
Q05C	Rrp1 protein	10	2	2	2	392	42.9	4.89	441321.2969
N2	OS=Mus								

musculus

OX=10090

GN=Rrp1 PE=2

SV=1

Uncharacterize

d protein

(Fragment)

Q8CE	OS=Mus	9	3	4	1	353	40.7	6.02	1038173.688
------	--------	---	---	---	---	-----	------	------	-------------

74

musculus

OX=10090

GN=Akt2 PE=2

SV=1

60S acidic

Q5FW	ribosomal	9	3	3	3	317	34.2	6.25	2169852.438
------	-----------	---	---	---	---	-----	------	------	-------------

B6

protein P0

OS=Mus

	musculus								
	OX=10090								
	GN=Rplp0								
	PE=2 SV=1								
	40S ribosomal								
	protein S3a								
	OS=Mus								
Q3UJ	musculus	12	4	4	4	264	29.9	9.69	1616778003
U5	OX=10090								
	GN=Rps3a1								
	PE=2 SV=1								
	Integrin alpha 5								
	(Fibronectin								
Q80Y	receptor alpha)	3	3	3	3	1053	114.9	5.95	2830749.625
P5	OS=Mus								
	musculus								

	OX=10090									
	GN=Itga5	PE=2								
	SV=1									
	Protein									
	HEXIM1									
Q8R4	OS=Mus									
09	musculus		6	2	2	2	356	40.2	5.38	3752998.5
	OX=10090									
	GN=Hexim1									
	PE=1	SV=1								
	General									
	transcription									
Q9D0	factor	IIE								
D5	subunit	1	8	3	3	3	440	49.6	4.86	3084829.938
	OS=Mus									
	musculus									

OX=10090

GN=Gtf2e1

PE=1 SV=1

Peptidyl-prolyl

cis-trans

isomerase

Q3TE	OS=Mus	21	3	3	3	164	17.9	7.9	5133622.563
63	musculus								

OX=10090

GN=Ppia PE=2

SV=1

Protein LSM14

homolog A

Q8K2	OS=Mus	8	3	3	3	462	50.5	9.52	5891362.625
F8	musculus								

OX=10090

	GN=Lsm14a								
	PE=1 SV=1								
	Poly								
	[ADP-ribose]								
	polymerase								
Q3TX	OS=Mus	3	2	2	2	1014	112.7	8.95	2382527.375
36	musculus								
	OX=10090								
	GN=Parp1								
	PE=2 SV=1								
	TOM1-like								
	protein	2							
Q5SR	OS=Mus	7	4	4	4	507	55.6	4.82	6783321.125
X1	musculus								
	OX=10090								
	GN=Tom112								

	PE=1 SV=1								
	Guanylate-binding protein 4								
Q6110	OS=Mus								
7	musculus	5	4	4	4	620	70.8	6.64	5158275.375
	OX=10090								
	GN=Gbp4 PE=1								
	SV=1								
	Pumilio								
	homolog 2								
	(Fragment)								
F6YD	OS=Mus								
01	musculus	11	2	2	2	222	25.3	7.5	1038329.375
	OX=10090								
	GN=Pum2								
	PE=1 SV=1								

	Inter-alpha-tryptin inhibitor heavy chain H2								
Q6170	OS=Musculus	3	3	3	3	946	105.9	7.27	2797688
3	musculus								
	OX=10090								
	GN=Itih2 PE=1								
	SV=1								
	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1								
Q8BX	OS=Musculus	3	2	2	1	857	94.4	7.94	1219520.125
K8	musculus								
	OX=10090								

GN=Agap1

PE=1 SV=1

HIRA-interactin

g protein 3

OS=Mus

Q8BL

musculus	5	2	2	2	601	65.2	7.84	1104518.375
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H7

OX=10090

GN=Hirip3

PE=1 SV=1

DNA-directed

RNA

polymerase III

Q9D4

subunit RPC3	4	2	2	2	533	60.7	7.58	2028863.375
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83

OS=Mus

musculus

OX=10090

	GN=Polr3c								
	PE=1 SV=1								
	Neuronal								
	proto-oncogene								
	tyrosine-protein								
	kinase Src								
P0548	OS=Mus	9	3	3	3	535	59.9	7.42	1966409.813
0	musculus								
	OX=10090								
	GN=Src PE=1								
	SV=5								
	DNA								
	topoisomerase								
Q9Z3	3-beta-1	3	3	3	3	862	96.9	7.93	4204019.313
21	OS=Mus								
	musculus								

	OX=10090								
	GN=Top3b								
	PE=1 SV=1								
	U4/U6 small								
	nuclear								
	ribonucleoprote								
	in Prp3								
Q922	OS=Mus	5	4	4	4	683	77.4	9.5	4620328.063
U1	musculus								
	OX=10090								
	GN=Prpf3 PE=1								
	SV=1								
	Pyruvate								
Q7TS	dehydrogenase	3	2	2	2	878	99.2	6.35	2754768.875
Q8	phosphatase								
	regulatory								

subunit,
mitochondrial
OS=Mus
musculus
OX=10090
GN=Pdpr PE=1
SV=1
Transforming
acidic
coiled-coil-cont

A0A1 aining protein 2

40LIQ	OS=Mus	6	3	3	3	555	62.4	5.33	2812685.563
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1 musculus

OX=10090
GN=Tacc2 PE=1
SV=1

	Rho								
	GTPase-activati								
	ng protein 6								
G3UZ	OS=Mus	6	3	3	3	478	53.6	6.74	2134888.531
I7	musculus								
	OX=10090								
	GN=Arhgap6								
	PE=1 SV=1								
	40S ribosomal								
	protein S12								
A0A1	OS=Mus								
W2P7	musculus	16	2	2	2	148	16	8.16	2042455.313
A1	OX=10090								
	GN=Rps12								
	PE=1 SV=1								
Q6PF	F-BAR and	3	2	2	2	688	76.2	5.55	887580.9063

Y1	double SH3 domains protein 1 OS=Mus musculus OX=10090 GN=Fchsd1 PE=1 SV=1 Superoxide dismutase [Cu-Zn]								
P0822 8	OS=Mus musculus OX=10090 GN=Sod1 PE=1 SV=2	18	2	2	2	154	15.9	6.51	3317290.5

Thioredoxin
 domain-contain
 ing protein 15

Q6P6J	OS=Mus	6	1	1	1	344	38.1	4.77	1855133.875
9	musculus								

OX=10090

GN=Txndc15

PE=1 SV=1

G

protein-coupled
 receptor kinase

Q7TS	OS=Mus	5	4	4	4	647	75.1	7.17	5615713.75
64	musculus								

OX=10090

GN=Grk2 PE=1

SV=1

	NEDD8-activati								
	ng enzyme E1								
	catalytic								
	subunit								
Q8C8	OS=Mus	5	2	2	2	462	51.7	5.45	1740695.188
78	musculus								
	OX=10090								
	GN=Uba3 PE=1								
	SV=2								
	Keratin, type I								
	cytoskeletal 42								
	OS=Mus								
Q6IFX	musculus	6	3	3	2	452	50.1	5.16	2779544.25
2	OX=10090								
	GN=Krt42 PE=1								
	SV=1								

Q4PJ X1	Protein odr-4 homolog								
	OS=Mus musculus	8	3	3	3	447	50	6.14	1019162.75
	OX=10090 GN=Odr4 PE=1 SV=2								
Q80U U1	Ankyrin repeat and zinc finger domain-contain ing protein 1								
	OS=Mus musculus	5	3	3	3	748	82.9	8.37	934403.8438
	OX=10090 GN=Ankzf1 PE=1 SV=2								

	Protein	SMG9								
	OS=Mus									
Q9DB	musculus		4	1	1	1	520	57.6	7.01	587528
90	OX=10090									
	GN=Smg9 PE=1									
	SV=1									
	Elongation									
	factor	1-beta								
	OS=Mus									
O7025	musculus		10	2	2	2	225	24.7	4.69	1628564.625
1	OX=10090									
	GN=Eef1b PE=1									
	SV=5									
	Splicing	factor								
Q80W	3b, subunit	2 3		2	2	2	878	98.1	5.58	2408533.563
39	OS=Mus									

	musculus								
	OX=10090								
	GN=Sf3b2 PE=2								
	SV=1								
	Phosphatidylin								
	ositol-3,5-bisph								
	osphate								
	3-phosphatase								
Q6P5	OS=Mus	4	3	3	2	571	65.7	7.88	8563314.438
72	musculus								
	OX=10090								
	GN=Mtmr2								
	PE=1 SV=1								
	Peptidyl-prolyl								
Q6437	cis-trans	5	2	2	2	456	50.9	7.8	1482775.813
8	isomerase								

	FKBP5 OS=Mus								
	musculus								
	OX=10090								
	GN=Fkbp5								
	PE=1 SV=1								
	AFG3-like								
	protein	1							
Q920	OS=Mus								
A7	musculus	4	3	3	2	789	87	8.85	3568998.063
	OX=10090								
	GN=Afg3l1								
	PE=1 SV=2								
	Cytoskeleton-as								
Q3V1	sociated protein								
H1	2 OS=Mus	4	2	2	2	664	74	9.23	471064.3125
	musculus								

	OX=10090								
	GN=Ckap2								
	PE=1 SV=1								
	Acyl-coenzyme								
	A oxidase								
Q3U	OS=Mus								
NF3	musculus	5	3	3	3	681	76.8	7.34	1204335.688
	OX=10090								
	GN=Acox2								
	PE=2 SV=1								
	Cleavage and								
	polyadenylation								
O3521	specificity factor								
8	subunit	3	3	3	3	782	88.3	5.11	2988236.688
	OS=Mus								
	musculus								

	OX=10090								
	GN=Cpsf2								
	PE=1 SV=1								
	Palladin								
	OS=Mus								
Q9ET	musculus	2	3	3	3	1408	152	6.25	4227300.375
54	OX=10090								
	GN=Palld PE=1								
	SV=2								
	Threonine								
	synthase-like 1								
Q8BH	OS=Mus								
55	musculus	4	3	3	3	747	83	7.2	4311607.563
	OX=10090								
	GN=Thnsl1								
	PE=1 SV=1								

	ARF								
	GTPase-activati								
	ng protein GIT2								
Q9JL	OS=Mus	6	4	4	4	708	78.7	7.72	4247132.438
Q2	musculus								
	OX=10090								
	GN=Git2 PE=1								
	SV=2								
	WD								
	repeat-contains								
	g protein 37								
Q8CB	OS=Mus	5	2	2	2	496	55	7.23	1806820.5
E3	musculus								
	OX=10090								
	GN=Wdr37								
	PE=1 SV=1								

	Rab								
	GTPase-activati								
	ng protein 1								
A2A	OS=Mus	2	2	2	2	1064	120.7	5.25	2810534.688
WA9	musculus								
	OX=10090								
	GN=Rabgap1								
	PE=1 SV=1								
	MKIAA0137								
	protein								
	(Fragment)								
Q6A0	OS=Mus	5	3	3	2	570	66.2	8.47	1210390.875
C1	musculus								
	OX=10090								
	GN=Trk1 PE=2								
	SV=1								

	Serine/threonin									
	e-protein									
	phosphatase	4								
	regulatory									
Q0VG	subunit	2								
B7	OS=Mus	4	1	3	1	417	46.5	4.56	3547513.5	
	musculus									
	OX=10090									
	GN=Ppp4r2									
	PE=1 SV=1									
	Very-long-chain									
	3-oxoacyl-CoA									
O7050	reductase									
3	OS=Mus	8	2	2	2	312	34.7	9.52	748156.5	
	musculus									
	OX=10090									

	GN=Hsd17b12								
	PE=1 SV=1								
	Ubiquitinyl								
	hydrolase	1							
Q3U6	OS=Mus								
95	musculus	4	3	3	3	775	87.7	8.21	2331720.906
	OX=10090								
	GN=Tnfaip3								
	PE=2 SV=1								
	Keratin, type I								
	cytoskeletal	16							
Q9Z2	OS=Mus								
K1	musculus	4	2	2	1	469	51.6	5.2	1952544.875
	OX=10090								
	GN=Krt16 PE=1								
	SV=3								

	TFG protein								
	OS=Mus								
Q9Z1	musculus	9	2	2	2	397	43	5.1	8057387.75
A1	OX=10090								
	GN=Tfg PE=1								
	SV=1								
	Mitogen-activated protein kinase kinase								
	kinase kinase								
	kinase 3								
Q6108	OS=Mus	5	3	3	1	626	70.7	8.87	
4	musculus								
	OX=10090								
	GN=Map3k3								
	PE=1 SV=1								
Q99M	ATP-dependent	4	3	3	3	734	82.1	9.25	5545016.25

J9	RNA helicase DDX50 OS=Mus musculus OX=10090 GN=Ddx50 PE=2 SV=1 C2 domain-contain ing protein								
Q8BX W8	OS=Mus musculus OX=10090 GN=Uvrag PE=2 SV=1	6	4	4	4	698	77.4	7.97	1582377.063
Q3TIJ	Ribosome	4	2	2	2	731	83.1	8.63	1977853.875

5	biogenesis								
	protein BOP1								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Bop1 PE=2								
	SV=1								
	Nibrin OS=Mus								
	musculus								
Q9R2	OX=10090	5	3	3	3	751	83.7	6.68	1978086.094
07	GN=Nbn PE=1								
	SV=1								
A0A1	Ubiquitin								
L1SV7	carboxyl-termin								
3	al hydrolase 47	2	3	3	3	1376	157.1	5.06	3271077.75
	OS=Mus								

	musculus									
	OX=10090									
	GN=Usp47									
	PE=1 SV=1									
	Nuclear fragile									
	X mental									
	retardation-inte									
	racting protein									
Q5F2	2 OS=Mus	5	3	3	3	692	75.6	8.7		7848836.375
E7	musculus									
	OX=10090									
	GN=Nufip2									
	PE=1 SV=1									
D3YT	2-oxoglutarate									
U2	and	5	2	2	2	530	61.1	4.87		709526.9688
	iron-dependent									

oxygenase
 domain-contain
 ing protein 1
 OS=Mus
 musculus
 OX=10090
 GN=Ogfod1
 PE=1 SV=1
 Volume-regulat
 ed anion
 channel subunit

Q80W	LRRC8A								
G5	OS=Mus	3	3	3	3	810	94.1	7.94	4308348.906
	musculus								
	OX=10090								
	GN=Lrrc8a								

PE=1 SV=1

LsmAD

domain-containing protein

(Fragment)

Q3UX07

OS=Mus 3 2 2 2 947 101.9 9.09 1568059.688

musculus

OX=10090

GN=Atxn2

PE=2 SV=1

Integrin beta

OS=Mus

G5E8F8

musculus 3 3 3 3 816 90 6.25 3628381.375

OX=10090

GN=Itgb5 PE=1

SV=1

	Metastasis-associated protein MTA1 isoform 9								
M1V	OS=Mus	3	2	2	1	730	82.3	9.22	630011.5
MF6	musculus								
	OX=10090								
	GN=Mta1 PE=2								
	SV=1								
	Mannosyl-oligosaccharide 1,2-alpha-mannosidase								
P3909	IB	3	2	2	2	641	72.8	8.28	1094041.625
8	OS=Mus								
	musculus								
	OX=10090								
	GN=Man1a2								

PE=1 SV=1

Zinc finger

Ran-binding

domain-contain

ing protein 2

D3Z4

OS=Mus 8 3 3 3 320 36.3 9.67 4477582

U0

musculus

OX=10090

GN=Zranb2

PE=1 SV=2

60S ribosomal

protein L18

A0A1

OS=Mus

B0GS

15 2 2 2 155 17.9 11.91 2862541.5

S8

musculus

OX=10090

GN=Rpl18

PE=1 SV=1

60S ribosomal

export protein

NMD3 OS=Mus

Q99L
48

musculus

5

3

3

3

503

57.6

7.17

9064077.375

OX=10090

GN=Nmd3

PE=1 SV=1

Proteasome

subunit alpha

type-6 OS=Mus

Q9QU
M9

musculus

10

2

2

2

246

27.4

6.76

1117415.344

OX=10090

GN=Psm6

PE=1 SV=1

	P2X								
	purinoceptor								
Q9Z2	OS=Mus								
56	musculus	6	2	2	2	361	40.3	7.44	1258559.188
	OX=10090								
	GN=P2rx4 PE=1								
	SV=1								
	Low density								
	lipoprotein								
	receptor								
Q8VC	OS=Mus								
T0	musculus	3	2	2	2	862	94.9	5.02	1508127.875
	OX=10090								
	GN=Ldlr PE=2								
	SV=1								
S4R2	CUGBP	6	3	3	3	460	48.8	9.09	2474173.313

U7	Elav-like family								
	member	2							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Celf2 PE=1								
	SV=1								
	Heterogeneous								
	nuclear								
	ribonucleoprote								
	in U-like								
Q00PI	protein	2 3	1	1	1	745	84.9	4.89	1355006.125
9	OS=Mus								
	musculus								
	OX=10090								
	GN=Hnrnpul2								

PE=1 SV=2

Isocitrate
dehydrogenase
[NAD] subunit,

A0A1 mitochondrial

L1STE	OS=Mus	6	2	2	2	384	41.5	6.93	1785226.063
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6 musculus
OX=10090

GN=Idh3a

PE=1 SV=1

Monocarboxylat

e transporter 1

Q8C2	OS=Mus	4	2	2	2	493	53.2	7.47	1547973.563
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E6 musculus
OX=10090

	GN=Slc16a1								
	PE=2 SV=1								
	Protein kinase C								
	alpha type								
P2044	OS=Mus								
4	musculus	3	2	2	2	672	76.8	7.14	2486045.75
	OX=10090								
	GN=Prkca PE=1								
	SV=3								
	Dystrobrevin								
	OS=Mus								
I6L9D	musculus	4	3	3	3	685	77.2	6.89	2798435.438
6	OX=10090								
	GN=Dtna PE=2								
	SV=1								
Q9Z1	Protein Red	5	3	3	3	557	65.6	6.64	2384027.781

M8	OS=Mus								
	musculus								
	OX=10090								
	GN=Ik PE=1								
	SV=2								
	Spermidine								
	synthase								
Q6467	OS=Mus								
4	musculus	10	3	3	3	302	34	5.5	3093164.063
	OX=10090								
	GN=Srm PE=1								
	SV=1								
	WAS/WASL-in								
Q8K1I	teracting								
7	protein family	9	4	4	4	493	50.1	11.41	9001704.5
	member								
		1							

OS=Mus
 musculus
 OX=10090
 GN=Wipf1
 PE=1 SV=1
 H/ACA
 ribonucleoprote
 in complex
 non-core

E9QJT	subunit NAF1	3	1	1	1	597	63.6	5.21	808962.3125
2	OS=Mus								
	musculus								
	OX=10090								
	GN=Naf1 PE=1								
	SV=1								

	Heterochromatin protein 1-binding protein 3								
Q3B7	(Fragment)	9	2	2	1	247	27.2	9.35	1904209.375
C1	OS=Mus musculus OX=10090 GN=Hp1bp3 PE=2 SV=1 ATP-dependent RNA helicase								
Q9QY	DDX25	10	3	4	1	484	54.8	5.99	14500299
15	OS=Mus musculus OX=10090								

	GN=Ddx25								
	PE=1 SV=2								
	CCR4-NOT								
	transcription								
	complex								
Q8BT	subunit	4							
14	OS=Mus	3	2	2	2	575	63.4	7.03	1640387.375
	musculus								
	OX=10090								
	GN=Cnot4								
	PE=1 SV=2								
	Alpha-(1,6)-fuco								
	syltransferase								
Q9W	OS=Mus	4	2	2	2	575	66.5	7.52	2705977
TS2	musculus								
	OX=10090								

	GN=Fut8	PE=1							
	SV=2								
	N6-adenosine-								
	methyltransfera								
	se	subunit							
Q8C3	METTL3								
P7	OS=Mus	4	2	3	2	580	64.6	6.49	2448727.906
	musculus								
	OX=10090								
	GN=Mettl3								
	PE=1	SV=2							
A0A0	Long-chain								
	specific								
R4J08	acyl-CoA	5	2	2	2	430	47.9	8.15	795997.25
3	dehydrogenase,								
	mitochondrial								

OS=Mus
 musculus
 OX=10090
 GN=Acadl
 PE=1 SV=1
 Chromatin
 assembly factor
 1 subunit B

Q9D0	OS=Mus	5	2	2	2	572	63.1	6.55	3271036.5
N7	musculus								
	OX=10090								
	GN=Chaf1b								
	PE=1 SV=1								
G3UY	Immunoglobuli								
Z1	n superfamily	5	2	2	2	548	58.1	7.91	
	member	8							

	OS=Mus								
	musculus								
	OX=10090								
	GN=Igsf8 PE=1								
	SV=1								
	Cyclin-K								
	OS=Mus								
Q3U3	musculus	5	2	2	2	582	64.3	8.41	1793908.188
M5	OX=10090								
	GN=Ccnk PE=1								
	SV=1								
	PC4 and								
	SFRS1-interacti								
Q99JF	ng protein	5	3	3	2	528	59.7	9.13	3513262.406
8	OS=Mus								
	musculus								

	OX=10090								
	GN=Psip1 PE=1								
	SV=1								
	Protein Hook								
	homolog 2								
A0A1	OS=Mus								
B0GS	musculus	3	2	2	2	611	70.1	5.07	3501231.5
U8	OX=10090								
	GN=Hook2								
	PE=1 SV=1								
	Inosine-5'-mono								
	phosphate								
E0CY	dehydrogenase	7	3	3	2	489	52.4	6.55	1516166.719
E2	OS=Mus								
	musculus								
	OX=10090								

