									Normalized abundance						Raw abundance					
									31c			37C			31c			37C		
Accession	Peptide cou	Unique pep	Confidence	Anova (p)	Max fold ch	Highest me	Lowest me	Description	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_120mins_OTIT_D4_37C_3
G3GZ27	1	1	2.439232	1.99E-06	Infinity	31C	37C	Phenylalany	289240	107709.2	253556.6	0	0	0	536186.5	79740.18	253556.6	0	0	0
G3HXT3	1	1	3.145382	5.12E-06	20.13805	31C	37C	Protein kina	953029.6	1012669	832541.1	40100.2	48339.01	50513.64	1766705	749707.8	832541.1	23411.05	35991.92	82817.24
G3HH79	2	2	4.799884	1.38E-05	4.532669	31C	37C	Zinc finger (	723305.6	731280.9	613689.9	147607.7	152958.3	155738.2	1340848	541388.2	613689.9	86175.44	113888.6	255333.2
G3IMP5	5	5	20.39425	5.47E-05	10.15502	31C	37C	Protein NDF	15397036	23197676	18837537	1988739	1712965	1953848	28542680	17173905	18837537	1161053	1275427	3203338
G3I557	1	1	2.562177	9.05E-05	1.59825	31C	37C	Toll-interac	3872252	3763310	3645891	2267174	2458569	2332884	7178294	2786087	3645891	1323607	1830584	3824770
G3HBE9	2	2	6.165279	9.68E-05	2.472822	31C	37C	Leucine-ric	9691078	11068144	9955839	4166158	3835097	4419804	17965103	8194064	9955839	2432261	2855509	7246280
G3GSC9	1	1	2.620506	0.000111	2.052534	31C	37C	tRNA (aden	33336308	30585989	30894983	14429678	15260201	16505345	61798098	22643685	30894983	8424246	11362332	27060557
G3GYD5	2	2	8.051063	0.000112	2.18197	31C	37C	Compleme	64637797	69319203	58690524	29646998	30210240	28433397	1.2E+08	51318994	58690524	17308328	22493727	46616631
G3HEZ0	2	2	7.968706	0.000116	1.699014	31C	37C	Stress-70 p	27915098	26511215	26490991	14955216	16059014	16611812	51748382	19627013	26490991	8731062	11957107	27235110
G3HND9	4	4	16.94569	0.000138	5.012403	31C	37C	Putative RN	85361720	92947993	66403157	17878531	15358612	15584328	1.58E+08	68812066	66403157	10437734	11435607	25550548
G3H2I6	4	4	9.283706	0.000138	1.869935	31C	37C	Neural cell	2870604	2866896	2694068	1579982	1392045	1536988	5321462	2122445	2694068	922415.5	1036479	2519896
G3I0I7	1	1	2.684247	0.000141	Infinity	31C	37C	S-methyl-5'	2977527	147069.8	192964	0	0	0	5519672	108880	192964	0	0	0
G3IFA9	1	1	2.962125	0.000169	48.68437	31C	37C	Transcriptic	4792955	4332669	2450228	108398.5	73970.45	55404.57	8885072	3207599	2450228	63284.52	55076.39	90835.94
G3GX55	6	6	15.95763	0.000189	2.042896	31C	37C	Brain-speci	6136894	5811614	5237596	2717808	2735423	2959389	11376436	4302505	5237596	1586694	2036722	4851927
G3HBD3	1	1	5.501161	0.00021	2.11381	31C	37C	Nucleoside	13977612	14967526	12566163	6855778	6226045	6556316	25911383	11080889	12566163	4002498	4635744	10749098
G3I4G0	2	2	5.692096	0.000246	3.068633	31C	37C	EH domain-	9184409	11239747	9379985	3026217	3020477	3665818	17025851	8321107	9379985	1766747	2248965	6010119
G3II51	1	1	2.301335	0.000256	3.290457	31C	37C	Phosphoma	2956455	3055410	2765717	1055941	838933.6	772712.8	5480610	2262008	2765717	616473.1	624647.3	1266865
G3GR83	2	2	8.150944	0.000271	2.889303	31C	37C	1,5-anhydro	2578708	2351462	2379515	815806.3	735287.6	978819.5	4780350	1740855	2379515	476279	547475.2	1604777
G3GRY7	2	2	8.871435	0.0003	2.088048	31C	37C	HSBP1 |	9362329	10770491	9407988	4627612	4416895	5103064	17355675	7973703	9407988	2701664	3288701	8366487
G3GZ87	1	1	2.770653	0.00032	2.38349	31C	37C	RNA-bindin	597877.9	518767.2	543450.6	204494.2	251024.4	240979.3	1108333	384058.2	543450.6	119386.5	186906	395086.2
G3HG95	19	19	56.33554	0.000324	1.720498	31C	37C	Lamin-A/C	56138909	56938365	53588546	35157401	30928531	30784770	1.04E+08	42153105	53588546	20525378	23028547	50471714
G3GRW2	1	1	2.536269	0.00035	3.487408	31C	37C	EMC8 |	8442116	7320245	6149859	1846591	2227062	2209588	15649805	5419387	6149859	1078065	1658210	3622625
G3HXA2	1	1	2.398934	0.000357	2.383934	31C	37C	Basic leucir	272507.6	296444.4	287409.9	131324.6	103078.6	124819.1	505168.4	219466.3	287409.9	76669.09	76749.52	204641.2
G3H3E4	2	2	5.693291	0.000371	4.028441	31C	37C	Galectin-3-	3337439	2717428	2814358	834243.3	781696.9	585711.9	6186870	2011790	2814358	487042.8	582030.3	960276.2
G3I539	1	1	4.234034	0.000374	30.18977	31C	37C	Hsc70-inter	10368566	5849449	3904501	214041.3	187753.4	264739.5	19221014	4330515	3904501	124960.2	139796.1	434041.1
G3I519	1	1	2.562128	0.0004	2.326558	31C	37C	LXN | LXN	7297920	7688608	6901541	3512388	2746039	3149492	13528721	5692097	6901541	2050581	2044626	5163600
G3H1G7	3	3	8.567132	0.000423	2.028957	31C	37C	Pyridoxal pl	11424437	11002485	9298040	5162847	5093501	5379747	21178364	8145455	9298040	3014142	3792483	8820109
G3IDL8	1	1	6.753433	0.000446	16.54803	31C	37C	Heat shock	2191928	2171103	2905145	225836	100901.4	112479.7	4063346	1607330	2905145	131846.2	75128.45	184410.7
G3HLS2	2	2	4.386187	0.000464	6.043838	31C	37C	14-3-3 prot	4236046	4257426	2769164	615658	723622.6	524210	7852687	3151894	2769164	359429.7	538789.8	859443.6
G3HBZ8	1	1	2.714441	0.000466	1.648722	31C	37C	Ubiquitin-a	2504434	2548195	2346769	1619903	1433537	1434521	4642664	1886502	2346769	945721.8	1067372	2351900
G3H3B2	1	1	2.7361	0.000478	625.364	31C	37C	Cysteine-ric	23418401	12751884	7461946	9752.456	50231.02	9787.462	43412505	9440586	7461946	5693.619	37400.66	16046.57
G3I7D7	2	2	8.424897	0.000493	1.833589	31C	37C	RNA-bindin	4592473	4264904	4907099	2708955	2348011	2449885	8513423	3157431	4907099	1581525	1748265	4016593
G3I3C7	1	1	6.482261	0.000593	2.040093	31C	37C	Putative all	32238362	32801124	34912742	18472522	15913462	14607979	59762751	24283613	34912742	10784514	11848733	23949821
G3HLZ7	1	1	2.643014	0.000606	6.898301	31C	37C	alanyl-tRNA	3677755	2332144	1955634	356601.5	381939.4	416168.6	6817740	1726553	1955634	208188.9	284381.7	682309.6
G3I2X3	1	1	2.752271	0.000659	16.75798	31C	37C	Casein kina	3923240	1848311	2072617	111360.6	202155.6	154569.5	7272814	1368358	2072617	65013.85	150519.6	253417.1
G3HK90	1	1	3.585808	0.000662	54.99456	31C	37C	14-3-3 prot	1947015	1183579	714293.9	38374.9	17376.07	14162.99	3609333	876237.5	714293.9	22403.8	12937.75	23220.27
G3HIL4	1	1	2.33766	0.000663	2.605376	31C	37C	Anamorsin	2133848	1946450	1732380	828801.5	768749.4	633481.1	3955680	1441012	1732380	483865.8	572390	1038594
G3HSE4	1	1	5.241508	0.000667	5.656411	31C	37C	Proteasome	22789518	22792882	14550231	4243169	3021678	3366034	42246697	16874225	14550231	2477221	2249859	5518622
G3HIN8	3	3	7.104459	0.000684	1.644554	31C	37C	Leucine zip	865410.2	908081.7	834346.8	576029	492057.1	517655.7	1604278	672278.9	834346.8	336293.7	366372.4	848697.9
G3H6K5	1	1	3.124167	0.000743	50.12889	31C	37C	HIV Tat-spe	820018.2	1566069	565960.4	12370.66	14271.67	32246.81	1520131	1159406	565960.4	7222.164	10626.3	52868.73
G3H3Y2	6	6	13.36648	0.000746	3.543536	31C	37C	Retrovirus-l	12010460	8569664	7967374	2446918	2767143	2842156	22264720	6344368	7967374	1428545	2060340	4659723
G3H9U3	4	4	14.25954	0.000751	1.883543	31C	37C	Splicing fac	23168123	20719203	18594939	10677846	10919357	11575523	42948545	15339020	18594939	6233874	8130257	18978101
G3IAI6	3	3	10.57187	0.000804	3.428363	31C	37C	Heme oxyg	3424644	2759469	2386661	751832.9	768815.8	979312.5	6348528	2042914	2386661	438930.5	572439.4	1605585
G3HCS4	2	2	5.141993	0.000829	5.482511	31C	37C	26S proteas	1583255	1286192	960258.5	264941.6	252096.2	181493.4	2935002	952205.1	960258.5	154676.6	187704	297559
G3I2F6	1	1	2.474149	0.000845	7.682713	31C	37C	Putative RN	469665.7	327925.7	430091.5	61632.29	34217.37	63948.43	870655.8	242772.8	430091.5	35981.79	25477.33	104843.6
G3GZB1	2	2	6.765927	0.000864	2.579585	31C	37C	Eukaryotic t	11689691	14403853	12344984	5401905	4152833	5346314	21670086	10663586	12344984	3153707	3092087	8765296
G3I6I1	2	2	5.242678	0.000922	2.38861	31C	37C	26S proteas	13750282	12803993	10212736	5519534	5066371	4806732	25489964	9479164	10212736	3222380	3772283	7880651
G3GVV6	1	1	2.47768	0.000922	1.700913	31C	37C	Ras and Ral	1985654	1891763	2205345	1287389	1158415	1130371	3680961	1400526	2205345	751595.6	862524.2	1853247
G3HQQ2	1	1	3.278003	0.000938	1.952539	31C	37C	Phostensin	1500183	1645925	1837497	932545.7	791557.1	828268.1	2781006	1218525	1837497	544433.1	589372	1357948

G3H5W5	2	2	6.12334	0.000944	2.306139	31C	37C	LIM and SH	4256926	3439433	3182933	1604297	1654759	1458480	7891393	2546311	3182933	936610.7	1232089	2391182
G3HWY6	1	1	2.689991	0.000961	1.848823	31C	37C	Dynamin-lil	3367460	3209152	3620956	1619334	1943788	1952588	6242522	2375827	3620956	945389.4	1447292	3201273
G3I4C0	1	1	3.039669	0.000966	25.9206	31C	37C	Deoxycytidi	1713247	2193985	1046631	37222.47	48336.44	105557.9	3175978	1624270	1046631	21730.99	35990	173062.4
G3IGW0	3	3	8.638243	0.000966	2.701765	31C	37C	Protein CTL	10269087	8379118	7798950	3314318	2799924	3674600	19036602	6203301	7798950	1934945	2084747	6024517
G3H750	7	7	27.67376	0.001017	3.813071	31C	37C	Calpastatin	3763581	3437555	2822597	1110212	807652.7	710917.1	6976842	2544920	2822597	648157.2	601356.3	1165551
G3I277	1	1	2.791537	0.001024	22.16239	31C	37C	Dihydrolipo	9856907	7696325	3406537	353434	229463.7	362838.1	18272513	5697810	3406537	206339.7	170852.4	594874
G3I412	1	1	2.825998	0.001083	1.694729	31C	37C	45 kDa calc	1327385	1239662	1086748	721458.8	742708.5	691808.6	2460676	917757	1086748	421197.7	553000.6	1134222
G3HTA6	1	1	2.353061	0.001091	2.069244	31C	37C	EPM2A-inte	2937889	2515140	2418113	1180948	1431703	1191223	5446193	1862030	2418113	689453.9	1066007	1953014
G3GTH2	1	1	5.729126	0.001111	7.073939	31C	37C	Na(+)/H(+)	1659724	2866668	1536235	357839.8	255178	244019.2	3076760	2122276	1536235	208911.8	189998.6	400070.1
G3HU51	1	1	2.763066	0.001129	4.495992	31C	37C	Isocitrate d	2699561	3051850	1828421	605431.8	466546.5	613930.6	5004386	2259372	1828421	353459.5	347377.9	1006541
G3H3G9	1	1	3.108128	0.001131	2.1289	31C	37C	Septin-9 |S	5662185	6149578	5605088	2760196	2309618	3111335	10496431	4552709	5605088	1611440	1719679	5101042
G3ICH9	4	4	14.20223	0.001168	2.011846	31C	37C	Ataxin-10 |.	10352375	10657574	9980073	5981878	4520661	4901237	19191000	7890108	9980073	3492303	3365961	8035591
G3GWG3	2	2	8.79165	0.001221	4.075427	31C	37C	High mobili	26916022	29353696	18722199	6542889	4971083	6887024	49896317	21731383	18722199	3819829	3701334	11291295
G3H5K6	1	1	2.448966	0.001249	2.392624	31C	37C	Pyruvate de	1306882	1149418	1168208	598130.9	422262.9	494473.3	2422669	850946.9	1168208	349197.1	314405.5	810690.3
G3GYJ1	1	1	2.891622	0.001297	1.758333	31C	37C	Rho GTPase	14883539	17181017	13669920	8340013	8746937	8923179	27590771	12719600	13669920	4869015	6512732	14629576
G3HNG2	3	3	9.810073	0.001306	2.426729	31C	37C	Acyl-coenzy	1620079	1415585	1259102	583307	508297.3	678171.3	3003266	1047998	1259102	340542.7	378464.4	1111864
G3HYJ9	2	2	8.094284	0.001326	2.584143	31C	37C	Moesin |MS	6235665	6766334	6770598	3178070	2212979	2260461	11559536	5009311	6770598	1855402	1647725	3706032
G3GXK5	1	1	4.531972	0.001335	68176.41	31C	37C	Sorting nexi	1670997	3286951	579052.9	11.5271	0	69.68869	3097657	2433424	579052.9	6.72968	0	114.2548
G3IC91	4	4	9.749091	0.001363	1.919635	31C	37C	von Willebr	6037783	5052883	4634891	2601623	2791094	2799236	11192707	3740794	4634891	1518864	2078173	4589355
G3HF68	2	2	4.825359	0.001374	2.16613	31C	37C	Cold-induc	36606588	28390551	27144769	14253098	13523317	14761163	67860470	21018339	27144769	8321156	10069095	24200966
G3IJQ0	1	1	2.335266	0.001429	1.742862	31C	37C	COBW dom	1762880	1481880	1409540	923404.6	877086.7	870002.1	3267988	1097078	1409540	539096.4	653055	1426371
G3H0E4	13	13	44.10934	0.00145	2.560057	31C	37C	Chondroitin	17998119	14609198	12795367	5604392	5415223	6715415	33364509	10815608	12795367	3271922	4032028	11009940
G3H319	2	2	5.418427	0.001479	1.856986	31C	37C	Tubulin-spe	31155048	30237766	24545222	15762077	14668270	15847886	57754528	22385886	24545222	9202119	10921596	25982651
G3I5A4	1	1	2.394399	0.001491	14.95576	31C	37C	Annexin |Al	2548599	2386003	995214.1	175211.2	103814.5	117464.7	4724536	1766426	995214.1	102290.8	77297.43	192583.6
G3HC77	1	1	2.363818	0.001543	1.556791	31C	37C	Cell division	8291638	7217736	7157510	4576318	4872427	5111256	15370853	5343497	7157510	2671718	3627877	8379918
G3HNN8	2	2	4.799731	0.001576	3.178506	31C	37C	Long-chain	2428226	3654037	2558935	837093.4	830167.8	1051374	4501391	2705188	2558935	488706.7	618120.5	1723730
G3IIV7	3	3	7.325657	0.001601	2.690515	31C	37C	FERM doma	1348445	924256.2	1052564	410447.9	365682.9	459790.6	2499716	684253.4	1052564	239625.2	272277.6	753828
Q80Z93	1	1	3.377411	0.001635	5.207339	31C	37C	Gap junctio	3555874	1762167	2486526	547590.8	438073	513099	6591798	1304582	2486526	319691.1	326177.3	841227.2
G3H1A4	1	1	2.503767	0.001691	17.60026	31C	37C	Sidoreflexin	1358684	1178179	724954	90144.7	28665.94	66517.1	2518697	872239.7	724954	52627.72	21343.89	109055
G3I6S3	1	1	2.041924	0.001703	13.3112	31C	37C	Programme	1691626	1202592	903075.9	121244.4	116034	47992.07	3135898	890313	903075.9	70784.14	86395.79	78683.13
G3HTV3	1	1	2.596322	0.001705	5.493647	31C	37C	Tripartite m	969478.8	1002132	1049045	226845.7	213431.7	109567.8	1797198	741907	1049045	132435.7	158915.5	179636.8
G3I255	5	5	19.48523	0.001707	1.926059	31C	37C	L-lactate de	2.09E+08	2.47E+08	2.1E+08	1.26E+08	1E+08	1.19E+08	3.88E+08	1.83E+08	2.1E+08	73552085	74824000	1.96E+08
G3H0S4	2	2	8.295435	0.001734	5.61546	31C	37C	Sorbitol del	6090648	6756443	4069028	1146324	1175666	690429.2	11290706	5001989	4069028	669239.9	875368.9	1131960
Q60456	1	1	3.198445	0.001766	6.399567	31C	37C	Tubulin bet	9245234	9315543	4878895	1068045	1059686	1534965	17138607	6896564	4878895	623539.5	789013.6	2516580
G3H7K5	2	2	8.23908	0.00177	2.917086	31C	37C	T-complex p	12203966	10465634	7828575	3794880	3550232	3109901	22623438	7748009	7828575	2215504	2643407	5098690
G3HGW7	1	1	2.691651	0.001771	5.600325	31C	37C	40S ribosor	16088762	18641764	8971726	2618894	2423562	2761065	29824985	13801033	8971726	1528947	1804518	4526773
G3H1D6	2	2	6.215221	0.001788	4.082673	31C	37C	A kinase an	3733115	4344853	3091419	1197804	862069.7	675928.3	6920364	3216619	3091419	699294.6	641873.8	1108186
G3HQJ1	1	1	2.654196	0.001794	7.737771	31C	37C	60S ribosor	4519025	3942644	2552004	687378.7	325567.1	410419.2	8377267	2918852	2552004	401301.2	242408.4	672883.4
G3I142	3	3	8.844928	0.001845	3.420592	31C	37C	Splicing fac	3726109	2650228	2284585	969267.4	829321	733406.8	6907377	1962040	2284585	565871.7	617489.9	1202422
G3GSH5	2	2	5.355299	0.001875	3.705585	31C	37C	ATP-depen	3155465	2518859	1774666	665267.6	608860.7	736077.9	5849531	1864783	1774666	388392.4	453341.2	1206802
G3GVD0	10	10	45.88204	0.002003	1.806406	31C	37C	Actin, cytop	2.3E+08	2.08E+08	1.9E+08	1.14E+08	1.04E+08	1.29E+08	4.26E+08	1.54E+08	1.9E+08	66700563	77765720	2.12E+08
G3H4D3	1	1	3.399128	0.002011	6.737495	31C	37C	6-phospho	21162225	17583636	10712398	1803473	3240163	2297113	39230057	13017670	10712398	1052892	2412538	3766124
G3H037	2	2	8.708035	0.00209	2.191282	31C	37C	U5 small nu	2787926	2800783	2345020	1426226	1164405	1029957	5168194	2073500	2345020	832650.3	866984.5	1688618
G3HX69	2	2	5.912021	0.00214	2.666997	31C	37C	LIM domain	4301419	4651749	3021703	1598673	1461000	1430348	7973873	3443823	3021703	933327.3	1087821	2345060
G3H9B2	1	1	2.327462	0.002191	2.162222	31C	37C	Myoferlin |I	5603923	5108447	3943370	2222915	2173265	2381912	10388427	3781929	3943370	1297768	1618154	3905151
G3IKQ5	1	1	4.787832	0.002192	13.0279	31C	37C	Pyridoxal ki	4869679	3830916	2133761	436970.8	222176.8	172479.9	9027302	2836137	2133761	255109.6	165426.9	282781.3
G3H1N7	3	3	13.49038	0.002195	2.298582	31C	37C	Splicing fac	10270224	11243879	8737650	5216584	3813897	4130566	19038711	8324166	8737650	3045514	2839724	6772075
G3HL97	2	2	7.937415	0.002225	5.12943	31C	37C	RAP2B |	930901.1	992671.8	1008684	199905.9	257744.7	114003	1725684	734903.4	1008684	116707.8	191909.8	186908.2
G3HK76	4	4	14.97922	0.00224	2.205134	31C	37C	LETM1 and	8136380	7140537	5629869	3342716	3131593	3006652	15083038	5286345	5629869	1951524	2331699	4929414
G3H4C1	1	1	6.06373	0.002277	1.945393	31C	37C	60S ribosor	6177652	6320073	5158765	3241222	2608726	3226107	11451992	4678931	5158765	1892270	1942386	5289211
G3GUM9	1	1	2.615126	0.002278	3.597497	31C	37C	Putative rib	449777.1	299038.4	296575	113382.8	101866.5	75339.08	833786.7	221386.7	296575	66194.43	75847.03	123518.6
G3IJ02	4	4	12.80066	0.002316	2.350311	31C	37C	Leucine-ric	4514269	3830499	3978643	2107758	1414232	1721320	8368450	2835829	3978643	1230538	1052999	2822109