	GN=Impdh1								
	PE=1 SV=1								
	Histone H1.4								
	OS=Mus								
P4327	musculus	9	2	2	2	219	22	11.11	5490267.875
4	OX=10090								
	GN=H1-4 PE=1								
	SV=2								
	Oct11 POU-box								
	protein (119								
	AA) (Fragment)								
P7026	OS=Mus	18	2	2	2	119	13.4	8.1	1703455.375
0	musculus								
	OX=10090								
	GN=Pou2f3								
	PE=2 SV=1								

	Aldehyde dehydrogenase, cytosolic	1							
O3594 5	OS=Mus musculus OX=10090 GN=Aldh1a7 PE=1 SV=1 60S ribosomal protein L14	4	2	2	1	501	54.6	7.71	1727464.625
Q9CR 57	OS=Mus musculus OX=10090 GN=Rpl14 PE=1 SV=3	12	2	2	2	217	23.5	11.02	4337457
Q3TZ	Uncharacterize	7	2	2	2	467	50.7	5.57	3535534.875

U9	d	protein								
	OS=Mus									
	musculus									
	OX=10090									
	GN=Nectin2									
	PE=2 SV=1									
	Rho									
	family-interacti									
	ng	cell								
	polarization									
Q68F	regulator	1								
E6	OS=Mus	2	2	2	2	1223	132.3	5.88	926844.0625	
	musculus									
	OX=10090									
	GN=Ripor1									
	PE=1 SV=2									

	Uncharacterize								
	d protein								
Q3UZ	OS=Mus								
Y2	musculus	4	1	2	1	202	22.3	6.02	12128539
	OX=10090								
	GN=Tm4sf1								
	PE=2 SV=1								
	Acyl-coenzyme								
	A thioesterase 9,								
	mitochondrial								
Q9R0	OS=Mus								
X4	musculus	6	3	3	3	439	50.5	8.59	3560392
	OX=10090								
	GN=Acot9								
	PE=1 SV=1								
Q9Z2	Kelch-like	3	2	2	2	624	69.5	6.44	1152655.063

X8	ECH-associated protein	1							
	OS=Mus musculus OX=10090 GN=Keap1 PE=1 SV=1 KIF-binding protein								
Q6ZP	OS=Mus musculus	6	3	3	3	617	71	5.48	3287057.875
U9	OX=10090 GN=Kifbp PE=1 SV=2								
A0A5	AP2-associated	6	2	2	2	510	54	5.01	716320.6875
71BEI	protein kinase 1								

2	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Aak1 PE=1								
	SV=1								
	Nuclear pore								
	complex protein								
	Nup54 OS=Mus								
Q8BT	musculus	4	2	2	2	510	55.7	7.02	1975693.5
S4	OX=10090								
	GN=Nup54								
	PE=1 SV=1								
O7056	Ribosomal								
9	protein	S14 16	2	2	2	151	16.3	10.13	2505071.375
	OS=Mus								

musculus

OX=10090

GN=rps14 PE=3

SV=1

TRASH

domain-contain

ing protein

Q3U	OS=Mus	11	2	2	2	160	18.2	11.05	1301416.438
-----	--------	----	---	---	---	-----	------	-------	-------------

W40 musculus

OX=10090

GN=Rpl24

PE=2 SV=1

Muskelin

O8905	OS=Mus	3	2	2	2	735	84.8	6.34	748045.9688
-------	--------	---	---	---	---	-----	------	------	-------------

0 musculus

OX=10090

	GN=Mklin1								
	PE=1 SV=1								
	14-3-3 protein								
	theta OS=Mus								
P6825	musculus	8	2	2	1	245	27.8	4.78	1053440
4	OX=10090								
	GN=Ywhaq								
	PE=1 SV=1								
	Kinesin-associat								
	ed protein 3								
	OS=Mus								
P7018	musculus	3	2	2	2	793	91.2	5.11	1248637.75
8	OX=10090								
	GN=Kifap3								
	PE=1 SV=1								
Q8C7	LysM	6	2	2	2	400	43	4.64	2011772.969

15	domain-contain ing protein (Fragment) OS=Mus musculus OX=10090 GN=Oxr1 PE=2 SV=2 Eef1d protein OS=Mus								
Q91V	musculus	8	2	2	2	276	30.6	4.98	1434331.063
K2	OX=10090 GN=Eef1d PE=1 SV=1								
Q641	Rps16 protein	14	2	2	2	157	17.5	10.21	3333868.25
N3	(Fragment)								

OS=Mus
 musculus
 OX=10090
 GN=Rps16
 PE=2 SV=1
 Os9 protein
 (Fragment)

Q922S	OS=Mus								
5	musculus	4	2	2	2	571	64.8	4.84	9049214
	OX=10090								
	GN=Os9	PE=2							
	SV=1								
	Tropomyosin								
D3Z6I	alpha-3 chain								
8	OS=Mus	11	3	3	3	247	28.7	4.79	5483326.375
	musculus								

4	OS=Mus musculus OX=10090 GN=Cpq PE=1 SV=1 WW domain-contain ing adapter protein with								
Q924	coiled-coil	3	1	1	1	646	70.6	9.45	798724.9375
H7	OS=Mus musculus OX=10090 GN=Wac PE=1 SV=2								
H3BJ	Forkhead box	4	2	2	2	675	75.1	6.61	1742264.25

M1	protein	P1								
	OS=Mus									
	musculus									
	OX=10090									
	GN=Foxp1									
	PE=1 SV=1									
	Serine/arginine									
	-rich-splicing									
	factor	4								
Q542	OS=Mus									
V3	musculus	4	2	2	2	491	56.2	11.37	5676043.125	
	OX=10090									
	GN=Srsf4 PE=1									
	SV=1									
G5E8	Protein Smaug									
A7	homolog	2	5	2	2	687	74.9	6.83	439110.8438	

OS=Mus
 musculus
 OX=10090
 GN=Samd4b
 PE=1 SV=1
 Poly(A)-specific
 ribonuclease

A0A0	PARN	OS=Mus								
R4J0P	musculus		4	3	3	3	624	71.5	6.24	23538621.38
6	OX=10090									
	GN=Parn	PE=1								
	SV=1									
	Nuclear-interact									
H3BK	ing partner of									
M2	ALK	OS=Mus	8	2	2	2	459	50.5	5.5	459005.4375
	musculus									

OX=10090
 GN=Zc3hc1
 PE=1 SV=1
 Non-specific
 serine/threonin
 e protein kinase

A2RR	OS=Mus	2	3	3	2	1202	137.6	5.08	4076337.25
K3	musculus								

OX=10090
 GN=Slk PE=2
 SV=1
 CBP80/20-depe
 ndent

Q6PE	translation	4	2	2	2	600	67.8	6.65	1852614.875
E2	initiation factor								

OS=Mus

	musculus								
	OX=10090								
	GN=Ctif PE=1								
	SV=2								
	Tyrosine-protein phosphatase non-receptor type 12								
P35831	OS=Mus	5	3	3	3	775	86.5	5.99	3131740.063
	musculus								
	OX=10090								
	GN=Ptpn12								
	PE=1 SV=3								
I7CPP0	PR domain zinc finger protein 1	3	3	5	1	823	91.6	8.53	1110073.656
	OS=Mus								

musculus

OX=10090

GN=Prdm1

PE=2 SV=1

39S ribosomal

protein L12,

mitochondrial

Q9DB	OS=Mus	12	1	1	1	201	21.7	9.29
------	--------	----	---	---	---	-----	------	------

15 musculus

OX=10090

GN=Mrpl12

PE=1 SV=2

Activating

Q9QX	signal	4	3	3	3	581	66.2	7.55	1753776.188
------	--------	---	---	---	---	-----	------	------	-------------

N3 cointegrator 1

OS=Mus

musculus

OX=10090

GN=Trip4 PE=1

SV=2

Decreased

expression in

renal and

prostate cancer

P0CG	protein	6	3	3	3	533	52.2	12.32	3225781.813
14	OS=Mus								

musculus

OX=10090

GN=Derpc

PE=1 SV=1

Q3TC	KH homology	5	3	3	3	612	64.5	8.73	7500512
X3	domain-contain								

	ing protein	4							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Khdc4								
	PE=1 SV=1								
	Tubulin-specific								
	chaperone								
	E								
	OS=Mus								
Q8CI	musculus	4	2	2	2	524	59	6.29	
V8	OX=10090								
	GN=Tbce								
	PE=1								
	SV=1								
	Hsp90								
Q6108	co-chaperone	7	2	2	2	379	44.6	5.34	369706.5313
1	Cdc37								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Cdc37								
	PE=1 SV=1								
	Tight junction								
	protein ZO-1								
	OS=Mus								
P3944	musculus	2	2	2	2	1745	194.6	6.64	743657.4375
7	OX=10090								
	GN=Tjp1 PE=1								
	SV=2								
	Chloride								
	channel								
A2AE	CLIC-like	2	1	1	1	544	61.2	5.77	1267549.625
M2	protein	1							
	OS=Mus								

	musculus								
	OX=10090								
	GN=Clcc1 PE=1								
	SV=1								
	60S ribosomal								
	protein L15								
	OS=Mus								
Q9CZ	musculus	9	2	2	2	204	24.1	11.62	2173289.438
M2	OX=10090								
	GN=Rpl15								
	PE=1 SV=4								
	Rho								
	GDP-dissociatio								
Q99P	n inhibitor	1 8	1	1	1	204	23.4	5.2	665535.5625
T1	OS=Mus								
	musculus								

	OX=10090								
	GN=Arhgdia								
	PE=1 SV=3								
	Numb protein								
	OS=Mus								
Q05B	musculus	10	3	3	3	322	36.2	9.47	2770126.188
E7	OX=10090								
	GN=Numb								
	PE=1 SV=1								
	DISP complex								
	protein LRCH3								
	OS=Mus								
B2RX	musculus	3	2	2	2	742	82.2	6.77	2458329.5
P1	OX=10090								
	GN=Lrch3								
	PE=1 SV=1								

	2310014H01Rik								
	protein								
B2RW	OS=Mus								
V7	musculus	6	3	3	3	594	65.5	5.34	2722185.75
	OX=10090								
	GN=Ppp1r18								
	PE=2 SV=1								
	Arginyl-tRNA--								
	protein								
	transferase	1							
J3QN	OS=Mus								
U1	musculus	5	2	2	2	509	58.2	7.25	2600379.875
	OX=10090								
	GN=Ate1 PE=1								
	SV=1								
A2AK	Alpha-1-syntro	4	2	2	2	499	53.2	6.8	2249543.75

D7	phin OS=Mus musculus OX=10090 GN=Snta1 PE=1 SV=1 DUF1716 domain-contain ing protein								
Q3UK S4	OS=Mus musculus OX=10090 GN=Ctnnb1 PE=2 SV=1	4	3	3	3	563	65	5.07	1902320.375
Q6121 1	Eukaryotic translation initiation factor	4	3	3	3	570	62.8	8.24	10021209.25

	2D	OS=Mus								
		musculus								
		OX=10090								
		GN=Eif2d	PE=1							
		SV=3								
		Nucleobindin-2								
		OS=Mus								
P8111		musculus	5	2	2	2	420	50.3	5.15	3491086.375
7		OX=10090								
		GN=Nucb2								
		PE=1	SV=2							
		Protein	IWS1							
A0A1		homolog								
D5RL		OS=Mus	3	2	2	2	765	85.3	4.69	1679012.063
V0		musculus								
		OX=10090								

	GN=Iws1 PE=1								
	SV=1								
	E3								
	ubiquitin-protein								
	ligase ARIH2								
Q9Z1	OS=Mus	6	2	2	2	492	57.7	5.69	3403714
K6	musculus								
	OX=10090								
	GN=Arih2								
	PE=1 SV=1								
	Tax1-binding								
	protein	1							
Q3UK	homolog	3	3	3	3	814	93.6	5.33	3771275.438
C1	OS=Mus								
	musculus								
	OX=10090								

	GN=Tax1bp1								
	PE=1 SV=2								
	DNA								
	polymerase								
	delta subunit 3								
A0A1	OS=Mus								
40LH	musculus	8	3	3	3	422	46.1	9.45	2756890.844
Y7	OX=10090								
	GN=Pold3								
	PE=1 SV=1								
	Ran-binding								
	protein	10							
A0A0	OS=Mus								
R4J0G	musculus	5	2	2	1	648	70	6.68	880884.1875
4	OX=10090								
	GN=Ranbp10								

PE=1 SV=1

Neurochondrin

OS=Mus

Q9Z0	musculus	3	2	2	2	729	78.8	5.54	3150216.25
E0	OX=10090								

GN=Ncdn PE=1

SV=1

S-adenosylmeth
ionine synthase

A0A0 OS=Mus

U1RN	musculus	4	1	1	1	362	39.7	6.04	1294275.125
------	----------	---	---	---	---	-----	------	------	-------------

T6 OX=10090

GN=Mat2a

PE=1 SV=1

Q3U	Uncharacterize	5	2	2	2	445	49.7	5.21	1144900.016
MF6	d protein								

(Fragment)

OS=Mus

musculus

OX=10090

GN=Cux1 PE=2

SV=1

Phosphatidylin

ositol 3-kinase

regulatory

subunit alpha

P2645

OS=Mus	3	2	2	2	724	83.5	6.28	2854490
--------	---	---	---	---	-----	------	------	---------

0

musculus

OX=10090

GN=Pik3r1

PE=1 SV=2

Q8BI7	CDKN2A-intera	4	1	1	1	563	59.7	9.16
-------	---------------	---	---	---	---	-----	------	------

2	cting protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Cdkn2aip								
	PE=1 SV=1								
	Ccnb1 protein								
	OS=Mus								
Q68E	musculus	6	2	2	2	369	41.4	9.22	2371056.5
M3	OX=10090								
	GN=Ccnb1								
	PE=1 SV=1								
	Thyroid								
Q569	hormone	2	2	2	2	951	108.1	10.17	3815237.875
Z6	receptor-associated protein 3								

OS=Mus
 musculus
 OX=10090
 GN=Thrap3
 PE=1 SV=1
 Poly(ADP-ribos
 e)
 glycohydrolase

E9Q0	OS=Mus								
88	musculus	4	1	1	1	456	52.5	6.39	
	OX=10090								
	GN=Parg								
	PE=1								
	SV=2								
Q9CU	Protein kinase								
36	domain-contain	8	2	2	2	308	35	8.38	994810.0313
	ing protein								

(Fragment)

OS=Mus

musculus

OX=10090

GN=Raf1 PE=2

SV=1

MKIAA1266

protein

(Fragment)

Q6ZP	OS=Mus	5	3	3	1	522	59.1	8.27	4790175.938
V1	musculus								
	OX=10090								
	GN=Mta3 PE=2								
	SV=1								
Q9CQ	Serine/threonin	2	1	1	1	547	62.5	6.43	923278.8125
S5	e-protein kinase								

	RIO2	OS=Mus								
		musculus								
		OX=10090								
		GN=Riok2								
		PE=1 SV=1								
		WD								
		repeat-contains								
		g protein 70								
Q3T	OS=Mus		4	2	2	2	657	73.1	5.97	2067854.75
WF6	musculus									
	OX=10090									
	GN=Wdr70									
	PE=1 SV=1									
F6R6F	RalBP1-associated									
1	ed Eps 3		3	2	2	2	755	81.9	5.91	16230572
	domain-contains									

ing protein 1

(Fragment)

OS=Mus

musculus

OX=10090

GN=Reps1

PE=1 SV=1

Poly(rC)-bindin

g protein 2

(Fragment)

A0A2

OS=Mus

R8VH

10

2

2

1

249

26.4

7.77

545468.375

musculus

Y9

OX=10090

GN=Pcbp2

PE=1 SV=1

Q6084

Lymphocyte-sp

4

3

3

3

821

95.1

8

1538299

8	ecific helicase								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Hells PE=1								
	SV=2								
	WASH complex								
	subunit	5							
	OS=Mus								
Q8C2	musculus	3	3	3	3	1159	134	7.12	1481065.75
E7	OX=10090								
	GN=Washc5								
	PE=1 SV=2								
	Nuclear pore								
Q9JIH	complex protein	6	2	2	2	466	49.5	6.24	1288748.563
2	Nup50 OS=Mus								

musculus

OX=10090

GN=Nup50

PE=1 SV=3

E3

ubiquitin-protein
ligase ZFP91

Q6251	OS=Mus	2	1	1	1	572	63.4	7.49	1239851.875
1	musculus								

OX=10090

GN=Zfp91

PE=1 SV=3

N-myc

Q3TS	downstream-re	4	1	1	1	394	42.8	6.09	2283862.5
R4	gulated gene 1								

protein

musculus

OX=10090

GN=Rpl11

PE=2 SV=1

60S ribosomal

protein L10-like

OS=Mus

P8604

musculus

13

3

3

3

214

24.5

10.11

3714706.813

8

OX=10090

GN=Rpl10l

PE=2 SV=1

Lumican

OS=Mus

P5188

musculus

5

2

2

2

338

38.2

6.43

667983.25

5

OX=10090

GN=Lum PE=1

	SV=2								
	Cyclin-depende								
	nt kinase 17								
Q8K0	OS=Mus								
D0	musculus	4	2	2	2	523	59.5	9.03	2620110.188
	OX=10090								
	GN=Cdk17								
	PE=1 SV=2								
	Phosphatidylin								
	ositol 4-kinase								
	type 2-beta								
Q8CB	OS=Mus								
Q5	musculus	6	3	3	3	469	53.4	6.8	2942926.594
	OX=10090								
	GN=Pi4k2b								
	PE=1 SV=1								

	GN=Upf3b								
	PE=1 SV=1								
	BetaCstF-64								
	variant	3							
B3V09	OS=Mus								
7	musculus	3	2	2	2	630	66.4	7.08	8530127.75
	OX=10090								
	GN=Cstf2 PE=2								
	SV=1								
	Dhx36 protein								
	(Fragment)								
A0JL	OS=Mus								
R3	musculus	4	1	1	1	428	48.7	9.16	525545
	OX=10090								
	GN=Dhx36								
	PE=2 SV=1								

	FIP-RBD								
	domain-contain								
	ing protein								
	(Fragment)								
Q3U	OS=Mus	4	2	2	2	518	56.3	9.47	1821020.625
M85	musculus								
	OX=10090								
	GN=Rab11fip5								
	PE=2 SV=1								
	ENTH								
	domain-contain								
	ing protein								
Q5NC	OS=Mus	3	2	2	2	583	62.2	7.84	2414671.375
M7	musculus								
	OX=10090								
	GN=Epn2 PE=2								

SV=1

Voltage-depend
ent

anion-selective

channel protein

Q3TH
L7

1 OS=Mus 8 2 2 2 283 30.7 7.9 1254835.563

musculus

OX=10090

GN=Vdac1

PE=2 SV=1

Cell division

control protein

P6076
6

42 homolog 15 2 2 1 191 21.2 6.55 586427.5

OS=Mus

musculus

OX=10090

	GN=Cdc42								
	PE=1 SV=2								
	Tyrosine-protei								
	n kinase Fer								
P7045	OS=Mus								
1	musculus	4	3	3	3	823	94.5	7.05	1073758.5
	OX=10090								
	GN=Fer PE=1								
	SV=2								
	Breast cancer								
	anti-estrogen								
A0A0	resistance								
G2JD	protein	3	10	2	2	2	178	20.8	8.68
R4	homolog								
	(Fragment)								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Bcar3 PE=1								
	SV=4								
	La-related								
	protein	1							
Z4YJT	OS=Mus								
3	musculus	2	2	2	2	1072	121.1	8.79	394795.7813
	OX=10090								
	GN=Larp1								
	PE=1 SV=1								
	Annexin								
Q922	OS=Mus								
A2	musculus	4	2	2	2	463	49.9	6.18	907129.5
	OX=10090								
	GN=Anxa7								

	PE=2 SV=1								
	CREB-regulated transcription coactivator	2							
Q3U1 82	OS=Mus musculus	2	1	1	1	692	73.2	7.01	929118.5625
	OX=10090								
	GN=Crtc2 PE=1								
	SV=2								
	RAB7, member								
	RAS oncogene family								
A0A0 N4SV	(Fragment)	26	2	2	2	98	11	9.13	2072450.375
G9	OS=Mus musculus								
	OX=10090								

	GN=Rab7 PE=1								
	SV=3								
	Sorting nexin								
	OS=Mus								
Q3U1	musculus	5	2	2	2	547	59.6	6.19	1787724.25
H7	OX=10090								
	GN=Snx18								
	PE=2 SV=1								
	Oxysterol-binding								
	protein-related								
B9EJ8	protein	8							
6	OS=Mus	3	2	2	2	889	101.2	6.96	1923754.938
	musculus								
	OX=10090								
	GN=Osbp18								

PE=1 SV=1

Selenoprotein O

(Fragment)

OS=Mus

A4FU	musculus	4	1	1	1	503	57.2	5.81	735561.9375
------	----------	---	---	---	---	-----	------	------	-------------

U9

OX=10090

GN=Selenoo

PE=2 SV=1

DNA helicase

OS=Mus

D3Z7	musculus	3	2	2	2	508	57.9	6.9	1234918.031
------	----------	---	---	---	---	-----	------	-----	-------------

00

OX=10090

GN=Ercc2 PE=1

SV=1

Q8BF	Elongation	4	1	1	1	452	49.5	7.56	592339.5
------	------------	---	---	---	---	-----	------	------	----------

R5

factor Tu,

mitochondrial

OS=Mus

musculus

OX=10090

GN=Tufm PE=1

SV=1

Serine--tRNA

ligase,

mitochondrial

Q9JJL	OS=Mus								
8	musculus	3	1	1	1	518	58.3	7.9	1458167.375
	OX=10090								
	GN=Sars2 PE=1								
	SV=2								
Q05C	LOC72520								
R0	protein	5	2	2	2	365	41.2	9.26	2578292.625

(Fragment)

OS=Mus

musculus

OX=10090

GN=LOC72520

PE=2 SV=1

MKIAA0410

protein

(Fragment)

Q6ZQ	OS=Mus	3	2	2	2	544	55.2	8.47	3330800
C2	musculus								
	OX=10090								
	GN=mKIAA041								
	0 PE=2 SV=1								
Q6193	Nucleophosmin	10	1	1	1	292	32.5	4.77	409174.9375
7	OS=Mus								

	musculus								
	OX=10090								
	GN=Npm1								
	PE=1 SV=1								
	Dynactin								
	subunit	1							
	OS=Mus								
E9Q3	musculus	2	2	2	2	1264	139.7	5.71	24461575.63
M3	OX=10090								
	GN=Dctn1								
	PE=1 SV=1								
	Uridine-cytidin								
	e kinase-like 1								
Q91Y	OS=Mus	3	2	2	2	548	60.8	7.15	2494733.125
L3	musculus								
	OX=10090								

	GN=Uck11								
	PE=1 SV=1								
	Importin								
	N-terminal								
	domain-contain								
	ing protein								
Q8BX	OS=Mus	5	2	2	2	712	82.1	5.66	1868431.5
Q4	musculus								
	OX=10090								
	GN=Ipo11 PE=2								
	SV=1								
	SH3 and PX								
	domains 2B								
B9EJ3	OS=Mus	3	2	2	2	908	101.4	8.66	276116.5
7	musculus								
	OX=10090								

	GN=Sh3pxd2b								
	PE=2 SV=1								
	Thioredoxin								
	OS=Mus								
P1063	musculus	12	1	1	1	105	11.7	4.92	1457997
9	OX=10090								
	GN=Txn PE=1								
	SV=3								
	ATP synthase								
	membrane								
	subunit K,								
Q78IK	mitochondrial	26	1	1	1	58	6.4	9.83	763976.5
2	OS=Mus								
	musculus								
	OX=10090								
	GN=Atp5mk								

PE=1 SV=1

Trans-Golgi

network

integral

membrane

Q6231	protein	1								
3	OS=Mus	6	2	2	2	353	37.8	5.34	6992160.625	

musculus

OX=10090

GN=Tgoln1

PE=1 SV=1

Sestrin-2

P5804	OS=Mus									
3	musculus	3	1	1	1	480	54.3	6.02	1002362.875	

OX=10090

GN=Sesn2 PE=1

	SV=1								
	Uncharacterize								
	d protein								
	(Fragment)								
Q9CT	OS=Mus	10	2	2	1	225	25.9	4.83	3110722.5
H3	musculus								
	OX=10090								
	GN=Actn2								
	PE=2 SV=1								
	AarF								
	domain-contain								
	ing protein								
Q9D0	kinase	1 4	1	1	1	525	59.7	8.05	
L4	OS=Mus								
	musculus								
	OX=10090								

GN=Adck1

PE=1 SV=1

Proliferating

cell nuclear

antigen

P1791	OS=Mus	9	3	3	3	261	28.8	4.77	5679057.125
8	musculus								

OX=10090

GN=Pcna PE=1

SV=2

CPN10-like

protein

Q9JI9	OS=Mus	22	2	2	2	102	11	8.92	1649231.375
5	musculus								

OX=10090

GN=Hspe1-rs1

	PE=3 SV=1								
	FAST kinase								
	domain-contain								
	ing protein 2,								
	mitochondrial								
Q922	OS=Mus	3	2	2	2	689	78.9	8.9	317055.375
E6	musculus								
	OX=10090								
	GN=Fastkd2								
	PE=2 SV=2								
	Splicing factor								
	3A subunit 1								
Q8K4	OS=Mus	3	3	3	3	791	88.5	5.22	4147715.313
Z5	musculus								
	OX=10090								
	GN=Sf3a1 PE=1								

	SV=1								
	Exonuclease								
	3'-5'								
	domain-contain								
	ing protein 2								
Q8VE	OS=Mus	2	1	1	1	650	74.3	7.78	293416.25
G4	musculus								
	OX=10090								
	GN=Exd2 PE=1								
	SV=2								
	Nardilysin								
	OS=Mus								
Q8BH	musculus	1	2	2	2	1161	132.8	4.87	898751.0469
G1	OX=10090								
	GN=Nrdc PE=1								
	SV=1								

	FH1/FH2 domain-contain ing protein 1								
Q6P9	OS=Mus musculus	2	2	2	2	1197	129.5	6.28	1543819.375
Q4	OX=10090 GN=Fhod1 PE=1 SV=3 Serine/arginine repetitive matrix protein 2								
Q8BTI	OS=Mus musculus	1	1	1	1	2703	294.7	12.03	995252.875
8	OX=10090 GN=Srrm2 PE=1 SV=3								

Q6ZP R5	Sphingomyelin phosphodiester ase 4 OS=Mus musculus	3	2	2	2	823	93.2	8.13	1620088.313
	OX=10090 GN=Smpd4 PE=1 SV=2 1-phosphatidyli nositol 4,5-bisphosphat e								
Q8K2J 0	phosphodiester ase delta-3 OS=Mus musculus OX=10090	2	2	2	2	785	88.6	6.83	1410660

GN=Plcd3 PE=1

SV=2

40S ribosomal
protein S7

P6208	OS=Mus							
2	musculus	11	1	1	1	194	22.1	10.1

OX=10090

GN=Rps7 PE=2

SV=1

Methylenetetra
hydrofolate

A2A7	reductase								
F7	OS=Mus	3	2	2	2	695	78.9	5.48	2891419.625
	musculus								

OX=10090

GN=Mthfr

PE=1 SV=1

Nuclear RNA

export factor 1

OS=Mus

Q99JX

musculus

2

1

1

1

618

70.3

8.73

870002.5

7

OX=10090

GN=Nxf1 PE=1

SV=3

Fidgetin-like

protein 1

OS=Mus

Q8BP

musculus

3

2

2

1

683

74.8

6.44

721253.4375

Y9

OX=10090

GN=Fign1

PE=1 SV=1

Uncharacterize
d protein
(Fragment)

Q9CT54	OS=Musculus OX=10090 GN=Washc2 PE=2 SV=3 Angiostatin OS=Musculus	4	1	1	1	268	30.6	4.28	653396.1875
Q6TC10	musculus OX=10090 GN=Plg PE=2 SV=1	3	2	2	2	466	52.7	5.87	5686984.5
Q5CZX6	Acyl-CoA-binding	3	2	2	2	516	57.5	5.48	3060427.375

domain-containing protein 5
(Fragment)

OS=Mus

musculus

OX=10090

GN=Acbd5

PE=2 SV=1

E3

ubiquitin-protein ligase Itchy

Q8C8	OS=Mus	2	2	2	2	864	98.9	6.28	1890027.563
63	musculus								

OX=10090

GN=Itch PE=1

SV=2

	Uncharacterize								
	d protein								
Q3TM	OS=Mus								
B3	musculus	4	1	1	1	353	40.6	5.66	422319.6875
	OX=10090								
	GN=Fdps PE=2								
	SV=1								
	Epoxide								
	hydrolase								
Q8K2	OS=Mus								
W5	musculus	4	2	2	2	455	52.5	7.88	2453925
	OX=10090								
	GN=Ephx1								
	PE=2 SV=1								
Q6PD	Proteasome								
I5	adapter and	1	1	1	1	1840	203.6	7.06	343345.3125

scaffold protein

ECM29

OS=Mus

musculus

OX=10090

GN=Ecpas

PE=1 SV=3

Ubiquitin

conjugation

factor E4 B

Q9ES	OS=Mus									
00	musculus	1	1	1	1	1173	133.2	6.07	380740.5	

OX=10090

GN=Ube4b

PE=1 SV=3

Q6114	Breast cancer	3	2	2	2	874	94.2	5.68	4237925.313
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0	anti-estrogen resistance protein	1							
	OS=Mus musculus OX=10090 GN=Bcar1 PE=1 SV=2 RNA-binding protein	26							
E9PY Z7	OS=Mus musculus OX=10090 GN=Rbm26 PE=1 SV=1	2	2	2	2	1009	113.7	9.16	2514378.875
Q6112	NGFI-A-bindin	3	2	2	1	486	54	6.61	682838.75

2	g protein 1								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Nab1 PE=1								
	SV=2								
	60S ribosomal								
	protein L27a								
	OS=Mus								
P1411	musculus	16	2	2	2	148	16.6	11.12	2735983
5	OX=10090								
	GN=Rpl27a								
	PE=1 SV=5								
	Mitochondrial								
Q791	carrier homolog	7	2	2	2	303	33.5	8.25	865363.1875
V5	2 OS=Mus								

musculus

OX=10090

GN=Mtch2

PE=1 SV=1

Transforming

acidic

coiled-coil

containing

Q9JIQ	protein	3a	3	2	2	2	630	70.4	4.64	1394706.875
5	OS=Mus									

musculus

OX=10090

GN=Tacc3 PE=2

SV=1

E9Q1	Septin	OS=Mus	4	2	2	1	437	50.6	8.57	
G8	musculus									

OX=10090

GN=Septin7

PE=1 SV=2

G-protein-signaling
modulator
1 (Fragment)

F6SX8	OS=Mus	2	1	1	1	497	54.8	6.14	900335.0625
1	musculus								

OX=10090

GN=Gpsm1

PE=1 SV=1

Mitochondrial
ribonuclease P
catalytic
subunit

Q8JZ	OS=Mus	2	1	1	1	584	66.8	8.79	
Y4	musculus								

OS=Mus

	musculus								
	OX=10090								
	GN=Prorp								
	PE=2 SV=1								
	Uncharacterize								
	d protein								
	OS=Mus								
Q3UR	musculus	8	2	2	2	526	59.4	4.94	629997.3125
N5	OX=10090								
	GN=Aatf PE=2								
	SV=1								
	Lon protease								
	homolog 2,								
Q9DB	peroxisomal	3	3	3	3	852	94.5	7.23	2006684.719
N5	OS=Mus								
	musculus								

	OX=10090								
	GN=Lonp2								
	PE=1 SV=1								
	G2 and S								
	phase-express								
	d protein 1								
Q8R0	OS=Mus	2	1	1	1	741	78.7	9.39	923445.6875
80	musculus								
	OX=10090								
	GN=Gtse1 PE=1								
	SV=2								
	Ankyrin repeat								
	and FYVE								
B7ZP	domain	2	2	2	2	1169	128.6	5.91	1043551.25
20	containing 1								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Ankfy1								
	PE=2 SV=1								
	SEC14 domain								
	and spectrin								
	repeat-contains								
	g protein 1								
Q80U	OS=Mus	3	2	2	2	696	79.3	5.1	3321325.25
K0	musculus								
	OX=10090								
	GN=Sestd1								
	PE=1 SV=1								
	Protein								
Q8BZ	mono-ADP-ribo	3	2	2	2	711	79.9	8.54	817920.5313
20	syltransferase								

PARP12
 OS=Mus
 musculus
 OX=10090
 GN=Parp12
 PE=1 SV=3
 Vacuolar fusion
 protein CCZ1
 homolog

Q8C1	OS=Mus	3	1	2	1	480	55.5	6.02	733782.125
Y8	musculus								
	OX=10090								
	GN=Ccz1 PE=1								
	SV=1								
Q8CE	Lysyl oxidase	3	2	2	2	669	74.6	8.37	22152352.63
U1	homolog								

OS=Mus
 musculus
 OX=10090
 GN=Loxl4 PE=2
 SV=1

Amino acid
 transporter

Q9ES	OS=Mus								
U7	musculus	4	2	2	2	555	58.4	7.12	2252317.5

OX=10090
 GN=Slc1a5
 PE=1 SV=1

Prdx2 protein

Q5M9	OS=Mus								
N9	musculus	10	2	2	2	198	21.8	5.41	939923.625

OX=10090

GN=Prdx2

PE=2 SV=1

WD

repeat-contains

g protein 48

Q8BH	OS=Mus	4	2	2	2	676	76	7.17	2384183.875
57	musculus								

OX=10090

GN=Wdr48

PE=1 SV=1

A-kinase anchor

protein 8-like

Q9R0	OS=Mus	2	1	1	1	642	71.4	5.05	
L7	musculus								

OX=10090

GN=Akap8l

	PE=1 SV=1								
	Transcriptional								
	repressor p66								
	alpha OS=Mus								
E9QM	musculus	3	2	2	2	630	67.4	9.89	1724525.188
N5	OX=10090								
	GN=Gatad2a								
	PE=1 SV=1								
	CUE								
	domain-contain								
	ing protein								
Q3UG	OS=Mus								
63	musculus	2	2	2	2	734	83.6	4.82	2163237.188
	OX=10090								
	GN=Ascc2								
	PE=2 SV=1								

	Vacuolar protein sorting-associated protein 52								
Q8C7 54	homolog OS=Mus musculus OX=10090 GN=Vps52 PE=1 SV=1 40S ribosomal protein S23	2	1	1	1	723	82	5.9	
Q497 E1	OS=Mus musculus OX=10090 GN=Rps23	8	1	1	1	143	15.8	10.37	776350.875

PE=2 SV=1

Peptidyl-prolyl

cis-trans

isomerase

O3546	FKBP8 OS=Mus	4	1	1	1	402	43.5	5.16	650431.4375
5	musculus								

OX=10090

GN=Fkbp8

PE=1 SV=2

Neutral

ceramidase

A0A4	OS=Mus								
94B9	musculus	5	2	2	2	468	51.1	8.4	1982059.563

A2 OX=10090

GN=Asah2

PE=1 SV=1

	Microfibrillar-associated protein								
	1A OS=Mus								
C0HK D8	musculus	3	2	2	1	439	51.9	4.98	1204726.875
	OX=10090								
	GN=Mfap1a								
	PE=1 SV=1								
	Leucine-rich repeat and calponin homology domain-containing protein								
H3BL L3	OS=Mus musculus	2	1	1	1	649	69.9	6.89	1168070.5
	OX=10090								

GN=Lrch4

PE=1 SV=1

Thioredoxin-lik

e protein 1

A0A4 OS=Mus

98WG musculus 8 1 1 1 292 32.7 5.07

D8 OX=10090

GN=Txnl1 PE=1

SV=1

Rab3

GTPase-activati

A0A0 ng protein

A6Y non-catalytic 1 2 2 2 1367 152.4 6.18 677134.0781

WM5 subunit

OS=Mus

musculus

	OX=10090								
	GN=Rab3gap2								
	PE=1 SV=1								
	Matrix								
	metalloproteina								
P5369	se-14 OS=Mus								
0	musculus	5	3	3	3	582	65.9	8.03	2614805.719
	OX=10090								
	GN=Mmp14								
	PE=2 SV=3								
	Protein-glucosyl								
	galactosylhydro								
Q8BP	xylysine								
56	glucosidase	2	1	1	1	690	76.4	5.33	
	OS=Mus								
	musculus								

	OX=10090								
	GN=Pgghg								
	PE=1 SV=1								
	60S ribosomal								
	protein L27								
P6135	OS=Mus								
8	musculus	13	2	2	2	136	15.8	10.56	1323037.688
	OX=10090								
	GN=Rpl27								
	PE=1 SV=2								
	Small								
	ubiquitin-relate								
H7B	d modifier 2	23	1	1	1	53	6	8.91	3586739
WX9	OS=Mus								
	musculus								
	OX=10090								

	GN=Sumo2								
	PE=1 SV=1								
	EGF-like								
	domain-contain								
	ing protein								
Q3T	OS=Mus	3	2	2	2	517	56	5.64	3892111.938
WM3	musculus								
	OX=10090								
	GN=Nagpa								
	PE=2 SV=1								
	Heterogeneous								
	nuclear								
D3YT	ribonucleoprote	4	2	2	1	420	46.2	9.57	2417198.25
Q3	in D-like								
	OS=Mus								
	musculus								

	OX=10090								
	GN=Hnrnpdl								
	PE=1 SV=1								
	Protein S100-A6								
	OS=Mus								
P1406	musculus	17	2	2	2	89	10	5.48	12412190
9	OX=10090								
	GN=S100a6								
	PE=1 SV=3								
	Nuclear factor 1								
	OS=Mus								
A0A1	musculus	5	2	2	2	461	51.3	8.31	3923775.938
Y7VK	OX=10090								
55	GN=Nfic PE=1								
	SV=1								
Q3TA	DNA	6	1	1	1	527	59.4	6.15	484541.9375

87	polymerase epsilon subunit OS=Mus musculus OX=10090 GN=Pole2 PE=2 SV=1 Cathepsin B OS=Mus								
P1060	musculus	4	1	1	1	339	37.3	5.91	633082.25
5	OX=10090 GN=Ctsb PE=1 SV=2								
P6302	Translational- controlled	8	1	1	1	172	19.5	4.86	757225.5
8	tumor protein								

OS=Mus
 musculus
 OX=10090
 GN=Tpt1 PE=1
 SV=1
 Heterogeneous
 nuclear
 ribonucleoprote

Q6066	in D0 OS=Mus	5	2	2	1	355	38.3	7.81	53097268
8	musculus								
	OX=10090								
	GN=Hnrnpd								
	PE=1 SV=2								
P4023	CD82 antigen								
7	OS=Mus	5	1	1	1	266	29.6	5.02	1859222.375
	musculus								

OX=10090

GN=Cd82 PE=1

SV=1

U4/U6.U5

tri-snRNP-assoc

iated protein 2

Q3TI	OS=Mus	5	2	2	2	564	65.1	8.9	446572.2813
X9	musculus								

OX=10090

GN=Usp39

PE=1 SV=2

Osteopontin

F8WI	OS=Mus								
P8	musculus	7	2	2	2	295	32.6	4.55	7369500.5

OX=10090

GN=Spp1 PE=1

SV=1

Uncharacterize

d protein

(Fragment)

Q3TC	OS=Mus	10	2	2	2	177	20.2	5	3522082.75
36	musculus								

OX=10090

GN=Uri1 PE=2

SV=1

RuvB-like

helicase

Q3UX	OS=Mus								
P2	musculus	2	1	1	1	463	51.1	5.64	502772.9375

OX=10090

GN=Ruvbl2

PE=2 SV=1

Aspartate
aminotransferase,
cytoplasmic

P05201	OS=Mus musculus	5	1	1	1	413	46.2	7.14	2004493.75
--------	--------------------	---	---	---	---	-----	------	------	------------

OX=10090

GN=Got1 PE=1

SV=3

Aspartate--tRNA

A ligase,
mitochondrial

Q8BIP0	OS=Mus musculus	4	2	2	2	653	74.1	6.98	1819529.313
--------	--------------------	---	---	---	---	-----	------	------	-------------

OX=10090

GN=Dars2

PE=1 SV=1

	Protein GOLM2								
	OS=Mus								
Q6P2	musculus	2	1	1	1	435	49.4	5.45	506087.5
L7	OX=10090								
	GN=Golm2								
	PE=1 SV=1								
	Thioredoxin								
	reductase	3							
	OS=Mus								
Q99M	musculus	3	2	2	2	652	71.3	8.09	2705055.25
D6	OX=10090								
	GN=Txnrd3								
	PE=1 SV=3								
	Pantetheinase								
Q9Z0	OS=Mus	3	1	1	1	512	57.1	5.94	612221.125
K8	musculus								

	OX=10090								
	GN=Vnn1 PE=1								
	SV=3								
	Transcriptional								
	coactivator								
G3UY	YAP1 OS=Mus								
V4	musculus	6	2	2	1	369	39.5	8.05	2535901.375
	OX=10090								
	GN=Yap1 PE=1								
	SV=1								
A0A2	Cytochrome c1,								
R8VH	heme protein,								
K1	mitochondrial	7	1	1	1	165	17.9	5.47	904252.4375
	(Fragment)								
	OS=Mus								
	musculus								

OX=10090

GN=Cyc1 PE=1

SV=1

Ferritin

(Fragment)

A0A4 OS=Mus

94BA	musculus	31	2	2	2	59	6.8	6.77	1539217.188
------	----------	----	---	---	---	----	-----	------	-------------

P3 OX=10090

GN=Fth1 PE=1

SV=1

Leucine-rich

repeat and

H3BK calponin

42	homology	20	1	1	1	145	15.9	9.03	
----	----------	----	---	---	---	-----	------	------	--

domain-contain

ing protein 4

(Fragment)

OS=Mus

musculus

OX=10090

GN=Lrch4

PE=1 SV=1

Uncharacterize

d protein

OS=Mus

Q3TN
28

musculus	4	2	2	2	631	69	6.13	2468926.188
----------	---	---	---	---	-----	----	------	-------------

OX=10090

GN=Xrcc1 PE=2

SV=1

Ubiquitin

Q8R5
H1

carboxyl-termin	2	2	2	2	981	112.3	5.17	2131079.906
-----------------	---	---	---	---	-----	-------	------	-------------

al hydrolase 15

OS=Mus
 musculus
 OX=10090
 GN=Usp15
 PE=1 SV=1
 Sodium-couple
 d neutral amino
 acid transporter