G3I9X3	1	1	2.129453	0.00232	2.665164	31C	37C	Protein SET	8589504	6462900	5514692	2454063	2411427	2851521	15923029	4784670	5514692	1432716	1795483	4675077
Q91Z81	4	4	15.45303	0.002397	2.474927	31C	37C	Protein disu	18735457	19135370	14145919	8296158	6203177	6518149	34731368	14166463	14145919	4843412	4618718	10686522
G3HT19	1	1	2.723204	0.002501	1.832564	31C	37C	Zinc finger (	1550015	1510771	1289684	902524.4	721559	749896.7	2873383	1118467	1289684	526906.2	537253.3	1229458
G3H278	3	3	7.315879	0.002576	2.723518	31C	37C	60S ribosor	3378080	3497432	3042032	1386557	887761.7	1367127	6262208	2589249	3042032	809491.4	661003.3	2241409
G3IDL3	1	1	3.380313	0.002643	1.743548	31C	37C	Interferon-i	20623036	22592320	19986157	13961371	10969451	11317973	38230521	16725743	19986157	8150842	8167556	18555847
G3GUL4	2	2	5.345213	0.002687	1.656412	31C	37C	Tetraspanir	14762497	12085037	15276006	8215057	8456016	8759523	27366385	8946900	15276006	4796064	6296120	14361262
G3H412	4	4	12.49013	0.00279	1.962229	31C	37C	Proliferatin	45355594	47715670	36057750	24207225	20065628	21534472	84079181	35325280	36057750	14132513	14940323	35305825
G3GYP7	6	6	16.52269	0.002826	2.042185	31C	37C	aldo-keto re	30517579	29477020	22208361	13600149	14206320	12445984	56572801	21822683	22208361	7939955	10577641	20405225
G3HBL0	4	4	12.25679	0.002857	2.56314	31C	37C	mRNA expo	2949721	4609822	3233874	1328434	1512913	1369667	5468126	3412784	3233874	775558.3	1126474	2245572
G3IN18	1	1	2.321614	0.002901	2.780122	31C	37C	60S ribosor	4210729	6589519	4497088	1835302	1620488	2046607	7805756	4878410	4497088	1071475	1206572	3355418
G3H7F8	2	2	9.104145	0.002902	3.252715	31C	37C	Acidic leuci	45800463	55017978	30840937	12292048	14553034	13631685	84903869	40731388	30840937	7176268	10835795	22349184
G3H215	2	2	4.496081	0.002959	139.4341	31C	37C	40S ribosor	11209552	6143959	1787365	93461.48	14003.59	29810.33	20780016	4548549	1787365	54564.11	10426.69	48874.12
G3GXW9	1	1	2.120975	0.002975	4.185239	31C	37C	SAM domai	7217254	9726038	5325191	1576120	2273786	1470813	13379183	7200465	5325191	920160.8	1692999	2411403
G3H6E1	1	1	2.325851	0.002977	206.3834	31C	37C	Eukaryotic t	11816152	6431436	4101761	28713.57	4288.525	75288.34	21904517	4761376	4101761	16763.38	3193.12	123435.4
G3HZ33	1	1	2.833607	0.002986	1.926728	31C	37C	Serine/thre	479265.3	400433.8	392219.6	250964.4	190297.9	218882.2	888451.3	296452.7	392219.6	146516.5	141690.6	358857.9
G3I2N4	2	2	9.184513	0.003082	1.928146	31C	37C	Lamina-ass	26386233	21889965	20782380	10529717	11743813	13542523	48914206	16205769	20782380	6147394	8744125	22203004
G3HKP3	2	2	5.125685	0.003115	1.834464	31C	37C	Cytochrom	5417560	5250185	5570291	2995251	2453995	3402404	10042951	3886863	5570291	1748669	1827178	5578251
G3H239	3	3	10.18281	0.003153	7.344869	31C	37C	Sarcoplasm	3739433	2353033	1496217	362136.3	249527.6	421531.3	6932077	1742018	1496217	211420.2	185791.5	691101.6
G3H0N2	3	3	7.688359	0.003171	2.186412	31C	37C	Bcl-2-assoc	932091.6	1020558	830270.1	518052.3	395506.4	359266.3	1727891	755548.6	830270.1	302446.1	294483.4	589018
G3HNY5	3	3	8.050282	0.003251	4.608437	31C	37C	Phosphogly	43248566	31056189	19669651	6540163	6292047	7559608	80173219	22991788	19669651	3818238	4684888	12393998
G3H8G0	1	1	2.937025	0.003257	3.568312	31C	37C	Glutathione	3069775	5306546	3062281	1052349	1214437	938821.1	5690681	3928588	3062281	614375.7	904236.7	1539200
G3H9Y7	2	2	4.877337	0.003283	2.008697	31C	37C	NudC doma	7110555	6849328	5093817	3300589	3196688	2988326	13181386	5070754	5093817	1926930	2380167	4899369
G3HNA5	1	1	1.974459	0.003347	4.192872	31C	37C	Ubiquitin ca	1740099	1080939	876306.4	261108.5	268697.6	352010.5	3225756	800249.8	876306.4	152438.7	200065	577122.2
G3GWB3	1	1	2.052891	0.003501	1.579012	31C	37C	Alpha-2-ma	4575219	4495683	4256616	2938979	2431710	3069727	8481439	3328283	4256616	1715817	1810585	5032826
G3GWZ6	1	1	2.294846	0.003514	1.679477	31C	37C	Nucleoside	189447.4	190774.8	194748.1	129945.3	115385.4	97020.14	351193.3	141236	194748.1	75863.86	85912.86	159064.8
G3HZM3	1	1	2.89792	0.003539	1.611883	31C	37C	V-type prot	8958618	9350401	8496445	4910297	5405150	6314459	16607284	6922370	8496445	2866699	4024528	10352573
G3GXG4	2	2	4.576941	0.003558	1.799576	31C	37C	Lanosterol	1694979	1497957	1955366	1035558	855730.7	969553	3142115	1108981	1955366	604573.2	637153.9	1589585
G3I531	3	3	8.127009	0.00357	2.067523	31C	37C	Ran GTPase	6934956	8694230	6282612	3939432	3540642	3118015	12855865	6436588	6282612	2299895	2636266	5111995
G3HSM1	1	1	2.621974	0.003594	1.679351	31C	37C	Dual specif	1040976	1166280	1171680	674186.3	756281.9	581581	1929738	863430.5	1171680	393599.3	563107	953503.6
G3I0X5	1	1	3.331262	0.003597	29.81703	31C	37C	Epoxide hyc	8113443	5925776	3189469	392502.3	67373.26	117938.2	15040519	4387022	3189469	229148.3	50164.31	193360
G3HHD8	1	1	3.038187	0.003604	2.412004	31C	37C	Serine/thre	6976712	8017236	7016988	2770031	2450140	3905410	12933272	5935390	7016988	1617183	1824308	6402931
G3HQT0	2	2	7.288402	0.003635	2.261178	31C	37C	Proteasome	4862841	4508129	4232686	2444685	1560423	2011075	9014626	3337497	4232686	1427241	1161849	3297162
G3HNP4	1	1	2.165826	0.003647	4.304502	31C	37C	rRNA 2'-O-r	534769.8	480734.6	649867.7	176492	130232	80166.76	991344.2	355901.6	649867.7	103038.5	96967.23	131433.6
G3I518	3	3	8.460242	0.003681	1.863223	31C	37C	Elongation	14194464	11971175	10102987	6727899	6223648	6513985	26313377	8862605	10102987	3927841	4633960	10679696
G3H3X5	1	1	2.302814	0.003695	3.003069	31C	37C	U3 small nu	692923.7	874896	497309.4	235156.6	200601.7	251914.5	1284526	647710.6	497309.4	137287.7	149362.6	413014.4
G3IJB6	1	1	2.394502	0.003704	5.864039	31C	37C	Protein RCC	2096840	1733060	839770.2	263625.6	275781.7	256915.8	3887075	1283034	839770.2	153908.3	205339.6	421214.2
G3I4H6	6	6	20.49437	0.00377	1.769609	31C	37C	Fructose-bi	1.31E+08	1.49E+08	1.16E+08	82193372	66844096	74986385	2.43E+08	1.1E+08	1.16E+08	47985629	49770303	1.23E+08
G3I5Z8	3	3	8.031557	0.003868	1.772023	31C	37C	Proteasome	2534161	3274169	2837561	1823792	1513617	1541698	4697771	2423961	2837561	1064755	1126998	2527617
G3IAI7	1	1	2.405968	0.003889	2.423493	31C	37C	Target of My	367757.1	343367	262915.3	138562.7	108170.8	155182	681739.9	254204.4	262915.3	80894.8	80541.07	254421.3
G3I4I9	2	2	4.191717	0.003906	1.760645	31C	37C	Major vault	12615698	10004459	9297653	6183546	6051995	5892937	23386697	7406588	9297653	3610040	4506151	9661486
G3I737	1	1	2.520625	0.003955	1.687581	31C	37C	40S ribosor	1214706	1559551	1205029	793998.2	804758.4	759225.3	2251796	1154580	1205029	463547.2	599201.3	1244752
Q8WBA9	2	2	8.031256	0.004001	2.450961	31C	37C	Cytochrom	20176174	17196998	16110044	5939729	6538071	9343524	37402137	12731431	16110044	3467696	4868071	15318732
G3I0V9	2	2	6.052996	0.004039	1.680154	31C	37C	Liprin-beta-	1516314	1248710	1194477	727822.9	854402.8	774403.9	2810910	924455.7	1194477	424913.1	636165.2	1269637
G3GRB1	1	1	3.679473	0.004041	2.160523	31C	37C	Calpain-2 c	4018812	4798488	5664213	2356368	2463025	1883387	7449983	3552458	5664213	1375680	1833902	3087818
G3HMD1	2	2	12.10511	0.004051	2.043073	31C	37C	Glyceraldeh	11212214	11832318	8134500	5129482	4915289	5216084	20784950	8759805	8134500	2994662	3659791	8551784
G3ILG2	1	1	6.135108	0.004058	35.76195	31C	37C	THUMP dor	4752984	5937060	2960673	175246.6	28289.55	178174.5	8810975	4395376	2960673	102311.4	21063.63	292117.5
G3HRP2	1	1	2.619312	0.004089	2.767708	31C	37C	Canopy FGF	771674.6	780528.2	587839.5	334381.4	235816.1	203020.9	1430513	577847.4	587839.5	195216.5	175582.3	332853.3
G3GUU4	1	1	2.991469	0.004127	1.519104	31C	37C	mRNA-decа	1476471	1588152	1362743	1018907	866710.5	1028842	2737049	1175755	1362743	594852.3	645329.1	1686788
G3HQH4	1	1	5.322007	0.004141	1.545382	31C	37C	Pre-mRNA-	6129856	6073094	5654953	4278190	3364995	3912472	11363389	4496086	5654953	2497666	2505484	6414509
G3HWC3	8	8	32.81918	0.004195	2.506327	31C	37C	Ezrin | EZR	55148965	39782305	35569102	14675062	18892711	18500608	1.02E+08	29451981	35569102	8567504	14067001	30331797
G3HYC4	1	1	2.422211	0.004232	2.097482	31C	37C	Serine palm	4293974	3794427	3286077	2170683	1544443	1707795	7960073	2809123	3286077	1267275	1149950	2799934
G3I2Q7	1	1	2.508483	0.004338	7.94918	31C	37C	Transcriptic	7622933	8162292	3884810	1311167	605697	557609.4	14131221	6042779	3884810	765477.5	450985.6	914202.1

G3HQX0	2	2	6.71743	0.004371	1.680197	31C	37C	40S ribosor	1.21E+08	1.59E+08	1.24E+08	80933498	81258730	78021243	2.24E+08	1.18E+08	1.24E+08	47250097	60503049	1.28E+08
G3HV90	1	1	2.527304	0.004394	1.650398	31C	37C	55 kDa eryt	1826188	1385981	1526626	985089.8	905151.8	981063.8	3385347	1026082	1526626	575109	673951.5	1608457
G3IFV9	2	2	5.542556	0.004443	2.238758	31C	37C	Methyltrans	1958044	2798942	1976690	1117599	1016901	873273.9	3629778	2072137	1976690	652469.6	757156.6	1431735
G3GWH3	1	1	2.762441	0.004477	4.668009	31C	37C	POMP |	3698904	3782700	1953958	511835.7	860101.6	649387.3	6856945	2800441	1953958	298816.8	640408.4	1064672
G3GRW1	1	1	2.250293	0.004503	22.41096	31C	37C	Cytochrom	960200.3	1128619	575693.2	63137.43	10941.79	44814.06	1779998	835549	575693.2	36860.51	8146.962	73472.77
G3HFM4	8	8	21.02459	0.004541	1.697705	31C	37C	Filamin-B |	11125498	12592338	9917805	6156323	6227746	7428345	20624199	9322469	9917805	3594147	4637011	12178792
G3GXQ3	1	1	2.684375	0.004546	1.727837	31C	37C	Trifunctiona	9237829	9524059	8304255	6155351	4842851	4666557	17124880	7050934	8304255	3593579	3605856	7650833
G3GU78	1	1	3.29186	0.004582	2.476155	31C	37C	Paxillin |	761413.9	880078.1	786589.9	427009.6	303110.9	250465	1411492	651547	786589.9	249294.1	225688.1	410638.1
G3GS61	1	1	2.28389	0.004646	9.745143	31C	37C	PRA1 family	726117.5	1181508	517369.8	123524.3	40520.14	84797.04	1346060	874704.5	517369.8	72115.18	30170.2	139025
P55072	9	9	30.03036	0.00469	2.432699	31C	37C	Transitional	81080898	64474813	48169571	27064170	25418740	27150983	1.5E+08	47732554	48169571	15800437	18926105	44514110
G3IAQ0	5	5	23.05157	0.004707	2.033486	31C	37C	Alpha-enol	4.82E+08	4.64E+08	3.3E+08	2.02E+08	2.09E+08	2.16E+08	8.94E+08	3.44E+08	3.3E+08	1.18E+08	1.56E+08	3.54E+08
G3H4Q7	1	1	2.845283	0.004773	5.832356	31C	37C	Ras-related	1989090	1076409	908662.5	317946.8	197824.9	165627.3	3687331	796896.5	908662.5	185621.8	147295.1	271546.4
G3I1S5	4	4	9.505012	0.004793	4.13504	31C	37C	Glyceraldel	1.96E+08	1.64E+08	98096761	43093882	27866633	39691463	3.63E+08	1.21E+08	98096761	25158805	20748740	65074261
G3IJJ7	1	1	2.130275	0.004798	2.873189	31C	37C	Phosphoma	8935597	9046069	6978055	2247548	2510497	3929071	16564609	6697065	6978055	1312150	1869248	6441722
G3IFY1	4	4	10.93162	0.004825	2.654946	31C	37C	TYMS |TYM	4454702	3322670	2569202	1156483	1358618	1381992	8258026	2459868	2569202	675170.9	1011590	2265780
G3HKZ1	3	3	8.989951	0.005033	4.918813	31C	37C	14-3-3 prot	17855473	17047748	7769415	3091482	2649334	2934576	33100074	12620937	7769415	1804850	1972623	4811246
G3HD44	1	1	2.801256	0.005037	1.860341	31C	37C	Vacuolar pr	6239918	8427160	7304822	3513825	3849135	4447721	11567419	6238869	7304822	2051420	2865962	7292051
G3GVW2	2	2	5.109937	0.005068	3.50431	31C	37C	Putative hy	1536546	796881.9	1109332	270779.9	399134.4	312521.4	2848415	589954.5	1109332	158085.1	297184.6	512379.7
G3IMD1	1	1	2.713236	0.005177	3.690206	31C	37C	S-(hydroxyr	16631039	9944156	8110833	3323380	2656062	3420041	30830246	7361944	8110833	1940235	1977632	5607167
G3IAY3	1	1	2.640801	0.005191	7.280469	31C	37C	SEC23-inte	1476819	1228754	597148.5	215830	137625.9	100185.3	2737693	909681.6	597148.5	126004.6	102472.5	164254.1
G3HHM7	1	1	2.39413	0.00523	1.828288	31C	37C	Guanylate k	247673.5	224440.2	174688.7	111659	121468.5	120647.4	459131.6	166159.5	174688.7	65188.05	90442.15	197801.7
G3IPV6	1	1	4.651829	0.005235	1.858599	31C	37C	26S proteas	3948876	5335683	4292822	2757952	2331975	2215241	7320337	3950159	4292822	1610130	1736325	3631894
G3H3F8	1	1	2.826625	0.005239	3.116819	31C	37C	Thymidine k	2303546	2551956	2899487	1081451	545505.8	861153.5	4270261	1889286	2899487	631366.1	406168.8	1411864
G3HLW9	1	1	2.03929	0.005263	1.98646	31C	37C	Signal trans	581656.7	599438.7	466764.7	311223.7	291767.7	226554.6	1078262	443781.6	466764.7	181696.7	217242.3	371436.9
G3HA46	1	1	3.153595	0.005288	2.380503	31C	37C	Mitochondr	426716.1	421645.9	514053.2	187899.1	144276.8	240146.5	791036.8	312156.5	514053.2	109698.1	107424.6	393720.8
G3I5L3	11	11	39.34715	0.005413	1.757606	31C	37C	Annexin |An	4.43E+08	3.64E+08	3.28E+08	2.28E+08	1.93E+08	2.24E+08	8.2E+08	2.69E+08	3.28E+08	1.33E+08	1.44E+08	3.68E+08
G3GUY5	2	2	7.111308	0.00542	1.934644	31C	37C	Protein KIA/	3444535	3887570	2640699	1819523	1634974	1700355	6385402	2878080	2640699	1062263	1217357	2787737
G3HDQ1	1	1	2.676027	0.005438	6.183688	31C	37C	UTP--gluco	150427.1	119190.4	66888.81	25649.97	11583.05	17185.35	278858.4	88240.05	66888.81	14974.81	8624.429	28175.43
G3HRY2	1	1	2.373702	0.005456	2.466747	31C	37C	Peroxisoma	2432170	1684368	1433660	801988.7	703716.4	744301.8	4508702	1246986	1433660	468212.1	523968.2	1220285
G3H2P6	1	1	2.173683	0.00546	1.985386	31C	37C	Cytoplasmi	2337881	2141923	2045527	852267.8	1157717	1276697	4333911	1585727	2045527	497565.7	862004.7	2093147
G3HRN0	7	7	34.82331	0.005506	2.213225	31C	37C	ATP synthas	54925735	39786087	36257963	22381535	19108921	17685534	1.02E+08	29454782	36257963	13066650	14227985	28995481
G3H3Q1	6	6	28.66733	0.005636	5.571859	31C	37C	Pyruvate kir	56028101	35294648	25181180	5787272	4998857	10123218	1.04E+08	26129640	25181180	3378690	3722013	16597043
G3HFQ4	1	1	2.78654	0.005708	5.487762	31C	37C	Dihydrolipo	23366366	29100087	14966002	6223125	3436832	2627832	43316044	21543629	14966002	3633147	2558972	4308338
G3IDM9	1	1	2.829551	0.005851	16.99158	31C	37C	Transcriptic	1440097	1796325	930955.8	44004.01	173184.5	28072.8	2669620	1329871	930955.8	25690.15	128948.5	46025.43
G3HF56	1	1	2.237265	0.005873	3.572769	31C	37C	Calponin |(	947559.9	1023577	897182.1	157903.3	359689.1	285235.4	1756565	757783.1	897182.1	92186.12	267814.8	467644.2
G3IFX1	3	3	8.45668	0.005907	3.497698	31C	37C	Succinate d	9440866	15729549	8767947	2953119	2592789	4157148	17501266	11645036	8767947	1724072	1930521	6815655
G3I692	3	3	7.281651	0.005983	4.346564	31C	37C	Carnosine d	2561822	2273780	1346886	317426.3	495658.6	609300.2	4749049	1683345	1346886	185317.9	369054	998949.3
G3HW36	1	1	4.372895	0.00599	1.506346	31C	37C	Serine hydr	7034065	7350849	8743018	4874837	5506836	4971987	13039591	5442044	8743018	2845997	4100241	8151586
G3GXD7	5	5	18.92036	0.00601	2.087585	31C	37C	Fatty acid s	17717429	18896829	12653945	8748758	7300810	7551010	32844171	13989865	12653945	5107646	5435985	12379901
G3H2Z7	5	5	14.32005	0.006097	1.772785	31C	37C	26S proteas	20474971	21777372	15957556	11864442	10952676	10018168	37956042	16122413	15957556	6926625	8155066	16424813
G3I0Q0	2	2	5.892733	0.006123	2.818633	31C	37C	Non-muscl	1677268	1252202	939703.7	424531.1	546695.2	401486.3	3109282	927040.7	939703.7	247847.1	407054.4	658237.9
G3I315	1	1	2.144036	0.006142	2.664892	31C	37C	Endothelin-	455005.5	595364.4	642302.8	266735.5	212765.7	155673.7	843479	440765.4	642302.8	155723.9	158419.6	255227.5
G3I2H0	3	3	11.16896	0.006175	1.53926	31C	37C	Dipeptidyl p	15349934	15056647	12226766	8920569	8880328	9896405	28455363	11146868	12226766	5207952	6612052	16225182
G3HBG8	6	6	17.60624	0.006196	2.060325	31C	37C	Calmodulin	32918637	24570659	32241173	11784821	16117542	15649253	61023829	18190364	32241173	6880142	12000686	25656992
G3GYM8	1	1	2.030806	0.006223	1.781296	31C	37C	Fatty-acid a	546544.2	636665	552713.4	359975.1	350705.7	263846.8	1013171	471341.3	552713.4	210158.5	261126	432577.6
G3H777	2	2	5.91643	0.006267	2.15609	31C	37C	ADP/ATP tra	9809167	8353202	6171990	3537669	3646546	4102121	18184014	6184115	6171990	2065340	2715119	6725439
G3HWJ2	2	2	6.495037	0.006406	1.836511	31C	37C	Plectin-1 |P	10151375	7955250	7155905	5040866	4425808	4289042	18818390	5889500	7155905	2942928	3295337	7031896
G3HCT4	3	3	10.0093	0.00642	1.823712	31C	37C	Putative ATI	28253905	26199613	20227838	12514710	14962476	13473003	52376454	19396325	20227838	7306261	11140654	22089025
G3HEN3	1	1	2.10634	0.006468	2.729421	31C	37C	Protein HIR	1405251	1126471	1079941	308397.5	441427.6	573408.6	2605023	833958.5	1079941	180046.7	328675.1	940105
G3HXY1	1	1	3.153634	0.006474	1.624786	31C	37C	PDZ and LIN	4748305	4444315	4781366	3243004	2383175	2974329	8802301	3290254	4781366	1893311	1774448	4876421
G3IFE7	1	1	2.724516	0.006558	1.579603	31C	37C	Phosphoglu	3195402	3310513	2921057	1849975	1796747	2321217	5923565	2450868	2921057	1080041	1337809	3805641
G3HSJ6	1	1	2.921243	0.006577	1.843152	31C	37C	Deoxyhypu	3658209	3421727	2535258	1698521	1829521	1688672	6781506	2533203	2535258	991620.1	1362212	2768582