Q8CF	2	OS=Mus	5	2	2	2	504	55.5	7.94	1074127.469
E6		musculus								
		OX=10090								
		GN=Slc38a2								
		PE=1 SV=1								
G3UY	40S	ribosomal	20	1	1	1	56	6.3	9.96	2468174.75
V7	protein	S28								
		(Fragment)								

OS=Mus
 musculus
 OX=10090
 GN=Rps28
 PE=1 SV=1
 Malate
 dehydrogenase,
 cytoplasmic

P1415	OS=Mus								
2	musculus	3	1	1	1	334	36.5	6.58	1851514.125
	OX=10090								
	GN=Mdh1								
	PE=1 SV=3								
Q3UC	Forkhead box								
Q1	protein	K2 3	2	2	2	651	68.4	9.51	4920112.25
	OS=Mus								

	musculus								
	OX=10090								
	GN=Foxk2								
	PE=1 SV=3								
	Early endosome								
	antigen	1							
	OS=Mus								
Q8BL	musculus	1	2	2	2	1411	160.8	5.77	1882844.5
66	OX=10090								
	GN=Eea1 PE=1								
	SV=2								
	SEC14-like								
	protein	1							
A8Y5	OS=Mus	2	1	1	1	715	81.2	6.34	
H7	musculus								
	OX=10090								

	GN=Sec1411								
	PE=1 SV=1								
	Citrate synthase								
	(Fragment)								
Q0QE	OS=Mus								
L9	musculus	8	2	2	2	223	24.9	7.3	3009349.688
	OX=10090								
	GN=Cs PE=2								
	SV=1								
	Nuclear pore								
	complex protein								
Q8R4	Nup85 OS=Mus								
80	musculus	3	1	1	1	656	74.7	5.57	103816.6563
	OX=10090								
	GN=Nup85								
	PE=1 SV=1								

	Uncharacterize								
	d protein								
Q3UL	OS=Mus								
43	musculus	1	1	1	1	1346	150.1	6.07	1143127.25
	OX=10090								
	GN=Nup155								
	PE=2 SV=1								
	Vang-like								
	protein	1							
Q80Z	OS=Mus								
96	musculus	4	2	2	2	526	60	8.81	2306519.563
	OX=10090								
	GN=Vangl1								
	PE=1 SV=2								
Q3U	Cordon-bleu								
MF0	protein-like	2	2	2	2	1273	137.3	8.16	1662668.313

OS=Mus
 musculus
 OX=10090
 GN=Cobll1
 PE=1 SV=2

Helicase
 ATP-binding
 domain-contain
 ing protein

Q3TG
 P5

OS=Mus	3	2	2	2	549	60.8	5.25	1223484.156
musculus								
OX=10090								

GN=Ifih1 PE=2
 SV=1

Q3UK
 P5

Uncharacterize	2	2	2	2	855	99.8	6.21	1866796.813
d protein								

	OS=Mus								
	musculus								
	OX=10090								
	GN=Xab2 PE=2								
	SV=1								
	Fibulin-1								
	OS=Mus								
Q0887	musculus	2	1	1	1	705	78	5.16	714357.5
9	OX=10090								
	GN=Fbln1 PE=1								
	SV=2								
	Uncharacterize								
	d protein								
Q3UT	(Fragment)	2	1	1	1	601	68	4.53	855808.6875
E4	OS=Mus								
	musculus								

	OX=10090								
	GN=Rad21								
	PE=2 SV=1								
	60S ribosomal								
	protein L21								
Q4VA	OS=Mus								
28	musculus	9	1	1	1	160	18.6	10.49	1141226.25
	OX=10090								
	GN=Rpl21								
	PE=2 SV=1								
	Tr-type G								
	domain-contain								
Q8C8	ing protein	5	1	1	1	261	28.9	7.53	788657.3125
D6	OS=Mus								
	musculus								
	OX=10090								

	GN=Guf1	PE=2								
	SV=1									
	Inactive									
	phosphatidylin									
	ositol									
	3-phosphatase									
G3UZ	12	OS=Mus	4	2	2	2	526	59.9	6.52	212820.6406
04	musculus									
	OX=10090									
	GN=Mtmr12									
	PE=1	SV=1								
	DNA									
	topoisomerase									
Q0132	2-alpha		1	1	1	1	1528	172.7	8.6	292986.9688
0	OS=Mus									
	musculus									

OX=10090

GN=Top2a

PE=1 SV=2

FERM

domain-contain

ing protein 8

Q3UF	OS=Mus	3	1	1	1	466	51.8	6.44	729439.125
K8	musculus								

OX=10090

GN=Frmd8

PE=1 SV=2

Mediator of

RNA

Q8VC	polymerase II	3	2	2	2	649	72.4	7.3	1156416.125
D5	transcription								
	subunit	17							

	OS=Mus								
	musculus								
	OX=10090								
	GN=Med17								
	PE=1 SV=1								
	Paladin								
A0A0	OS=Mus								
R4J00	musculus	2	2	2	2	859	96.7	6.57	308773.1875
7	OX=10090								
	GN=Palad1 PE=1								
	SV=1								
	RNA helicase								
D3Z0	OS=Mus								
M9	musculus	3	2	2	2	819	95.4	9.58	1602007.813
	OX=10090								
	GN=Ddx23								

	PE=1 SV=1								
	ATP-dependent								
	6-phosphofruct								
	okinase, muscle								
P4785	type OS=Mus	2	2	2	1	780	85.2	8	
7	musculus								
	OX=10090								
	GN=Pfkm PE=1								
	SV=3								
	Rab-like protein								
	6 OS=Mus								
Q5U3	musculus	3	2	2	2	725	79.8	5.53	1802632.688
K5	OX=10090								
	GN=Rabl6 PE=1								
	SV=2								

	Uncharacterize								
	d protein								
Q8C0	OS=Mus								
76	musculus	3	2	2	2	617	70.5	6.86	3261665.625
	OX=10090								
	GN=Vps33b								
	PE=2 SV=1								
	Chondroitin								
	sulfate								
	proteoglycan 6								
	(Fragment)								
Q3U	OS=Mus	3	2	2	2	723	84.6	7.78	1665225
NU2	musculus								
	OX=10090								
	GN=Smc3 PE=2								
	SV=1								

	RRP12-like									
	protein									
Q6P5	OS=Mus									
B0	musculus	1	2	2	2	1295	143	8.91	1296467.656	
	OX=10090									
	GN=Rrp12									
	PE=1 SV=1									
	Golgin									
	subfamily	A								
A0A6	member	2								
I8MX	OS=Mus									
07	musculus	1	1	1	1	1026	116.2	5.05	782400.5625	
	OX=10090									
	GN=Golga2									
	PE=1 SV=1									
A0A0	Far upstream	12	2	2	1	149	15.5	8.48	1061389.125	

G2JG9 element-bindin

6 g protein 1

(Fragment)

OS=Mus

musculus

OX=10090

GN=Fubp1

PE=1 SV=1

Cleavage and

polyadenylation

-specificity

A0A1

factor subunit 3

Y7VJ9

8

2

2

2

247

28

5.86

3251856.125

(Fragment)

7

OS=Mus

musculus

OX=10090

GN=Cpsf3

PE=1 SV=1

Autophagy

protein 5

Q99J8
3

OS=Mus

musculus 3 1 1 1 275 32.4 5.91 567370.875

OX=10090

GN=Atg5 PE=1

SV=1

Rab5 GDP/GTP

exchange factor

Q9JM
13

OS=Mus

musculus 4 2 2 2 491 56.8 6.79 1806146.219

OX=10090

GN=Rabgef1

PE=1 SV=1

	Islet	cell							
	autoantigen	1							
D3Z1	OS=Mus								
18	musculus	2	1	1	1	465	52.9	6.2	328804.4375
	OX=10090								
	GN=Ica1	PE=1							
	SV=1								
	Myotubularin-r								
	elated protein	6							
Q8VE	OS=Mus								
11	musculus	2	1	1	1	617	70.9	7.83	827040.125
	OX=10090								
	GN=Mtmr6								
	PE=1	SV=1							
Q8CA	DNA_mis_repai								
P8	r	2	1	1	1	653	72	5.94	799083.6875

domain-containing protein
 OS=Mus musculus
 OX=10090
 GN=Mlh1 PE=2
 SV=1
 AP-5 complex subunit beta-1

(Fragment)

A0A4	OS=Mus								
94B8Y	musculus	6	1	1	1	208	21.9	6.54	307919.875
9	OX=10090								
	GN=Ap5b1								
	PE=1 SV=1								
Q8K2	Enhancer of	4	1	1	1	508	55.9	7.09	658509.875

D3 mRNA-decapping protein 3
 OS=Mus musculus
 OX=10090
 GN=Edc3 PE=1
 SV=1
 Probable
 ATP-dependent
 RNA helicase

Q9DB	DDX59								
N9	OS=Mus	2	1	1	1	619	68.2	6.98	591572.375

musculus
 OX=10090
 GN=Ddx59
 PE=1 SV=1

	Amino acid transporter								
Q9ES	OS=Mus musculus	2	1	1	1	532	56	5.87	
U8	OX=10090 GN=Slc1a4 PE=2 SV=1								
	Protein LTV1 homolog								
Q6NS	OS=Mus musculus	3	1	1	1	470	54	4.92	2283392.5
Q7	OX=10090 GN=Ltv1 PE=1 SV=2								
E9PX	Neurexophilin and PC-esterase	3	2	2	2	542	60	8.65	3708958.25
C9									

domain family,

member 5

OS=Mus

musculus

OX=10090

GN=Nxpe5

PE=3 SV=1

NudC

domain-contain

ing protein 1

Q6PIP	OS=Mus	3	2	2	2	582	66.7	5.3	1851747
5	musculus								
	OX=10090								
	GN=Nudcd1								
	PE=1 SV=2								

Q05D	Translocation	7	1	1	1	136	16	9.94	1414115.75
------	---------------	---	---	---	---	-----	----	------	------------

A2	protein SEC62 (Fragment) OS=Mus musculus OX=10090 GN=Sec62 PE=2 SV=1 Ribosomal protein S6 kinase beta-1								
Q8BS	OS=Mus	3	2	3	1	525	59.1	6.81	317900.625
K8	musculus OX=10090 GN=Rps6kb1 PE=1 SV=2								
Q91Z	SLIT-ROBO	1	1	1	1	1071	120.7	6.64	678702.6875

67	Rho								
	GTPase-activating protein 2								
	OS=Musculus								
	OX=10090								
	GN=Srgap2								
	PE=1 SV=2								
	Solute carrier family 4 (Anion exchanger), member 1,								
Q5BK	adaptor protein	2	1	1	1	507	57.5	4.93	775118.5
S1	OS=Musculus								
	OX=10090								

GN=Slc4a1ap

PE=2 SV=2

Uncharacterize

d protein

OS=Mus

Q8CB

musculus	2	1	1	1	564	60.5	6.4	778494.125
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M0

OX=10090

GN=Zyx PE=2

SV=1

Aprataxin and

PNK-like factor

OS=Mus

Q9D8

musculus	2	1	1	1	499	54.9	5.21	795596.25
----------	---	---	---	---	-----	------	------	-----------

42

OX=10090

GN=Aplf PE=1

SV=2

	Disks	large							
	homolog	4							
Q6210	OS=Mus								
8	musculus	2	2	3	1	724	80.4	5.87	1341786.031
	OX=10090								
	GN=Dlg4	PE=1							
	SV=1								
	Armadillo-like								
	helical								
	domain-contain								
Q6PD	ing protein	3							
19	OS=Mus	1	1	1	1	689	78.6	6.6	1411715.125
	musculus								
	OX=10090								
	GN=Armh3								
	PE=1	SV=2							

E9Q8	Afadin OS=Mus								
52	musculus								
	OX=10090	1	2	2	2	1805	204.4	6.24	1986565.688
	GN=Afdn PE=1								
	SV=2								
	Copa protein								
	(Fragment)								
Q63Z	OS=Mus								
W9	musculus	2	2	2	2	1131	127.2	7.2	1822840.688
	OX=10090								
	GN=Copa PE=2								
	SV=1								
	Kinesin-like								
Q9CX	protein								
V7	(Fragment)	4	1	1	1	495	56.6	7.8	447301.125
	OS=Mus								

musculus

OX=10090

GN=Kif23 PE=2

SV=2

Fatty acyl-CoA

reductase 1

OS=Mus

Q922J
9

musculus	2	1	1	1	515	59.4	9.19	666774.375
----------	---	---	---	---	-----	------	------	------------

OX=10090

GN=Far1 PE=1

SV=1

Tdp1 protein

OS=Mus

Q6P1
B8

musculus	3	1	1	1	609	68.5	7.64	290992.0625
----------	---	---	---	---	-----	------	------	-------------

OX=10090

GN=Tdp1 PE=2

	SV=1								
	Transaldolase								
	OS=Mus								
Q9309	musculus	5	2	3	2	337	37.4	7.03	424220902.4
2	OX=10090								
	GN=Taldo1								
	PE=1 SV=2								
	Try10-like								
	trypsinogen								
	OS=Mus								
Q7M7	musculus	8	1	1	1	246	26.5	5.06	4976366
54	OX=10090								
	GN=Gm5409								
	PE=2 SV=1								
Q3U	PKS_ER	3	2	2	2	374	39.9	7.99	1638954.594
MM7	domain-contain								

ing protein

OS=Mus

musculus

OX=10090

GN=Adh7 PE=2

SV=1

Nucleolar and

spindle-associat

ed protein 1

Q9ER	OS=Mus								
H4	musculus	2	1	1	1	427	48.5	9.89	654523.3125
	OX=10090								
	GN=Nusap1								
	PE=1 SV=1								
E9QL	BRCA1-associat								
K3	ed ATM	2	2	2	2	867	93.8	5.53	975722.375

	activator	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Brat1 PE=1								
	SV=1								
	Interferon-indu								
	ced protein with								
	tetratricopeptid								
	e repeats 3B								
E9PV	OS=Mus	2	1	1	1	403	47.2	5.86	899400.5625
48	musculus								
	OX=10090								
	GN=Ifit3b PE=1								
	SV=1								
A0A1	Procathepsin L	5	1	1	1	205	23.5	7.53	

Y7VN (Fragment)

M3 OS=Mus
musculus
OX=10090
GN=Cts1 PE=1
SV=1
Serine/threonin
e-protein
phosphatase 6
regulatory

Q505	ankyrin repeat	1	1	1	1	1053	112.8	6.27	550391.625
D1	subunit A								

OS=Mus
musculus
OX=10090
GN=Ankrd28

PE=1 SV=1

Carboxylic ester
hydrolase

Q6PD	OS=Mus								
B7	musculus	4	2	2	2	556	61.9	6.09	3354268.75

OX=10090

GN=Ces2b

PE=1 SV=1

ADP-ribosylation
factor 3

P6120	OS=Mus								
5	musculus	6	1	1	1	181	20.6	7.43	2834719.5

OX=10090

GN=Arf3 PE=2

SV=2

A2AK	ATP synthase, H ⁺ -transportin g, mitochondrial F1 complex, gamma polypeptide	1	12	1	1	1	101	10.9	10.1	896113.4375
V0	(Fragment)									
	OS=Mus musculus OX=10090 GN=Atp5c1 PE=1 SV=1									
F6WA	14-3-3 protein epsilon		12	2	2	1	154	17.4	9.16	553901.25
09	(Fragment)									

OS=Mus
 musculus
 OX=10090
 GN=Ywhae
 PE=1 SV=1
 Protease, serine
 1 (trypsin 1)

Q9Z1	OS=Mus								
R9	musculus	8	1	1	1	246	26.1	4.94	4042349.5
	OX=10090								
	GN=Prss1 PE=1								
	SV=1								
	Transforming								
Q9QU	protein RhoA								
I0	OS=Mus	6	1	1	1	193	21.8	6.1	2552919.5
	musculus								

	OX=10090								
	GN=Rhoa PE=1								
	SV=1								
	PHD finger								
	protein 23								
Q8BS	OS=Mus								
N5	musculus	3	1	1	1	401	43.5	5.8	936463.875
	OX=10090								
	GN=Phf23								
	PE=2 SV=2								
	Phosphatidylin								
	ositol-3-phosph								
Q8BQ	ate phosphatase								
73	(Fragment)	4	2	2	1	386	44.5	6.62	946736.1875
	OS=Mus								
	musculus								

	OX=10090								
	GN=Mtmr1								
	PE=2 SV=1								
	Numb-like								
	protein								
O0891	OS=Mus								
9	musculus	2	1	1	1	604	64.1	8.82	1262223.25
	OX=10090								
	GN=Numb1								
	PE=1 SV=3								
	Ephexin-1								
	OS=Mus								
Q8CH	musculus	3	2	2	2	710	82.1	5.99	1762513.469
T1	OX=10090								
	GN=Ngef PE=1								
	SV=1								

	Ataxin-10								
	OS=Mus								
P2865	musculus	2	1	1	1	475	53.7	5.25	333349.2188
8	OX=10090								
	GN=Atxn10								
	PE=1 SV=2								
	Serine/threonin								
	e-protein								
	phosphatase 2A								
	56 kDa								
Q6PD	regulatory	3	1	1	1	497	57.3	6.84	1405625.25
28	subunit beta								
	isoform								
	OS=Mus								
	musculus								
	OX=10090								

GN=Ppp2r5b

PE=1 SV=1

Phosphatidylin

ositol 4-kinase

beta OS=Mus

E9Q8

musculus	1	1	1	1	828	92.8	6.38	394240.0938
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A3

OX=10090

GN=Pi4kb PE=1

SV=1

Poly(A) RNA

polymerase,

mitochondrial

Q9D0

OS=Mus	2	1	1	1	585	65.2	8.88	1683499.125
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D3

musculus

OX=10090

GN=Mtpap

PE=1 SV=1

Rho

GTPase-activating protein 12

S4R24	OS=Mus	1	1	1	1	791	90	8.41	24956348
8	musculus								

OX=10090

GN=Arhgap12

PE=1 SV=1

Pyrroline-5-carboxylate

reductase

Q3TJ2	OS=Mus	3	1	1	1	320	33.6	7.5	986753
1	musculus								

OX=10090

GN=Pycr2 PE=2

SV=1

Cytochrome b5

heme-binding

domain-contain

ing protein

Q3TF

P8

OS=Mus 8 1 1 1 175 19.7 4.84

musculus

OX=10090

GN=Pgrmc1

PE=2 SV=1

MKIAA1150

protein

Q69Z

(Fragment)

4 1 1 1 369 40 9.92 1491759.5

Q5

OS=Mus

musculus

OX=10090

	GN=Gatad2b								
	PE=2 SV=1								
	Proteasome								
	subunit beta								
	type-5 OS=Mus								
Q8BT	musculus	7	1	1	1	177	18.9	5.29	395406.0938
Y5	OX=10090								
	GN=Psm5								
	PE=1 SV=1								
	Transgelin-2								
	OS=Mus								
Q9W	musculus	5	1	1	1	199	22.4	8.24	3688074.5
VA4	OX=10090								
	GN=Tagln2								
	PE=1 SV=4								
E9QL	Phosphatidylin	1	1	1	1	848	96.8	7.2	572433.3125

S6	ositol 3-kinase catalytic subunit type 3 OS=Mus musculus OX=10090 GN=Pik3c3 PE=1 SV=1 Retinoblastoma- binding protein								
A0A0	5 OS=Mus								
R4J2B	musculus	2	1	1	1	537	59	5.1	1385050.625
6	OX=10090 GN=Rbbp5 PE=1 SV=1								
S4R2	ADP-ribosylatio	3	2	2	1	595	64.5	5.47	

D2	n factor-binding protein GGA3 OS=Mus musculus OX=10090 GN=Gga3 PE=1 SV=1 REST corepressor 1								
A0A1	OS=Mus								
40T8R	musculus	4	2	2	2	382	43.9	7.25	814975.875
7	OX=10090 GN=Rcor1 PE=1 SV=1								
D3YV	Tetratricopeptid								
V0	e repeat domain	2	1	1	1	738	82.8	7.06	

13 OS=Mus

musculus

OX=10090

GN=Ttc13 PE=1

SV=2

TAR

DNA-binding

protein 43

Q8R0	OS=Mus	3	1	1	1	295	33.3	7.06	1187212.25
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B4 musculus

OX=10090

GN=Tardbp

PE=1 SV=1

Q91Y Skiv2l2 protein

T4	(Fragment)	3	1	1	1	725	82.2	7.46	
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OS=Mus

	musculus								
	OX=10090								
	GN=Mtrex								
	PE=2 SV=1								
	Something								
	about silencing								
	protein 10								
Q9JI1	OS=Mus	5	2	2	2	469	53.4	5.54	2042393.313
3	musculus								
	OX=10090								
	GN=Utp3 PE=1								
	SV=1								
	OTU								
B2RR	domain-contain	1	1	1	1	1107	123	6.76	1429888.25
E7	ing protein 4								
	OS=Mus								

musculus

OX=10090

GN=Otud4

PE=1 SV=1

Apolipoprotein

B-100

(Fragment)

E9Q1	OS=Mus	0	1	1	1	4456	503.6	6.83	1973015.125
------	--------	---	---	---	---	------	-------	------	-------------