G3I9P1	1	1	3.351493	0.006639	3.068768	31C	37C	LDLR chape	546207	284453.1	304442.4	124824.9	126691.1	118372.7	1012546	210588.8	304442.4	72874.51	94330.77	194072.3
G3I4K5	1	1	3.135222	0.006701	2.396444	31C	37C	RNA-bindin	379274.2	313077.2	373724.8	182327.8	105784.4	156745.3	703089.9	231780	373724.8	106445.5	78764.17	256984.4
G3GS14	3	3	11.31078	0.006729	1.945868	31C	37C	Transmemb	19082866	25686125	18543684	12064690	9366547	11105745	35375387	19016175	18543684	7043533	6974077	18207899
G3H256	1	1	2.204973	0.006806	1.616033	31C	37C	26S proteas	7383987	9307735	8125145	5777116	4930392	4649147	13688269	6890783	8125145	3372760	3671036	7622289
G3H4Z5	2	2	4.678843	0.006821	1.700347	31C	37C	C-1-tetrahy	5539434	3990012	4472439	2572040	2878381	2784299	10268878	2953920	4472439	1501593	2143164	4564866
G3HMG7	2	2	4.638027	0.006946	2.958729	31C	37C	39S ribosor	6010170	5122869	3191270	1440534	1517243	1883596	11141519	3792607	3191270	841003.7	1129698	3088161
G3HBG5	2	2	8.504527	0.006956	1.673395	31C	37C	26S proteas	33692677	38697180	28873571	22346997	19371717	18795032	62458727	28648632	28873571	13046486	14423656	30814505
G3I198	1	1	2.945925	0.006975	14.71847	31C	37C	Rab effecto	521558.9	441052.2	252689.2	20467.89	53457.56	8644.279	966854.2	326523.6	252689.2	11949.44	39803.05	14172.32
G3I2K8	2	2	5.185694	0.007178	1.993077	31C	37C	RRM2 | RRM	2925204	2578235	1916159	1157131	1212299	1353256	5422677	1908742	1916159	675549	902644.9	2218667
G3HSA2	1	1	3.421309	0.007221	3.541081	31C	37C	Myb-bindin	7068521	9677505	6222892	3044292	1420487	2021636	13103466	7164535	6222892	1777300	1057656	3314477
G3IJ29	1	1	2.95267	0.007411	21.52337	31C	37C	Eukaryotic t	1046463	4326183	929454.9	161611	68243.23	62948.47	1939909	3202797	929454.9	94350.73	50812.06	103204.2
G3HSN1	1	1	2.284809	0.007421	4.697664	31C	37C	Protein CW	249559.4	315240.7	166489.4	74192.33	50523.34	30955.2	462627.6	233381.7	166489.4	43314.51	37618.31	50751.13
G3IAS8	2	2	5.176515	0.007568	4.17381	31C	37C	Kinesin-like	1052386	1399749	795065.2	321278.6	305051.8	151663.7	1950890	1036274	795065.2	187566.9	227133.3	248653
G3GUS6	1	1	2.610649	0.007578	2.80182	31C	37C	2',5'-phosp	4957057	3784061	2505010	1307623	1381316	1324926	9189280	2801449	2505010	763408.3	1028491	2172220
G3HFI6	1	1	5.197276	0.007692	2.777317	31C	37C	ATP-depen	40411865	32531882	21102513	10088181	12264814	11509273	74914607	24084286	21102513	5889620	9132048	18869484
G3IDM2	2	2	6.519615	0.007842	1.672711	31C	37C	Cofilin-1 | C	3.85E+08	3.37E+08	2.82E+08	1.81E+08	2.1E+08	2.09E+08	7.13E+08	2.49E+08	2.82E+08	1.05E+08	1.56E+08	3.43E+08
G3HSE5	1	1	2.434687	0.00803	5.025161	31C	37C	Coatomer s	3564743	1780447	1648853	333414.2	384059	674331.4	6608240	1318116	1648853	194651.8	285959.9	1105568
G3HMF9	1	1	3.101587	0.008032	2.876348	31C	37C	Small acidi	1878966	1521365	1194082	541584.6	681305.5	374417.2	3483185	1126310	1194082	316184.6	507281.6	613858
G3IND2	1	1	2.425481	0.008067	2.98258	31C	37C	26S proteas	424302.8	348317.8	219994.5	98228.59	101043.7	133531.9	786563	257869.7	219994.5	57347.21	75234.44	218925.9
G3H2T7	2	2	15.87435	0.008184	1.719721	31C	37C	Histone H3	2.56E+08	2.85E+08	1.99E+08	1.51E+08	1.39E+08	1.4E+08	4.74E+08	2.11E+08	1.99E+08	88343167	1.04E+08	2.3E+08
G3I9F1	2	2	15.23887	0.008198	2.068276	31C	37C	Ras GTPase	12587458	12561817	11467116	7406537	4404768	5892516	23334347	9299873	11467116	4324039	3279671	9660796
G3HI06	1	1	2.682705	0.008432	2.481098	31C	37C	Peptidylpro	3164998	3278952	2191637	1174883	884725.4	1420941	5867201	2427502	2191637	685913	658742.6	2329637
G3IE04	2	2	6.63236	0.008517	1.991785	31C	37C	Pre-mRNA-	7089015	6302121	4883072	2937189	2643888	3593713	13141458	4665641	4883072	1714772	1968568	5891903
G3HDE3	3	3	7.802872	0.008716	1.731621	31C	37C	Proteasome	5000775	7344523	6105915	3439222	3597971	3618263	9270324	5437361	6105915	2007866	2678951	5932153
G3HWJ3	9	9	26.44581	0.008782	1.829443	31C	37C	Uncharacte	17506066	18305221	15062978	8704693	7731586	11372329	32452351	13551880	15062978	5081920	5756729	18644964
G3H168	2	2	4.872267	0.008807	1.600705	31C	37C	PDZ and LIM	4101173	3678307	3174472	1999736	2457016	2386454	7602663	2723156	3174472	1167474	1829428	3912598
G3GXB0	1	1	6.529577	0.008941	2.015656	31C	37C	ARHGDIA |	68235886	59663335	47339406	33501460	23714174	29723130	1.26E+08	44170478	47339406	19558616	17656932	48731152
G3I501	1	1	2.544869	0.008945	1.622393	31C	37C	H1F0 | H1F	25860761	26180286	19455281	15412166	14273929	14382343	47940098	19382017	19455281	8997836	10627981	23579890
G3HQR1	1	1	2.458244	0.00899	2.153646	31C	37C	Guanine nu	3137509	2919464	1907542	1282799	1229087	1186267	5816244	2161363	1907542	748915.7	915145.3	1944888
G3HNZ4	1	1	2.919756	0.009055	6.189414	31C	37C	COMM dom	1.32E+08	1.17E+08	47680343	10967322	15887120	21087065	2.45E+08	86457982	47680343	6402875	11829119	34572299
G3HUP4	1	1	3.889427	0.009099	5.545849	31C	37C	Uncharacte	1401980	3211707	1679008	522906.9	394731.3	217029.5	2598960	2377719	1679008	305280.3	293906.3	355820.4
G3GTF9	1	1	5.343683	0.009126	3.579633	31C	37C	ATP synthas	27764328	17891918	12602224	5739550	6374970	4160467	51468888	13245900	12602224	3350829	4746630	6821096
G3HS67	1	1	5.887322	0.009203	3.750375	31C	37C	Heme oxyg	1135785	620618.3	564798.1	260044	211989.3	146892	2105493	459461.5	564798.1	151817.3	157841.5	240829.9
G3HPJ9	1	1	3.385063	0.009209	1.938088	31C	37C	Regulator o	509349.5	588762.9	623541.8	260376.1	250879.2	377070.9	944220.7	435878.1	623541.8	152011.2	186797.9	618208.8
G3HIC5	2	2	6.251096	0.009235	1.642967	31C	37C	RuvB-like h	12234515	9276984	9442690	5665737	6369253	6805426	22680068	6868017	9442690	3307736	4742373	11157514
G3GWX6	4	4	12.77292	0.009247	1.70902	31C	37C	Leukocyte e	16689617	13887346	12641847	7757072	7717494	9814082	30938836	10281201	12641847	4528686	5746237	16090214
G3GRX4	1	1	5.466506	0.009395	2.550456	31C	37C	Coactosin-l	4001263	2512365	2237329	1051630	1328867	1050637	7417452	1859976	2237329	613956.2	989438.3	1722522
G3GR73	1	1	8.423025	0.009414	1.819143	31C	37C	Rab GDP di	76682360	74412962	57914738	35718671	33688079	45488074	1.42E+08	55090051	57914738	20853055	25083231	74577820
G3HNY0	2	2	5.254943	0.009416	2.811435	31C	37C	Transcriptic	100980.1	94709.56	85381.34	47600.91	30552.13	21821.17	187194.7	70116.2	85381.34	27790.07	22748.29	35775.87
G3GVX1	4	4	10.56961	0.009421	2.699372	31C	37C	Ribosome-l	2627005	2763170	2246471	1236926	604740.3	987379	4869882	2045654	2246471	722134.5	450273.2	1618811
G3HAI5	1	1	3.097554	0.009431	2.750319	31C	37C	NADH dehy	2697726	2556695	1833899	1018863	576884.7	981524.2	5000984	1892794	1833899	594826.2	429532.8	1609212
G3H7Z2	8	8	20.16762	0.009453	1.618878	31C	37C	Transgelin |	53458899	52831703	39703421	29852198	28718981	31611068	99100905	39112825	39703421	17428127	21383376	51826431
G3HX77	1	1	2.677184	0.0095	5.054286	31C	37C	La-related p	1343189	1224400	702167.5	119150.8	198377.1	329399.5	2489974	906458.4	702167.5	69561.91	147706.2	540051.3
G3HJ91	1	1	3.072751	0.009579	1.95994	31C	37C	Peptidyl-tRI	7057571	5887997	5866652	3112949	2502754	3982660	13083166	4359053	5866652	1817383	1863483	6529582
G3HJS0	2	2	5.268217	0.009582	1.80513	31C	37C	Spectrin be	6562757	5017917	4932239	3225603	2552927	3369241	12165891	3714908	4932239	1883151	1900840	5523879
G3GXA9	1	1	4.616355	0.00981	2.159629	31C	37C	Protein disu	4598070	5386290	4051558	2837670	1909023	1752534	8523799	3987625	4051558	1656671	1421407	2873285
G3I2I1	3	3	9.846284	0.009892	1.975913	31C	37C	DNA helicas	9634252	8154178	6192325	3856032	3693268	4587245	17859759	6036772	6192325	2251205	2749907	7520801
G3HQS9	1	1	3.93183	0.00994	2.812581	31C	37C	Antigen pep	4679762	5853592	3469623	1167776	2022121	1788796	8675238	4333582	3469623	681764	1505617	2932736
G3HUJ4	1	1	2.691686	0.010103	1.538354	31C	37C	Amyotrophi	10989386	11466660	8946110	7355837	6916458	6140540	20371877	8489098	8946110	4294440	5149807	10067432
G3H4F5	1	1	3.334472	0.0105	3.587683	31C	37C	Myosin-IXb	1508335	826347.9	978003.2	191441.5	334497.2	397411.2	2796118	611769	978003.2	111766.2	249057.5	651556.7
G3I4K4	1	1	2.167586	0.010646	4.996698	31C	37C	Copper cha	244747	418204.2	296651.3	112165.4	38969.43	40912.46	453706.5	309608.5	296651.3	65483.73	29015.58	67076.1
G3IG23	2	2	5.841734	0.010666	4.07064	31C	37C	Alanyl-tRNA	2670035	2624836	1255586	650807.1	590365.4	368023.2	4949650	1943241	1255586	379950.2	439570.1	603375.1

G3HGB3	2	2	5.270473	0.010728	2.143673	31C	37C	Dolichyl-ph	1987933	2117276	1270114	823400.9	798143.5	885985	3685185	1567480	1270114	480712.9	594276.1	1452575
G3HRX0	1	1	2.103937	0.010767	1.526023	31C	37C	Sorcin (Frag	14762827	14843026	11447099	9304224	9240750	8356951	27366996	10988718	11447099	5431935	6880412	13701244
G3IN81	1	1	2.169096	0.01086	1.540288	31C	37C	Uncharacte	725866.8	540447.5	606507.8	421636.2	373352.9	420901.8	1345596	400108.8	606507.8	246157.1	277988.4	690069.6
G3HG16	1	1	3.23275	0.011009	3.017646	31C	37C	Actin-relate	1132730	584615.9	632784.7	234081.8	323336.1	221378.1	2099830	432807.9	632784.7	136660.2	240747.3	362950
G3IGI9	1	1	3.059114	0.011183	1.506403	31C	37C	STE20-like s	950216.3	1017982	1169164	787535.5	672399.7	622749.6	1761490	753641.1	1169164	459774.1	500650.6	1021000
G3IH63	6	6	17.78399	0.011204	2.401085	31C	37C	Myosin-9 |M	4455858	3838748	2490373	1682784	1284327	1524599	8260169	2841935	2490373	982432.8	956274.8	2499583
G3HKC5	1	1	2.429379	0.011257	1.511283	31C	37C	Splicing fac	87214907	86566304	66194368	52860697	53684318	52244283	1.62E+08	64087518	66194368	30860807	39971889	85654643
G3I9X6	1	1	1.967446	0.011284	9.395211	31C	37C	Spectrin alp	896111.1	581777.3	259810	60407.95	29018.43	95529.38	1661191	430706.4	259810	35267	21606.34	156620.7
G3HNT9	2	2	5.152381	0.011351	2.270895	31C	37C	Proteasome	8566665	10035014	6181363	4460481	3440570	3012285	15880690	7429208	6181363	2604091	2561756	4938649
G3IJF2	1	1	2.283086	0.011455	2.54748	31C	37C	Nuclear frag	6174572	7175217	4360600	1699687	2408995	2843439	11446283	5312019	4360600	992300.9	1793672	4661826
G3HHR3	22	22	87.86343	0.011496	2.389818	31C	37C	Vimentin |V	3.74E+08	2.63E+08	2.12E+08	1.37E+08	97857119	1.2E+08	6.94E+08	1.95E+08	2.12E+08	80146564	72861761	1.97E+08
G3IG05	5	5	20.21277	0.011588	2.551561	31C	37C	Annexin |An	38398485	29350308	19322733	12126207	10530379	11468217	71182249	21728875	19322733	7079447	7840635	18802173
G3GWQ3	3	3	7.720671	0.011703	3.046799	31C	37C	Adenosine k	3226845	1948843	1421505	688047.7	721012.1	756226.5	5981852	1442784	1421505	401691.8	536846.1	1239835
G3I4Z7	2	2	6.127367	0.011787	2.893924	31C	37C	Galectin |L	4012300	5121656	2501196	1083808	1399146	1537591	7437911	3791709	2501196	632742	1041766	2520884
G3HIS0	1	1	2.174563	0.011836	7.914198	31C	37C	26S proteas	1113395	427111.6	391734.1	40223.47	122691.6	81233.55	2063987	316203	391734.1	23483.02	91352.87	133182.6
G3I5B0	2	2	4.654043	0.011866	1.858406	31C	37C	Carnitine O	2651728	1754241	1870855	1047222	1089679	1240630	4915713	1298715	1870855	611382.5	811345.8	2034016
G3HKN1	1	1	3.494609	0.011893	1.54786	31C	37C	Protein SET	3.07E+08	2.89E+08	2.52E+08	1.55E+08	1.9E+08	2.03E+08	5.69E+08	2.14E+08	2.52E+08	90354587	1.41E+08	3.33E+08
G3IB32	1	1	2.639269	0.011958	11.63948	31C	37C	Twinfilin-1 |	409557.2	321606.1	198207	31995.29	6627.961	41223.1	759227.9	238094.2	198207	18679.29	4935	67585.39
G3HP75	2	2	10.09358	0.011999	2.082702	31C	37C	D-3-phosph	8927774	10808111	8651511	5670206	4655621	3304254	16550107	8001554	8651511	3310345	3466450	5417333
G3HGP4	1	1	2.367374	0.012044	2.930546	31C	37C	acetyl-CoA	33708740	53081991	35528287	19897753	10001109	11840461	62488505	39298121	35528287	11616584	7446555	19412467
G3GYP9	1	1	7.648593	0.012068	2.482905	31C	37C	Peroxiredox	81990744	98650951	55302293	34070724	24977899	35978767	1.52E+08	73034129	55302293	19890960	18597867	58987285
G3IEB3	1	1	2.631222	0.01216	1.702832	31C	37C	OCIA doma	976632	755057.7	796945.2	583647.7	421052.3	480258.2	1810458	558990.9	796945.2	340741.6	313504.2	787384.7
G3HLL4	1	1	2.559526	0.012206	1.796408	31C	37C	116 kDa U5	3601036	3196043	4312836	2354280	2162695	1667540	6675519	2366122	4312836	1374461	1610284	2733937
G3H3I9	1	1	2.5986	0.012258	1.538664	31C	37C	Cysteine an	31618052	26925823	23876903	15972435	19182396	18411638	58612834	19933960	23876903	9324929	14282692	30185929
G3GUB3	1	1	2.465065	0.012261	1.617669	31C	37C	Calcium-bi	15565598	11512704	11600333	7675737	7538605	8695762	28855155	8523185	11600333	4481202	5613041	14256726
G3I5H3	1	1	2.110292	0.012271	1.718808	31C	37C	Elongation	14478198	17968593	13472714	9527275	7384398	9804224	26839357	13302665	13472714	5562155	5498223	16074052
G3HXL6	2	2	8.806115	0.012288	1.549067	31C	37C	Annexin |An	29239657	28804980	21640000	17510983	16726652	17202785	54203818	21325153	21640000	10223155	12454212	28204012
G3HAN1	1	1	2.429942	0.012312	2.759511	31C	37C	Charged mu	15375467	17090723	11355356	3913759	4331205	7635221	28502696	12652752	11355356	2284907	3224898	12517965
G3IH96	3	3	7.124814	0.012484	2.637933	31C	37C	Eukaryotic t	5155762	4730525	2785612	1515203	1354476	1934044	9557635	3502143	2785612	884596.4	1008506	3170871
G3IEG2	2	2	5.876016	0.01252	1.822476	31C	37C	Serpin B6 |S	8621213	8558199	5848285	4573457	4150996	3910941	15981811	6335880	5848285	2670047	3090719	6411999
G3IBK4	1	1	7.069443	0.012609	6.481529	31C	37C	60S ribosor	25802733	45790906	23019468	9258240	2753939	2585164	47832526	33900321	23019468	5405089	2050509	4238383
G3HEQ3	1	1	5.109275	0.012626	1.906905	31C	37C	Ran-specifi	7873348	5882496	5903970	2783977	3365690	4160137	14595435	4354980	5903970	1625325	2506002	6820557
G3H4A9	1	1	2.996875	0.012935	1.632897	31C	37C	Mpv17-like	948927.4	654356.9	755158	498674.7	492153.2	453502.3	1759100	484439.2	755158	291133.2	366444	743518.3
G3GUB2	1	1	2.748754	0.013169	1.610475	31C	37C	Cytoplasmi	6240070	6648951	5911872	4760241	3602011	3311876	11567702	4922409	5911872	2779094	2681960	5429829
G3GY75	2	2	4.854356	0.013195	2.313908	31C	37C	Eukaryotic i	11161502	14847893	9686071	6122390	3706890	5597202	20690942	10992321	9686071	3574336	2760050	9176627
G3I9G7	1	1	2.21725	0.01333	7.496529	31C	37C	Proteasome	10402405	11151621	3570981	800297	728858.6	1822396	19283745	8255865	3570981	467224.5	542688.4	2987824
G3IEE6	1	1	2.484717	0.013334	2.612772	31C	37C	Spermidine	9192168	6677652	4610241	2292259	2442491	3103691	17040234	4943657	4610241	1338253	1818613	5088510
G3HHA9	1	1	3.17484	0.013385	2.310843	31C	37C	Annexin |An	674432.1	684939.6	603882.8	292442.7	371405.3	185735.5	1250247	507080.4	603882.8	170732.1	276538.4	304513.8
G3HWE6	1	1	2.885848	0.013428	1.781709	31C	37C	Ubiquitin ca	4217519	3708153	2725629	1912641	2114616	1950882	7818343	2745252	2725629	1116626	1574486	3198476
G3HQ88	1	1	3.680693	0.013488	1.566762	31C	37C	Bcl-2-like p	10629509	10322999	10175347	5440635	7919423	6507575	19704745	7642413	10175347	3176318	5896588	10669187
G3GYD3	1	1	2.212811	0.013588	2.110449	31C	37C	Nuclear por	5313201	3992727	3533723	2270778	1537636	2275435	9849492	2955930	3533723	1325712	1144882	3730582
G3H8Z9	1	1	3.073089	0.013651	8.013429	31C	37C	Sodium/pot	41107126	17593405	10181213	2147409	2117887	4330493	76203466	13024902	10181213	1253687	1576921	7099855
G3GXU1	1	1	2.147433	0.013686	7.361936	31C	37C	Protein pho	835606.4	1132067	408668.5	66544.97	198775.4	57467.29	1549028	838101.8	408668.5	38849.87	148002.8	94217.78
G3H4Z8	5	5	12.08599	0.013732	1.948304	31C	37C	HSPA2 |HS	21681710	15538641	14553275	8463052	7560848	10549795	40193066	11503702	14553275	4940847	5629602	17296417
G3GXQ4	2	2	5.436815	0.013842	4.307372	31C	37C	Trifunctiona	1577857	1137728	699904	415388.2	192614.3	184937.9	2924996	842293	699904	242509.4	143415.4	303206.2
G3HF60	1	1	2.4505	0.013843	1.940492	31C	37C	Glutathione	1053522	837727.2	1091645	547314.1	384085.7	605785	1952995	620193.5	1091645	319529.6	285979.8	993186.1
Q15819	1	1	2.932602	0.014144	1.847764	31C	37C	Ubiquitin-c	1218346	998488.7	1263945	610611	494198.9	778970.2	2258542	739209.8	1263945	356483.1	367967.1	1277124
G3H5P2	1	1	5.116166	0.014155	2.170128	31C	37C	Four and a h	3194690	2588601	2890412	896325.6	1589830	1510706	5922244	1916416	2890412	523287.3	1183744	2476806
G3H6U1	2	2	8.138783	0.014184	1.848259	31C	37C	Nucleolar R	12213575	11987446	10009984	6914768	4606804	6988277	22641250	8874650	10009984	4036937	3430102	11457300
G3H543	1	1	3.49985	0.01427	2.012789	31C	37C	Spermine s	3222801	5355514	4544275	1994118	2477913	2047576	5974356	3964841	4544275	1164193	1844987	3357006
G3H2G5	1	1	2.216836	0.014407	2.42642	31C	37C	Serine/thre	18288222	16003545	9755574	5718561	5393731	7040928	33902295	11847883	9755574	3338575	4016026	11543621
G3IPH0	1	1	2.058095	0.014589	2.230982	31C	37C	Pre-mRNA-	2471659	2862993	2774866	1643574	1165657	825723.2	4581905	2119556	2774866	959541.1	867917	1353775

G3GVN0	1	1	2.027874	0.014665	1.877088	31C	37C	Phosphoma	9151179	6887243	5681029	4278701	3732498	3559626	16964251	5098824	5681029	2497965	2779117	5836017
G3I1J6	1	1	3.594478	0.014787	3.508367	31C	37C	[Protein AD	1282932	852235.4	872389.1	189840.2	197534.1	469878.2	2378270	630934.3	872389.1	110831.3	147078.6	770366.6
G3GSQ5	1	1	2.068513	0.014841	3.877818	31C	37C	Poly [ADP-r	369583.4	537507.1	594086.1	177331.5	63394.36	146393	685125.5	397931.9	594086.1	103528.6	47201.73	240011.7
G3HBD4	1	1	2.444524	0.014891	13.65188	31C	37C	Nucleoside	5336954	3965855	3432158	336324.9	544403.1	52108.18	9893526	2936037	3432158	196351.1	405347.8	85431.5
G3I6Z3	1	1	2.754689	0.014891	2.15132	31C	37C	Mitochondr	3651846	3828427	2754129	1347767	1282179	2127321	6769711	2834294	2754129	786844.9	954675.6	3487749
G3H134	1	1	2.836126	0.014929	2.152486	31C	37C	MKI67 FHA	2255537	2068193	1755340	1146263	641966.7	1035980	4181265	1531143	1755340	669204	477991	1698493
G3IPS2	1	1	2.016485	0.014971	1.92094	31C	37C	Vesicle-fus	3858511	3547689	2611081	2036291	1763175	1415315	7152820	2626456	2611081	1188815	1312813	2320413
G3I8Z5	1	1	3.256625	0.015057	1.813637	31C	37C	Sulfiredoxir	1918794	2616332	1906983	1323786	958722.2	1269532	3557018	1936945	1906983	772844.5	713838.6	2081401
G3IFV3	1	1	2.377459	0.015093	6.400895	31C	37C	Exportin-1 |	8956482	9319337	3546931	1817174	1022756	569397.4	16603325	6899373	3546931	1060891	761516.7	933528.5
G3IDD9	3	3	18.68212	0.015473	1.7045	31C	37C	40S ribosor	81178225	55308913	55716499	36642665	38622978	37496824	1.5E+08	40946775	55716499	21392495	28757624	61476145
G3H3X1	1	1	2.502806	0.015547	1.77084	31C	37C	Apoptosis-i	365211.5	374469.8	258192.3	212917.2	167196.6	183389.2	677020.8	277230.8	258192.3	124304	124490.1	300667.1
G3GUC8	1	1	3.254709	0.015698	1.768528	31C	37C	Obg-like AT	12798445	10569749	12107452	5972204	8544515	5542706	23725469	7825088	12107452	3486655	6362015	9087281
G3HTF8	1	1	4.015023	0.015945	2.656587	31C	37C	Proto-onco	2513645	3120617	1957142	1306508	630701.5	920367.7	4659739	2310282	1957142	762757.5	469603.3	1508945
G3IB40	1	1	3.656764	0.016244	6.203812	31C	37C	SH3 and PX	4338576	4492544	3163047	1090681	638906.9	203766.7	8042755	3325959	3163047	636754.5	475712.8	334076.1
G3HUI7	1	1	3.039762	0.016304	8.53195	31C	37C	Protein ERC	1573130	979138.9	603704.5	199285.9	132765	37849.71	2916234	724884.6	603704.5	116345.9	98853.21	62054.71
G3I1L1	1	1	3.396916	0.016474	1.525153	31C	37C	Anthrax toxi	1791597	1985784	1905144	1504182	1061291	1160398	3321223	1470133	1905144	878162.3	790208.8	1902476
G3HZD7	1	1	2.471807	0.016535	3.495558	31C	37C	Helicase SI	4703002	2676741	2062083	878740.2	621510.9	1200841	8718320	1981668	2062083	513020.7	462760.2	1968782
G3I6H5	2	2	7.766062	0.016536	1.715078	31C	37C	Fermitin far	9956390	11748068	9779821	5467607	5158108	7731627	18456931	8697432	9779821	3192065	3840587	12676023
G3I5V3	1	1	2.394658	0.016563	1.706054	31C	37C	Short/branc	7581486	6993164	4964320	3924604	3739145	3788980	14054388	5177240	4964320	2291238	2784066	6212043
G3HRA9	1	1	2.981366	0.016585	1.698758	31C	37C	Serine/thre	11125889	7842675	7383997	5133213	5008169	5371460	20624924	5806157	7383997	2996841	3728947	8806523
Q60459	1	1	2.745253	0.016627	2.000669	31C	37C	Nucleolar t	1027075	737597.7	727237.4	497598.6	315049.1	432890.6	1903968	546064.7	727237.4	290504.9	234577.1	709725.2
G3IDU3	2	2	8.47121	0.016652	2.170338	31C	37C	MICOS com	4219288	2495988	2739386	1226630	1389384	1740294	7821621	1847852	2739386	716123.8	1034498	2853217
G3HVG9	1	1	2.35713	0.016743	1.928538	31C	37C	Matrin-3 | M	986523.3	904546.9	881869.4	611602.1	341406.5	484836.7	1828795	669662	881869.4	357061.7	254202	794891.1
G3HHC3	1	1	3.697024	0.016767	1.509447	31C	37C	Importin su	1497105	1568219	1424321	1118950	801225.8	1054187	2775300	1160997	1424321	653258.6	596571	1728343
G3HEK9	1	1	3.245998	0.016788	2.319482	31C	37C	Opioid grov	1280794	836251.1	769849.1	384790.8	328962.4	530875.6	2374308	619100.7	769849.1	224646.2	244936.5	870372
G3HJN1	2	2	5.706271	0.016936	1.840854	31C	37C	Calcium-bi	563370.8	365982.7	380925.3	244309.8	209781.1	257686.8	1044364	270947.5	380925.3	142631.4	156197.3	422478.2
G3HBD6	1	1	2.656895	0.017123	1.619398	31C	37C	C-jun-amin	522998.1	542645.9	507107.6	408156.6	290084.3	272954.6	969522.1	401736.3	507107.6	238287.5	215988.9	447509.8
G3H7U0	2	2	5.361103	0.017166	2.145306	31C	37C	3-hydroxya	16949674	11048123	11409231	5021217	5482971	7864765	31420924	8179242	11409231	2931456	4082472	12894304
G3HZ50	1	1	3.245704	0.017245	1.823068	31C	37C	Succinyl-C	6142859	5106184	3793477	2501937	2784005	2965268	11387493	3780255	3793477	1460666	2072895	4861564
G3GSW3	1	1	2.47922	0.017434	1.669349	31C	37C	Coatomer s	5873370	6345998	4755669	4094429	3074305	2999925	10887921	4698125	4755669	2390384	2289044	4918385
G3HI96	1	1	2.75182	0.017459	1.594012	31C	37C	Coronin | C	14301886	17750550	12091361	9734195	8634755	9324558	26512514	13141242	12091361	5682958	6429205	15287637
B2Z3Z4	1	1	2.165576	0.018465	2.084094	31C	37C	Bcl-xL | BCI	949538.6	955051.5	604874.6	399755.3	479949.2	324399.2	1760233	707052	604874.6	233382.7	357357.2	531853.4
G3H6M5	4	4	16.69818	0.018485	1.749353	31C	37C	Fumarate h	18187520	14952160	12725750	7457702	8224668	10536147	33715616	11069513	12725750	4353910	6123865	17274041
G3HHV6	1	1	2.644633	0.018549	1.928324	31C	37C	Protein FAM	14135606	8628531	9098801	5329354	6094011	5100283	26204269	6387949	9098801	3111350	4537436	8361927
G3H5A2	1	1	3.069137	0.018559	1.692085	31C	37C	U2 small nu	800433.1	577033.1	567817.9	428272.7	330279.6	391084.8	1483825	427194.1	567817.9	250031.5	245917.3	641184.5
G3HT18	1	1	4.725251	0.018758	1.833247	31C	37C	Nucleosom	42162241	61204389	41643663	24167751	23507927	31424590	78159414	45311365	41643663	14109468	17503366	51520700
G3I6W3	1	1	2.060249	0.018879	1.868736	31C	37C	Tapasin | TA	738826.7	517408	599601.9	342826.1	254989.6	395281.6	1369620	383052	599601.9	200146.6	189858.4	648065.2
G3H7A8	1	1	5.129573	0.018961	1.74483	31C	37C	Kinectin | K	7427924	5761955	5459448	3921563	2813222	3953550	13769719	4265740	5459448	2289463	2094649	6481856
G3IMJ8	1	1	2.925655	0.01945	1.945677	31C	37C	Nucleolar p	807707.3	773810.5	530601.1	301478.4	442815.5	341250.3	1497310	572874.1	530601.1	176007.3	329708.4	559480.7
G3I783	1	1	2.574271	0.019845	1.940903	31C	37C	Heterogene	9371673	6326492	5618322	3206170	4144060	3632537	17372997	4683683	5618322	1871806	3085555	5955554
G3I3Y6	1	1	2.870848	0.0199	1.813972	31C	37C	Glutathione	3017130	4236574	2832242	1574833	1803193	2182119	5593088	3136457	2832242	919409.4	1342609	3577589
G3H4T5	1	1	2.808597	0.020002	2.015091	31C	37C	Glypican-1	2935162	1798227	1929424	1295765	913751.7	1096941	5441138	1331279	1929424	756485.5	680354.8	1798438
G3IBG3	1	1	4.770763	0.020071	24.34352	31C	37C	Ubiquitin ac	1080271	1009013	340644	66769.09	3278.316	29770.85	2002582	747001.1	340644	38980.72	2440.946	48809.39
G3HSK8	1	1	2.750441	0.020088	2.075132	31C	37C	39S ribosor	1258178	762247.2	747288.4	406008.2	519340.8	408404.1	2332382	564313.5	747288.4	237033.2	386687.1	669579.6
G3HPZ5	2	2	5.185843	0.020267	1.631403	31C	37C	Macrophag	16289815	21696302	16932169	13054191	11240558	9368472	30197693	16062395	16932169	7621217	8369415	15359635
G3HV18	1	1	2.178932	0.020389	8.685593	31C	37C	60S ribosor	37972973	36183921	10750291	4997634	3502789	1275212	70393444	26787994	10750291	2917688	2608082	2090713
G3I905	1	1	3.032683	0.020527	1.730736	31C	37C	E3 ubiquitir	1266955	1658253	1389457	1022507	656687.5	813770.9	2348653	1227653	1389457	596953.8	488951.7	1334180
G3HAU8	1	1	2.308808	0.020541	2.115319	31C	37C	Transcriptic	5352836	4757256	2890615	2015716	1924394	2205870	9922966	3521933	2890615	1176803	1432852	3616530
G3IJG2	1	1	2.121593	0.020715	1.809592	31C	37C	Fatty acyl-C	4053388	2479087	3455192	1655518	1853009	2010767	7514080	1835339	3455192	966514.5	1379700	3296658
G3IH46	1	1	7.077172	0.020861	3.235488	31C	37C	Prothymosi	12779524	9196808	5997580	3776996	3117783	1751186	23690394	6808661	5997580	2205062	2321417	2871075
G3I854	1	1	2.773403	0.021027	10.35876	31C	37C	Ubiquitin-a	1383643	1223802	328420.6	40330.18	60881.08	182207.5	2564966	906015.8	328420.6	23545.32	45330.4	298729.6
G3HYU7	1	1	2.699368	0.021097	2.005132	31C	37C	Exportin-5 |	3209004	5501240	3892426	2464726	2049121	1771361	5948780	4072726	3892426	1438941	1525720	2904151