Y3 musculus

OX=10090

GN=Apob PE=1

SV=1

Ubiquitin-associ

Q91V	ated protein 2	1	1	1	1	1132	117.9	7.72	702501.3125
------	----------------	---	---	---	---	------	-------	------	-------------

X2 OS=Mus

musculus

OX=10090

GN=Ubp2

PE=1 SV=1

MFLJ00199

protein

(Fragment)

Q6KA	OS=Mus	2	1	1	1	447	49.1	5.8	1108867.5
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Q5	musculus
----	----------

OX=10090

GN=mFLJ00199

PE=3 SV=1

Protein lin-54

A0A7	homolog
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P0A1	OS=Mus	12	1	1	1	98	10.1	10.52	1094346.375
------	--------	----	---	---	---	----	------	-------	-------------

53	musculus
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OX=10090

	GN=Lin54 PE=1								
	SV=1								
	NADH								
	dehydrogenase								
	[ubiquinone]								
	flavoprotein 1,								
D3YX	mitochondrial								
X5	(Fragment)	9	1	1	1	115	12.5	7.87	714579.5625
	OS=Mus								
	musculus								
	OX=10090								
	GN=Ndufv1								
	PE=1 SV=1								
B7ZP	UDP-glucurono								
03	syltransferase	2	1	1	1	508	58.6	8.13	486478.9063
	OS=Mus								

	musculus								
	OX=10090								
	GN=Ugt2b36								
	PE=2 SV=1								
	tRNA-dihydrou								
	ridine(20)								
	synthase								
	[NAD(P)+]-like								
D3Z4	OS=Mus	19	1	1	1	90	10.4	7.78	2728418.25
C7	musculus								
	OX=10090								
	GN=Dus2 PE=1								
	SV=2								
P1780	Solute carrier								
9	family	2, 2	1	1	1	492	53.9	8.87	901970.75
	facilitated								

glucose
 transporter
 member 1
 OS=Mus
 musculus
 OX=10090
 GN=Slc2a1
 PE=1 SV=4
 Malonate--CoA
 ligase ACSF3,
 mitochondrial

Q3UR	OS=Mus							
E1	musculus	2	1	1	1	583	65	8.02

OX=10090
 GN=Acsf3 PE=1
 SV=2

	Trophoblast								
	glycoprotein								
Q9Z0	OS=Mus								
L0	musculus	3	1	1	1	426	46.4	6.83	1284652.625
	OX=10090								
	GN=Tpbg PE=1								
	SV=3								
	Cytokine								
	receptor-like								
	factor	3							
Q9Z2	OS=Mus								
L7	musculus	3	1	1	1	442	49.5	5.03	664064.25
	OX=10090								
	GN=Cr1f3 PE=1								
	SV=1								
Q8BI8	Transport and	1	1	1	1	1930	213.5	4.75	423286.5

4 Golgi
 organization
 protein 1
 homolog
 OS=Mus
 musculus
 OX=10090
 GN=Mia3 PE=1
 SV=2
 Spermatosis
 associated 5-like

A0A7 1 OS=Mus

N9VS	musculus	3	2	2	2	747	80.7	7.28	667525.25
------	----------	---	---	---	---	-----	------	------	-----------

G0 OX=10090
 GN=Spata511
 PE=1 SV=1

	60S ribosomal protein L17 (Fragment)								
Q80V 08	OS=Mus musculus OX=10090 GN=Rpl17 PE=2 SV=1 Prothrombin OS=Mus	7	1	1	1	194	22.4	10.33	1023569.188
H7BX 99	musculus OX=10090 GN=F2 PE=1 SV=1	1	1	1	1	617	70.2	6.43	533522
F8VP M7	ELKS/Rab6-int eracting/CAST	1	1	1	1	1120	128.3	5.91	341383.8125

	family member								
	1 OS=Mus								
	musculus								
	OX=10090								
	GN=Erc1 PE=1								
	SV=1								
	Tcof1 protein								
	(Fragment)								
	OS=Mus								
Q05B	musculus	2	2	2	2	1237	126.3	9.29	1481610
H6	OX=10090								
	GN=Tcof1 PE=2								
	SV=1								
A0A1	Katanin p80								
D5R	WD40	26	2	2	2	109	11.7	7.34	4335119
MH5	repeat-contains								

g subunit B1

OS=Mus

musculus

OX=10090

GN=Katnb1

PE=1 SV=1

Uncharacterize

d protein

OS=Mus

Q8C4

musculus

2

1

1

1

503

53.7

5.05

990242.25

C0

OX=10090

GN=Nrf1 PE=2

SV=1

tRNA-specific

Q9JHI

adenosine

3

1

1

1

499

55.3

8.16

2

deaminase 1

	OS=Mus								
	musculus								
	OX=10090								
	GN=Adat1								
	PE=1 SV=1								
	Phosphoinositid								
	e phospholipase								
	C (Fragment)								
A0A4	OS=Mus								
94B9C	musculus	2	1	1	1	508	57.2	5.07	439986.7188
1	OX=10090								
	GN=Plcb3 PE=1								
	SV=1								
	Tripartite								
D3Z7	motif-containin	4	1	1	1	287	31.8	6.37	932959.0625
V9	g protein	3							

(Fragment)

OS=Mus

musculus

OX=10090

GN=Trim3

PE=1 SV=8

PIK3R2

(Fragment)

A0A2 OS=Mus

X0SZ2 musculus 2 1 1 1 724 81.4 6.07 723260.9375

1 OX=10090

GN=PIK3R2

PE=3 SV=1

O5514 60S ribosomal

2 protein L35a 15 2 2 2 110 12.5 10.89 2422346.75

OS=Mus

	musculus								
	OX=10090								
	GN=Rpl35a								
	PE=1 SV=2								
	ATP-dependent								
	RNA helicase								
	DDX51								
Q6P9	OS=Mus								
R1	musculus	2	1	1	1	639	70.3	9.47	582491.0625
	OX=10090								
	GN=Ddx51								
	PE=1 SV=1								
	BRISC complex								
D3Z4	subunit								
D8	Abraxas	4	1	1	1	289	33.5	7.75	466578.7813
	(Fragment)	2							

	OS=Mus								
	musculus								
	OX=10090								
	GN=Abraxas2								
	PE=1 SV=2								
	RIKEN cDNA								
	2210010C04								
Q9CP	gene OS=Mus								
N9	musculus	5	1	1	1	247	26.4	7.93	11909424
	OX=10090								
	GN=2210010C0								
	4Rik PE=1 SV=1								
	60S ribosomal								
D3YY	protein L5								
V8	(Fragment)	6	1	1	1	163	18	7.36	534275.5
	OS=Mus								

	musculus								
	OX=10090								
	GN=Rpl5 PE=1								
	SV=1								
	RNA								
	polymerase-ass								
	ociated protein								
	RTF1 homolog								
A2AQ	OS=Mus	2	1	1	1	715	80.7	8.16	597430.75
19	musculus								
	OX=10090								
	GN=Rtf1 PE=1								
	SV=1								
	Aminoacyl								
Q8R3	tRNA synthase	3	1	1	1	280	31.1	7.46	449826.5938
V2	complex-interac								

ting
 multifunctional
 protein 2
 OS=Mus
 musculus
 OX=10090
 GN=Aimp2
 PE=1 SV=1

Metallothionein
 -1 OS=Mus

A0A1	musculus								
D5RL	OX=10090	6	1	1	1	132	13.7	8.34	3187842.5
N7	GN=Mt1 PE=1								
	SV=1								
Q3TK	Spliceosome-ass								
Y6	ociated protein	3	1	1	1	469	53.5	5.53	1822709.125

CWC27
 homolog
 OS=Mus
 musculus
 OX=10090
 GN=Cwc27
 PE=1 SV=1
 NCK-interactin
 g protein with
 SH3 domain

Q9ESJ	OS=Mus	1	1	1	1	714	78.5	6.05	1022834.625
4	musculus								
	OX=10090								
	GN=Nckipsd								
	PE=1 SV=2								
Q9D2	Target of EGR1	2	1	1	1	511	56.8	6.64	905682.25

E2	protein	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Toe1 PE=1								
	SV=1								
	Neuropilin								
	OS=Mus								
Q8QZ	musculus	2	2	2	2	926	104	5.25	1562493.188
Y7	OX=10090								
	GN=Nrp2 PE=2								
	SV=1								
	Malectin								
Q6ZQ	OS=Mus	4	1	1	1	291	32.3	6.05	
I3	musculus								
	OX=10090								

	GN=Mlec	PE=1							
	SV=2								
	Phosphatidylin								
	ositol								
	4-phosphate								
D3YU	5-kinase type-1								
Y3	alpha OS=Mus	2	1	1	1	497	55.3	8.05	1021296.688
	musculus								
	OX=10090								
	GN=Pip5k1a								
	PE=1 SV=1								
	RFX-type								
Q8BY	winged-helix								
Y2	domain-contain	2	1	1	1	695	75.9	5.85	553167
	ing protein								
	(Fragment)								

OS=Mus
 musculus
 OX=10090
 GN=Rfx1 PE=2
 SV=1
 RNA
 polymerase II
 subunit A
 C-terminal

Q7TS
 G2

domain
 phosphatase 1 1 1 1 960 104.5 5.39 920816.1875

OS=Mus
 musculus
 OX=10090
 GN=Ctdp1
 PE=1 SV=1

	Inter-alpha-tryptophan inhibitor heavy chain H3								
A0A2	OS=Mus								
I3BR	musculus	1	1	1	1	699	78	6.84	1662910.5
Q3	OX=10090								
	GN=Itih3 PE=1								
	SV=1								
	Mothers against decapentaplegic homolog								
E3SR	OS=Mus								
G8	musculus	2	1	1	1	455	49.9	6.79	13233812
	OX=10090								
	GN=Smad4								
	PE=2 SV=1								

	Non-specific								
	serine/threonin								
	e protein kinase								
A1A5	OS=Mus	2	2	2	1	966	111.9	7.15	1359613.25
53	musculus								
	OX=10090								
	GN=Stk10 PE=2								
	SV=1								
	Serine/threonin								
	e-protein								
	phosphatase	4							
Q8C0	regulatory	1	1	1	1	875	99.4	7.71	1601046.5
Y0	subunit	4							
	OS=Mus								
	musculus								
	OX=10090								

GN=Ppp4r4

PE=1 SV=2

Nucleolar

protein 14

OS=Mus

Q8R3

musculus 1 1 1 1 860 98.7 7.59

N1

OX=10090

GN=Nop14

PE=1 SV=2

Charged

multivesicular

body protein 7

Q8R1

OS=Mus 5 2 2 2 451 50.6 5.22 2732929.438

T1

musculus

OX=10090

GN=Chmp7

PE=1 SV=1

Structural

maintenance of
chromosomes

protein 1A

A0JL	(Fragment)	2	2	2	2	679	79	9.13	671736.9375
------	------------	---	---	---	---	-----	----	------	-------------

M6 OS=Mus
musculus
OX=10090
GN=Smc1a

PE=2 SV=1

Ubiquitin

A2AI	carboxyl-termin al hydrolase	8	1	1	1	1091	123.8	8.54	436440.5625
------	---------------------------------	---	---	---	---	------	-------	------	-------------

52 OS=Mus
musculus

OX=10090
 GN=Usp8 PE=1
 SV=1
 Probable
 ATP-dependent
 RNA helicase

Q9D0
 R4 DDX56
 OS=Mus 3 1 1 1 546 61.2 9.17
 musculus

OX=10090
 GN=Ddx56
 PE=2 SV=1
 Protein SHQ1

Q7TM
 X5 homolog
 OS=Mus 2 1 1 1 569 63.4 4.83
 musculus

	OX=10090								
	GN=Shq1 PE=1								
	SV=2								
	Calcium-indepe ndent phospholipase A2-gamma (Fragment)								
F7B2		7	1	1	1	137	14.8	7.77	
N8	OS=Mus musculus								
	OX=10090								
	GN=Pnpla8								
	PE=1 SV=2								
A2RR	Clasp2 protein								
R3	OS=Mus musculus	1	1	1	1	1089	119.4	8.76	10258113

	OX=10090								
	GN=Clasp2								
	PE=2 SV=1								
	Uncharacterize								
	d protein								
Q8C1	OS=Mus								
T2	musculus	4	1	1	1	241	28	5.01	312937.0625
	OX=10090								
	GN=Psm6								
	PE=2 SV=1								
	Twinfilin-1								
	OS=Mus								
Q91Y	musculus	3	1	1	1	350	40.1	6.67	342163.5
R1	OX=10090								
	GN=Twf1 PE=1								
	SV=2								

P3655	Oxygen-depend ent coproporphyrin ogen-III oxidase, mitochondrial	2	1	1	1	443	49.7	8.53	356963.8125
2	OS=Mus musculus OX=10090 GN=Cpox PE=1 SV=2								
Q5FW	Oxysterol-bindi ng protein	2	1	1	1	626	70.1	6.05	3191191.25
X7	OS=Mus musculus OX=10090								

	GN=Osbp19								
	PE=1 SV=1								
	G patch								
	domain-contain								
	ing protein 4								
A0A0	(Fragment)								
A6Y	OS=Mus	5	1	1	1	239	26.5	9.33	3127964.5
WB3	musculus								
	OX=10090								
	GN=Gpatch4								
	PE=1 SV=1								
	Sphingosine								
	kinase 2								
Q9JIA	OS=Mus	2	1	1	1	617	65.6	6.57	786924.1875
7	musculus								
	OX=10090								

	GN=Sphk2									
	PE=1 SV=2									
	High mobility									
	group									
	nucleosome-bin									
	ding									
	domain-contain									
Q9JL3	ing protein	5	3	1	1	1	406	45.3	4.37	1653903.875
5	OS=Mus									
	musculus									
	OX=10090									
	GN=Hmgn5									
	PE=1 SV=2									
Q8K4	Antioxidant									
K8	protein		3	1	1	1	254	27.7	6.84	648911.5625
	OS=Mus									

	musculus								
	OX=10090 PE=4								
	SV=1								
	Phospholipid								
	transfer protein								
	C2CD2L								
Q80X	OS=Mus	1	1	1	1	706	76.3	7.21	1958240.875
80	musculus								
	OX=10090								
	GN=C2cd2l								
	PE=1 SV=3								
	BCL2-associate								
G3UX	d athanogene 6								
T8	(Fragment)	2	1	1	1	563	59.3	6.32	1264590.625
	OS=Mus								
	musculus								

	OX=10090								
	GN=Bag6 PE=1								
	SV=1								
	AP2-associated								
	protein kinase 1								
Q3U	OS=Mus								
HJ0	musculus	2	1	1	1	959	103.3	6.7	467165.0625
	OX=10090								
	GN=Aak1 PE=1								
	SV=2								
	Ubiquitin								
	carboxyl-termin								
G3U	al hydrolase 7								
WR8	(Fragment)	5	2	2	2	327	37.2	5.92	2072879.313
	OS=Mus								
	musculus								

OX=10090

GN=Usp7 PE=1

SV=1

Cap-specific

mRNA

(nucleoside-2'-O

-)-methyltransfe

Q8B

rase 2 OS=Mus 2 1 1 1 767 87.1 7.08

WQ4

musculus

OX=10090

GN=Cmtr2

PE=2 SV=1

Aldo-keto

Q91W

reductase

2 1 1 1 323 36.9 7.18 515863.0313

R5

family 1

member C21

OS=Mus
 musculus
 OX=10090
 GN=Akr1c21
 PE=1 SV=2
 Bcl-2-associated
 transcription
 factor 1

Q8K0	OS=Mus								
19	musculus	1	1	1	1	919	105.9	9.99	2222261.5
	OX=10090								
	GN=Bclaf1								
	PE=1 SV=2								
A0A0	Isocitrate								
U1RP	dehydrogenase	6	1	1	1	150	16.7	8.73	1004957.125
68	[NADP],								

mitochondrial

(Fragment)

OS=Mus

musculus

OX=10090

GN=Idh2 PE=1

SV=1

Exosome

complex

component

B2RY	RRP45 OS=Mus	2	1	1	1	438	48.9	5.15	846996.375
30	musculus								
	OX=10090								
	GN=Exosc9								
	PE=2 SV=1								

Q6PA	Retinoblastoma-	1	1	1	1	1063	119.4	7.49	473974.0313
------	-----------------	---	---	---	---	------	-------	------	-------------

R4	like 1 (P107)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Rbl1 PE=2								
	SV=1								
	RalA-binding								
	protein 1								
Q6217	OS=Mus								
2	musculus	1	1	1	1	648	75	5.92	1106035.5
	OX=10090								
	GN=Ralbp1								
	PE=1 SV=4								
D3YX	E3								
C4	ubiquitin-protein ligase RNF25	9	1	1	1	102	11.4	6.67	973232.625

	(Fragment)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Rnf25								
	PE=1 SV=1								
	Acid								
	ceramidase								
Q9W	OS=Mus								
V54	musculus	3	1	1	1	394	44.6	8.46	774196.6875
	OX=10090								
	GN=Asah1								
	PE=1 SV=1								
A0A0	RNA helicase								
G2JG	OS=Mus	1	1	1	1	1186	132.9	8.59	580078.6875
L8	musculus								

	OX=10090								
	GN=Dhx30								
	PE=1 SV=1								
	Transcription								
	factor E2F4								
Q8R0	OS=Mus								
K9	musculus	2	1	1	1	410	43.8	4.75	569947.25
	OX=10090								
	GN=E2f4 PE=1								
	SV=1								
	Ppfia1 protein								
	OS=Mus								
B2RX	musculus	2	2	2	2	1266	142.6	6.25	3752034.5
Q2	OX=10090								
	GN=Ppfia1								
	PE=1 SV=1								

	HECT-type E3 ubiquitin transferase								
Q4JG 03	OS=Mus musculus OX=10090 GN=Huwe1 PE=2 SV=1 TAF6-like RNA polymerase II p300/CBP-asso ciated	0	1	1	1	4378	482.4	5.22	801124.875
A0A0 87WQ C4	factor-associate d factor 65 kDa subunit 6L OS=Mus	3	1	1	1	597	65	8.88	

	musculus								
	OX=10090								
	GN=Taf6l PE=1								
	SV=1								
	Alpha-2-macroglobulin-P								
	OS=Mus								
Q6GQ	musculus	1	1	1	1	1474	164.2	6.61	698260.875
T1	OX=10090								
	GN=A2m PE=2								
	SV=2								
	Non-specific serine/threonine protein kinase								
V9G	e protein kinase	0	1	1	1	1789	197.6	6.05	464858.8125
WU7	OS=Mus								
	musculus								

OX=10090

GN=Wnk3

PE=1 SV=1

Ribosome

biogenesis

protein NOP53

Q8BT	OS=Mus							
X4	musculus	4	1	1	1	484	55.8	10.35

OX=10090

GN=Nop53

PE=2 SV=1

pre-rRNA

2'-O-ribose

Q9DB	RNA	1	1	1	1	838	95.5	8.38	886774.375
E9	methyltransferase								
	se								
	FTSJ3								

OS=Mus
 musculus
 OX=10090
 GN=Ftsj3 PE=1
 SV=1
 E3
 ubiquitin-protein
 ligase TRIM56

A0A0
 R4J0Q
 6

OS=Mus	1	1	1	1	734	79.5	7.88	846087.75
musculus								
OX=10090								
GN=Trim56								
PE=1 SV=1								

A0A0
 R4J14
 0

Clustered	1	1	1	1	1353	151.7	6.02	342857.2813
mitochondria								
protein								

homolog
 OS=Mus
 musculus
 OX=10090
 GN=Cluh PE=1
 SV=1

Toll-like
 receptor 8

P5868
 2

OS=Mus
 musculus 1 2 2 1 1032 119.3 7.31 719466.3125
 OX=10090

GN=Tlr8 PE=1
 SV=2

P3488
 4

Macrophage
 migration 8 1 1 1 115 12.5 7.34 1749820.75
 inhibitory factor

	OS=Mus								
	musculus								
	OX=10090								
	GN=Mif PE=1								
	SV=2								
	60S ribosomal								
	protein L28								
Q5M9	OS=Mus								
N5	musculus	8	1	1	1	137	15.7	12.02	
	OX=10090								
	GN=Rpl28								
	PE=2 SV=1								
	KRAB-contains								
Q9Z1	g zinc-finger								
16	protein KRAZ2	4	1	1	1	606	71.1	8.32	2698544.5
	OS=Mus								

	musculus								
	OX=10090								
	GN=Zfp68								
	PE=1 SV=1								
	WW								
	domain-contain								
	ing protein								
	(Fragment)								
Q3U0	OS=Mus	11	2	2	1	244	25	8.81	
46	musculus								
	OX=10090								
	GN=Yap1 PE=2								
	SV=1								
F6XU	G-patch domain								
64	and KOW	5	1	1	1	190	21.2	9.7	3071559.75
	motifs-containin								

g protein

(Fragment)

OS=Mus

musculus

OX=10090

GN=Gpkow

PE=1 SV=1

Integrin

alpha-V

OS=Mus

A2AK

musculus

2

2

2

2

1008

111.4

5.67

2264965.438

I5

OX=10090

GN=Itgav PE=1

SV=1

E0CX

Pituitary

14

2

2

2

111

12.6

8.19

10840713.63

B5

tumor-transfor

ming gene 1
 protein-interacti
 ng protein
 (Fragment)

OS=Mus

musculus

OX=10090

GN=Pttglip

PE=1 SV=1

40S ribosomal

protein S6

Q3TL	OS=Mus								
53	musculus	3	1	1	1	249	28.7	10.77	4822807
	OX=10090								
	PE=2								
	SV=1								