G3HAN5	4	4	11.67156	0.021236	2.130982	31C	37C	Eukaryotic t	2153654	4115088	2974024	1624885	1401261	1311182	3992395	3046518	2974024	948630.3	1043341	2149686
G3HN65	1	1	2.455328	0.021344	2.33426	31C	37C	Ras suppre	2083200	2385673	1430279	729451.3	645425.2	1152328	3861789	1766182	1430279	425863.8	480566.2	1889245
G3HRT6	2	2	4.819199	0.021399	1.683436	31C	37C	Solute carri	5509980	4246846	4546496	2255670	3433968	2806866	10214276	3144062	4546496	1316891	2556840	4601864
G3HHJ3	1	1	2.787938	0.021893	1.87889	31C	37C	Cytoskeletc	550532.6	720596.2	841984.3	415167.5	418726.2	290766.5	1020565	533478	841984.3	242380.6	311772.2	476712.5
G3GY31	1	1	3.551101	0.022119	1.505768	31C	37C	Cleavage ar	2727514	3077321	2218059	1772854	1951287	1603966	5056204	2278229	2218059	1035017	1452876	2629706
G3GTA2	1	1	2.269928	0.022218	1.736664	31C	37C	B-cell recep	338409.5	394970.6	354814.3	274585.5	167278.2	184736.6	627335.9	292408	354814.3	160306.8	124550.8	302876.1
G3HQ89	1	1	2.442711	0.022291	2.290315	31C	37C	V-type prot	3021577	3557040	1802285	1075188	1177689	1406402	5601331	2633379	1802285	627709.8	876875.4	2305800
G3HFP5	1	1	2.989411	0.023045	1.640437	31C	37C	RNA helicas	6210811	8068220	7508063	4112752	3701168	5467358	11513463	5973134	7508063	2401081	2755789	8963747
Q99816	1	1	3.301117	0.023143	1.617927	31C	37C	HUMAN Tu	587152.2	542126.3	422342.9	379510	291862.1	287646.1	1088450	401351.7	422342.9	221563.2	217312.6	471596.6
G3HZ17	1	1	2.306606	0.023177	1.910229	31C	37C	Protein pho	1967841	1234919	1296832	697290.5	944854.9	713379.4	3647939	914245.9	1296832	407087.9	703513.4	1169587
G3I5S9	1	1	3.128788	0.023274	4.254456	31C	37C	Pleckstrin-l	740794.7	823577.1	743550.2	294697.3	63598.5	184175.9	1373269	609717.7	743550.2	172048.3	47353.72	301956.9
G3I1V4	2	2	5.651607	0.023852	2.449897	31C	37C	Bifunctiona	2591881	2228976	1547557	604539.8	765508.7	1229413	4804771	1650175	1547557	352938.7	569977	2015626
G3IKN5	1	1	2.046517	0.024171	1.620894	31C	37C	Glutathione	4087031	2748779	3587882	2078946	1932325	2419559	7576447	2035000	3587882	1213717	1438757	3966874
G3HSF3	1	1	7.063176	0.024291	1.688791	31C	37C	Proteasome	45270564	45612444	31322376	22466067	21935367	27961225	83921554	33768201	31322376	13116001	16332480	45842504
G3HDB3	1	1	2.225813	0.024396	1.500942	31C	37C	Splicing fac	3335748	4323328	3820650	2866874	2648724	2132749	6183735	3200684	3820650	1673721	1972168	3496648
G3HW17	1	1	3.401979	0.024652	1.955914	31C	37C	Cell division	3410614	3712205	2075470	1587170	1507826	1607812	6322519	2748252	2075470	926612.1	1122686	2636012
G3H605	1	1	3.132814	0.024682	1.710436	31C	37C	Heterogene	16569717	15722040	15375869	11527277	6728312	9613110	30716569	11639477	15375869	6729784	5009719	15760720
G3H7V9	1	1	6.081677	0.024765	2.339048	31C	37C	DNA helicas	1493934	1048311	802282.1	635911.2	378706.8	415248.6	2769421	776094.8	802282.1	371253.8	281974.8	680801.2
G3IB71	1	1	2.225591	0.02511	8.606246	31C	37C	Glutaminyl-	1095431	703087.5	694917.9	161629.6	16954.41	111140	2030685	520515.8	694917.9	94361.61	12623.8	182214.3
G3I7W5	1	1	2.859099	0.025284	1.690141	31C	37C	Myosin-XVI	4043909	4572601	2829041	2179670	2298657	2293622	7496507	3385228	2829041	1272522	1711518	3760399
G3HKD0	1	1	3.160527	0.025494	1.551889	31C	37C	Peptidyl-pr	931458.5	993226.9	1301475	733490	598171.8	747199.1	1726717	735314.3	1301475	428221.6	445382.5	1225035
G3I668	1	1	4.731288	0.025582	1.854274	31C	37C	Guanine nu	8782109	11191155	9073669	6938538	3899838	4826481	16280077	8285133	9073669	4050814	2903714	7913029
G3IKS9	2	2	5.923953	0.025636	2.593528	31C	37C	Glutaredoxi	2808962	3397210	1461067	968738.5	936010.3	1051549	5207191	2515052	1461067	565563	696927.9	1724017
G3HBN7	1	1	2.958621	0.025801	1.653651	31C	37C	28S ribosor	1130984	827097.3	1213555	596255.7	746861.6	574843	2096594	612323.8	1213555	348102.3	556092.9	942456.7
G3I9S5	1	1	3.176217	0.025945	1.893431	31C	37C	Surfeit locu	629598.3	691009.3	571126.2	421950.2	225906	351247.5	1167135	511574	571126.2	246340.3	168203.5	575871.2
G3H723	1	1	1.958682	0.025987	1.582955	31C	37C	2-oxoisoval	1451362	1866693	1395985	992639.1	1158242	827118.8	2690503	1381966	1395985	579516.5	862395.3	1356063
G3HE28	1	1	3.200915	0.026569	1.858863	31C	37C	Mitochondr	2331638	2818143	2457934	1685175	1477289	930207	4322338	2086352	2457934	983828.3	1099949	1525077
G3I1H5	1	1	2.247793	0.02746	4.42387	31C	37C	LGMN | LGI	2403890	3352491	1660685	1009765	223290.3	443546.2	4456278	2481945	1660685	589514.7	166255.9	727195.2
G3GVA5	1	1	2.00584	0.027615	2.356581	31C	37C	Phosphoinc	2003641	2033970	1025449	659867.1	645237.3	843372.6	3714305	1505806	1025449	385239.5	480426.2	1382712
G3HZ42	2	2	5.93393	0.027638	3.251993	31C	37C	T-complex p	5922264	3151657	2382782	811678.5	1066197	1645104	10978560	2333262	2382782	473869.1	793861.5	2697152
G3IEX0	2	2	4.936114	0.02774	1.803575	31C	37C	Prolyl 3-hyd	1831400	2626224	1637306	1347237	1004628	1027496	3395008	1944269	1637306	786535.4	748018.6	1684582
G3H8M2	1	1	3.332766	0.028304	2.063693	31C	37C	Protein qua	4986074	3568657	2805293	1388942	2077758	2038006	9243073	2641979	2805293	810883.6	1547043	3341316
G3GXB1	1	1	3.534759	0.028522	1.694027	31C	37C	THO compl	4937042	4413895	3064822	2230004	2641007	2458128	9152178	3267733	3064822	1301907	1966422	4030108
G3HHX7	1	1	3.281178	0.028563	2.734215	31C	37C	Superkiller	16263649	8876896	6538693	3461380	3603732	4521115	30149186	6571821	6538693	2020801	2683242	7412379
G3IGH5	1	1	3.021642	0.028692	6.200693	31C	37C	UPF0378 p	220032.4	106393.7	140991.7	6836.822	54013.1	14531.61	407891	78766.31	140991.7	3991.432	40216.69	23824.62
G3GUB4	1	1	2.182683	0.028772	1.537816	31C	37C	Histone ace	8307306	7306148	6041116	5386967	4735333	3959075	15399897	5408951	6041116	3144986	3525801	6490914
G3HKG8	2	2	6.429562	0.028818	1.988252	31C	37C	40S ribosor	27295100	19359799	16388321	12461911	11337526	7908428	50599042	14332615	16388321	7275436	8441615	12965889
G3HH39	6	6	24.15495	0.028883	1.87938	31C	37C	Elongation	4.42E+08	5.25E+08	3.38E+08	2.55E+08	1.72E+08	2.67E+08	8.18E+08	3.89E+08	3.38E+08	1.49E+08	1.28E+08	4.38E+08
G3IEN3	1	1	2.292789	0.028919	1.649286	31C	37C	39S ribosor	2014246	2079537	2271464	929924.9	1497139	1432330	3733964	1539541	2271464	542903	1114729	2348310
G3H9W7	1	1	2.453512	0.029179	1.542583	31C	37C	Thyroid hor	874367.4	657064.1	735685.4	588314.9	416816	464558	1620883	486443.4	735685.4	343466.4	310349.9	761644.1
G3GRX2	1	1	2.807612	0.029242	5.18451	31C	37C	Ubiquitin ca	2009760	1038366	538597.6	280522.5	121608.3	289684.5	3725648	768732.1	538597.6	163772.9	90546.27	474938.6
G3I5S7	1	1	2.651393	0.029558	1.679167	31C	37C	Coatomer s	309020.2	229601.9	217259.2	176559	153205.7	120388	572854.7	169980.9	217259.2	103077.6	114072.8	197376.4
G3H832	2	2	6.600262	0.029599	2.030415	31C	37C	Translation	1.26E+08	2.48E+08	1.77E+08	99605460	88244521	83428818	2.33E+08	1.84E+08	1.77E+08	58151047	65704481	1.37E+08
G3HKD6	2	2	10.45611	0.029748	1.895811	31C	37C	Histone-bir	14822902	10634590	8900152	5073712	7509965	5539248	27478363	7873092	8900152	2962103	5591717	9081612
G3I2J8	1	1	3.08002	0.029846	533.6496	31C	37C	Mitochondr	4876518	5703791	685369	0	21110.63	0	9039979	4222680	685369	0	15718.4	0
G3I1H8	1	1	2.476416	0.030177	1.534386	31C	37C	NADH dehy	4732370	3523572	3744170	2398451	2306810	3115533	8772761	2608602	3744170	1400249	1717589	5107924
G3HF76	1	1	2.676399	0.03027	2.002076	31C	37C	DAZ-associ	1511158	2065371	1313634	1097043	630747.7	714755.6	2801351	1529053	1313634	640468.6	469637.7	1171844
G3HQV4	1	1	3.614998	0.030434	3.003884	31C	37C	3-ketoacyl-	643408.6	1086017	637144.5	132399.6	331462.7	323974.5	1192736	804009.4	637144.5	77296.74	246798.1	531157
G3H7M8	1	1	2.544	0.030936	3.768579	31C	37C	Heterogene	685420.2	738061	477448.5	247146.2	195373.6	61895.65	1270617	546407.7	477448.5	144287.4	145469.9	101478.1
G3I863	1	1	1.948492	0.031368	8.542556	31C	37C	Ephrin type	847798.3	613572	692839.5	152390	88430.54	11353.4	1571629	454245	692839.5	88967.38	65842.98	18613.93
G3H170	1	1	2.033372	0.031771	1.775847	31C	37C	Drebrin | DE	8291300	7737646	7633014	6087304	4013541	3223477	15370226	5728401	7633014	3553852	2988374	5284900
G3GUG7	1	1	2.726628	0.031936	2.188307	31C	37C	Protein DEK	3416016	2953974	2220913	1691642	1412593	821585.9	6332533	2186911	2220913	987604.2	1051779	1346992

G3I1D1	1	1	2.280657	0.031985	1.633426	31C	37C	Guanine nu	1304699	981352.9	1127371	833684.7	533754.5	722292.8	2418622	726523.7	1127371	486716.7	397419.2	1184201
G3IBL5	1	1	2.09322	0.032811	2.131887	31C	37C	NF-kappa-E	337260.4	173645.4	230858.4	93916.91	109638.2	144382.7	625205.8	128554.6	230858.4	54829.99	81633.64	236715.9
G3HAT2	1	1	3.693745	0.033113	2.312027	31C	37C	NMDA rece	5788425	9603450	5691651	4323675	2598955	2196438	10730453	7109709	5691651	2524221	1935111	3601066
G3H1U2	4	4	15.68507	0.033547	1.745212	31C	37C	Heterogene	48016202	33643213	33310114	20239403	27644085	17993641	89011356	24907036	33310114	11816044	20583037	29500623
G3H3L4	1	1	2.493714	0.033801	2.019224	31C	37C	NADH-cyto	5653302	5943206	3739996	3257574	1815650	2522021	10479964	4399926	3739996	1901817	1351884	4134860
Q6E6J6	1	1	3.41465	0.034137	1.613649	31C	37C	Chromobo	3770941	2610201	2339628	1787372	1788227	1828778	6990485	1932407	2339628	1043492	1331466	2998286
G3HUZ5	1	1	2.067464	0.034227	1.563171	31C	37C	Pleckstrin-l	626163	518734.6	500487.5	445018.3	307669.7	299906.3	1160767	384034.1	500487.5	259807.8	229082.6	491697.2
G3GYZ1	1	1	7.361625	0.034241	12.08763	31C	37C	CD44 antig	22215359	4249267	2622954	673909	955981	776502.1	41182334	3145854	2622954	393437.4	711797.5	1273077
G3I3Y5	1	1	2.75721	0.034502	2.100046	31C	37C	NADH dehy	520920.8	250603.5	313849.8	164316.3	164754.4	187762.8	965671.2	185529	313849.8	95930.15	122671.6	307837.6
G3H2J8	1	1	2.749479	0.035219	3.858586	31C	37C	Heterogene	401562.5	301880.3	119845.8	97507.82	58120.2	57737.35	744407.6	223490.6	119845.8	56926.42	43274.73	94660.54
G3HRK8	1	1	3.017351	0.035239	628.7662	31C	37C	Partner of Y	1536021	16977.67	662233.2	0	0	3523.14	2847441	12569.05	662233.2	0	0	5776.198
G3HL16	2	2	5.544781	0.035241	1.401579	31C	37C	Splicing fac	5357562	4880287	4116744	3392316	3869438	2979976	9931728	3613016	4116744	1980481	2881079	4885678
G3GY22	1	1	2.471104	0.035586	1.671114	31C	37C	Ras-related	2609209	2529484	1648485	1307934	1244010	1509525	4836894	1872650	1648485	763590	926256.4	2474870
G3IIU8	1	1	2.739132	0.035625	2.470922	31C	37C	Acyl carrier	17078139	21840722	9850296	8493922	4999420	6243886	31659071	16169313	9850296	4958870	3722432	10236868
G3HEN4	1	1	4.225326	0.035629	1.664834	31C	37C	39S ribosor	880063.5	742501.8	705887	621551.8	385214.3	391843.6	1631442	549695.4	705887	362870.5	286820.1	642428.6
G3H6A8	1	1	2.921886	0.035787	2.206103	31C	37C	Uncharacte	1730982	1984473	1040072	926875.7	542566.2	686180.8	3208855	1469162	1040072	541122.9	403980.1	1124995
G3HSN6	1	1	2.229095	0.035815	1.612225	31C	37C	Double-stra	449585	361583.2	275750.8	243060.6	209927.4	221185.4	833430.5	267690.4	275750.8	141902.1	156306.3	362634.1
G3I7Z7	1	1	3.393632	0.036173	2.125091	31C	37C	Ras GTPase	391553.7	197693	250189.3	120274	164673.1	110064.8	725853.5	146357.8	250189.3	70217.61	122611.1	180451.5
G3HFY1	1	1	2.701828	0.036226	1.957144	31C	37C	Protein pho	325893.3	288722.3	185436.3	161947.5	141168.6	105669.2	604133.7	213749.4	185436.3	94547.22	105110.3	173245
G3IF39	1	1	3.309721	0.036295	1.565167	31C	37C	Carbonyl re	82088323	70487099	54094230	46466399	37941306	47635525	1.52E+08	52183622	54094230	27127727	28250069	78098571
G3HFT8	1	1	2.887638	0.036581	1.992442	31C	37C	Clathrin int	308755.5	236590.4	193244.6	168769.6	111598	90328.44	572364.1	175154.7	193244.6	98530.04	83092.86	148093.7
G3H5G6	3	3	12.59591	0.036644	1.571884	31C	37C	Thioredoxin	4061178	2881138	3247643	2182825	1758263	2541552	7528521	2132989	3247643	1274364	1309155	4166882
G3GUQ4	1	1	2.369554	0.036994	1.687031	31C	37C	GRCC10 |	1496239	2365944	1820986	906967.6	1216356	1245415	2773694	1751577	1820986	529500.3	905666.1	2041862
G3HUW4	1	1	2.793314	0.0372	1.679277	31C	37C	Coiled-coil	952312.9	625921.7	791564.3	511267.1	531626.1	368308.3	1765376	463387.8	791564.3	298484.8	395834.4	603842.4
Q9EPP7	1	1	2.524906	0.037255	2.212889	31C	37C	cathepsin X	2000425	2183994	1595021	1119363	1002838	489516.2	3708342	1616873	1595021	653499.9	746685.8	802563.1
G3GU60	1	1	5.342238	0.037285	3.864002	31C	37C	Phosphatid	58211027	1.18E+08	33922689	21778291	11997302	20685232	1.08E+08	87583118	33922689	12714468	8932866	33913494
G3HB62	1	1	2.557224	0.037359	1.931856	31C	37C	ATP-binding	755374.2	651069	837480.9	520297.7	248486.5	392753.8	1400296	482005.1	837480.9	303757	185016.3	643920.9
G3I7T3	1	1	2.955086	0.038342	2.571739	31C	37C	Pre-mRNA :	460697.2	1005006	418714.3	276501.7	221769.4	234469.4	854030	744034.7	418714.3	161425.5	165123.5	384413.2
G3IED5	2	2	8.068339	0.03841	1.823756	31C	37C	Peptidyl-pr	44833067	33516513	25837309	15141102	21378097	20608449	83110531	24813236	25837309	8839585	15917552	33787607
G3HA24	2	2	9.477901	0.038447	1.659139	31C	37C	Heat shock	1.09E+08	77111845	64783263	54612774	49562706	47139296	2.02E+08	57088111	64783263	31883694	36903049	77285003
G3IFU4	1	1	2.994467	0.038624	1.715221	31C	37C	von Willebr	1567063	1160549	1154600	643318.8	622893.7	997175.8	2904985	859187.8	1154600	375578.5	463789.8	1634872
G3H8D0	2	2	5.481348	0.039424	2.014233	31C	37C	Guanine nu	4066360	4956049	2631786	1759835	2436138	1589949	7538127	3669105	2631786	1027416	1813883	2606726
G3HNK4	1	1	2.593665	0.040558	2.44846	31C	37C	Dihydropyri	616989.8	1131424	1170871	482773.5	463282.4	246238.4	1143762	837625.5	1170871	281849.9	344947.5	403708.5
G3IJQ6	1	1	3.084349	0.040675	2.020553	31C	37C	Pre-mRNA-	2290382	4258883	2148503	1405349	1404372	1494926	4245859	3152973	2148503	820462.4	1045657	2450935
G3IGI6	1	1	3.877283	0.040804	1.53207	31C	37C	Cytosolic p	6837340	7700266	5904682	4762008	3430253	5150659	12674907	5700728	5904682	2780126	2554074	8444520
G3HL13	3	3	8.741942	0.040832	1.558295	31C	37C	60 kDa heat	20013500	27067192	16968847	13381457	14848365	12872500	37100576	20038619	16968847	7812280	11055691	21104499
G3HJ27	1	1	3.829572	0.040864	1.500567	31C	37C	Coiled-coil	1998961	1329469	1575424	1005114	1040075	1222811	3705629	984244	1575424	586799.3	774411.9	2004803
G3HLP4	1	1	3.04326	0.04099	1.508786	31C	37C	Eukaryotic t	33096031	33489738	22527544	20757299	19365560	18940077	61352679	24793414	22527544	12118398	14419071	31052308
G3I8T3	1	1	2.540511	0.041687	1.540592	31C	37C	Wiskott-Ald	1727851	1555821	1412437	958215.4	1291513	798519.8	3203051	1151819	1412437	559419.4	961625.8	1309175
G3HYT5	2	2	7.948061	0.041706	1.667803	31C	37C	2'-deoxynuc	5004932	3650042	2891788	2382893	2108621	2431822	9278031	2702231	2891788	1391166	1570022	3986979
G3HFL6	1	1	5.42143	0.042374	1.569247	31C	37C	ATP-binding	17379317	14362249	10655855	9491438	8388995	9137260	32217387	10632785	10655855	5541233	6246218	14980562
G3GYN0	1	1	2.151937	0.042683	1.506436	31C	37C	Cytochrom	11158824	10082678	7473204	5969250	5900762	7191340	20685978	7464496	7473204	3484931	4393548	11790221
G3H6Z4	1	1	2.341795	0.042885	10.96251	31C	37C	Alpha-1,4 g	590502.5	682487	145734	6347.286	31847.57	91221.13	1094660	505264.7	145734	3705.633	23712.84	149557.3
G3H1B3	5	5	13.49564	0.042951	1.882182	31C	37C	Lamin-L(I) |	15292272	13067035	7969997	5808255	7110695	6382744	28348470	9673901	7969997	3390940	5294431	10464526
G4Y369	2	2	5.036586	0.042959	1.457435	31C	37C	Glucose-6-p	1389421	1600746	1065283	985906.5	873660.4	923026.6	2575677	1185078	1065283	575585.9	650503.9	1513305
G3IC99	1	1	3.257897	0.043125	1.724997	31C	37C	Septin-11 |	5848023	4908160	4338378	2883105	2077789	3789594	10840934	3633652	4338378	1683197	1547066	6213049
G3H8E7	1	1	3.273389	0.043742	1.745989	31C	37C	Mannose-1	6515672	5055522	4102259	2586842	2524696	3865296	12078607	3742748	4102259	1510234	1879820	6337163
G3HQ40	1	1	2.507801	0.043778	1.604116	31C	37C	Eukaryotic |	10715554	11687647	7142227	5833923	6531005	6053588	19864252	8652701	7142227	3405925	4862809	9924873
G3I7W3	1	1	3.504656	0.044019	3.001914	31C	37C	Dynactin su	118920.1	134727.1	165732.9	80717.5	18662.19	40324.52	220451.3	99742.37	165732.9	47123.99	13895.36	66112.15
G3HQ33	1	1	3.316395	0.044181	5.378478	31C	37C	Methylmalc	61547.27	219060	102554.8	16439.32	8449.313	46351.24	114094.9	162176.4	102554.8	9597.505	6291.13	75992.99
G3HZK7	1	1	2.85807	0.04473	1.522067	31C	37C	Heat shock	1027237	765008.3	727815.4	451756.9	587339.3	616587	1904269	566357.6	727815.4	263741.9	437316.9	1010896
G3HUU6	1	1	2.202824	0.04511	2.124764	31C	37C	Protein S10	1790847	1672945	942318.1	494621.9	781886.1	797186.2	3319832	1238529	942318.1	288767.1	582171.2	1306989