A2AP	Z-DNA-binding	6	2	2	2	411	44.2	5.8	1596096.938
------	---------------	---	---	---	---	-----	------	-----	-------------

F7	protein	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Zbp1 PE=1								
	SV=1								
	V-type proton								
	ATPase subunit								
	a (Fragment)								
Q9JL1	OS=Mus	5	1	1	1	169	19.4	6.15	688518.875
1	musculus								
	OX=10090								
	GN=Tcirg1								
	PE=2 SV=1								
O3540	5'-3'	2	1	1	1	488	54.4	6.52	1172871.625
5	exonuclease								

PLD3 OS=Mus

musculus

OX=10090

GN=Pld3 PE=1

SV=1

Calcium uptake

protein 1,

mitochondrial

Q8VC	OS=Mus	2	1	1	1	477	54.3	8.59	
X5	musculus								
	OX=10090								
	GN=Micu1								
	PE=1 SV=1								
Q6201	Podoplanin								
1	OS=Mus	8	1	1	1	172	18.2	5.53	3023331.25
	musculus								

OX=10090

GN=Pdpn PE=1

SV=2

Replication

factor C subunit

1 OS=Mus

G3U

musculus	1	1	1	1	1145	127.5	9.31	1383289.75
----------	---	---	---	---	------	-------	------	------------

WX1

OX=10090

GN=Rfc1 PE=1

SV=2

TOX high

mobility group

box family

Q3U6

member	4	2	1	1	1	619	66	5.01	1408678.625
--------	---	---	---	---	---	-----	----	------	-------------

61

OS=Mus

musculus

	OX=10090								
	GN=Tox4 PE=2								
	SV=1								
	Eyes absent								
	homolog								
Q6P4	OS=Mus								
T3	musculus	3	1	1	1	526	57.8	5.11	767223.9375
	OX=10090								
	GN=Eya3 PE=1								
	SV=1								
	Isocitrate								
	dehydrogenase								
P7040	[NAD] subunit								
4	gamma 1,	2	1	1	1	393	42.8	9.01	1245930.75
	mitochondrial								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Idh3g								
	PE=1 SV=1								
	Probable								
	ATP-dependent								
	RNA helicase								
	DDX46								
Q569	OS=Mus	1	1	1	1	1032	117.4	9.26	479087.2813
Z5	musculus								
	OX=10090								
	GN=Ddx46								
	PE=1 SV=2								
A1A5	TBC1 domain								
B6	family member	1	1	1	1	742	82.5	6.79	
	25 OS=Mus								

	musculus								
	OX=10090								
	GN=Tbc1d25								
	PE=1 SV=1								
	40S ribosomal								
	protein S5								
	OS=Mus								
P9746	musculus	4	1	1	1	204	22.9	9.72	1361310.375
1	OX=10090								
	GN=Rps5 PE=1								
	SV=3								
	ABI gene family								
	member 3								
Q8BY	OS=Mus	4	1	1	1	367	39.1	5.54	1443528.5
Z1	musculus								
	OX=10090								

GN=Abi3 PE=1

SV=3

MKIAA0691

protein

(Fragment)

Q6A0	OS=Mus	1	1	1	1	677	73.1	5.81	421801.875
15	musculus								

OX=10090

GN=Cnot3

PE=2 SV=1

Signal sequence

receptor

Q9D6	subunit delta	6	1	1	1	172	19	5.78	486359.5625
F7	OS=Mus								

musculus

OX=10090

	GN=Ssr4	PE=2							
	SV=1								
	E3								
	ubiquitin-protei								
	n ligase TRIM32								
	(Fragment)								
A2AG	OS=Mus	4	1	1	1	183	20.4	8.28	1309053
S1	musculus								
	OX=10090								
	GN=Trim32								
	PE=1	SV=1							
	Trafficking								
	protein particle								
Q8K2	complex	3	2	2	2	797	87.6	4.81	459468.9063
L8	subunit	12							
	OS=Mus								

	musculus								
	OX=10090								
	GN=Trappc12								
	PE=1 SV=2								
	Ubiquitinyl								
	hydrolase	1							
	OS=Mus								
Q4FE	musculus	0	1	1	1	2554	290	5.83	819986.375
56	OX=10090								
	GN=Usp9x								
	PE=1 SV=1								
	Protein								
A0A0	PRRC2C								
A0M	OS=Mus	0	1	1	1	2844	310.5	9.1	1360154.625
Q79	musculus								
	OX=10090								

GN=Prrc2c
 PE=1 SV=1
 Non-specific
 serine/threonin
 e protein kinase

E9PY	OS=Mus	1	1	1	1	716	80.2	9.72	428389.4063
X3	musculus								

OX=10090
 GN=Mark2
 PE=1 SV=1
 BRCA1-A
 complex

Q5U5	subunit RAP80	2	1	1	1	727	81.4	6.51	958075.6875
Q9	OS=Mus								
	musculus								
	OX=10090								

	GN=Uimc1								
	PE=1 SV=2								
	Integrator								
	complex								
	subunit	13							
	(Fragment)								
F6W7	OS=Mus	2	1	1	1	395	44.3	6.52	723861.4375
61	musculus								
	OX=10090								
	GN=Ints13								
	PE=1 SV=8								
	Heat shock	70							
	kDa protein	13							
Q8BM	OS=Mus	1	1	1	1	471	51.7	5.63	848268.9375
72	musculus								
	OX=10090								

	GN=Hspa13								
	PE=1 SV=1								
	Mitotic								
	checkpoint								
A0A1	protein BUB3								
40LH	OS=Mus	2	1	1	1	324	36.7	6.84	331185.375
A2	musculus								
	OX=10090								
	GN=Bub3 PE=1								
	SV=1								
	Growth factor								
	receptor-bound								
Q6063	protein	2							
1	OS=Mus	5	1	1	1	217	25.2	6.32	3287334.25
	musculus								
	OX=10090								

	GN=Grb2 PE=1								
	SV=1								
	Zinc finger and								
	BTB								
	domain-contain								
	ing protein 7A								
D3YV	(Fragment)	6	1	1	1	174	18.7	4.6	1494201
F8	OS=Mus								
	musculus								
	OX=10090								
	GN=Zbtb7a								
	PE=1 SV=1								
A0A0	Protein S100-A4								
G2JG	(Fragment)	10	1	1	1	78	9.1	5.21	1956295.25
D2	OS=Mus								
	musculus								

OX=10090

GN=S100a4

PE=1 SV=1

Sorting nexin-8

(Fragment)

A0A0 OS=Mus

G2JD	musculus	9	1	1	1	75	8.5	9.41	657248.25
------	----------	---	---	---	---	----	-----	------	-----------

T3 OX=10090

GN=Snx8 PE=1

SV=1

Protein

O-linked-mann

Q8B	ose	2	1	1	1	605	69.3	8.78	870312.0625
-----	-----	---	---	---	---	-----	------	------	-------------

W41 beta-1,4-N-acety

lglucosaminyltr

ansferase 2

	OS=Mus								
	musculus								
	OX=10090								
	GN=Pomgnt2								
	PE=1 SV=1								
	Profilin								
	OS=Mus								
Q3U7	musculus	6	1	1	1	140	15	8.28	885481.9375
V7	OX=10090								
	GN=Pfn1 PE=2								
	SV=1								
	Preferentially								
	expressed								
Q810	antigen	in 1	1	1	1	479	55.8	7.24	289663.75
Y8	melanoma-like								
	protein	7							

	OS=Mus								
	musculus								
	OX=10090								
	GN=Pramel7								
	PE=1 SV=1								
	WD repeat								
	domain 66								
G3X9	OS=Mus								
E9	musculus	13	1	1	1	325	36.4	4.93	
	OX=10090								
	GN=Wdr66								
	PE=1 SV=1								
	Brain-specific								
Q9DB	angiogenesis	2	1	1	1	514	57.2	8.75	1093398.25
J3	inhibitor								
	1-associated								

	protein	2-like						
	protein	1						
	OS=Mus							
	musculus							
	OX=10090							
	GN=Baiap2l1							
	PE=1 SV=1							
	Uncharacterize							
	d	protein						
	OS=Mus							
Q8BI	musculus	2	1	1	1	432	46	4.06
X0	OX=10090							
	GN=Tpr	PE=2						
	SV=1							
A0A0	Vacuolar fusion	2	1	1	1	556	62.1	6.1
R4J0D	protein MON1							

5	homolog								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Mon1a								
	PE=1 SV=1								
	Beta-glucuronid								
	ase OS=Mus								
D3YY	musculus	7	1	1	1	144	16.5	8.19	710304.875
48	OX=10090								
	GN=Gusb PE=1								
	SV=1								
	STAGA								
E9PX	complex 65	4	1	1	1	344	38.5	5.35	445572.0313
66	subunit gamma								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Supt71								
	PE=1 SV=1								
	Aldo_ket_red								
	domain-contain								
	ing protein								
	(Fragment)								
Q3TC	OS=Mus	3	1	1	1	310	35	7.43	1016217.563
L2	musculus								
	OX=10090								
	GN=Akr1b3								
	PE=2 SV=1								
	F-box								
Q3U4	domain-contain	2	1	1	1	391	44.3	7.96	3024047
07	ing protein								

(Fragment)

OS=Mus

musculus

OX=10090

GN=Fbxl17

PE=2 SV=1

Hydroxymethyl

glutaryl-CoA

lyase,

mitochondrial

P3806
0

OS=Mus	5	1	1	1	325	34.2	8.41
--------	---	---	---	---	-----	------	------

musculus

OX=10090

GN=Hmgcl

PE=1 SV=2

Q05B	Ppm2c protein	1	1	1	1	538	61.1	6.6	509510.5938
------	---------------	---	---	---	---	-----	------	-----	-------------

F9	OS=Mus musculus OX=10090 GN=Pdp1 PE=2 SV=1 Suppressor of tumorigenicity 7 protein-like								
A0A0	(Fragment)								
G2JE	OS=Mus	3	1	1	1	241	28.2	8.62	2028056.625
N7	musculus OX=10090 GN=St71 PE=3 SV=1								
Q9R1	Sodium-hydrog	8	1	1	1	142	15.4	5.39	1421733.625
A1	en exchanger								

regulatory

factor

(Fragment)

OS=Mus

musculus

OX=10090 PE=4

SV=1

RIKEN cDNA

4932415D10

A0A1 gene OS=Mus

W2P6	musculus	0	1	1	1	4986	551.5	8	3409726.75
------	----------	---	---	---	---	------	-------	---	------------

U8 OX=10090

GN=4932415D1

ORik PE=4 SV=1

A0A1 NOT2_3_5

S6GW	domain-contain	3	1	1	1	550	60.8	8.21	2054729.375
------	----------------	---	---	---	---	-----	------	------	-------------

J6	ing protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Cnot2								
	PE=2 SV=1								
	60S ribosomal								
	protein L34								
	(Fragment)								
A0A0	OS=Mus								
G2JG	musculus	12	1	1	1	59	6.7	11.66	2304035.75
Y8	OX=10090								
	GN=Rpl34								
	PE=1 SV=4								
I6L9G	E3								
8	ubiquitin-protei	1	1	1	1	691	76.5	8.02	383859.9375

n ligase

OS=Mus

musculus

OX=10090

GN=Dtx3l PE=2

SV=1

Probable

ATP-dependent

DNA helicase

D3Z4	HFM1 OS=Mus	0	1	1	1	1434	161.3	7.85
R1	musculus							

OX=10090

GN=Hfm1

PE=3 SV=2

H3BK	Glycosylated	9	1	1	1	148	15.9	6.71	5182813
59	lysosomal								

membrane
protein
OS=Mus
musculus
OX=10090
GN=GImp
PE=1 SV=1
Coiled-coil and
C2
domain-contain
ing protein 1A

Q8K1
A6

OS=Mus	1	1	1	1	943	103.6	7.84	1074223.125
musculus								
OX=10090								
GN=Cc2d1a								
PE=1 SV=2								

	Phosphoinositid e phospholipase								
A0A0	C OS=Mus								
A0M	musculus	1	1	2	1	1073	122.5	7.72	14036176
QM2	OX=10090 GN=Plch1 PE=1 SV=1 mRNA-capping enzyme								
Q3TU	OS=Mus								
K6	musculus	2	1	1	1	480	55.1	7.58	6318328.5
	OX=10090 GN=Rngtt PE=2 SV=1								
V9GX	Synergia								
D9	gamma	1	1	1	1	1216	129.9	5.02	944790.1875

	OS=Mus								
	musculus								
	OX=10090								
	GN=Synrg								
	PE=1 SV=1								
	Envelope								
	protein								
P9740	OS=Mus								
6	musculus	2	1	1	1	596	65.9	8.13	597246.25
	OX=10090								
	GN=D17H6S56								
	E-5 PE=2 SV=1								
	Afamin								
O8902	OS=Mus								
0	musculus	1	1	1	1	608	69.3	5.78	1052067
	OX=10090								

	GN=Afm PE=1								
	SV=2								
	Arylsulfatase B								
A0A0	OS=Mus								
R4J13	musculus	2	1	1	1	534	59.7	7.14	517005.375
8	OX=10090								
	GN=Arsb PE=1								
	SV=1								
	Peroxisomal								
	succinyl-coenzy								
	me A								
Q8B	thioesterase	3	1	1	1	421	46.5	7.85	730156.1875
WN8	OS=Mus								
	musculus								
	OX=10090								
	GN=Acot4								

PE=1 SV=1

Dolichyl-diphos

phooligosacchar

ide--protein

glycotransferase

Q3TU

OS=Mus	1	1	1	1	705	80.6	8.1	468959.5625
--------	---	---	---	---	-----	------	-----	-------------

R1

musculus

OX=10090

GN=Stt3a PE=2

SV=1

Protein

MB21D2

D3Z7

OS=Mus	1	1	1	1	491	55.6	7.5	822274.375
--------	---	---	---	---	-----	------	-----	------------

42

musculus

OX=10090

GN=Mb21d2

	PE=1 SV=1								
	NADH-ubiquin								
	one								
	oxidoreductase								
A0A0	chain	5							
75DC	OS=Mus	3	1	1	1	607	68.5	9.1	700962.6875
B1	musculus								
	OX=10090								
	GN=ND5 PE=3								
	SV=1								
	Calcyclin-bindi								
	ng protein								
A0A0	(Fragment)								
A6YY	OS=Mus	5	1	1	1	135	15.5	9.38	330345.125
29	musculus								
	OX=10090								

GN=Cacybp

PE=1 SV=1

Non-specific

serine/threonin

e protein kinase

E9PU	OS=Mus	1	1	1	1	1369	150.6	7.02	1151764.25
87	musculus								

OX=10090

GN=Sik3 PE=1

SV=1

Rpl12 protein

(Fragment)

Q6DI	OS=Mus	4	1	1	1	218	23	10.35	1046870.125
58	musculus								

OX=10090

GN=Rpl12

PE=2 SV=1

RAD50-interacti
ng protein 1

Q8BZ
36 OS=Mus
musculus 2 2 2 2 792 90 5.14 1613383.313
OX=10090

GN=Rint1 PE=1
SV=2

Uncharacterize
d protein

Q3UI
98 OS=Mus
musculus 2 1 1 1 514 59.8 6.73 540899.8125
OX=10090

GN=Gtf3c5
PE=2 SV=1

	Laminin	B1							
	subunit	1							
B9EK	OS=Mus								
B0	musculus	1	1	1	1	1834	202.3	5.01	437869.2188
	OX=10090								
	GN=Lamb1								
	PE=2 SV=1								
	Uncharacterize								
	d protein								
	(Fragment)								
Q3UZ	OS=Mus								
16	musculus	3	1	1	1	475	51.9	7.31	395456.125
	OX=10090								
	GN=Clca3a2								
	PE=2 SV=1								
Q8BS	Protein	0	1	1	1	1634	187.1	6.9	24919826

Q9	polybromo-1							
	OS=Mus							
	musculus							
	OX=10090							
	GN=Pbrm1							
	PE=1 SV=4							
	Protein-associat							
	ing with the							
	carboxyl-termin							
	al domain of							
Q9DB	ezrin OS=Mus	2	1	1	1	735	81.3	5.1
Q7	musculus							
	OX=10090							
	GN=Scyl3 PE=1							
	SV=3							

	Disintegrin and metalloproteinase domain-containing protein 15								
O88839	OS=Mus musculus OX=10090 GN=Adam15 PE=1 SV=2 MEX3C variant 11 OS=Mus musculus	1	1	1	1	864	92.6	6.54	1213017.375
M9T811	musculus OX=10090 GN=Mex3c PE=2 SV=1	2	1	1	1	514	54.5	7.05	512762.25

	Fam92b protein (Fragment)								
B7ZW	OS=Mus								
E9	musculus	3	1	1	1	232	26.3	6.96	4186848.5
	OX=10090								
	GN=Cibar2								
	PE=2 SV=1								
	TBC1 domain family member								
Q5SP	10A OS=Mus								
X8	musculus	1	1	1	1	534	59.2	8.02	441439.0625
	OX=10090								
	GN=Tbc1d10a								
	PE=1 SV=1								
Q3U2	Protein								
P1	transport	1	1	1	1	1090	118.7	7.83	705371.375

	protein	Sec24A								
	OS=Mus									
	musculus									
	OX=10090									
	GN=Sec24a									
	PE=1 SV=1									
	40S	ribosomal								
	protein	S11								
P6228	OS=Mus									
1	musculus		9	2	2	2	158	18.4	10.3	3313698.938
	OX=10090									
	GN=Rps11									
	PE=1 SV=3									
E9PX	Thioredoxin									
X7	domain-contain	ing protein	3	1	1	1	344	38.5	5.39	763202.75
			5							

OS=Mus
 musculus
 OX=10090
 GN=Txndc5
 PE=1 SV=1
 Histone H4
 (Fragment)

Q6166	OS=Mus								
7	musculus	15	1	1	1	55	6.2	9.52	6699274.5
	OX=10090								
	PE=3								
	SV=1								
	ETS								
Q3UZ	domain-contain								
20	ing protein	2	1	1	1	428	45.7	9.76	483061.2188
	(Fragment)								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Elf2	PE=2							
	SV=1								
	PRA1	family							
	protein	3							
	OS=Mus								
Q8R5J	musculus	6	1	1	1	188	21.5	9.61	729196.8125
9	OX=10090								
	GN=Arl6ip5								
	PE=1	SV=2							
	Transmembrane								
	9	superfamily							
Q8C6	member	2	1	1	1	384	44.4	6.35	677635.125
F5	OS=Mus								
	musculus								

7	protein	S20							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Rps20								
	PE=1 SV=1								
	60S ribosomal								
	protein	L30							
Q497	OS=Mus								
D7	musculus	11	1	1	1	114	12.6	9.55	819750
	OX=10090								
	GN=Rpl30								
	PE=2 SV=1								
P4024	CD9 antigen								
0	OS=Mus	3	1	1	1	226	25.2	7.23	1606471.375
	musculus								

OX=10090

GN=Cd9 PE=1

SV=2

Uncharacterize

d protein

(Fragment)

Q9CV	OS=Mus								
24	musculus	11	1	1	1	152	17.1	4.48	827058.4375

OX=10090

GN=Eif2s1

PE=2 SV=1

Elongation

factor-like

Q8C0	GTPase	1	1	1	1	1	1127	125.7	6.16	297485.625
D5	OS=Mus									
	musculus									

	OX=10090								
	GN=Efl1 PE=1								
	SV=1								
	Epididymal								
	secretory								
	protein E1								
Q3TX	OS=Mus	5	1	1	1	149	16.4	7.68	1118109.625
Q4	musculus								
	OX=10090								
	GN=Npc2 PE=2								
	SV=1								
	Dymeclin								
Q8CH	OS=Mus								
Y3	musculus	1	1	1	1	669	75.8	5.77	330451.2188
	OX=10090								
	GN=Dym PE=1								

	SV=1								
	26S proteasome								
	non-ATPase								
	regulatory								
	subunit	13							
Q9W	OS=Mus	3	1	1	1	376	42.8	5.71	980063.25
VJ2	musculus								
	OX=10090								
	GN=Psm13								
	PE=1 SV=1								
	Zinc finger								
	FYVE								
Q810J	domain-contain	2	1	1	1	777	86.9	7.34	14055519
8	ing protein 1								
	OS=Mus								
	musculus								

	OX=10090								
	GN=Zfyve1								
	PE=1 SV=2								
	Wings								
	apart-like								
	protein								
	homolog								
F6YC	(Fragment)	3	1	1	1	430	48.7	5.02	712572.0625
H1	OS=Mus								
	musculus								
	OX=10090								
	GN=Wapl PE=1								
	SV=1								
	Syndetin								
Q8CI7	OS=Mus	1	1	1	1	964	111.1	6.07	3484478.75
1	musculus								

	OX=10090								
	GN=Vps50								
	PE=1 SV=2								
	Sterol carrier								
	protein 2								
P3202	OS=Mus								
0	musculus	1	1	1	1	547	59.1	7.44	234180.3281
	OX=10090								
	GN=Scp2 PE=1								
	SV=3								
	Syntenin-1								
	OS=Mus								
A2AK	musculus	12	1	1	1	199	21.5	6.18	2752579.75
J9	OX=10090								
	GN=Sdcbp								
	PE=1 SV=1								