G3HC89	1	1	3.113504	0.045318	2.44748	31C	37C	39S ribosor	2181849	1179082	1162337	366861.3	756890.4	724381.1	4044663	872908.1	1162337	214178.7	563560.1	1187625
G3HCF8	1	1	2.857821	0.045483	13.91724	31C	37C	Endophilin-	452062.3	321730.2	91959.04	3860.124	1051.55	57295.46	838022.9	238186.1	91959.04	2253.594	782.9558	93936.07
G3GZ25	1	1	2.422679	0.04557	1.64461	31C	37C	RPP40 |RPI	4215981	4451821	2812335	2737331	2195522	2047610	7815491	3295811	2812335	1598092	1634726	3357061
G3I2B6	1	1	3.087784	0.045792	1.807081	31C	37C	Serine/thre	49825564	36292938	25813339	21203283	18903527	21833894	92365511	26868703	25813339	12378770	14075054	35796728
G3HF44	2	2	7.09462	0.045947	2.477745	31C	37C	Paralemmir	3579295	1738168	1864255	609831.5	1093837	1194821	6635217	1286815	1864255	356028.1	814441.2	1958912
G3HCK9	1	1	2.85145	0.04601	1.617639	31C	37C	Far upstrea	1293116	1563594	1662052	1108743	666613.3	1018074	2397149	1157574	1662052	647299.7	496342.2	1669135
G3H155	1	1	2.035137	0.046549	2.266526	31C	37C	Core histon	1308346	1610751	908969.4	786034.6	566579.2	336343.7	2425383	1192485	908969.4	458897.9	421859.6	551436.4
G3HTI3	1	1	2.052386	0.046875	1.503432	31C	37C	Putative G-p	877605.9	832220.1	651558.2	416126.3	549001.5	605534.6	1626886	616116.4	651558.2	242940.3	408771.7	992775.6
G3ID21	1	1	3.116859	0.046916	1.649519	31C	37C	Lysosome r	3131187	3070677	2155254	1519153	2141694	1405551	5804524	2273310	2155254	886902.5	1594647	2304404
G3GUN0	3	3	8.726962	0.04704	1.372012	31C	37C	Chromodor	1516824	1164676	1067338	902341.4	946774	883249.7	2811854	862242.7	1067338	526799.4	704942.3	1448090
G3GXY1	1	1	2.374774	0.047212	1.966365	31C	37C	Beta-cateni	247218.4	318098.4	215517.5	194587.3	110598.4	91909.68	458288	235497.4	215517.5	113602.8	82348.54	150686.2
G3HT11	1	1	2.325804	0.047539	5.550694	31C	37C	Cysteine ar	1738997	1068140	969430.1	335765.8	304828.2	39783.56	3223714	790774.9	969430.1	196024.7	226966.8	65225.25
G3I3W0	1	1	2.36685	0.04789	2.506635	31C	37C	Calponin |(	1783085	2661050	2112886	1069226	1143430	403209.8	3305442	1970051	2112886	624228.9	851367	661063.6
G3I5T3	1	1	2.7958	0.047899	1.650553	31C	37C	Putative ATI	10748435	6740409	7458033	4157912	5063245	5893094	19925207	4990118	7458033	2427447	3769955	9661744
G3HGF4	1	1	2.541477	0.048412	2.291622	31C	37C	STE20-relat	799220.1	1635541	1275066	703061.1	566714.4	349089.7	1481576	1210838	1275066	410456.8	421960.2	572333.5
G3H1D5	1	1	2.888255	0.048456	1.543691	31C	37C	Carboxyper	11221329	13548314	8554777	8217376	6720014	6650109	20801848	10030205	8554777	4797418	5003541	10902872
G3ICY6	1	1	3.685334	0.048614	1.640296	31C	37C	40S ribosor	22154906	31569207	21618683	19441332	13316434	13174672	41070268	23371590	21618683	11350119	9915056	21599910
G3H8Y0	1	1	2.848573	0.048722	6.733733	31C	37C	Terpene cy(	925636.5	2420584	758635.1	503445.1	65160.28	40990.45	1715924	1792027	758635.1	293918.2	48516.58	67203.95
G3HXW0	1	1	2.722807	0.048755	2.040078	31C	37C	Nuclear fac	703814.5	639509.2	721437.2	464398.4	184124.8	363575.7	1304715	473447	721437.2	271122.2	137094.3	596083.3
G3HCU8	1	1	2.746296	0.049233	1.509477	31C	37C	26S proteas	6278708	8225486	7234139	6059099	4424420	3917718	11639327	6089563	7234139	3537386	3294303	6423109
G3HJB1	2	2	4.691753	0.051151	1.449843	31C	37C	Alpha-actin	6143801	5639618	4600768	4316741	3949174	3034746	11389240	4175171	4600768	2520173	2940448	4975475
G3H533	3	3	8.097145	0.052435	1.403001	31C	37C	Peptidyl-pr(	12865106	9460983	9025728	7507111	6838301	8000838	23849044	7004237	9025728	4382756	5091614	13117396
G3H0Y9	2	2	5.500969	0.060395	1.412791	31C	37C	EH domain·	2007454	2617197	2277839	1436342	1437010	2012362	3721373	1937586	2277839	838556.1	1069958	3299272
G3HCW9	2	2	10.37587	0.071859	1.557048	31C	37C	PRDX2 |PR	48631871	34656577	27808136	21980928	26546088	22823775	90152669	25657258	27808136	12832770	19765498	37419641
G3IF62	4	4	11.3776	0.072031	1.761227	31C	37C	Ras GTPase	16157428	11567302	7826914	6340463	6356840	7488417	29952277	8563605	7826914	3701650	4733131	12277279
G3HJ15	3	3	7.613287	0.072202	1.456977	31C	37C	E3 SUMO-p	1587885	2085006	1626530	1446648	924007.9	1266615	2943586	1543590	1626530	844573	687991.2	2076619
G3HXU0	2	2	4.978306	0.077122	1.662697	31C	37C	Tubulin--tyr	4267661	5386034	2875485	2415824	2163186	2956445	7911294	3987435	2875485	1410392	1610650	4847100
G3I6F9	4	4	10.61653	0.077548	1.823214	31C	37C	EH domain·	3167445	1716682	1942466	879180.8	1345763	1519321	5871738	1270909	1942466	513277.9	1002018	2490931
G3HP69	3	3	9.712817	0.08717	1.171417	31C	37C	Calnexin |C	8520210	9291836	7712147	7897501	6807997	7083655	15794575	6879013	7712147	4610670	5069050	11613672
G3HIM4	2	2	4.733214	0.087462	1.314935	31C	37C	CDC42 |CI	21207019	27714250	19477808	17283026	15857124	18876915	39313095	20517654	19477808	10090070	11806785	30948753
G3H4V0	3	3	10.92646	0.09034	1.198352	31C	37C	Vigilin |HDI	4221899	3907004	3800826	3227788	2918850	3808479	7826462	2892467	3800826	1884427	2173296	6244012
Q60455	9	9	40.10339	0.092804	1.309535	31C	37C	Tubulin bet	2.95E+08	3.04E+08	2.17E+08	1.99E+08	1.95E+08	2.3E+08	5.47E+08	2.25E+08	2.17E+08	1.16E+08	1.45E+08	3.77E+08
G3IBF1	3	3	11.17052	0.105988	1.365832	31C	37C	Nucleopho:	46381349	46982855	31830362	33757123	26783126	31121522	85980701	34782755	31830362	19707876	19941991	51023819
G3HNP6	2	2	6.067287	0.10925	1.484385	31C	37C	26S proteas	5509898	7007151	3869109	4051241	3469344	3518437	10214125	5187595	3869109	2365171	2583179	5768486
G3HC84	3	3	7.626736	0.111112	1.175431	31C	37C	Heat shock	16971902	21590520	19032259	17427323	16035363	15536082	31462131	15984081	19032259	10174313	11939497	25471448
G3IBK2	9	9	31.77938	0.133998	1.353276	31C	37C	Filamin-A |	21451170	22275938	15533999	11487814	16228596	16074432	39765696	16491516	15533999	6706745	12083373	26354075
G3H2C4	4	4	16.85108	0.134272	1.95681	31C	37C	Heat shock	2776736	1073352	1539555	697178.6	763632.3	1293490	5147451	794633.1	1539555	407022.5	568579.9	2120680
G3HDL6	2	2	8.879755	0.15531	1.40558	31C	37C	Elongation	10508816	13718972	10163876	11414758	6787437	6265750	19481007	10156548	10163876	6664094	5053741	10272715
G3GZE6	2	2	5.145489	0.15622	1.441618	31C	37C	Actin-relate	1824431	2227776	1461342	871047.7	1337393	1616114	3382089	1649287	1461342	508529.7	995786.9	2649624
G3IEY9	4	4	11.21118	0.156361	1.934343	31C	37C	14-3-3 prot(	7478507	3848856	2683820	1750265	3021258	2471856	13863488	2849418	2683820	1021829	2249547	4052614
G3HX83	3	3	9.37739	0.17678	1.54485	31C	37C	Ras-related	4321643	2849715	2038852	1669736	1858364	2433781	8011365	2109726	2038852	974815	1383688	3990190
G3I7M1	2	2	5.296093	0.204368	1.15212	31C	37C	Ataxin-2-lik	783383.9	650929.3	615997.6	625118.8	626143.9	528335.7	1452219	481901.7	615997.6	364953	466209.8	866207.9
G3HWP7	1	1	2.852669	0.209678	8.417951	31C	37C	FACT comp	13755.77	29998.16	61419.47	0	8116.272	4377.671	25500.13	22208.5	61419.47	0	6043.156	7177.204
G3GUU5	4	4	10.27866	0.222869	1.226119	31C	37C	Transketola	40919298	63392362	55224746	43403686	42051857	44659353	75855275	46931184	55224746	25339673	31310674	73219130
G3GZA9	2	2	5.069691	0.232572	1.283236	31C	37C	Reticulocal	2298823	3850826	2837664	2566287	2398406	2038940	4261506	2850877	2837664	1498234	1785788	3342848
G3IGL0	3	3	8.866496	0.238763	1.237536	31C	37C	Putative he	11341603	7396954	8464131	6574566	6990605	8416152	21024809	5476177	8464131	3838323	5205015	13798303
G3HJS1	4	4	10.50745	0.245475	1.296414	31C	37C	Spectrin be	1419856	1381126	865781.3	871528.1	1090083	866778.1	2632097	1022488	865781.3	508810.2	811645.9	1421085
G3H8N3	2	2	10.39419	0.278392	1.205071	31C	37C	60S ribosor	61961376	39584118	50013268	39380340	45775447	40611745	1.15E+08	29305258	50013268	22990788	34083158	66583065
G3H2J7	2	2	5.301948	0.278438	1.166657	31C	37C	Chromobo>	6564597	4676622	5184997	4399433	5291760	4388533	12169302	3462237	5184997	2568450	3940101	7195012
G3GRK8	2	2	9.924273	0.32205	1.174408	31C	37C	E3 ubiquitir	6963980	8211596	5856674	5651475	5037743	7219587	12909669	6079280	5856674	3299409	3750967	11836533
G3HG83	4	4	13.98334	0.324405	1.10472	31C	37C	T-complex p	14773454	14262105	12335483	11805074	11330625	14313648	27386696	10558645	12335483	6891966	8436477	23467265
F7J0L2	6	6	13.80847	0.344521	1.207248	31C	37C	Splicing fac	8197002	9912440	5995063	6245198	7544045	6177245	15195418	7338464	5995063	3646033	5617091	10127611

G3GWQ1	10	10	25.79966	0.380679	1.12461	31C	37C	Vinculin |V	22914441	20536854	16747926	15440250	18725450	19363292	42478275	15204022	16747926	9014232	13942463	31746170
G3I9X8	11	11	40.17044	0.380986	1.12774	31C	37C	Spectrin alp	11565424	9366900	8301504	7698283	9655635	8568560	21439723	6934585	8301504	4494364	7189325	14048177
G3I0C8	2	2	5.074595	0.384706	1.359045	31C	37C	Acetyl-CoA	877089.2	498855.9	417423.7	318063.7	358871.7	642644.6	1625928	369317.4	417423.7	185690	267206.1	1053618
G3HG69	2	2	10.11331	0.388537	1.784911	31C	37C	Hepatoma-	5315341	1456331	1664266	1653382	1551306	1521565	9853460	1078164	1664266	965267.3	1155060	2494610
G3HZF4	2	2	10.04447	0.487791	1.167751	31C	37C	Chloride int	29318860	30056947	18171913	22621575	19600961	24185233	54350644	22252020	18171913	13206789	14594345	39651755
G3H6Y6	2	2	5.485631	0.507973	1.133965	31C	37C	NSFL1 cofa	555074.6	396986.6	341422	369225.1	384599.3	386848.4	1028985	293900.6	341422	215558.7	286362.2	634239
G3I073	2	2	5.536571	0.573845	1.03855	31C	37C	Elongation	33155924	30468179	30293278	26921241	33012613	30497395	61463707	22556467	30293278	15716993	24580297	50000561
G3HB04	3	3	10.50241	0.578947	1.089212	31C	37C	Protein disu	3854422	3932166	3611921	5197592	2875381	2391945	7145241	2911095	3611921	3034426	2140931	3921600
G3I0H2	2	2	4.229052	0.917133	1.001522	31C	37C	40S ribosor	3079633	3178294	2679222	3668984	2907056	2347526	5708954	2352982	2679222	2142004	2164515	3848775
G3I2F2	2	2	6.096599	1.46E-05	2.354166	37C	31C	Splicing fac	2047640	2125122	2212677	4904862	5267413	4860109	3795868	1573289	2212677	2863527	3921973	7968162
G3GVP7	1	1	3.46133	1.91E-05	1.541812	37C	31C	ADP-sugar |	5012198	5025888	4991558	7975784	7488615	7708485	9291500	3720809	4991558	4656373	5575820	12638081
G3H8W5	3	3	8.66065	4.55E-05	1.615635	37C	31C	6-phosphof	3258954	3319772	3513257	5457439	5318782	5528743	6041375	2457722	3513257	3186128	3960221	9064389
G3GUM5	1	1	2.146283	9.15E-05	7.977115	37C	31C	Condensin	59432.27	72474.76	66630.3	459449.2	467257.3	657048.6	110174.2	53655.14	66630.3	268232.8	347907.1	1077233
B2ZA78	4	4	10.32361	0.000156	1.895269	37C	31C	Trifunctiona	2544461	2425006	2421024	4678943	4318395	5009628	4716864	1795302	2421024	2731632	3215360	8213298
G3HHL5	1	1	2.31253	0.000224	2.021107	37C	31C	TXNDC9 |	869095.6	914056.9	989750.4	2019741	1817347	1767244	1611110	676702.5	989750.4	1179153	1353147	2897402
G3HSM3	4	4	10.06604	0.000242	1.368749	37C	31C	Thimet oligo	2297992	2368998	2459015	3263739	3155829	3334147	4259967	1753837	2459015	1905416	2349744	5466344
G3I027	3	3	8.266789	0.000269	1.725614	37C	31C	Heat shock	5895309	6000051	6500671	10250235	11304370	10189847	10928592	4442010	6500671	5984229	8416928	16706282
G3I3B7	1	1	2.316343	0.000275	2.868867	37C	31C	Ribonucleo	548754.5	510214.4	676634.3	1582070	1673054	1724090	1017269	377726.3	676634.3	923634.3	1245711	2826650
G3HDE8	1	1	2.005432	0.000309	1.692571	37C	31C	Phosphoen	1864421	1830858	1696165	2960774	2911377	3253252	3456222	1355437	1696165	1728541	2167732	5333716
G3HN02	1	1	2.323812	0.000406	6.626633	37C	31C	Talin-1 |TLI	145383.8	87650.19	152004.3	842370	857445.4	851691.6	269509.1	64889.95	152004.3	491787.3	638430.6	1396351
G3IDJ8	1	1	2.799592	0.000491	4.007764	37C	31C	ATP-depen	714167.4	688164.1	597507.3	2106508	2710990	3197384	1323908	509467.6	597507.3	1229809	2018530	5242119
G3GZL2	1	1	2.511795	0.000496	15.84522	37C	31C	Aspartyl-tR	26519.59	12860.21	11101.57	279341.6	282277.9	238269.2	49161.43	9520.786	11101.57	163083.5	210176.5	390643
G3H8W6	3	3	13.35313	0.000497	1.923087	37C	31C	Autoimmur	2408187	2088447	2591927	4566641	4485708	4579569	4464243	1546137	2591927	2666068	3339936	7508215
G3HWP9	3	3	6.863349	0.000577	1.849454	37C	31C	Heterogene	7312644	6276737	7514719	12634064	12677904	13719093	13556015	4646849	7514719	7375942	9439624	22492489
G3H0D2	1	1	2.794014	0.0006	9.421736	37C	31C	Reticulocal	250186.3	182107.4	342127.8	2030343	2118271	3147781	463789.7	134819.3	342127.8	1185342	1577207	5160795
G3I6B2	3	3	6.606942	0.000616	1.962923	37C	31C	Methylmalc	827635.9	693330.1	818729	1417567	1561436	1613639	1534253	513292.1	818729	827595	1162603	2645566
G3H8Q4	1	1	2.257074	0.000639	5.836097	37C	31C	Acidic leuci	1069738	982902.2	1697032	6580908	6925595	8376952	1983057	727670.7	1697032	3842025	5156611	13734035
G3HR63	2	2	6.569067	0.000642	2.813954	37C	31C	Protein can	1716591	1683294	2289640	4911966	5444116	5653980	3182177	1246191	2289640	2867674	4053541	9269715
G3H2U6	1	1	2.770135	0.000686	Infinity	37C	31C	Splicing fac	0	0	0	11345.41	602703.7	23508.47	0	0	0	6623.605	448756.8	38542.2
G3GSG4	1	1	2.032191	0.000708	2.8006	37C	31C	Renin recep	106788.5	126593.3	106706.4	315054.8	267954.4	369442	197962.2	93720.67	106706.4	183933.3	199511.6	605701.1
G3HV73	2	2	5.737278	0.00072	1.769997	37C	31C	Poly [ADP-r	2058849	1686639	1939098	3256191	3364404	3441104	3816648	1248667	1939098	1901009	2505044	5641699
G3GZ85	7	7	18.13008	0.000743	1.631936	37C	31C	Staphyloco	7142211	6889250	7887228	11639398	11402025	12728486	13240070	5100310	7887228	6795242	8489639	20868386
G3H4E0	1	1	2.825834	0.00078	2.0607	37C	31C	Bone marro	2645321	2113410	2174750	4429779	4892990	4965055	4903837	1564618	2174750	2586166	3643188	8140220
G3I5N5	7	7	17.60584	0.000808	1.850847	37C	31C	DNA topois	3011620	2752395	3272568	5136577	6016243	5572514	5582874	2037677	3272568	2998805	4479531	9136152
G3IDT6	4	4	11.03572	0.000821	3.748287	37C	31C	Protein disu	2968025	2018859	2836875	8459525	9636282	11229881	5502057	1494619	2836875	4938788	7174914	18411420
G3H1D2	2	2	8.027565	0.00094	2.270618	37C	31C	Tripartite m	491546.2	608876.1	456235.3	1110530	1263403	1160642	911217.3	450768.5	456235.3	648342.9	940695.3	1902875
G3I0R8	3	3	7.914245	0.001035	1.816076	37C	31C	Actin-bindi	2209581	2259222	1919032	4180270	3877081	3543444	4096072	1672567	1919032	2440499	2886770	5809485
G3I3H2	1	1	3.208725	0.001054	2.596473	37C	31C	60S acidic r	49208543	38396909	38567076	93332778	1.2E+08	1.14E+08	91221691	28426333	38567076	54488968	89433452	1.87E+08
G3H0V2	2	1	5.526282	0.001079	1.785354	37C	31C	Tumor supp	1024519	819184.4	919686.5	1701743	1664509	1567377	1899230	606465.7	919686.5	993501.2	1239348	2569719
G3IIZ6	4	4	9.999444	0.001132	1.801714	37C	31C	Structural r	1143312	1073161	1318981	1978042	2233936	2157899	2119447	794491.6	1318981	1154808	1663328	3537882
G3HCX8	5	5	29.42413	0.001135	1.804751	37C	31C	Calreticulin	76348258	71421433	78295266	1.25E+08	1.29E+08	1.54E+08	1.42E+08	52875336	78295266	72994170	96026507	2.52E+08
G3HH63	3	3	7.927087	0.001183	1.80656	37C	31C	Phospholip	1245188	1047726	1076215	1916130	1944022	2226382	2308301	775661.7	1076215	1118663	1447466	3650160
G3I9Z3	4	4	10.87431	0.001286	2.349506	37C	31C	Ribose-pho	3693177	3217569	4436372	8156991	8742158	9760978	6846329	2382058	4436372	4762164	6509174	16003150
G3H337	1	1	2.876348	0.001344	2.234527	37C	31C	tRNA-nucle	559752.2	531981.9	599811.9	1092289	1191794	1495723	1037656	393841.5	599811.9	637693.6	887377.2	2452242
G3HMM2	3	3	7.777296	0.001389	1.765049	37C	31C	Peptidyl-pr	7333684	6299077	6151208	10741516	12613545	11564616	13595019	4663387	6151208	6271046	9391704	18960220
G3GYY6	2	2	4.259413	0.001465	2.221102	37C	31C	Catalase |C	3210045	2505379	3428214	6488924	6503331	7316697	5950709	1854804	3428214	3788324	4842204	11995744
G3INU6	1	1	2.75005	0.001493	1.743812	37C	31C	UDP-glucos	9281926	10939267	9333421	17900767	18048508	15588421	17206625	8098653	9333421	10450716	13438430	25557258
G3I973	4	4	11.49885	0.001493	1.961314	37C	31C	Hypoxia up	5436556	5171621	6465652	10087093	11205321	12194728	10078165	3828699	6465652	5888985	8343178	19993290
G3HMY0	3	3	8.598787	0.001568	2.09781	37C	31C	3-hydroxy-3	8636795	9510997	11286899	21672766	18281489	21794150	16010697	7041264	11286899	12652861	13611901	35731567
G3HV48	1	1	2.365888	0.001614	1.583545	37C	31C	Aladin |AA/	1250568	1388869	1348371	2146890	1902601	2265380	2318274	1028219	1348371	1253384	1416625	3714096
G3GXB5	1	1	2.079344	0.001635	1.583819	37C	31C	Ethanolami	1118173	1211590	1278135	2083997	1837220	1793040	2072845	896974.8	1278135	1216666	1367944	2939694
G3H8H3	1	1	2.143688	0.001699	1.687431	37C	31C	Nck-associ	1168272	1433474	1313072	2203567	2058462	2343957	2165717	1061242	1313072	1286473	1532675	3842923

G3ILN5	5	5	24.87321	0.001745	1.647072	37C	31C	Reticulocal	9292833	11135110	10867066	17950518	17627523	15967098	17226844	8243641	10867066	10479761	13124976	26178100
G3HYB7	2	2	4.301108	0.00175	2.412651	37C	31C	T-complex p	4614785	4696187	5841982	12525642	10180438	13852704	8554785	3476722	5841982	7312643	7580078	22711546
G3HYG2	3	3	8.142719	0.001861	2.811778	37C	31C	Eukaryotic i	1189463	901029.2	813262.1	2424713	2541740	3198258	2204999	667057.8	813262.1	1415581	1892511	5243553
G3HNJ3	1	1	2.271216	0.002179	2.036825	37C	31C	Clusterin | (	442860	351918.2	373294.3	828526.2	681548.4	869084.6	820963.9	260535.2	373294.3	483705.1	507462.5	1424867
G3I710	1	1	2.977647	0.002221	2.205478	37C	31C	AP-2 compl	1314178	1903345	1707494	3655183	3397539	3809295	2436194	1409101	1707494	2133946	2529716	6245350
G3H4L4	2	2	5.437888	0.002231	3.32891	37C	31C	Serine/thre	123926.7	194931.5	147378.4	535560.6	603910.8	412588.3	229732.4	144313.4	147378.4	312667.7	449655.6	676439.6
G3HQP7	1	1	2.740294	0.002285	1.933515	37C	31C	Flotillin-1 |	361413.3	331070	408028.1	647584.1	664332	815939.1	669979.9	245100.6	408028.1	378068.5	494643.6	1337734
G3HTU8	2	2	4.719043	0.002376	1.549903	37C	31C	Galactokina	2353061	2115627	2435944	3819388	3249291	3632835	4362052	1566260	2435944	2229812	2419334	5956042
G3H9D1	2	2	4.452821	0.002436	2.6237	37C	31C	Acetyl-CoA	780696.1	538235.8	840293.9	1732953	1968338	1963870	1447237	398471.4	840293.9	1011722	1465571	3219770
G3GVT2	1	1	2.324459	0.002459	1.516977	37C	31C	Far upstrea	1337028	1170803	1206695	1810308	1770307	2054236	2478553	866778.7	1206695	1056883	1318122	3367926
G3H5A9	1	1	2.020346	0.002487	1.964424	37C	31C	Exosome co	257181.2	355548.3	281934.5	589214.8	553662.1	614622.4	476756.7	263222.6	281934.5	343991.8	412241.8	1007675
G3GZR1	3	3	7.274585	0.002534	1.985198	37C	31C	Aspartyl-tR	1717680	1706332	2279623	3719744	3551036	4052064	3184197	1263246	2279623	2171638	2644005	6643370
G3I732	1	1	2.603088	0.002588	1.819867	37C	31C	DNA polym	267814.8	263976	339497	541877.5	489180	554570.6	496469.1	195429	339497	316355.6	364230.2	909220.1
G3HQM6	4	4	15.57767	0.002625	3.349399	37C	31C	CRIGR Endo	7095867	5144686	8928850	24735536	19649043	26520205	13154158	3808758	8928850	14440949	14630145	43479947
G3HHF3	1	1	2.337184	0.00267	1.516897	37C	31C	Succinyl-Co	1316973	1291644	1263819	2189028	1778280	1906777	2441375	956241.1	1263819	1277985	1324059	3126166
G3H487	1	1	2.361999	0.002806	2.780399	37C	31C	Regulator o	694751.6	562006.9	576716.3	1271040	1822219	2004532	1287915	416069.9	576716.3	742050.7	1356775	3286436
G3HZ55	2	2	5.174322	0.00299	4.62629	37C	31C	Integrin bet	418596.2	363212	272604.3	1214346	1361232	2302440	775984.2	268896.3	272604.3	708952.2	1013537	3774856
G3H2H8	1	1	2.253112	0.003139	11.18405	37C	31C	Import inne	86981.87	97567.05	277861.5	1428927	1466547	2276148	161245	72231.69	277861.5	834227.4	1091951	3731751
G3GYR9	3	3	9.239174	0.003149	1.794201	37C	31C	40S ribosor	13393555	11986361	15924290	22661530	25622646	25823858	24828671	8873847	15924290	13230115	19077928	42338285
G3H6Y5	1	1	2.683571	0.003221	2.137853	37C	31C	Peptidylpro	9799443	13974675	12011298	27508494	22353611	26641843	18165988	10345853	12011298	16059840	16643893	43679374
G3HFY9	2	2	4.877399	0.003304	2.956736	37C	31C	Ubiquitin-c	572027.1	689953.8	973690.9	1951838	2562388	2096066	1060411	510792.6	973690.9	1139510	1907884	3436506
G3GRA0	1	1	3.331003	0.003314	5.148997	37C	31C	Lamin-B rec	115615.6	72829.9	131304.1	634221.2	649198.7	362970.2	214325.6	53918.06	131304.1	370267.1	483375.8	595090.7
G3ICB9	1	1	2.862267	0.003428	1.631645	37C	31C	Nucleolysin	1161713	1086047	1307796	2019476	1720469	2061459	2153557	804031.5	1307796	1178998	1281015	3379767
G3H8A8	2	2	4.501255	0.003502	2.500893	37C	31C	Mesenceph	977549.6	914513.8	827347.9	1711478	2725711	2363767	1812159	677040.8	827347.9	999184.8	2029491	3875403
G3I757	1	1	3.280654	0.00352	1.640838	37C	31C	ADP-ribosyl	4816433	5572365	4246808	8334971	7914358	7765332	8928595	4125381	4246808	4866072	5892816	12731283
G3H6D9	2	2	5.660522	0.003564	2.271917	37C	31C	DNA (cytos	1050919	946736.7	1211774	2209808	2090280	2991472	1948171	700896.4	1211774	1290116	1556366	4904526
G3HIT7	11	11	32.22153	0.003576	2.353697	37C	31C	Microtubule	1678975	2261630	2639663	5429874	5398312	4659771	3112445	1674350	2639663	3170035	4019437	7639706
G3HW44	2	2	5.015516	0.003576	4.465566	37C	31C	Methionyl-t	223200.6	154636.2	311548.6	840719.5	907860.4	1329916	413764.2	114481.6	311548.6	490823.7	675968.3	2180401
G3HXH2	1	1	1.95745	0.003604	1.531207	37C	31C	Microtubule	917266.9	1153152	979417.7	1600994	1506510	1562426	1700409	853711.4	979417.7	934682.6	1121707	2561602
G3HWN7	1	1	2.517101	0.003664	1.899993	37C	31C	Phosphoinc	338589.7	272675.2	271478.2	581566.9	479391.4	616247.5	627670.1	201869.3	271478.2	339526.8	356941.8	1010339
G3HSZ4	1	1	2.054656	0.003675	2.054923	37C	31C	Splicing fac	4273490	4006778	4419085	7672588	7669136	10754466	7922099	2966333	4419085	4479363	5710231	17631976
G3I7I9	1	1	2.280306	0.003691	2.861044	37C	31C	Dolichyl-dip	2068864	2041879	3437129	7063612	7834277	6696903	3835213	1511662	3437129	4123834	5833190	10979591
G3IFZ0	2	2	4.532417	0.00374	2.25977	37C	31C	Antigen KI-6	760989.4	857248.7	1058603	1708569	2363465	1977009	1410705	634645.8	1058603	997486.3	1759772	3241312
G3HES3	4	4	12.90966	0.003813	2.190862	37C	31C	Exportin-2 |	2523320	2003162	2996069	4885449	5570942	6024478	4677674	1482999	2996069	2852193	4147973	9877149
G3GWP1	1	1	2.407019	0.003814	2.02273	37C	31C	Protein tran	923437.1	782611.1	840177	1583694	1480444	2086187	1711847	579389.4	840177	924582.4	1102298	3420310
G3I2L9	1	1	4.920386	0.003994	1.965117	37C	31C	Sulfatase-m	1062548	736935.4	1013343	1803424	1883456	1840651	1969727	545574.4	1013343	1052864	1402371	3017753
G3GXT2	5	5	15.74445	0.004007	2.040485	37C	31C	CAD protein	2296144	2467393	2967802	4485879	5131457	6158345	4256540	1826682	2967802	2618918	3820744	10096623
G3H381	1	1	3.252973	0.004016	1.501971	37C	31C	Kinesin ligh	2003700	2044799	1654581	2942303	2808739	2814820	3714415	1513823	1654581	1717757	2091311	4614905
G3HZI0	1	1	2.245525	0.004035	3.385316	37C	31C	Golgin subf	219678.5	171157.9	328592.8	781418.9	952997.3	701078.8	407235	126713.1	328592.8	456203.2	709576	1149421
G3HG78	1	1	3.140945	0.004061	3.978375	37C	31C	Apolipoprot	389382.9	308755.9	608082.5	1813674	2052973	1329992	721829.2	228580.9	608082.5	1058848	1528588	2180526
G3HA07	2	2	5.236182	0.004267	2.320072	37C	31C	Uncharacte	206056.9	158264	194135	368419.3	389328.5	537910.4	381983.7	117167.4	194135	215088.3	289883.4	881905.5
G3GU92	1	1	2.385335	0.004421	11.60241	37C	31C	Lupus La pr	36734.63	36586.69	145441.5	929661.5	778602	829911.7	68097.83	27086.18	145441.5	542749.2	579726	1360643
G3HZA3	1	1	2.645695	0.004486	1.609562	37C	31C	Inhibitor of	2705468	2594506	2329474	3675591	3961573	4642905	5015335	1920787	2329474	2145861	2949680	7612055
G3IDD4	7	7	25.91021	0.004664	2.441944	37C	31C	SERPINH1	15559886	24100524	25482019	49547595	53253175	56273369	28844566	17842309	25482019	28926572	39650872	92260340
G3HBY5	1	1	2.181647	0.004702	3.163135	37C	31C	Phosphome	117857.6	233544.6	186653.7	519072.1	557138.1	625733.4	218481.8	172899.8	186653.7	303041.5	414829.9	1025892
G3HEJ5	2	2	5.011074	0.004842	1.955589	37C	31C	ADP-depen	1298477	1101311	1356971	2017032	2496436	2833212	2407088	815332.1	1356971	1177571	1858778	4645059
G3IF52	1	1	2.119648	0.004933	3.062218	37C	31C	Nucleobind	641477.9	500064.1	579405.6	1369219	1472377	2428321	1189157	370211.8	579405.6	799368.8	1096292	3981239
G3HID0	2	2	7.067763	0.005041	2.052408	37C	31C	Dolichyl-dip	4080335	6028270	5683226	11875307	10196210	10339767	7564034	4462901	5683226	6932968	7591822	16952076
G3HGS2	1	1	3.158276	0.005121	2.08551	37C	31C	Propionyl-C	768720.7	693696	1017486	1732071	1515387	1924404	1425037	513563.1	1017486	1011207	1128316	3155065
G3HXI0	1	1	3.12426	0.005138	2.058036	37C	31C	Peptidyl-pro	573813.4	530413.5	808028.8	1383530	1243310	1308650	1063722	392680.3	808028.8	807724.2	925734.9	2145535
G3H352	7	7	17.5177	0.005205	1.693357	37C	31C	Cytoplasmi	2999564	2748194	3756733	5146194	5623440	5324862	5560525	2034567	3756733	3004419	4187061	8730126
G3GZL7	2	2	4.978697	0.005258	1.651323	37C	31C	Calcyclin-b	8634773	9629269	9042520	12665468	15715312	16711171	16006948	7128824	9042520	7394276	11701195	27398010

G3IHR8	1	1	2.526534	0.005346	3.587311	37C	31C	Adenosylhc	122269.1	106131.3	172042	425523.4	356730.2	654257.9	226659.7	78572.07	172042	248426.4	265611.7	1072658
G3I6I6	5	5	13.77466	0.005399	1.283351	37C	31C	Tubulin alp	34890997	35951975	40252017	48701099	46333046	47539738	64680146	26616279	40252017	28432376	34498331	77941528
G3GYL0	1	1	3.043091	0.005474	2.388594	37C	31C	CUG-BP-an	127330.7	148225.4	118730.8	234245.1	378257.5	329288.5	236042.7	109735.5	118730.8	136755.6	281640.3	539869.4
G3HGP6	3	3	9.711042	0.005699	2.111069	37C	31C	T-complex p	3993972	3910322	5927930	9367952	9270945	10561877	7403936	2894923	5927930	5469140	6902894	17316226
G3IGZ8	1	1	2.067916	0.005976	2.52927	37C	31C	Torsin-1B |	581203.7	816495.3	717472.3	1669948	2274621	1405270	1077422	604474.9	717472.3	974938.7	1693622	2303944
G3H9T1	2	2	4.886654	0.006025	3.031713	37C	31C	Dolichyl-dip	1640941	1620610	3057043	6191108	7087329	5877728	3041940	1199784	3057043	3614454	5277033	9636550
G3HMB4	4	4	11.84112	0.006163	1.706919	37C	31C	2-oxoglutar	5139780	4800825	4213643	6818181	8396628	8945340	9528008	3554188	4213643	3980549	6251902	14665910
G3GS73	1	1	2.910583	0.006313	3.002053	37C	31C	Heterogene	8427144	12527090	12265829	26335562	28820303	44572510	15622050	9274164	12265829	15375066	21458817	73076750
G3I129	2	2	5.235387	0.006329	1.555919	37C	31C	Ubiquitin |U	28917895	28259074	28826393	46757509	37664982	49391766	53607343	20921003	28826393	27297681	28044326	80977933
Q1ERS4	2	2	5.251165	0.006359	1.694076	37C	31C	CRILO Dyna	796396.7	781662.4	1047028	1573955	1495700	1377442	1476342	578687.1	1047028	918896.8	1113658	2258320
G3HL74	1	1	2.023512	0.006405	7.684151	37C	31C	Centrin-3 |(	152922.7	49734.39	156524.5	665068.2	975632.7	1119304	283484.7	36819.79	156524.5	388276	726429.7	1835103
G3IJD1	1	1	2.211664	0.006482	1.50478	37C	31C	Putative ATI	1234801	1444655	1492041	1884772	2146518	2245896	2289047	1069520	1492041	1100356	1598239	3682152
G3IG24	1	1	2.037017	0.00666	1.851608	37C	31C	ATP-depen	5198115	4071401	5882436	8390543	9638000	10026930	9636148	3014175	5882436	4898515	7176193	16439179
G3H6B5	1	1	1.94956	0.006718	5.080912	37C	31C	Interleukin	409160.1	345857	1024190	3193282	2923328	2923387	758491.8	256047.8	1024190	1864282	2176630	4792901
G3IPU3	2	2	4.906073	0.006731	3.053627	37C	31C	14-3-3 prot	3747509	2940802	5798424	13126871	10396957	14605998	6947048	2177160	5798424	7663649	7741293	23946573
G3IPK9	2	2	9.232105	0.006844	3.226584	37C	31C	Adenylate k	2369465	1523845	1965211	4754602	5418860	8729546	4392460	1128146	1965211	2775803	4034736	14312114
G3GY52	1	1	4.126359	0.006868	3.941053	37C	31C	Phosphorib	187477.4	213190.3	322367.3	788777.1	694525.8	1366217	347541.5	157830.9	322367.3	460499	517125.1	2239916
G3HA25	1	1	5.560861	0.00689	1.551865	37C	31C	14-3-3 prot	5000166	4712472	4255014	8015957	7370210	6289742	9269194	3488778	4255014	4679827	5487658	10312049
G3I3Z5	1	1	3.217202	0.007283	1.658404	37C	31C	Coronin |C	4002907	4407710	5502797	7117149	8078144	7878771	7420500	3263154	5502797	4155090	6014767	12917267
G3HTE5	1	1	2.446203	0.007305	20.30948	37C	31C	Lysosomal	33396.04	6608.981	36595.71	327326.9	385329.6	843064.9	61908.83	4892.818	36595.71	191098	286906	1382207
G3HU28	2	2	7.932496	0.007466	2.38554	37C	31C	F-actin-cap	5205596	3448074	6136468	11583486	10816736	12882244	9650018	2552708	6136468	6762600	8053848	21120474
G3H6C5	1	1	2.853745	0.007477	1.618114	37C	31C	Hsp90 co-c	5023000	4571861	5778704	7208959	8931985	8735232	9311525	3384680	5778704	4208690	6650514	14321437
G3HC45	1	1	2.913404	0.007712	4.556706	37C	31C	Secretory c	586374.7	510425.2	1140332	3160843	2411379	4621730	1087008	377882.5	1140332	1845344	1795448	7577339
G3I7Z8	4	4	11.96516	0.007761	2.488913	37C	31C	Importin-7	1072543	995498.4	1510049	2339446	2872458	3693652	1988257	736996	1510049	1365801	2138755	6055752
G3H697	1	1	2.23574	0.007806	3.127272	37C	31C	Glucosidas	350402.2	331004.1	577196.5	1222576	1013040	1700378	649567.7	245051.8	577196.5	713756.6	754282.1	2787775
G3HX34	1	1	2.432001	0.007848	2.152301	37C	31C	60S ribosor	13503044	11686799	19217909	34386816	28275815	32916229	25031640	8652072	19217909	20075499	21053406	53966247
G3GWE9	3	3	12.6899	0.007887	1.937057	37C	31C	Solute carri	4995976	4335621	5625927	7683168	10370582	10919824	9261429	3209784	5625927	4485540	7721655	17903081
G3I4N3	1	1	2.413952	0.007941	1.840341	37C	31C	Lysine--tRN	11392942	11324934	10480479	21143369	16029503	23923431	21119979	8384173	10480479	12343791	11935134	39222530
G3IG19	1	1	2.909596	0.007969	1.602947	37C	31C	HD domain	1422147	1191678	1120519	1750178	2159749	2076029	2636345	882233.7	1120519	1021778	1608090	3403656
G3HS06	1	1	2.764857	0.008133	3.505179	37C	31C	40S ribosor	3699142	4137897	8421953	18449692	16633451	21907537	6857386	3063404	8421953	10771186	12384817	35917465
G3GY44	3	3	8.125038	0.008219	1.451516	37C	31C	Myosin-10 |	1189107	1444724	1316895	2077023	1922032	1735485	2204340	1069570	1316895	1212595	1431093	2845332
G3H3H9	2	2	7.007579	0.008303	2.192739	37C	31C	Aminopepti	1150191	1334151	2000010	3199459	3449688	3183866	2132198	987710.3	2000010	1867889	2568544	5219956
G3H445	1	1	2.455034	0.00844	1.916484	37C	31C	Vacuolar pr	122818	140010	92304.66	227186.2	203230.3	250189.3	227677.2	103653.4	92304.66	132634.4	151319.8	410186.1
G3I2P6	1	1	2.530717	0.008471	1.589268	37C	31C	DnaJ-like su	706496.3	778309.5	573747.8	1011424	1124154	1136015	1309687	576204.8	573747.8	590483.4	837014.4	1862499
G3H7B1	1	1	2.952107	0.008505	2.129701	37C	31C	Disks large-	544699.1	854427.6	623617.1	1211297	1469239	1627304	1009751	632557.3	623617.1	707172.2	1093956	2667969
Q9HB90	1	1	2.079209	0.008611	1.908449	37C	31C	Ras-related	402743.1	305063.6	366224.3	634684.1	585018.1	830031.5	746596.1	225847.4	366224.3	370537.4	435588.6	1360839
G3I7L3	1	1	2.326359	0.008694	4.655772	37C	31C	Endoplasm	42798.11	49396.47	110506.3	276074.8	249472.3	418181.8	79338.18	36569.62	110506.3	161176.3	185750.3	685610.2
G3I4E8	1	1	5.719121	0.008788	2.229512	37C	31C	Fatty acid-b	11050835	9080183	14747680	27644191	21261432	28856840	20485789	6722320	14747680	16139061	15830687	47310868
G3I1R2	2	2	6.670628	0.008823	2.039018	37C	31C	Purine nucl	1641363	2391040	2156149	4265532	3470505	4882534	3042723	1770156	2156149	2490277	2584044	8004927
G3H951	2	2	6.20921	0.008861	1.854799	37C	31C	Importin su	2109448	1697516	1970901	2895614	4245342	3575821	3910447	1256720	1970901	1690499	3160967	5862568
G3I5Z5	1	1	2.490541	0.008926	2.820736	37C	31C	Prostaglanc	1569099	1848542	3295158	5967002	6136847	6831186	2908760	1368529	3295158	3483618	4569330	11199748
G3I8S7	1	1	2.399698	0.008955	2.005186	37C	31C	Polyadenyla	8665767	10898661	14280871	24150700	22826790	20888624	16064405	8068591	14280871	14099513	16996210	34246956
G3HZA8	1	1	2.367321	0.008965	1.655958	37C	31C	GAPDH |GA	111579.1	152984.2	135211.8	239777	223894.1	198339.6	206842.8	113258.6	135211.8	139985.1	166705.5	325178.3
G3HXK8	2	2	6.06744	0.008976	2.301785	37C	31C	Prenylcyste	265233.3	366525.3	485794.3	874991.9	779747.3	917627.5	491683.5	271349.2	485794.3	510832.4	580578.7	1504453
G3HQN3	1	1	3.23391	0.009005	33.95131	37C	31C	H-2 class I I	6589.711	29847.95	111141.2	2514984	1308077	1187434	12215.86	22097.29	111141.2	1468283	973958.8	1946801
G3I064	3	3	6.36712	0.009011	2.136202	37C	31C	Neutral alp	1590283	1298437	2238048	3969842	3419732	3562242	2948031	961270.5	2238048	2317649	2546240	5840305
G3I886	1	1	2.337254	0.009089	3.743556	37C	31C	TRM112-lik	586545.4	629829.3	1424255	3245039	2859353	3780953	1087325	466280.7	1424255	1894499	2128997	6198882
G3HPV6	3	3	7.200137	0.009109	1.826332	37C	31C	Histone H4	1.25E+08	1.33E+08	1.72E+08	2.92E+08	2.21E+08	2.7E+08	2.32E+08	98149903	1.72E+08	1.71E+08	1.65E+08	4.43E+08
G3GV42	1	1	2.248653	0.009132	8.988653	37C	31C	Asparaginyl	256304.6	66941.79	350778.3	2140371	1900427	2017776	475131.7	49558.93	350778.3	1249578	1415007	3308150
G3GZJ6	1	1	2.424995	0.009166	2.368449	37C	31C	Vesicle-ass	279036.6	325421.9	183564.9	717286	556785	592322.1	517271.7	240919.2	183564.9	418761.5	414567	971113.7
G3IFL3	1	1	2.704795	0.009253	2.290194	37C	31C	Signal reco	2767906	1942024	2694354	4760349	4969986	7226910	5131081	1437736	2694354	2779158	3700517	11848538
G3HI85	1	1	2.536419	0.009311	1.928889	37C	31C	Acetyl-CoA	822898.3	1046169	925716.7	2199580	1732460	1458788	1525470	774508.7	925716.7	1284145	1289943	2391687