	RNA-binding protein	33							
D3Z5I 9	OS=Mus musculus	1	1	1	1	1191	132.7	6.87	2282177
	OX=10090 GN=Rbm33 PE=1 SV=1 Uncharacterize d protein								
Q3U8 W3	OS=Mus musculus	1	1	1	1	602	65	6.87	2131411.75
	OX=10090 GN=Grn PE=2 SV=1								
O0883 2	Polypeptide N-acetylgalacto	2	1	1	1	578	66.5	7.37	651456.25

saminyltransfer
ase 4 OS=Mus
musculus
OX=10090
GN=Galnt4
PE=1 SV=1
tRNA-splicing
endonuclease
subunit Sen54

Q8C2	OS=Mus	2	1	1	1	525	59	6.16	929820.9375
A2	musculus								
	OX=10090								
	GN=Tsen54								
	PE=2 SV=2								
Q6179	LIM and SH3	3	1	1	1	263	30	7.05	903123.875
2	domain protein								

	1									
		OS=Mus								
		musculus								
		OX=10090								
		GN=Lasp1								
		PE=1 SV=1								
		Uncharacterize								
		d protein								
		OS=Mus								
Q8BY		musculus	3	1	1	1	249	27.4	9.04	1192212.625
63		OX=10090								
		GN=Rpusd2								
		PE=2 SV=1								
		Folylpolygluta								
P4876		mate synthase,								
0		mitochondrial	2	1	1	1	587	64.9	8.16	830403.875
		OS=Mus								

	musculus								
	OX=10090								
	GN=Fpgs PE=1								
	SV=3								
	La-related								
	protein 4B								
	OS=Mus								
Q6A0	musculus	1	1	1	1	741	81.6	7.49	848645.125
A2	OX=10090								
	GN=Larp4b								
	PE=1 SV=2								
	Uncharacterize								
	d protein								
Q3UC	OS=Mus	2	1	1	1	695	77.6	8.78	
I6	musculus								
	OX=10090								

	GN=Ptcd1 PE=2								
	SV=1								
	Hermansky-Pu								
	dlak syndrome								
	6 protein								
	homolog								
Q8BL	OS=Mus	2	1	1	1	805	87.3	6.8	449871.5
Y7	musculus								
	OX=10090								
	GN=Hps6 PE=1								
	SV=3								
	Uncharacterize								
	d protein								
Q3UE	KIAA0930	3	1	1	1	404	45.9	8.13	1407979.25
31	homolog								
	OS=Mus								

	musculus								
	OX=10090 PE=1								
	SV=2								
	SERPIN								
	domain-contain								
	ing protein								
Q3TJ6	OS=Mus	2	1	1	1	377	42.6	6.67	514100.4688
9	musculus								
	OX=10090								
	GN=Serpib9b								
	PE=2 SV=1								
	LisH								
Q9D2	domain-contain								
I5	ing protein	1	1	1	1	817	91.9	6.92	
	ARMC9								
	OS=Mus								

musculus

OX=10090

GN=Armc9

PE=1 SV=1

Nucleus

accumbens-asso

ciated protein 1

Q7TS	OS=Mus	2	1	1	1	514	56.5	5.73	322995.0313
------	--------	---	---	---	---	-----	------	------	-------------

Z8 musculus

OX=10090

GN=Nacc1

PE=1 SV=1

MFLJ00139

Q5DU	protein	1	1	1	1	992	106.2	9.61	369378.7188
------	---------	---	---	---	---	-----	-------	------	-------------

62 (Fragment)

OS=Mus

	musculus								
	OX=10090								
	GN=Micall2								
	PE=2 SV=1								
	Ankyrin_rpt-co								
	ntain_dom								
	domain-contain								
	ing protein								
Q3U0	OS=Mus	5	1	2	1	167	17.9	6	82751728
54	musculus								
	OX=10090								
	GN=Cdkn2c								
	PE=2 SV=1								
A0A0	Rho								
U1RN	GTPase-activati	4	1	1	1	230	26.4	7.21	848181.6875
M6	ng protein 17								

OS=Mus
 musculus
 OX=10090
 GN=Arhgap17
 PE=1 SV=1

Segment
 polarity protein
 dishevelled
 homolog DVL-3

E9Q9
 67

OS=Mus	1	1	1	1	718	78.3	6.79	711772.6875
musculus								
OX=10090								
GN=Dvl3 PE=1								
SV=1								

Q3TA
 P6

Uncharacterize	3	1	1	1	412	45.1	5.85	382494.0625
d protein								

(Fragment)

OS=Mus

musculus

OX=10090

GN=Dcp1a

PE=2 SV=1

CDKN1A-interacting zinc finger protein 1

A2A	OS=Mus	2	1	1	1	821	91	5.53	3021701.25
N61	musculus								
	OX=10090								
	GN=Ciz1 PE=1								
	SV=1								
Q3UB	Dihydroxyacetone phosphate	1	1	1	1	678	76.8	8.1	518734.0938
U1									

acyltransferase

OS=Mus

musculus

OX=10090

GN=Gnpat

PE=2 SV=1

Pleckstrin

homology-like

domain family

B member 1

F6RY	(Fragment)	1	1	1	1	832	93.5	7.59
D0	OS=Mus							

musculus

OX=10090

GN=Phldb1

PE=1 SV=1

	PHD	finger								
	protein		10							
Q9D8	OS=Mus									
M7	musculus		1	1	1	1	497	55.8	6.61	1202060.75
	OX=10090									
	GN=Phf10									
	PE=1	SV=4								
	Solute	carrier								
	family		22							
	member		1							
O0896	OS=Mus									
6	musculus		3	1	1	1	556	61.5	6.67	5739958.5
	OX=10090									
	GN=Slc22a1									
	PE=1	SV=2								
Q3UQ	Uncharacterize		1	1	1	1	512	55.8	7.9	879689.75

M7	d	protein								
		OS=Mus								
		musculus								
		OX=10090								
		GN=Slc7a5								
		PE=2 SV=1								
		Nuclear export								
		mediator factor								
A0A1	Nemf	OS=Mus								
Y7VJ1	musculus		6	1	1	1	122	14.1	9.5	1607697
2		OX=10090								
		GN=Nemf								
		PE=1 SV=1								
A0A1	Endosialin									
72Q38	(Fragment)		1	1	1	1	674	71.9	5.2	931268.0625
6		OS=Mus								

	musculus								
	OX=10090								
	GN=Cd248								
	PE=2 SV=1								
	Coiled-coil and								
	C2								
	domain-contain								
	ing protein 1B								
F6XC	(Fragment)	1	1	1	1	770	85	5.87	12596023
25	OS=Mus								
	musculus								
	OX=10090								
	GN=Cc2d1b								
	PE=1 SV=1								
A0A0	Acyl-CoA	2	1	1	1	541	61	7.36	
87WSI	dehydrogenase								

8	family member								
	11 OS=Mus								
	musculus								
	OX=10090								
	GN=Acad11								
	PE=1 SV=2								
	Uncharacterize								
	d protein								
	OS=Mus								
Q8BV	musculus	2	1	1	1	457	53.6	5.58	726451.5
X7	OX=10090								
	GN=Zfp277								
	PE=2 SV=1								
	TBC								
Q8BM	domain-contain	2	1	1	1	762	86.3	6.2	1004779.813
85	ing protein								

kinase-like
protein
OS=Mus
musculus
OX=10090
GN=Tbck PE=1
SV=1
Lysine-specific
demethylase 3B

A0A2	OS=Mus								
86YDJ	musculus	1	1	1	1	1333	144.9	7.36	692240.125
6	OX=10090								
	GN=Kdm3b								
	PE=1 SV=1								
Q80U	Ubiquitin-protei								
95	n ligase E3C	1	1	1	1	1083	123.9	6.39	953622.9375

	OS=Mus								
	musculus								
	OX=10090								
	GN=Ube3c								
	PE=1 SV=2								
	SURP and								
	G-patch								
	domain-contain								
	ing protein 1								
Q8CH	OS=Mus	2	1	1	1	643	72.6	7.64	607640.625
02	musculus								
	OX=10090								
	GN=Sugp1								
	PE=1 SV=1								
G3X9	Kelch repeat								
X1	and BTB (POZ)	1	1	1	1	623	71.2	5.62	656390.0625

domain-containing 2 OS=Musculus
 OX=10090
 GN=Kbtbd2
 PE=1 SV=1
 SWIB/MDM2

domain-containing protein

Q3TM59	OS=Musculus OX=10090 GN=Smarcd2 PE=2 SV=1	4	1	1	1	255	29.7	6.8	1396115.875
Q64448	Gap junction alpha-3 protein	2	1	1	1	417	46.3	7.53	2557557.25

OS=Mus
 musculus
 OX=10090
 GN=Gja3 PE=2
 SV=4
 Murinoglobulin
 -1 OS=Mus

P2866	musculus								
5	OX=10090	1	1	1	1	1476	165.2	6.42	3292054
	GN=Mug1								
	PE=1 SV=3								
	Ribosomal								
A0A2	protein L36A,								
I3BPG	pseudogene	1	8	1	1	106	12.4	10.51	2595739.5
9	OS=Mus								
	musculus								

	OX=10090								
	GN=Rpl36a-ps1								
	PE=3 SV=1								
	Potassium								
	channel,								
	subfamily	T,							
	member	2							
D3YT	OS=Mus	1	1	1	1	1111	127.4	7.61	1682867.375
U6	musculus								
	OX=10090								
	GN=Kcnt2								
	PE=1 SV=1								
	Uncharacterize								
Q3TE	d protein	7	1	1	1	218	23.7	6	1917648.5
W0	OS=Mus								
	musculus								

OX=10090

GN=Bnip3l

PE=2 SV=1

Brefeldin

A-inhibited

guanine

nucleotide-exch

ange protein 2

F6YCJ
0

(Fragment)

2

1

1

1

283

30.7

6.86

230019.375

OS=Mus

musculus

OX=10090

GN=Arfgef2

PE=1 SV=1

	Ortholog of								
	human								
	amyotrophic								
	lateral sclerosis								
	2 (Juvenile)								
	chromosome								
Q5SV	region,	1	1	1	1	1104	121.7	8.69	735876.9375
54	candidate	19							
	(ALS2CR19)								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Pard3b								
	PE=1 SV=1								
Q8R3	Aldehyde	2	1	1	1	1333	146.7	6.89	
87	oxidase	1							

OS=Mus
 musculus
 OX=10090
 GN=Aox1 PE=2
 SV=1
 Uncharacterize
 d protein

Q3TLJ	OS=Mus							
9	musculus	2	1	1	1	435	49.9	7.4

OX=10090
 GN=Chka PE=2
 SV=1

Q9CR	DNA_MISMATCH							
H0	CH_REPAIR_2 domain-containing protein	2	1	1	1	444	50	6.9

(Fragment)

OS=Mus

musculus

OX=10090

GN=Msh6 PE=2

SV=1

Histone H2A

OS=Mus

Q8CG musculus

22

1

1

1

129

14

11.21

P4 OX=10090

GN=H2ac1

PE=1 SV=1

Serine/arginine

Q3T -rich splicing

3

1

1

1

339

39

11.46

1115484.75

WW8 factor 6

OS=Mus

	musculus							
	OX=10090							
	GN=Srsf6 PE=1							
	SV=1							
	ESF1, nucleolar							
	pre-rRNA							
	processing							
	protein,							
B2RX	homolog (S.							
U2	cerevisiae)	2	1	1	1	845	98	5.05
	OS=Mus							
	musculus							
	OX=10090							
	GN=Esf1 PE=2							
	SV=1							
Q8VF	Olfactory	13	1	1	1	312	35.2	9.07

U1	receptor								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Olf822								
	PE=3 SV=1								
	Basic leucine								
	zipper and W2								
	domain-contain								
	ing protein 2								
Q91V	OS=Mus	2	1	1	1	419	48	6.68	280525.6875
K1	musculus								
	OX=10090								
	GN=Bzw2 PE=1								
	SV=1								
E9Q0	Fc fragment of	0	1	1	1	2583	275	5.03	26361160

B5	IgG-binding protein OS=Mus musculus OX=10090 GN=Fcgbp PE=1 SV=1 DIP2 disco-interactin g protein 2 homolog B								
B2RQ C7	(Drosophila)	1	1	1	1	1340	146.6	8.03	3803056.25
	OS=Mus musculus OX=10090 GN=Dip2b								

PE=1 SV=1

Polypeptide

N-acetylgalacto

saminyltransfer

Q8BG	ase 12 OS=Mus	2	1	1	1	576	66.5	7.24
T9	musculus							

OX=10090

GN=Galnt12

PE=2 SV=1

SUN

domain-contain

F6XY	ing protein 1	5	1	2	1	256	28.8	9.2	2466364.25
A0	(Fragment)								

OS=Mus

musculus

OX=10090

GN=Sun1 PE=1

SV=8

Integrin alpha-3

OS=Mus

Q6247	musculus								
0	OX=10090	1	1	1	1	1053	116.7	6.57	752344.4375

GN=Itga3 PE=1

SV=1

Secernin-1

(Fragment)

A0A0 OS=Mus

N4SW	musculus	5	1	1	1	164	18.7	5	778038.3125
------	----------	---	---	---	---	-----	------	---	-------------

D0 OX=10090

GN=Scrn1 PE=1

SV=1

	Guanine								
	nucleotide-binding protein-like								
	3-like protein								
Q6PG	OS=Mus	2	1	1	1	577	65.2	8.6	760525
G6	musculus								
	OX=10090								
	GN=Gnl3l PE=1								
	SV=1								
	Histone								
	deacetylase								
	OS=Mus								
A2A	musculus	1	1	1	1	1030	111.4	5.72	12253268
WS5	OX=10090								
	GN=Hdac5								
	PE=1 SV=1								

	Uncharacterize								
	d protein								
Q8CB	OS=Mus								
V1	musculus	1	1	1	1	484	56.3	7.33	300464.5938
	OX=10090								
	GN=Etv6 PE=2								
	SV=1								
	60S ribosomal								
	protein L36								
Q6Z	OS=Mus								
WZ4	musculus	10	1	1	1	105	12.2	11.59	1602328.25
	OX=10090								
	GN=Rpl36								
	PE=1 SV=1								
F6XX	Predicted gene								
07	21970	2	1	1	1	295	34.1	5.22	1287435.25

(Fragment)

OS=Mus

musculus

OX=10090

GN=Gm21970

PE=4 SV=1

Cyclin-depende

nt kinase 8

(Fragment)

E0CY	OS=Mus									
C4	musculus	4	1	1	1	245	28.5	8.98	1938942.375	
	OX=10090									
	GN=Cdk8 PE=1									
	SV=1									
P5302	60S ribosomal									
6	protein L10a	4	1	1	1	217	24.9	9.98	2681720	

OS=Mus
 musculus
 OX=10090
 GN=Rpl10a
 PE=1 SV=3
 Angiotensin-co
 nverting
 enzyme-like
 protein Ace3

D0G8
 95

OS=Mus	1	1	1	1	737	85.8	5.86	30568790
musculus								
OX=10090								
GN=Ace3 PE=1								
SV=1								

Q0148
 8

Apolipoprotein	5	1	1	1	435	49.2	6.23	1822632.25
A-IV OS=Mus								

	musculus								
	castaneus								
	OX=10091								
	GN=Apoa4								
	PE=2 SV=1								
	Proteolipid								
	protein	2							
	OS=Mus								
Q9R1	musculus	8	1	1	1	152	16.6	7.14	1980959.875
Q7	OX=10090								
	GN=Plp2 PE=1								
	SV=1								
	Urokinase								
P3545	plasminogen	2	1	1	1	327	35.4	6.83	5842205.5
6	activator								
	surface receptor								

OS=Mus
 musculus
 OX=10090
 GN=Plaur PE=1
 SV=1
 Parkinson
 disease protein
 7 homolog
 (Fragment)

A2A8
 16

OS=Mus	6	1	1	1	125	12.7	6.05	859399.75
musculus								
OX=10090								
GN=Park7								
PE=1 SV=1								

Q9ES
 T5

Acidic	4	1	1	1	272	31.1	4.01	
leucine-rich								

nuclear
phosphoprotein
32 family
member B

OS=Mus

musculus

OX=10090

GN=Anp32b

PE=1 SV=1

Sulfide:quinone

oxidoreductase,

mitochondrial

F6ZK

OS=Mus	5	1	1	1	300	33.1	8.95	920062.125
--------	---	---	---	---	-----	------	------	------------

Z3

musculus

OX=10090

GN=Sqor PE=1

SV=1

Multiple
epidermal
growth
factor-like
domains

Q8BH
27

protein 9 2 1 1 1 600 62.8 5.47 3270568.25

OS=Mus
musculus

OX=10090

GN=Megf9

PE=2 SV=1

Extracellular

F8WI
14

matrix protein 1 2 1 1 1 558 62.7 6.89 1109431.625

OS=Mus
musculus

	OX=10090								
	GN=Ecm1 PE=1								
	SV=1								
	Toll-like								
	receptor	9							
Q9EQ	OS=Mus								
U3	musculus	1	1	1	1	1032	116.3	8.7	2230724.25
	OX=10090								
	GN=Tlr9 PE=1								
	SV=3								
	RIKEN cDNA								
	1700109H08								
Q9D9	gene OS=Mus								
C0	musculus	3	1	1	1	210	24.2	5.08	2236609.75
	OX=10090								
	GN=1700109H0								

8Rik PE=2 SV=1

Succinate--CoA

ligase

[GDP-forming]

subunit beta,

C6EQ	mitochondrial	2	1	1	1	414	44.8	6.01	1875859
H3	OS=Mus								

musculus

OX=10090

GN=Suclg2

PE=2 SV=1

E3

SUMO-protein

G3U	ligase	PIAS2	2	1	1	1	614	67.5	7.9
WE3	OS=Mus								

musculus

OX=10090

GN=Pias2 PE=1

SV=1

E3

ubiquitin-prote
in ligase RNF130

Q8VE	OS=Mus	2	1	1	1	419	46.3	8.92	9440409
M1	musculus								

OX=10090

GN=Rnf130

PE=2 SV=1

Serine protease

A6H6	40 OS=Mus	3	1	1	1	365	40.1	7.4	1457339.75
T1	musculus								

OX=10090

GN=Prss40

	PE=2 SV=2								
	Ribitol-5-phosp								
	hate transferase								
	OS=Mus								
Q3TM	musculus	2	1	1	1	494	54.8	7.43	978966.0625
90	OX=10090								
	GN=Fkrp PE=2								
	SV=1								
	Epidermal								
	growth factor								
	receptor								
F6W2	substrate	15							
Q5	OS=Mus	1	1	1	1	764	83.5	4.69	366263.6875
	musculus								
	OX=10090								
	GN=Eps15								

PE=1 SV=1

Lariat

debranching

enzyme

(Fragment)

F6S2R

9

OS=Mus 4 1 1 1 164 19.1 9.17 798663.375

musculus

OX=10090

GN=Dbr1 PE=1

SV=1

Homocysteine-r

esponsive

Q9JJK

5

endoplasmic 4 1 1 1 391 43.9 5.53 975318.0625

reticulum-resid

ent

ubiquitin-like

domain
member 1

protein

OS=Mus

musculus

OX=10090

GN=Herpud1

PE=1 SV=1

CREB-regulated

transcription

coactivator 1

Q68E	OS=Mus	2	1	1	1	630	66.9	6.05	527946.5625
------	--------	---	---	---	---	-----	------	------	-------------

D7	musculus
----	----------

OX=10090

GN=Crtc1 PE=1

SV=1

	Calponin-homology domain-containing protein									
Q3UWY4	OS=Mus musculus OX=10090 GN=Lrch1 PE=2 SV=1 Beta-1,3-N-acetylglucosaminyltransferase	2	1	1	1	579	64.9	5.43		
O09008	manic fringe OS=Mus musculus OX=10090	7	1	1	1	321	36.2	8.35	866390.0625	

GN=Mfng PE=1

SV=1

Fancg protein

OS=Mus

Q80X	musculus	5	1	1	1	258	28.6	5.59	1931530.5
51	OX=10090								

GN=Fancg

PE=2 SV=1

J

domain-contain

ing protein

Q3UQ	(Fragment)	1	1	1	1	950	106.1	5.88	1303001.5
J7	OS=Mus								

musculus

OX=10090

GN=Dnajc13

PE=2 SV=1

Protein unc-80

homolog

A0A1 OS=Mus

D5RL	musculus	1	1	1	1	3258	362.9	6.84	725481.8125
------	----------	---	---	---	---	------	-------	------	-------------

V3 OX=10090

GN=Unc80

PE=1 SV=1

Spindle

assembly

abnormal

Q3U	protein	6							
M73	homolog	2	1	1	1	619	70.2	7.39	

OS=Mus

musculus

OX=10090

	GN=Sass6 PE=2								
	SV=1								
	Ppm1b protein								
	OS=Mus								
Q99N	musculus	2	1	1	1	477	52.1	5.11	1250647.5
F7	OX=10090								
	GN=Ppm1b								
	PE=1 SV=1								
	Ataxin-1-like								
	OS=Mus								
P0C7	musculus	2	1	1	1	687	73.3	6.49	1592190.125
T6	OX=10090								
	GN=Atxn1l								
	PE=1 SV=1								
Q6IE2	OTU	3	1	1	1	290	33.7	7.34	1723783.625
1	domain-contain								

	ing protein 6A								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Otud6a								
	PE=1 SV=1								
	HMG box								
	domain-contain								
	ing 3 OS=Mus								
Q6AX	musculus	1	1	1	1	1286	140.6	5.96	311207.5625
F8	OX=10090								
	GN=Hmgxb3								
	PE=1 SV=1								
A0A0	RIKEN cDNA								
87WSJ	2510002D24	16	1	1	1	49	5.7	9.04	6474595
3	gene OS=Mus								

musculus

OX=10090

GN=2510002D2

4Rik PE=4 SV=1

Leucine-rich

repeat-contains

G protein 75B

Q7TP	OS=Mus	2	1	1	1	306	34.1	9.47	3160502.75
D7	musculus								
	OX=10090								
	GN=Lrrc75b								
	PE=2 SV=1								
	Homeobox								
O3508	protein ARX	4	1	1	1	564	58.5	5.24	866760.5625
5	OS=Mus								
	musculus								