G3ICC2	1	1	2.432784	0.009443	1.690155	37C	31C	BAG family	3729401	3195960	4243481	5396413	6984247	6496410	6913479	2366061	4243481	3150501	5200282	10650881
G3H9I8	1	1	5.61428	0.009477	2.031534	37C	31C	Caveolin | C	4629885	5482506	6620633	10223063	13937934	9832714	8582776	4058857	6620633	5968366	10377808	16120761
G3HD67	1	1	3.339471	0.009636	3.088119	37C	31C	PRPS1 | PRI	3208810	2263667	5025498	9873836	9496900	13048260	5948421	1675858	5025498	5764482	7071135	21392657
G3HNI7	1	1	2.291228	0.009683	1.626925	37C	31C	Lymphokine	476580.2	493798	594213.1	939626	882661.6	723185.5	883473.7	365572.8	594213.1	548566.7	657205.9	1185665
G3HP24	1	1	2.382406	0.009909	1.865511	37C	31C	Isoleucyl-tF	2105750	2080125	3011258	3987709	4988687	4449937	3903593	1539976	3011258	2328080	3714441	7295684
G3IBF7	1	1	2.271021	0.009994	3.764526	37C	31C	Ubiquitin-c	623630.4	821497.3	1304204	3572368	2304701	4472860	1156072	608178	1304204	2085598	1716018	7333266
G3HMA9	2	2	10.06541	0.010001	2.93386	37C	31C	NudC doma	438009.4	820941.4	977928	2247215	2064642	2250831	811972	607766.5	977928	1311955	1537276	3690244
G3IIE7	2	2	4.926659	0.010133	1.988115	37C	31C	Procollager	695600.2	1030036	1077333	1999404	1943513	1629709	1289488	762565.4	1077333	1167280	1447087	2671912
G3HHE4	1	1	2.242466	0.010269	1.701681	37C	31C	Leucyl-tRN	613031.1	748964.9	803053.1	1086998	1434058	1163166	1136423	554480.2	803053.1	634604.7	1067761	1907014
G3I2J5	1	1	2.471623	0.010422	2.085564	37C	31C	Protein unc	2186301	1241908	1773525	3522784	3514868	3810899	4052916	919420.2	1773525	2056650	2617076	6247979
G3HP89	2	2	4.518798	0.010488	1.759914	37C	31C	GTP-bindin	1417798	1497463	2081473	3178201	2753855	2861765	2628283	1108615	2081473	1855478	2050446	4691872
G3HGT4	1	1	2.423335	0.010492	2.213956	37C	31C	Uncharacte	65150.18	38376.79	64907.52	135205.5	119340	118361.1	120773.9	28411.44	64907.52	78934.82	88857.36	194053.3
G3GXZ0	1	1	3.032008	0.010498	2.175837	37C	31C	Protein-glut	1158279	966486.5	1373784	1911159	2710743	2990372	2147191	715517.7	1373784	1115761	2018346	4902723
G3I5H1	2	2	4.603806	0.010703	1.401081	37C	31C	Glutathione	2296288	2535983	2834731	3880863	3522129	3339102	4256807	1877461	2834731	2265702	2622482	5474466
G3HW34	1	1	3.704487	0.010721	4.836055	37C	31C	Prolow-den	297196.6	79954.43	157889.9	891533.9	827359.6	868593.5	550936.4	59192.56	157889.9	520489.8	616029.6	1424061
G3GTF3	1	1	2.346726	0.010911	2.001845	37C	31C	5'(3')-deoxy	13346352	8416423	11307080	19773262	25693836	20733626	24741166	6230920	11307080	11543904	19130935	33992835
G3IP86	1	1	3.043007	0.01097	2.279426	37C	31C	Replication	2561669	1768608	3022847	4599802	6466246	5694856	4748765	1309351	3022847	2685428	4814592	9336732
G3H451	1	1	2.520114	0.011279	2.224006	37C	31C	Nucleolar p	2194678	1364814	1906204	3310317	3938128	4907298	4068445	1010411	1906204	1932609	2932223	8045529
G3HQ64	1	1	2.749631	0.011394	6.026251	37C	31C	7-dehydroc	304298.4	472791.7	1262676	3465089	3552939	5274114	564101.5	350021.3	1262676	2022967	2645422	8646924
G3I958	1	1	2.148955	0.011545	2.612282	37C	31C	Protein DDI	845042.5	545469.1	576431.8	1280069	1595083	2263059	1566521	403826.4	576431.8	747321.9	1187655	3710291
G3HSM8	2	1	5.21297	0.011795	3.67992	37C	31C	Lamin-B2 |	122972.9	306104.1	304008.2	1026348	899131.9	772215	227964.5	226617.6	304008.2	599196.2	669469.3	1266048
Q2MH30	2	2	4.867935	0.011842	2.014343	37C	31C	Dihydrofola	1136838	1409758	2002020	2997993	3169147	2995331	2107444	1043684	2002020	1750270	2359661	4910853
G3HJM4	1	1	2.530979	0.01186	5.098854	37C	31C	Haloacid de	51217.68	66820.68	189937.1	489176.8	614274.3	466870.9	94946.19	49469.27	189937.1	285588.2	457372	765436.1
G3IDR5	2	2	4.517802	0.012037	3.622752	37C	31C	Telomere-a	131711.5	309597.1	303847.6	737561.5	841054.1	1120901	244163.9	229203.6	303847.6	430598.6	626226.1	1837720
G3GY37	1	1	2.284101	0.012787	2.092863	37C	31C	60S ribosor	1091147	1676350	1616600	3344964	3385659	2444694	2022744	1241050	1616600	1952836	2520870	4008082
G3HP44	1	1	2.21275	0.01295	1.62011	37C	31C	Kinesin-like	838642.2	899499.8	1054548	1287197	1753995	1483273	1554656	665925.5	1054548	751483.6	1305977	2431831
G3IAU0	1	1	2.549645	0.012989	2.990731	37C	31C	Uncharacte	193944.8	425904.1	349097.6	759182.8	1150698	987976.8	359530.5	315309	349097.6	443221.4	856778.9	1619791
G3I9S3	3	3	7.785202	0.013015	2.242314	37C	31C	60S ribosor	6010607	4794546	9043105	14856142	13169668	16480216	11142328	3549540	9043105	8673222	9805778	27019359
G3IC73	2	2	4.521183	0.013145	1.932952	37C	31C	Chloride ch	131343.6	140860.2	190346.5	274983.9	362693.7	256410	243481.7	104282.9	190346.5	160539.4	270051.9	420384.9
G3H6V7	4	4	14.69452	0.013305	1.916654	37C	31C	Lipoprotein	2478753	1565443	1515088	3500911	3486902	3667412	4595057	1158942	1515088	2043880	2596252	6012732
G3IAF9	1	1	2.358587	0.01348	1.50336	37C	31C	Short coiled	1411068	1203692	1273396	1726330	2275682	1843287	2615807	891127.7	1273396	1007856	1694411	3022074
G3H3P1	1	1	2.464911	0.013853	2.739227	37C	31C	RAB18 | RA	432722.4	518445.3	958826.7	1551355	1657376	2023177	802171.1	383820	958826.7	905702.8	1234037	3317004
G3HK00	1	1	2.437953	0.013896	3.423344	37C	31C	Guanine nu	1489048	2650680	4409105	10214871	8932321	10118402	2760364	1962375	4409105	5963583	6650764	16589148
G3H8F4	1	1	2.315924	0.014256	1.736242	37C	31C	Dystroglyca	1291754	1920179	1458616	2653035	3043077	2413094	2394625	1421564	1458616	1548879	2265793	3956274
G3I1Z7	1	1	2.493571	0.014494	2.550071	37C	31C	Developme	271164.3	263437	441161.2	945036.5	948945.4	594281.4	502678.2	195029.9	441161.2	551725.4	706559.1	974325.9
G3GWU4	2	2	6.353601	0.014515	1.728108	37C	31C	Vesicle-ass	1788914	2075688	2754426	4194275	3662508	3581615	3316249	1536691	2754426	2448676	2727004	5872067
G3H6X4	1	1	2.604869	0.014635	1.668711	37C	31C	Splicing fac	1149423	1267265	1617486	2193145	1982854	2555871	2130775	938192.7	1617486	1280388	1476379	4190357
G3HCB0	1	1	3.119205	0.014737	1.679045	37C	31C	PC4 and SF	2652546	3349482	3846173	6014018	5713393	4808164	4917230	2479718	3846173	3511067	4254037	7882997
G3I1E1	1	1	2.05512	0.014766	2.30351	37C	31C	60S ribosor	5527033	6528009	10927338	17518272	19462035	15959841	10245889	4832872	10927338	10227410	14490904	26166202
G3H1I3	1	1	2.530849	0.014804	1.616992	37C	31C	Set1/Ash2 l	2830142	2325081	2025936	3365808	4150381	4095692	5246454	1721324	2025936	1965005	3090261	6714898
G3H3Z5	1	1	2.912259	0.014914	2.481703	37C	31C	60S ribosor	552036.9	847870.2	917236.2	1371060	2154135	2225267	1023354	627702.6	917236.2	800443.6	1603911	3648332
G3HW62	1	1	2.846329	0.015079	1.597602	37C	31C	Elongation	883248	987335.2	1102684	1358212	1520689	1871196	1637345	730952.5	1102684	792942.8	1132264	3067830
G3H4I2	4	4	9.451606	0.015343	1.817306	37C	31C	Tropomyosi	13667182	9908187	13474185	18481637	22442666	26406091	25335915	7335315	13474185	10789836	16710202	43292858
G3IBL0	1	1	2.627132	0.015453	2.312172	37C	31C	Protein FAM	256452.7	283611	214653.9	395922.8	616278.5	732836	475406.3	209965.4	214653.9	231145.2	458864.3	1201487
G3I306	4	4	9.164084	0.015638	2.168515	37C	31C	Eukaryotic t	1319039	2117518	2588225	4168567	4445549	4450711	2445205	1567659	2588225	2433667	3310035	7296953
G3HQ69	3	3	6.943616	0.015814	2.174776	37C	31C	Src substra	1286500	903078.1	1176174	2300293	1847054	3172411	2384885	668574.7	1176174	1342943	1375266	5201176
G3HFJ1	1	1	4.118309	0.015853	3.570127	37C	31C	Scavenger r	302549.1	124068.8	231033.8	539203.2	776307.5	1032389	560858.7	91851.7	231033.8	314794.3	578017.5	1692605
G3H609	2	2	4.842409	0.015979	1.394935	37C	31C	Glutathione	6550628	5372585	5454986	8158641	8781773	7301039	12143407	3977479	5454986	4763127	6538671	11970073
D0UZH8	1	1	2.459342	0.016148	1.79037	37C	31C	Adenylosuc	3020885	2757529	3184318	5818704	4020091	6207810	5600049	2041478	3184318	3397040	2993251	10177721
G3GY95	2	2	7.517681	0.016305	1.988028	37C	31C	Eukaryotic t	26891873	17725480	26774595	38622546	47644901	55661742	49851550	13122682	26774595	22548377	35475103	91257576
G3HN72	1	1	2.641913	0.016469	1.615293	37C	31C	Microtubule	6639253	6229590	7258815	9309466	9921383	13281208	12307697	4611944	7258815	5434995	7387193	21774576
G3HAF4	1	1	2.310187	0.016612	3.215756	37C	31C	Splicing fac	671100.9	686888.7	1286074	2110747	2321363	4070555	1244072	508523.4	1286074	1232283	1728424	6673686

G3GXX4	1	1	2.786772	0.016675	1.597701	37C	31C	Dolichyl-dip	6434254	5293404	7897106	11036429	9726645	10591435	11927675	3918859	7897106	6443220	7242196	17364687
G3H5T7	1	1	2.774575	0.016685	1.609957	37C	31C	Chromobox	1401675	1020538	1296637	2171571	1711892	2103724	2598393	755533.7	1296637	1267793	1274629	3449061
G3HMB2	1	1	3.160693	0.0167	2.591788	37C	31C	Transmemb	485207.5	1051834	856075.1	2453219	1760598	1988634	899466.8	778702.7	856075.1	1432223	1310894	3260371
G3H8F9	1	1	5.748177	0.016857	2.145548	37C	31C	Transformir	9885866	6741258	10348029	15633598	17561035	24681842	18326195	4990747	10348029	9127111	13075471	40465946
G3GTC9	1	1	2.141325	0.017322	1.709151	37C	31C	Phosphoac	435245	468318.1	583013.2	684719.5	887406.5	968657.1	806847.3	346709.3	583013.2	399748.7	660738.8	1588116
G3H1M4	1	1	3.462198	0.017755	15.00676	37C	31C	Eukaryotic t	17107.44	79009.87	140410.7	537279.4	948250.2	2063990	31713.39	58493.27	140410.7	313671.1	706041.4	3383916
G3I180	6	6	20.13863	0.017817	1.479335	37C	31C	TRAF family	12852672	11197799	13050359	15450523	20806479	18627536	23825994	8290052	13050359	9020230	15491941	30539896
G3IM94	1	1	2.534284	0.018073	1.685707	37C	31C	60S ribosor	1643234	1121586	1603876	2589834	2162936	2611571	3046191	830342.3	1603876	1511981	1610463	4281677
G3HF65	1	1	2.349973	0.018258	2.256295	37C	31C	ATP synthas	1156191	1486030	2375386	4037736	3276156	4007309	2143321	1100151	2375386	2357286	2439337	6569993
G3GTS4	1	1	2.330062	0.018533	2.531178	37C	31C	Zinc finger p	506310.6	446500.5	961621.2	1349659	1631755	1864357	938587.1	330557.1	961621.2	787949.4	1214960	3056618
G3H283	1	1	2.23649	0.018778	2.206221	37C	31C	Uncharacte	147171.5	199260.7	310591.1	480332.7	511828.6	457377.2	272823.2	147518.4	310591.1	280424.9	381093.7	749871.2
G3H0L9	1	1	2.527771	0.018807	9.645508	37C	31C	Cathepsin F	387146.9	68090.28	284497.3	1268147	1988031	3878938	717684.2	50409.19	284497.3	740361.7	1480234	6359529
G3GY55	1	1	2.70735	0.018862	3.552885	37C	31C	Period circa	1402214	759564.8	2294412	3852524	5776629	6203181	2599393	562327.6	2294412	2249157	4301121	10170133
G3I2I9	2	2	9.682486	0.018984	1.718362	37C	31C	60S ribosor	9070445	9880591	14296787	20818069	18025126	18288603	16814587	7314885	14296787	12153877	13421020	29984214
G3HWT7	1	1	2.12468	0.019378	2.201382	37C	31C	FYVE and c	438889.6	413631	386066.7	609712.1	923425.5	1193467	813603.7	306222.9	386066.7	355958.4	687557.6	1956692
G3H6L8	1	1	3.179241	0.019388	1.814049	37C	31C	Centrosom	218388.9	136384.1	199884.8	367280.1	289886.9	349009.5	404844.4	100969.1	199884.8	214423.2	215842	572202
G3HM03	1	1	2.029538	0.020031	1.848223	37C	31C	Synaptic ve	3674285	3894799	6101753	9286980	7608161	8371611	6811307	2883432	6101753	5421867	5664830	13725279
G3H011	1	1	3.6966	0.020167	2.194361	37C	31C	40S ribosor	7690716	6591567	13361832	18120242	20404133	22136805	14256877	4879926	13361832	10578848	15192365	36293352
G3H1E5	1	1	1.959414	0.020418	1.69502	37C	31C	Dynein light	2227212	1613007	1984297	3473501	2651258	3747910	4128755	1194155	1984297	2027878	1974055	6144709
G3HHS0	1	1	3.392383	0.020465	4.373795	37C	31C	Zinc finger (	234771.2	616109.1	1013391	2257749	3027409	2868781	435213.6	456123.2	1013391	1318105	2254127	4703375
G3H5V0	4	4	11.67945	0.020526	2.363064	37C	31C	Importin su	2538892	1961432	4359560	6470896	7979159	6486418	4706541	1452105	4359560	3777799	5941065	10634499
G3HRD9	1	1	2.50001	0.020589	3.280882	37C	31C	Proteasome	734439.3	963530.7	2118763	5033267	3209908	4279074	1361487	713329.4	2118763	2938491	2390011	7015553
G3HRP3	1	1	3.574213	0.020731	2.204682	37C	31C	Citrate synt	1323153	1176245	1914688	3037123	4212511	2482022	2452831	870808.2	1914688	1773114	3136521	4069282
G3HYV1	1	1	2.358048	0.020772	2.396604	37C	31C	Armadillo re	440246.3	528557.1	970178.4	1756697	1539355	1350918	816118.6	391306	970178.4	1025584	1146162	2214834
G3HRW5	1	1	2.379042	0.020932	1.879009	37C	31C	G2/mitotic-	114808.9	118625.9	178323.5	208944.7	279124.8	285628.1	212830.1	87822.17	178323.5	121984.8	207828.7	468288
G3HAA1	1	1	2.56238	0.021061	1.599923	37C	31C	Heterogene	4273898	2943605	3389703	5864746	6195487	4910485	7922857	2179235	3389703	3423920	4612992	8050754
G3IB53	1	1	2.728601	0.021329	7.956009	37C	31C	Golgi-assoc	676620.8	129467.7	452569.1	1684377	3177753	5151761	1254305	95848.67	452569.1	983362.5	2366069	8446326
G3HEZ1	1	1	2.542029	0.021411	3.559772	37C	31C	Eukaryotic t	99111.77	198391.1	227785.8	418814.5	531213.9	919879.4	183731.2	146874.6	227785.8	244509.7	395527.5	1508145
G3HCS8	1	1	2.61317	0.021867	1.5288	37C	31C	Nucleolar p	1003130	1095403	1379590	2022025	1681806	1613521	1859579	810958	1379590	1180486	1252227	2645372
G3HBP8	1	1	2.6286	0.021936	1.826926	37C	31C	40S ribosor	2825890	4426201	4155657	7253714	7837487	5749912	5238571	3276843	4155657	4234819	5835580	9426996
G3HLH5	1	1	2.265883	0.022033	2.308618	37C	31C	Spermatid p	39057.35	35758.85	77945.13	121461.6	119265.6	111940.3	72403.64	26473.3	77945.13	70910.98	88801.92	183526.4
G3HYG9	1	1	2.245251	0.022326	4.063758	37C	31C	Mitochondr	937895.4	417487.1	902919.5	1858450	2546122	4772620	1738649	309077.7	902919.5	1084989	1895774	7824724
G3I9M1	1	1	2.065981	0.02246	4.220005	37C	31C	Signal pept	140884.4	159588.2	593472.3	1179926	1274655	1317871	261168.4	118147.7	593472.3	688857	949073.6	2160654
G3HHE1	1	1	1.946965	0.022539	1.835466	37C	31C	Transcriptic	211033.6	161093.5	255834.8	443409.3	397880.4	311313.4	391209.4	119262.1	255834.8	258868.5	296251	510399.2
G3IJZ9	1	1	2.46391	0.023179	2.456037	37C	31C	PITSLRE se	260962.2	288978.1	423483	539153.8	783120.3	1068489	483765.8	213938.8	423483	314765.5	583090.2	1751791
G3HY75	1	1	2.806369	0.023316	1.855643	37C	31C	Serine/thre	619132.4	516270.8	780098.7	1099297	1481264	973925.5	1147734	382210.1	780098.7	641784.8	1102909	1596753
G3GXX3	2	2	5.540482	0.023402	3.139296	37C	31C	Dolichyl-dip	1270967	417541.4	883055.7	2162818	2799679	3110406	2356090	309117.9	883055.7	1262683	2084565	5099518
G3GZ90	1	1	3.065454	0.023508	1.709963	37C	31C	Calumenin	7219200	5488075	7358355	9120989	13557409	11633085	13382791	4062979	7358355	5324960	10094480	19072475
G3I5Q9	1	1	2.415597	0.023612	1.694353	37C	31C	Ras-related	4936619	7484545	7849614	11434700	10605056	12306093	9151394	5541023	7849614	6675736	7896238	20175872
G3I2F8	1	1	2.026688	0.023774	2.399221	37C	31C	U4/U6.U5 t	191267.1	296221	461386.2	792529.7	660772.5	823257.2	354566.6	219300.9	461386.2	462689.8	491993.3	1349732
G3H4X0	2	2	5.459072	0.023794	2.078952	37C	31C	LanC-like p	2480088	1822466	3830678	5350035	5487360	6071203	4597532	1349224	3830678	3123425	4085740	9953753
G3HTJ2	1	1	2.362044	0.024009	2.282329	37C	31C	Septin-7 (Fr	1342406	1553752	3002789	4423728	4831143	4208467	2488522	1150287	3002789	2582634	3597138	6899793
G3IKC3	2	2	4.793838	0.024022	1.945252	37C	31C	Glutathione	804790.8	960931.9	1458233	1870968	1951748	2448690	1491903	711405.5	1458233	1092297	1453219	4014633
G3I230	1	1	3.416198	0.024059	1.752877	37C	31C	Oligoribonu	1236878	1926052	1259360	2754797	2209690	2787246	2292897	1425912	1259360	1608288	1645275	4569697
G3HGY8	1	1	3.279193	0.024187	1.903227	37C	31C	Elongation	96965640	96999528	1.56E+08	1.81E+08	2.33E+08	2.51E+08	1.8E+08	71811533	1.56E+08	1.06E+08	1.74E+08	4.12E+08
G3I834	1	1	2.637749	0.024255	4.229012	37C	31C	Cytochrom	496018.2	232304.5	1113541	2966283	2661384	2161597	919507.4	171981.7	1113541	1731757	1981595	3543944
G3I5B3	1	1	2.354193	0.024547	7.021961	37C	31C	Serine/thre	47719.48	56150.67	378213.1	874313	1462950	1047906	88461.3	41569.95	378213.1	510436	1089273	1718045
G3H1W2	1	1	2.121644	0.024704	1.549724	37C	31C	PEF1 |PEF1	1580672	2203097	1826065	2545952	3353205	2794539	2930213	1631016	1826065	1486362	2496706	4581654
G3HLJ9	2	2	4.297063	0.024712	2.015969	37C	31C	60S ribosor	904181.3	777390.4	1456833	2380352	1773190	2173385	1676151	575524.4	1456833	1389682	1320269	3563271
G3H6P9	1	1	2.580425	0.024861	2.339267	37C	31C	C-4 methyls	1110302	1467335	2547994	4605061	3442095	3943067	2058253	1086310	2547994	2688498	2562891	6464668
G3HDT6	1	1	2.441315	0.025295	1.663385	37C	31C	Histone H2.	1.67E+08	1.88E+08	1.78E+08	3.12E+08	3.53E+08	2.23E+08	3.1E+08	1.39E+08	1.78E+08	1.82E+08	2.63E+08	3.65E+08
G3GTB7	1	1	2.146252	0.02531	2.581827	37C	31C	Heterogene	385273.4	309214.9	318826	530254.6	837972.7	1247975	714211.2	228920.7	318826	309570	623931.8	2046058

G3GYJ5	1	1	3.093144	0.025462	1.69948	37C	31C	Cytoskelet	5441318	3236205	4769427	7699158	7176767	7976899	10086993	2395855	4769427	4494875	5343626	13078147
G3II69	1	1	3.113748	0.025844	1.620625	37C	31C	DNA damag	2494719	2055830	3115260	4122880	4693250	3607272	4624654	1521990	3115260	2406995	3494467	5914132
G3H942	2	2	4.947943	0.025956	1.538693	37C	31C	Histone dea	5331800	4882740	4847352	6358521	9486082	7331030	9883970	3614832	4847352	3712192	7063079	12019243
G3I310	2	2	4.354545	0.026235	1.610806	37C	31C	26S proteas	2159532	2537386	3369348	3869906	4400180	4723101	4003292	1878500	3369348	2259305	3276255	7743537
G3I0M2	1	1	2.627632	0.026272	3.080192	37C	31C	Platelet-act	282448.9	625527.9	735888.8	1792713	2090658	1180050	523597.3	463096.3	735888.8	1046611	1556647	1934695
G3I775	1	1	3.203886	0.026402	1.760276	37C	31C	UPF0195 pr	1682435	1261844	1373766	2293525	2063158	3244266	3118859	934179	1373766	1338992	1536172	5318982
G3H229	3	3	11.37586	0.027197	1.665653	37C	31C	GMP synthe	1278737	1023935	1385718	1680461	1951027	2512093	2370494	758048.7	1385718	981076.6	1452682	4118583
G3HQL6	2	2	5.780249	0.027273	1.59965	37C	31C	Thioredoxin	4919227	4317679	6529043	7259574	8931947	9028475	9119153	3196502	6529043	4238240	6650485	14802210
G3HDT0	1	1	2.420624	0.027309	2.698721	37C	31C	Histone H2	131153.6	383911.8	229174.2	673020	586519.2	748956.2	243129.5	284220.9	229174.2	392918.4	436706.3	1227916
G3HNJ6	1	1	2.813869	0.027439	2.02665	37C	31C	60S ribosor	3430344	4784426	7306107	10996419	9736698	10722260	6359094	3542048	7306107	6419862	7249682	17579174
G3HQP8	1	1	2.126773	0.027569	1.991995	37C	31C	Tubulin bet	17719948	16859670	25274654	29153376	49840476	40235530	32848842	12481697	25274654	17020144	37109869	65966261
G3HLY0	1	1	2.755469	0.027657	1.882955	37C	31C	Tubulin gan	803035.9	1503167	972468.9	2308553	1854833	2010204	1488650	1112837	972468.9	1347765	1381058	3295735
G3GY25	1	1	2.620495	0.027914	3.318508	37C	31C	Nuclear por	56675.14	115419	225209.4	464710	443378.9	410365.9	105063.1	85447.99	225209.4	271304.1	330127.9	672796
G3GR95	1	1	2.325387	0.028037	3.559126	37C	31C	La-related p	83389.32	180397.4	212448.9	689754.4	681835.6	323392.8	154585.2	133553.4	212448.9	402688.1	507676.3	530203.4
G3HV67	1	1	4.036021	0.028357	1.739024	37C	31C	Histone H3	11941306	18250343	17257067	29359914	30843499	22311037	22136525	13511253	17257067	17140725	22965234	36579005
G3HEV1	1	1	2.667816	0.028365	1.774511	37C	31C	Protein FAM	1463020	1127475	1846384	2138448	2970776	2764063	2712113	834701.8	1846384	1248456	2211959	4531689
G3H0A7	1	1	2.29402	0.028494	1.732042	37C	31C	Eukaryotic t	1785816	1377307	1310546	2367831	2116188	3264562	3310506	1019660	1310546	1382373	1575656	5352258
G3HEQ2	1	1	2.808131	0.028721	2.594179	37C	31C	Putative tRI	286206.2	720397.2	719918.9	1533156	1555535	1390217	530562.7	533330.7	719918.9	895077.6	1158210	2279264
G3H1B2	1	1	2.323441	0.028901	5.414287	37C	31C	Alpha-amin	46358.28	105520.6	329251.2	608406.2	1036056	960514.3	85937.94	78119.9	329251.2	355196	771419	1574766
G3HDR3	2	2	7.655882	0.029325	1.314594	37C	31C	T-complex p	11707808	11005094	13011131	13889117	15645065	17428421	21703671	8147387	13011131	8108659	11648892	28573943
G3GUS2	2	2	5.480642	0.029331	2.439893	37C	31C	ADP-ribosyl	1357201	2411364	3504287	6873914	5695030	5176034	2515950	1785202	3504287	4013086	4240365	8486122
G3HKN2	1	1	2.986735	0.029667	2.949069	37C	31C	Transforme	299065.1	873964.4	617193.3	1441793	2298240	1539458	554400.1	647020.9	617193.3	841738.7	1711207	2523945
G3H627	1	1	2.339478	0.029734	4.387993	37C	31C	Serine/thre	507700.3	155521.4	618084.4	1178847	2383232	2060283	941163.3	115137	618084.4	688227.2	1774490	3377840
G3HMB9	1	1	1.953486	0.029759	1.813084	37C	31C	Histone H2	1.64E+08	1.21E+08	1.91E+08	2.9E+08	2.28E+08	3.46E+08	3.04E+08	89616170	1.91E+08	1.69E+08	1.69E+08	5.67E+08
G3H7Y0	1	1	2.230406	0.029857	2.069595	37C	31C	Coatomer s	312909.5	360504.5	616227.2	1036956	903603.6	728475.1	580064.5	266891.8	616227.2	605389.4	672798.8	1194337
G3GY17	3	3	7.763955	0.030334	1.33446	37C	31C	Cullin-asso	2775605	3019191	3021638	3478670	3726143	4560363	5145354	2235193	3021638	2030896	2774385	7476728
G3HHL3	1	1	2.570969	0.031115	1.580875	37C	31C	Eukaryotic t	1249831	1682172	1663169	2906006	2065793	2292593	2316910	1245360	1663169	1696567	1538134	3758713
G3HVN3	1	1	2.142981	0.031374	2.138019	37C	31C	RAF proto-c	236170.4	161498.6	227947.3	329379	385818.3	622382.1	437807.3	119562	227947.3	192296	287269.9	1020397
G3HGF9	1	1	3.103278	0.031884	1.713371	37C	31C	Protein tran	2592237	2676835	2281198	3606773	3623417	5706225	4805430	1981738	2281198	2105684	2697898	9355371
G3H4D2	1	1	2.06958	0.032233	1.782641	37C	31C	Glycosyltra	1812817	1750200	1888634	3020919	2401215	4296204	3360559	1295723	1888634	1763655	1787880	7043638
G3I542	1	1	2.543968	0.032433	1.633251	37C	31C	ATPase fam	878483.5	888570.4	1390934	1852949	1563217	1741619	1628513	657834.1	1390934	1081777	1163929	2855388
G3HY03	1	1	5.274537	0.032545	2.062636	37C	31C	D-dopachro	5062970	5742204	4081834	9328191	7284845	14093436	9385621	4251118	4081834	5445927	5424098	23106226
G3ILJ8	1	1	2.24376	0.032572	1.813378	37C	31C	Actin-relate	1057797	896239.7	1634973	2407833	1873025	2227374	1960921	663512	1634973	1405726	1394603	3651786
G3H5W0	1	1	2.909645	0.033261	1.671905	37C	31C	Proteasome	4663867	4307518	7045879	7761851	9296511	9720983	8645772	3188979	7045879	4531476	6921930	15937578
G3I877	1	1	2.318583	0.033323	2.351062	37C	31C	Stress-indu	4151505	2261379	3012091	4955983	7330243	9872478	7695967	1674163	3012091	2893372	5457900	16185954
G3HLV6	1	1	2.44689	0.033379	2.392919	37C	31C	ATP-citrate	386118.7	580616.9	748270	1788241	1397127	918500.7	715778.2	429847.3	748270	1044000	1040263	1505884
G3I7M2	2	2	5.960248	0.033563	6.087512	37C	31C	Elongation	144943.4	248478	1610322	3314177	4217645	4665988	268692.8	183955.4	1610322	1934862	3140344	7649901
G3IAQ6	1	1	2.301667	0.033675	1.875937	37C	31C	Fanconi ane	85849.53	66037.26	96249.43	204833.3	140624.7	120029.9	159145.9	48889.28	96249.43	119584.5	104705.3	196789.3
G3HC12	1	1	1.906439	0.034042	1.593091	37C	31C	Transcriptic	930405	643563.3	651471.7	1226473	989621	1329234	1724764	476448.4	651471.7	716031.8	736845	2179283
G3GUP7	1	1	2.32081	0.034088	1.700693	37C	31C	Ubiquitin ca	1868446	1838916	2776184	4472225	3218328	3335965	3463683	1361402	2776184	2610947	2396280	5469324
G3H9Z4	1	1	2.022066	0.034459	1.773422	37C	31C	Serine-thre	1206443	1713366	2252375	2719954	3355076	3097433	2236477	1268454	2252375	1587947	2498099	5078249
G3IA94	1	1	2.251399	0.034718	2.530592	37C	31C	MYL12B | M	481012.9	326956.5	586210.7	704904.5	1462935	1360262	891691	242055.3	586210.7	411533	1089262	2230154
G3I2Y1	3	3	6.843573	0.035375	1.5971	37C	31C	Aspartate a	4795263	3059423	4257879	5606909	6488140	7249930	8889350	2264979	4257879	3273391	4830893	11886279
G3H125	1	1	2.705131	0.035434	2.558437	37C	31C	Neutral ami	201958.1	179665.6	323659.7	734461.2	358013.1	711948.7	374385.4	133011.6	323659.7	428788.6	266566.9	1167242
G3HMX7	1	1	2.62037	0.03587	1.602864	37C	31C	Polyadenyla	1144461	701841.8	903085.7	1667152	1409338	1330406	2121577	519593.6	903085.7	973306.7	1049355	2181204
G3IK13	1	1	3.085636	0.035886	1.786633	37C	31C	Eukaryotic t	587992.9	678891.1	596522.4	784577.7	1416860	1127785	1090008	502602.5	596522.4	458047.3	1054956	1849007
G3GUI3	3	3	8.933527	0.036365	1.3825	37C	31C	Peptidylpro	2446766	2314827	2639074	3409432	2856032	3965957	4535760	1713733	2639074	1990474	2126524	6502196
G3H559	1	1	2.127014	0.036526	1.935206	37C	31C	Alpha-mani	914524.3	660720.5	887750.6	1463107	1161305	2141991	1695325	489150.3	887750.6	854182.4	864676.3	3511800
G3I595	1	1	2.581724	0.036624	1.983104	37C	31C	Histidyl-tRN	456538.3	362440	641155.2	952007.5	725020.2	1218569	846320.4	268324.7	641155.2	555795.2	539830.4	1997847
G3GV47	1	1	3.339229	0.036657	2.593391	37C	31C	Leucine-ric	513742.2	1592494	927268.6	2969516	2179762	2717785	952363.7	1178969	927268.6	1733645	1622992	4455815
G3I1H0	1	1	3.163703	0.036672	2.573266	37C	31C	DNA helicas	2251863	1415995	3273495	3928360	6294298	7639294	4174453	1048302	3273495	2293431	4686564	12524643
G3I4H5	1	1	2.546737	0.036684	1.510125	37C	31C	Serine/thre	1007198	994818.1	1260589	1508355	1415064	2003521	1867121	736492.3	1260589	880598.3	1053618	3284778