OX=10090

GN=Arx PE=1

SV=3

DnaJ homolog

subfamily C

member 11

Q5U4	OS=Mus								
58	musculus	1	1	1	1	559	63.2	8.32	551153.8125

OX=10090

GN=Dnajc11

PE=1 SV=2

Vacuolar fusion

protein MON1

Q8BM	homolog	B	1	1	1	1	553	60	5.57	545899.6875
------	---------	---	---	---	---	---	-----	----	------	-------------

Q8

OS=Mus

musculus

OX=10090
 GN=Mon1b
 PE=2 SV=1
 MKIAA0400
 protein
 (Fragment)

Q6A0	OS=Mus	1	1	1	1	970	107.7	6.71	64553988
74	musculus								

OX=10090
 GN=Asap2
 PE=2 SV=1
 Scm-like with
 four MBT

Q9JM	domains	1	1	1	1	863	97.3	6.54	2441189.5
D1	protein	1							
	OS=Mus								

musculus

OX=10090

GN=Sfmbt1

PE=1 SV=1

Uncharacterize

d protein

(Fragment)

Q8C7	OS=Mus	5	1	1	1	152	16.1	10.64	5750003
------	--------	---	---	---	---	-----	------	-------	---------

X1 musculus

OX=10090

GN=C230096K1

6Rik PE=2 SV=1

Collagen-bindin

Q8BV	g protein	2	1	1	1	417	46.5	8.82	618697.375
------	-----------	---	---	---	---	-----	------	------	------------

U9 OS=Mus

musculus

	OX=10090								
	GN=Serpinh1								
	PE=2 SV=1								
	MAD2L1-bindi								
	ng protein								
	OS=Mus								
Q9DC	musculus	4	1	1	1	276	31.1	5.64	6624713
X1	OX=10090								
	GN=Mad2l1bp								
	PE=1 SV=2								
	Fab4201 heavy								
A0A0	chain OS=Mus								
M3KL	musculus	11	1	1	1	218	24.1	6.19	
49	OX=10090 PE=1								
	SV=1								
G3X9	Slit homolog 2	2	1	1	1	851	95.4	8.54	925862.75

09	protein								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Slit2 PE=1								
	SV=1								
	Transferrin								
	(Fragment)								
F7CJ	OS=Mus								
N9	musculus	3	1	1	1	249	27.4	7.49	39313416
	OX=10090								
	GN=Trf PE=1								
	SV=1								
Q3U	Glucoside								
HH8	xylosyltransferase 1	3	1	1	1	404	46.5	8.97	
	OS=Mus								

musculus
 OX=10090
 GN=Gxy1t1
 PE=1 SV=2
 U11/U12 small
 nuclear
 ribonucleoprote
 in 35 kDa

Q9D3	protein	3	1	1	1	244	29.3	9.94	3774097.5
84	OS=Mus								
	musculus								
	OX=10090								
	GN=Snrnp35								
	PE=2 SV=1								
P4673	Lys-63-specific	3	1	1	1	291	33.3	5.83	2443606.25
7	deubiquitinase								

	BRCC36								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Brcc3 PE=1								
	SV=1								
	Uncharacterize								
	d protein								
B9EK	OS=Mus								
E1	musculus	2	1	1	1	288	32.6	9.14	26104104
	OX=10090								
	GN=Ccdc190								
	PE=2 SV=1								
S0DH	Capping								
L8	protein, Arp2/3	1	1	1	1	1397	151.7	6.96	1477105.5
	and myosin-I								

linker protein 2

OS=Mus

musculus

OX=10090

GN=Carmil2

PE=1 SV=1

Fanconi-associ-
ated nuclease 1

OS=Mus

Q69Z

musculus	3	1	1	1	1020	112.9	7.44	2109518.5
----------	---	---	---	---	------	-------	------	-----------

T1

OX=10090

GN=Fan1 PE=2

SV=2

Sacsin OS=Mus

E9QN

musculus	0	1	1	1	4582	520.4	7.05	635961.125
----------	---	---	---	---	------	-------	------	------------

Y8

OX=10090

	GN=Sacs PE=1								
	SV=1								
	Atriopeptidase								
	(Fragment)								
A0A0	OS=Mus								
A6Y	musculus	5	1	1	1	130	14.4	5.25	2218444.25
WA6	OX=10090								
	GN=Mme PE=1								
	SV=1								
	Macrosialin								
	OS=Mus								
P3199	musculus	3	1	1	1	326	34.8	8.85	2267029.75
6	OX=10090								
	GN=Cd68 PE=1								
	SV=1								
Q6246	Villin-1	1	1	1	1	827	92.7	6.04	628183.6875

8	OS=Mus musculus OX=10090 GN=Vi11 PE=1 SV=3 Glycerol-3-phos phate acyltransferase 1,								
Q6158	mitochondrial	1	1	1	1	827	93.6	7.84	236695.4844
6	OS=Mus musculus OX=10090 GN=Gpam PE=1 SV=2								
E9QPI	Putative	1	1	1	1	705	79.7	8.02	2813445

2	methyltransfera								
	se								
	NSUN7								
	OS=Mus								
	musculus								
	OX=10090								
	GN=Nsun7								
	PE=3 SV=2								
	Cystatin-B								
	OS=Mus								
Q6242	musculus	11	1	1	1	98	11	7.39	570752.875
6	OX=10090								
	GN=Cstb PE=1								
	SV=1								
A0A3	Alpha-2-HS-gly								
38P7	coprotein	2	1	1	1	301	32.2	6.95	1582519.625
H5	OS=Mus								

	musculus								
	OX=10090								
	GN=Ahsg PE=1								
	SV=1								
	Synaptotagmin-								
	like protein 2								
A0A5	OS=Mus								
F8MP	musculus	1	1	1	1	2153	239.2	6.02	
H5	OX=10090								
	GN=Sytl2 PE=1								
	SV=1								
	Rho-associated								
	protein kinase 2								
Q3U	(Fragment)	1	1	1	1	825	94.9	5.57	1839001.125
MT5	OS=Mus								
	musculus								

OX=10090

GN=Rock2

PE=2 SV=1

Coiled-coil

domain-contain

ing protein

Q3TM	102A	OS=Mus	2	1	1	1	549	62.6	5.69
W1	musculus								

OX=10090

GN=Ccdc102a

PE=1 SV=2

Sipa1l2 protein

(Fragment)

Q5EB	OS=Mus	5	1	1	1	555	60.1	5.68	
P0	musculus								

OX=10090

GN=Sipa112

PE=2 SV=1

MAP7

domain-contain

ing protein 3

A0A0 (Fragment)

R4J1R	OS=Mus	1	1	1	1	489	54.3	9.33	7672065.5
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4 musculus

OX=10090

GN=Map7d3

PE=4 SV=1

F-box only

protein 30

Q8BJL	OS=Mus	1	1	1	1	746	82.6	5.26	1329907.875
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1 musculus

OX=10090

	GN=Fbxo30								
	PE=1 SV=2								
	Deaminated								
	glutathione								
	amidase								
Q8VD	OS=Mus	3	1	1	1	323	35.7	7.94	
K1	musculus								
	OX=10090								
	GN=Nit1 PE=1								
	SV=2								
	BCA protein								
	(Fragment)								
O5473	OS=Mus	2	1	1	1	516	57.8	8.51	449373.4375
7	musculus								
	OX=10090								
	GN=Blnk PE=1								

SV=1

Small

ubiquitin-relate
d modifier 1

P63166	OS=Mus musculus	7	1	1	1	101	11.6	5.52	2140573.25
	OX=10090								
	GN=Sumo1								
	PE=1 SV=1								
	Hemicentin	1							
	OS=Mus musculus								
Q8C716	OX=10090	5	1	1	1	153	17	5.11	6495876
	GN=Hmcn1								
	PE=2 SV=1								

	Protein enabled								
	homolog								
J3QN	OS=Mus								
M3	musculus	1	1	1	1	789	84.5	7.52	2429642.5
	OX=10090								
	GN=Enah PE=1								
	SV=1								
	Hyaluronan								
	synthase1								
Q05A	OS=Mus								
37	musculus	1	1	1	1	583	65.5	9.06	26596456
	OX=10090								
	GN=Has1 PE=2								
	SV=1								
Q6446	Cytochrome								
4	P450 3A13	2	1	1	1	503	57.5	8.57	1701538.375

OS=Mus
 musculus
 OX=10090
 GN=Cyp3a13
 PE=1 SV=1
 Uncharacterize
 d protein
 (Fragment)

Q3US	OS=Mus								
U0	musculus	28	1	1	1	159	15.9	12.06	640898
	OX=10090								
	GN=ENSMUSG								
	00000075293								
	PE=2 SV=1								
A0A1	Synaptotagmin								
40LJ8	XVII (Fragment)	1	1	1	1	469	53.2	7.49	904724.3125

9	OS=Mus									
	musculus									
	OX=10090									
	GN=Syt17 PE=1									
	SV=1									
	40S ribosomal									
	protein S25									
A0A1	OS=Mus									
L1SQ	musculus	11	1	1	1	93	10.3	9.99	741757.125	
A8	OX=10090									
	GN=Rps25									
	PE=1 SV=1									
	Tax1-binding									
B1AU	protein	3								
D9	OS=Mus	7	1	1	1	98	11	9.25	4317413	
	musculus									

OX=10090

GN=Tax1bp3

PE=1 SV=1

Baculoviral IAP

repeat-contains

g protein 3

O0886	OS=Mus	2	1	1	1	600	67.2	5.86
3	musculus							

OX=10090

GN=Birc3 PE=1

SV=2

1-phosphatidyli

nositol-3-phosp

D3Z5	hate 5-kinase	1	1	1	1	2052	231.9	6.64	12310328
N5									

OS=Mus

musculus

	OX=10090								
	GN=Pikfyve								
	PE=1 SV=2								
	Myosin XVB								
	OS=Mus								
I7HP	musculus	1	1	1	1	3033	332.8	7.99	446033.0938
W8	OX=10090								
	GN=Myo15b								
	PE=1 SV=2								
	Histone-lysine								
	N-methyltransf								
A0A0	erase EHMT1								
A6Y	(Fragment)	4	1	1	1	203	21.7	6.42	4106876.25
WA0	OS=Mus								
	musculus								
	OX=10090								

	GN=Ehmt1								
	PE=1 SV=1								
	EH								
	domain-binding								
	protein	1							
Q69Z	OS=Mus	1	1	1	1	1231	139	5.38	9529439
W3	musculus								
	OX=10090								
	GN=Ehbp1								
	PE=1 SV=3								
	Maestro								
	heat-like repeat								
V9GX	family member	1	1	2	1	722	78.4	8.76	1082584576
81	6 OS=Mus								
	musculus								
	OX=10090								

	GN=Mroh6								
	PE=1 SV=1								
	Pregnancy-specific glycoprotein								
Q4KL	19 OS=Mus								
31	musculus	3	1	1	1	475	53.2	7.11	4389010.5
	OX=10090								
	GN=Psg19								
	PE=2 SV=1								
	Telomere length regulation								
Q9DC	protein TEL2								
40	homolog	1	1	1	1	840	93.3	5.25	1218419
	OS=Mus								
	musculus								
	OX=10090								

	GN=Telo2 PE=1								
	SV=2								
	NF-kappa-B								
	inhibitor-like								
	protein	2							
G3U	OS=Mus	1	1	1	1	1363	151	6.05	
W83	musculus								
	OX=10090								
	GN=Tonsl PE=1								
	SV=1								
	Amyloid-beta								
	A4 precursor								
O8888	protein-binding	2	1	1	1	571	60.7	5.08	700230.4375
8	family A								
	member	3							
	OS=Mus								

	musculus								
	OX=10090								
	GN=Apba3								
	PE=1 SV=1								
	Protein shisa-6								
	OS=Mus								
Q3U	musculus	1	1	1	1	525	58.4	9.48	442584.875
H99	OX=10090								
	GN=Shisa6								
	PE=1 SV=1								
	Ankyrin repeat								
	domain-contain								
Q8C0J	ing protein	2	1	1	1	512	54.9	6	417490.4063
6	SOWAHC								
	OS=Mus								
	musculus								

	OX=10090								
	GN=Sowahc								
	PE=1 SV=2								
	Probasin								
	OS=Mus								
O0897	musculus	4	1	2	1	174	20.4	9.5	12078896
6	OX=10090								
	GN=Pbsn PE=2								
	SV=2								
	GATOR								
	complex protein								
Q8VE	MIOS OS=Mus								
19	musculus	1	1	1	1	875	98.3	6.71	
	OX=10090								
	GN=Mios PE=1								
	SV=2								

	Serine (Or cysteine) peptidase inhibitor, clade								
Q5FW 62	D, member 1 OS=Mus musculus OX=10090 GN=Serpind1 PE=2 SV=1 Il18r1 protein OS=Mus	1	1	1	1	478	54.4	7.34	9875953
Q8C2 57	musculus OX=10090 GN=Il18r1 PE=1 SV=1	2	1	1	1	372	42.5	7.14	7564674.5

	Uncharacterize								
	d protein								
Q3TR	OS=Mus								
40	musculus	1	1	1	1	1170	129.5	4.94	4085200.5
	OX=10090								
	GN=Thbs1								
	PE=2 SV=1								
	MKIAA0632								
	protein								
	(Fragment)								
Q6A0	OS=Mus								
32	musculus	2	1	1	1	411	44.9	8.87	584927.1875
	OX=10090								
	GN=mKIAA063								
	2 PE=4 SV=1								
Q5RK	Molybdenum	1	1	1	1	636	69.8	9.14	5446741.5

Z7	cofactor								
	biosynthesis								
	protein	1							
	OS=Mus								
	musculus								
	OX=10090								
	GN=Mocs1								
	PE=1 SV=2								
	TBC1 domain								
	family member								
	9B OS=Mus								
Q5SV	musculus	1	1	1	1	1263	141.7	5.29	993318.125
R0	OX=10090								
	GN=Tbc1d9b								
	PE=1 SV=1								
Q3U	Uncharacterize	10	1	1	1	67	7.7	8.41	2214215.75

NY1	d	protein								
	(Fragment)									
	OS=Mus									
	musculus									
	OX=10090									
	GN=Gm16833									
	PE=2 SV=1									
	NADH									
	dehydrogenase									
	[ubiquinone]									
A0A2	iron-sulfur									
86YC	protein	4, 26	1	1	1	35	3.7	12	1146251	
M7	mitochondrial									
	(Fragment)									
	OS=Mus									
	musculus									

	OX=10090								
	GN=Ndufs4								
	PE=4 SV=1								
	FYN-binding								
	protein	1							
O3560	OS=Mus								
1	musculus	2	1	1	1	819	90	6.98	21331586
	OX=10090								
	GN=Fyb1 PE=1								
	SV=2								
	Vitelline								
	membrane								
Q5SX	outer layer								
G7	protein	3	1	2	1	201	21.9	5.33	379763.5
	homolog								
	OS=Mus								

musculus

OX=10090

GN=Vmo1

PE=3 SV=1

TLR4 interactor

with leucine

rich repeats

Q9DB	OS=Mus	1	1	1	1	809	88.8	9.6	444329.2813
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Y4 musculus

OX=10090

GN=Tril PE=2

SV=1

40S ribosomal

Q3TX	protein	S2	2	1	1	1	293	31.2	10.18	1783594.75
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S9 OS=Mus

musculus

	OX=10090								
	GN=Rps2 PE=2								
	SV=1								
	Collagen								
	alpha-1(XV)								
O3520	chain OS=Mus								
6	musculus	1	1	1	1	1367	140.4	4.89	1369227
	OX=10090								
	GN=Col15a1								
	PE=1 SV=2								
	Transcription								
	factor MafA								
Q8CF	OS=Mus								
90	musculus	2	1	1	1	359	37.6	7.84	4852241.5
	OX=10090								
	GN=Mafa PE=1								

	SV=1								
	TBC1 domain								
	family member								
	10B OS=Mus								
Q8BH	musculus	1	1	1	1	798	87.2	8.9	
L3	OX=10090								
	GN=Tbc1d10b								
	PE=1 SV=2								
	ADAMTS-like 3								
	OS=Mus								
G3UX	musculus	1	1	1	1	1706	189.6	8.1	632366.875
C7	OX=10090								
	GN=Adamtsl3								
	PE=1 SV=1								
Q0887	Microphthalmia	2	1	1	1	526	58.6	6.33	603709.5
4	-associated								

transcription
 factor OS=Mus
 musculus
 OX=10090
 GN=Mitf PE=1
 SV=4
 Zinc finger
 protein 853

A0A1	OS=Mus								
D5R	musculus	1	1	1	1	733	84.5	6.3	1988469.125
M95	OX=10090								
	GN=Zfp853								
	PE=4 SV=1								
Q8BTI	Serine/threonin								
7	e-protein	1	1	1	1	1076	115	6.54	128632.3203
	phosphatase	6							

regulatory
 ankyrin repeat
 subunit C
 OS=Mus
 musculus
 OX=10090
 GN=Ankrd52
 PE=1 SV=1
 Vesicle
 transport
 protein SEC20

Q6QD	OS=Mus								
59	musculus	8	1	1	1	228	26.2	8.75	2340757.75
	OX=10090								
	GN=Bnip1								
	PE=1 SV=1								

	Alpha-mannosi dase (Fragment)								
Q3TB	OS=Mus								
95	musculus	2	1	1	1	516	58.7	7.93	
	OX=10090								
	GN=Man2b1								
	PE=2 SV=1								
	Failed axon connections homolog								
Q3U	OS=Mus								
MF9	musculus	2	1	1	1	409	46.8	5.49	13702251
	OX=10090								
	GN=Faxc PE=2								
	SV=1								
Q80U	Late secretory	2	1	1	1	649	72.1	6.14	7037906

56	pathway							
	protein AVL9							
	homolog							
	OS=Mus							
	musculus							
	OX=10090							
	GN=Av19 PE=1							
	SV=2							
	Rab proteins							
	geranylgeranyl							
	transferase							
Q9QZ	component A	2	1	1	1	621	70	5.19
D5	OS=Mus							
	musculus							
	OX=10090							
	GN=Chml PE=2							

SV=2

5-oxoprolinase

OS=Mus

Q8K0	musculus	1	1	1	1	1288	137.5	6.28	13460323
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10

OX=10090

GN=Oplah

PE=1 SV=1

Protein kinase

domain-contain

ing protein

Q3TY	(Fragment)	6	1	1	1	215	24.2	6.95	
------	------------	---	---	---	---	-----	------	------	--

Q3

OS=Mus

musculus

OX=10090

GN=Eif2ak1

PE=2 SV=1

Leucine-rich
repeat-contains
g

G-protein-coupl

D3Z6	ed receptor 6	3	1	1	1	690	73.6	5.96	982567.1875
S4	OS=Mus								

musculus

OX=10090

GN=Lgr6 PE=4

SV=1

E3

Q6PD	ubiquitin-protei								
K8	n ligase DTX4	1	1	1	1	616	66.8	9.63	2371775.75

OS=Mus

musculus

	OX=10090								
	GN=Dtx4 PE=1								
	SV=2								
	NACHT and								
	WD repeat								
	domain-contain								
	ing protein 2								
Q6P5	OS=Mus	1	1	1	1	1742	197.3	6.15	2550904.75
U7	musculus								
	OX=10090								
	GN=Nwd2								
	PE=1 SV=2								
	Mitogen-activat								
Q9W	ed protein	1	1	1	1	806	87.7	5.76	2069842.25
VS8	kinase 7								
	OS=Mus								

	musculus								
	OX=10090								
	GN=Mapk7								
	PE=1 SV=1								
	Galactose-3-O-s								
	ulfotransferase								
	2C OS=Mus								
Q3UL	musculus	2	1	1	1	396	47.1	8.62	1537729.875
K5	OX=10090								
	GN=Gal3st2c								
	PE=2 SV=1								
	Pyruvate								
	dehydrogenase								
Q9D0	E1 component	3	1	1	1	359	38.9	6.87	547925.125
51	subunit beta,								
	mitochondrial								

OS=Mus
 musculus
 OX=10090
 GN=Pdhb PE=1
 SV=1
 Phospholipase
 C beta-2
 (Fragment)

Q9Z2	OS=Mus								
T4	musculus	6	1	1	1	114	13.3	7.4	827059.25

OX=10090
 GN=Plcb2 PE=2
 SV=1

Q3U	Uncharacterize								
M21	d protein	2	1	1	1	316	35.1	9.52	2846704.5
	OS=Mus								

musculus

OX=10090

GN=Slc25a32

PE=2 SV=1

Protein piccolo

OS=Mus

Q9QY	musculus								
X7	OX=10090	0	1	1	1	5068	550.5	6.51	3175169.5
	GN=Pclo								
	PE=1								
	SV=4								