G3HSW2	1	1	2.25963	0.037746	1.732064	37C	31C	Uncharacte	1220737	1572650	1065469	1733079	2170465	2780241	2262975	1164278	1065469	1011796	1616070	4558212
G3H2E2	1	1	2.44628	0.038203	1.710286	37C	31C	HNRNPAB	849405.5	1152745	780477.3	2004892	1449298	1304900	1574609	853410.4	780477.3	1170484	1079108	2139387
G3H0F1	1	1	2.42862	0.038224	2.974887	37C	31C	Alpha-mani	779287.7	353061.6	1232583	1761534	2410744	2863129	1444626	261381.7	1232583	1028408	1794975	4694108
G3H761	1	1	2.142104	0.038716	2.138343	37C	31C	Tetratricope	28748.2	62538.72	33329.8	74650.02	110143.4	81679.91	53292.77	46299.21	33329.8	43581.71	82009.79	133914.4
G3GZX7	1	1	2.321295	0.038765	1.729798	37C	31C	Phosphatid	78764.21	119786.7	134588.3	187578.4	224604.4	164080.6	146011.3	88681.56	134588.3	109510.9	167234.4	269010.6
G3HT77	1	1	3.152445	0.038801	1.562445	37C	31C	Cytoplasmi	1086112	1533803	1302565	1724264	1924599	2479796	2013410	1135518	1302565	1006649	1433004	4065633
G3HFN7	1	1	2.414042	0.038816	1.529964	37C	31C	Pyridoxal-d	128323.9	138387.3	125086.3	214200.1	151712.9	233523.1	237883.9	102452.1	125086.3	125053	112961.3	382861.8
G3HP15	1	1	2.700796	0.038935	1.580895	37C	31C	Cytochrom	4768620	2874335	4398593	6045584	6451295	6539540	8839960	2127953	4398593	3529496	4803460	10721593
G3HFY3	1	1	3.151178	0.039038	2.106298	37C	31C	Mitogen-ac	3098654	3712062	5731888	6194566	9287677	10936216	5744216	2748146	5731888	3616474	6915353	17929956
G3GYM0	1	1	5.1165	0.039046	1.838857	37C	31C	Nuclear por	563500.8	687724.1	866213	1330358	1614416	948891.3	1044605	509141.9	866213	776681.5	1202050	1555710
G3I0D8	1	1	2.682583	0.039286	2.483269	37C	31C	NADH-cyto	440817.4	1154149	869245.8	1783832	2652989	1682479	817177.5	854449.4	869245.8	1041426	1975344	2758428
G3HXT4	1	1	2.206701	0.039365	1.521048	37C	31C	Protein kina	3058414	4308885	4216214	4904192	6322646	6392240	5669618	3189991	4216214	2863135	4707671	10480095
G3HAF8	1	1	2.260593	0.040357	3.276699	37C	31C	Protein VAC	21653.93	12208.48	56001.76	105971.1	111550	76936.8	40141.57	9038.289	56001.76	61867.37	83057.14	126138.1
G3HN77	1	1	2.511556	0.040413	1.62519	37C	31C	Polyadenyla	9596769	12697142	14453683	16098756	20118814	23504265	17790275	9400058	14453683	9398677	14979924	38535305
G3H7F1	1	1	2.633895	0.040612	7.349603	37C	31C	Nuclear cap	2512.907	12042.51	55781.64	166583.8	183117.3	167248.3	4658.37	8915.415	55781.64	97253.96	136344.2	274204
G3IB49	1	1	2.105984	0.041341	1.82023	37C	31C	Protein FAM	137035.7	89586.12	160222.1	275626.1	241284.9	187233.8	254033.6	66323.18	160222.1	160914.4	179654.2	306970.4
C0SSX9	1	1	2.685437	0.041575	1.507061	37C	31C	ILK |ILK	345543.5	273967.4	436138.7	536830.5	480644	573453.5	640560.8	202825.9	436138.7	313409.1	357874.5	940178.6
G3HP76	2	2	5.424138	0.042241	1.610503	37C	31C	3-hydroxy-3	14739288	10408119	17709236	23552990	25188264	20279482	27323362	7705429	17709236	13750562	18754499	33248266
G3GYX2	1	1	2.070471	0.042349	1.707097	37C	31C	Nucleolar p	1354129	1094601	2000729	2308161	2907253	2380245	2510255	810364.8	2000729	1347536	2164662	3902417
G3IBQ9	1	1	2.178739	0.042535	1.995194	37C	31C	Phenylalany	102391.1	77680.2	89503.58	155202.3	127182.1	255469.8	189810.4	57508.88	89503.58	90609.27	94696.35	418843.4
G3GYC6	1	1	2.537682	0.043533	2.40765	37C	31C	Profilin-1 |P	496921.2	798086.7	1380447	2543625	2279606	1618327	921181.4	590846.5	1380447	1485004	1697333	2653251
G3I784	1	1	3.061052	0.043633	2.137587	37C	31C	Enolase-ph	823188	1951525	1331416	2329588	3522551	2925070	1526007	1444770	1331416	1360046	2622796	4795659
G3H7U2	2	2	8.886372	0.043845	1.758553	37C	31C	Structural n	2352066	2022375	2744862	3285413	3617336	5616924	4360207	1497222	2744862	1918069	2693370	9208962
G3HGU3	1	1	3.225941	0.044014	2.357275	37C	31C	Disabled-lik	281645.6	459387.5	629124.3	721958.9	1372199	1135680	522108.2	340097.7	629124.3	421489.6	1021702	1861951
G3GZ89	3	3	7.193599	0.044171	1.393501	37C	31C	Inosine-5'-n	10671490	8424624	9274726	10971076	13756713	14807002	19782568	6236991	9274726	6405066	10242876	24276120
G3HJT6	1	1	3.016924	0.044319	1.798602	37C	31C	60S ribosor	4110041	5132048	7381369	11550686	7788439	10559865	7619101	3799402	7381369	6743450	5799061	17312928
G3I4I8	1	1	2.113774	0.045022	2.132407	37C	31C	CDP-diacyl	61507.27	98488.52	161250.6	197498.6	235243.1	252286.3	114020.8	72913.88	161250.6	115302.4	175155.6	413624
G3HTF7	1	1	2.223343	0.045363	1.650102	37C	31C	Myosin-Ic |	4082965	2724713	3360546	4299773	5861456	6617373	7568909	2017183	3360546	2510267	4364282	10849202
G3I2X8	1	1	2.223902	0.045818	2.001893	37C	31C	CCR4-NOT	219885.5	215267.2	263108.2	335049.5	382397.1	680397.4	407618.9	159368.5	263108.2	195606.6	284722.5	1115513
G3GU61	1	1	1.979072	0.045836	1.667723	37C	31C	Serine/thre	683388	383002.2	636352.8	868443.2	942523.8	1028736	1266849	283547.5	636352.8	507009.2	701777.7	1686616
G3HD97	1	1	2.492497	0.04591	9.073907	37C	31C	Thioredoxin	6759.169	20866.68	406790.7	1416710	1512203	1012943	12530	15448.2	406790.7	827094.6	1125945	1660722
Q3HR12	1	1	3.118527	0.046023	1.568624	37C	31C	Guanine nu	1516208	1658384	2230875	3179231	3041143	2258770	2810712	1227749	2230875	1856079	2264353	3703259
G3I3B5	1	1	2.089123	0.04627	53.41981	37C	31C	Rho-relatec	7277.154	0	0	65340.38	117710.8	205693	13490.22	0	0	38146.62	87644.29	337234.2
G3HDY7	1	1	3.586858	0.046993	1.705008	37C	31C	60S acidic r	9576883	8559853	14379658	16039906	22752003	16648818	17753411	6337105	14379658	9364319	16940525	27295782
G3HJK8	1	1	3.122723	0.047213	2.537613	37C	31C	MICOS com	608209.5	239451.1	720086.6	1512685	1418244	1047408	1127485	177272.5	720086.6	883126.2	1055986	1717228
G3H6D0	1	1	2.878825	0.047227	2.054035	37C	31C	Ribonucleo	150534.4	388128.7	259440.5	592370.8	547216.9	499745.3	279057.2	287342.8	259440.5	345834.3	407442.9	819333.7
G3I881	1	1	2.627316	0.047511	2.805427	37C	31C	Peptidylpro	229044	613519	228175.6	1318900	1041856	643122.3	424596.6	454205.7	228175.6	769992.3	775738	1054401
G3I717	1	1	2.073363	0.047704	2.181641	37C	31C	TBC1 doma	290275.5	132878.9	144875	387627	316295.6	535313.4	538106.1	98374.05	144875	226302	235505.1	877647.8
G3I5F4	1	1	2.037828	0.048611	2.031786	37C	31C	Protein can	47012.65	81809.52	80496.75	175613.7	151931.2	97746.3	87150.99	60565.93	80496.75	102525.7	113123.9	160255.3
G3I132	1	1	4.068585	0.048973	1.62656	37C	31C	Acetoacety	2015397	2200194	2871755	3406122	3199981	4921893	3736097	1628867	2871755	1988541	2382619	8069457
G3H7T9	1	1	2.504464	0.049217	1.975511	37C	31C	E3 ubiquitir	801463.4	596926.1	1364982	1544235	1744457	2170378	1485735	441921.5	1364982	901546	1298875	3558340
G3IJB9	1	1	2.91947	0.049455	3.00591	37C	31C	UDP-N-ace	115203.3	278323	362269.4	1031332	470829.6	769692.5	213561.2	206050.5	362269.4	602105.8	350567	1261913
G3HZE9	1	1	2.08419	0.049531	4.802119	37C	31C	Valyl-tRNA	38303.93	110842.9	513324.1	1122600	1001187	1057478	71006.97	82060.2	513324.1	655389.2	745456.7	1733738
G3GUT3	1	1	2.873043	0.049541	1.748861	37C	31C	Ras GTPase	3181830	2386330	3391114	3907284	4920988	6840251	5898405	1766668	3391114	2281126	3664034	11214610
G3GVL9	1	1	4.202732	0.049654	1.641885	37C	31C	60S ribosor	2976939	3003205	4910416	6967089	5244371	5669592	5518583	2223359	4910416	4067483	3904817	9295312
G3IAB9	2	2	4.781375	0.049788	1.135479	37C	31C	Eukaryotic t	10344241	9302166	9044803	10409950	11170589	10997724	19175922	6886661	9044803	6077473	8317318	18030798
G3H6K1	2	2	4.376359	0.052049	1.176264	37C	31C	Heterogene	5349366	5932938	5715527	7240831	6083290	6669813	9916534	4392324	5715527	4227298	4529453	10935177
G3I8R9	8	8	24.12992	0.054457	1.411511	37C	31C	endoplasm	72873066	52212713	58141676	78125602	79371927	1.01E+08	1.35E+08	38654569	58141676	45610808	59098187	1.66E+08
G3H2C6	2	2	5.101823	0.060258	1.313923	37C	31C	Voltage-dep	8601488	6853687	8331640	8879578	11112315	11262141	15945245	5073981	8331640	5184021	8273929	18464311
G3IIT5	4	4	15.57356	0.067371	1.221021	37C	31C	Nucleosom	17511046	16716083	16546148	22336504	17654568	22004175	32461583	12375396	16546148	13040360	13145113	36075904
G3I3G8	2	2	5.275786	0.078358	1.244307	37C	31C	Transaldola	2908284	2670144	2936912	3739435	3893386	2962875	5391312	1976784	2936912	2183134	2898910	4857641
G3HJ89	4	4	9.226702	0.080228	1.299688	37C	31C	Clathrin hea	8685514	7447437	10448260	10502801	12878968	11165499	16101011	5513551	10448260	6131681	9589331	18305866

G3IHY5	3	3	9.441907	0.088575	1.224804	37C	31C	6-phospho	23383565	19001304	21128066	26179158	22827648	28784085	43347928	14067210	21128066	15283755	16996848	47191586
G3IEG9	3	3	7.705005	0.091293	1.494344	37C	31C	Heterogene	2450294	3549292	3794736	5761881	3809164	5065044	4542301	2627643	3794736	3363866	2836201	8304153
G3I388	2	2	4.365727	0.09461	1.200765	37C	31C	28 kDa heat	3912361	4433670	4564664	5891053	4798114	4813541	7252646	3282373	4564664	3439278	3572546	7891813
G3HIP2	2	2	5.492965	0.095355	1.450261	37C	31C	heterogene	1999027	3758135	2516382	3799403	4014756	4184644	3705752	2782255	2516382	2218144	2989278	6860735
G3II47	4	4	11.6954	0.125816	1.157666	37C	31C	Aconitate h	8890947	7884183	8009559	9939421	8395308	10357659	16481837	5836887	8009559	5802771	6250919	16981410
G3I1P6	6	6	33.3456	0.139915	1.132381	37C	31C	Nucleosom	27531560	24320437	25786137	26160461	30314324	31441147	51037388	18005117	25786137	15272839	22571225	51547845
G3HC01	2	2	5.347337	0.146476	1.167669	37C	31C	Tropomyosi	11609360	11637135	12290363	13580976	12025727	15888589	21521170	8615305	12290363	7928762	8954031	26049384
G3I3A8	5	5	12.9972	0.149453	1.488999	37C	31C	Nuclear mit	1237814	852450.5	801140.3	1053978	1354218	1897103	2294631	631093.6	801140.3	615326.7	1008314	3110306
G3HCK7	3	3	7.189526	0.150112	1.150232	37C	31C	General tra	667350.4	761050	859785.2	938213.9	857195.3	836535.6	1237119	563427.2	859785.2	547742.2	638244.4	1371502
G3GWF4	3	3	8.022254	0.215356	1.299024	37C	31C	Heat shock	1767143	1479578	1441972	1525384	1981182	2584160	3275891	1095374	1441972	890540.2	1475135	4236737
G3HMU4	3	3	8.717295	0.232969	1.230319	37C	31C	Chloride int	6441080	4994594	4937145	5347977	6875561	7920257	11940330	3697641	4937145	3122223	5119356	12985283
G3GWA7	2	2	6.402307	0.248166	1.164837	37C	31C	40S ribosor	4285685	5428313	5136531	6051838	6406073	4840540	7944707	4018736	5136531	3533147	4769788	7936079
G3HSW9	2	2	5.496738	0.301013	1.186635	37C	31C	Isocitrate d	1424036	1788031	2027280	2503933	1814833	1898428	2639846	1323731	2027280	1461831	1351275	3112477
G3HFP1	3	3	8.523802	0.342882	1.075156	37C	31C	Radixin |RD	473321	417744	384754	456565.1	485282.3	429857.1	877431.8	309267.9	384754	266549	361328.1	704751.9
G3H576	2	2	10.13963	0.421457	1.131668	37C	31C	Annexin |A	5794121	5384338	4118774	4747524	6123625	6440233	10741012	3986180	4118774	2771670	4559486	10558779
G3H354	3	3	10.09229	0.620271	1.044678	37C	31C	Heat shock	7058247	7763150	8121861	9042863	7575097	7350360	13084419	5747283	8121861	5279349	5640212	12050935
G3H3P5	1	1	2.713512	0.628493	1.02466	37C	31C	Kinesin-like	1114157	827006.8	1088555	1142731	1825877	135824.5	2065398	612256.8	1088555	667142	1359499	222684.7
G3I5R2	3	3	7.81528	0.693013	1.040064	37C	31C	40S ribosor	39359799	29641980	30517025	33732451	31670517	38103004	72964310	21944808	30517025	19693472	23581009	62469977
G3GUH8	2	2	7.571803	0.716726	1.050399	37C	31C	Serine/thre	1845823	1714926	2101155	1698278	2347633	1901349	3421745	1269609	2101155	991478	1747984	3117267
G3HDQ2	2	2	5.527931	0.833716	1.013619	37C	31C	Malate deh	16751323	9331217	10561997	11455180	11692713	13995697	31053227	6908167	10561997	6687693	8706077	22945983
G3H3I2	2	2	4.615025	0.835786	1.006489	37C	31C	Importin-9	1240694	560864.1	742670.4	978062.2	851750.6	730925.7	2299971	415223.8	742670.4	571006.3	634190.4	1198355
G3IBV7	3	3	12.60153	0.864938	1.018061	37C	31C	Cytochrom	27326893	27614052	29357287	32728073	26905004	26187665	50657980	20443475	29357287	19107102	20032737	42934748
G3GRD8	2	2	5.099687	0.899953	1.01084	37C	31C	Isoleucyl-tF	3356400	2644291	3043011	3296326	2710732	3134680	6222018	1957645	3043011	1924441	2018338	5139316
G3HSL4	6	6	26.93451	0.914301	1.009484	37C	31C	Elongation	79563874	56623246	64903616	58949334	68327089	75721542	1.47E+08	41919813	64903616	34415438	50874500	1.24E+08
G3GRE1	4	4	10.8611	0.925721	1.036426	37C	31C	Bifunctiona	1929143	1578189	1767477	2331572	1379655	1755721	3576201	1168379	1767477	1361204	1027254	2878510

										Normalized abundance						Raw abundance					
										31C			37C			31C			37C		
Accession	Peptide co	Unique pep	Confidence	Anova (p)	Max fold ch	Highest me	Lowest me	Description		CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	CHOK1_12	mins_OTIT_D7_37C_3
G3HDQ1	1	1	2.899971	0.029076	1.503483	31C	37C	UTP--gluco	UGP2	6049731	5721952	8014902	4636599	4643198	3880701	4719110	5721952	2782759	5301435	4028996	4509726
G3H204	1	1	2.466804	0.01384	1.505819	31C	37C	Syntaxin-1/	STX12	19579753	17109567	16419124	12747579	9889626	12631599	15273242	17109567	5700689	14575440	8581427	14679063
G3HZY1	1	1	2.529664	0.043795	1.508282	31C	37C	RuvB-like h	RUVBL2	522168.9	378259.3	546427	278878.9	363888.2	316506.8	407319.4	378259.3	189718.4	318867.1	315753.1	367809.5
G3HEK2	1	1	2.354375	0.024522	1.51298	31C	37C	KRR1 small	KRR1	40623443	31879797	38253425	29173831	22110292	21920206	31688432	31879797	13281516	33357035	19185545	25473267
G3HSF3	1	1	7.412049	0.003981	1.51771	31C	37C	Proteasom	PSMA2	65320639	61789900	56419626	44808627	38839167	37277944	50953550	61789900	19588787	51233687	33701526	43320350
G3GUL4	1	1	2.620971	0.030265	1.520176	31C	37C	Tetraspanin		22762738	26392011	28953204	17676147	19930497	13774208	17756138	26392011	10052497	20210710	17294092	16006878
G3H018	1	1	2.907864	0.001039	1.521059	31C	37C	40S ribosor	RPS18	5543420	4778584	5088603	3395850	3503920	3231729	4324160	4778584	1766753	3882777	3040422	3755562
G3I0H2	1	1	2.124407	0.036322	1.524843	31C	37C	40S ribosor	RPS4	9430165	6666809	7567661	4449076	6060001	5010316	7356027	6666809	2627477	5087024	5258385	5822441
G3GWL7	1	1	3.284487	0.006841	1.525142	31C	37C	Ribosomal	RSL1D1	3157776	2485367	2492101	1804003	1719705	1810383	2463232	2485367	865252.9	2062677	1492222	2103829
G3H421	1	1	4.174381	0.049398	1.526336	31C	37C	Mitochond	MAVS	11596321	7972988	12713164	7011184	7377431	6761686	9045743	7972988	4413986	8016510	6401545	7857692
G3HJB0	1	1	2.811313	0.015626	1.527687	31C	37C	Alpha-actir	ACTN4	4533966	4261382	5350223	3574535	2964592	2720341	3536733	4261382	1857587	4087084	2572436	3161283
G3H2C9	1	1	1.908485	0.014835	1.527979	31C	37C	S-phase kir	SKP1	23531843	18590106	25626224	15558793	13900424	14879205	18356081	18590106	8897376	17789751	12061677	17290985
G3GZW8	1	1	2.123362	0.040609	1.530532	31C	37C	Phosphogl	PGAM1	1.59E+08	1.45E+08	1.27E+08	1.2E+08	81347742	79776446	1.24E+08	1.45E+08	44075704	1.37E+08	70587071	92707462
G3GUC8	1	1	2.405353	0.001856	1.530794	31C	37C	Obg-like AT	OLA1	19068407	20140651	21688833	14425579	12413310	12943007	14874365	20140651	7530322	16494048	10771279	15040948
G3I638	1	1	3.661208	0.023578	1.533255	31C	37C	Eukaryotic	EIF3F	14253735	16339331	18780696	10952253	8993031	12256646	11118667	16339331	6520622	12522685	7803434	14243333
G3H155	1	1	2.999069	0.001035	1.535049	31C	37C	Core histor	H2AFY	299322.2	276089.6	258186	188926.1	181498.3	172618.8	233487.2	276089.6	89641.69	216016	157489.8	200598.7
G3GVD0	3	3	15.36974	0.006519	1.535772	31C	37C	Actin, cyto	ACTB	1.97E+09	1.54E+09	1.85E+09	1.16E+09	1.23E+09	1.1E+09	1.54E+09	1.54E+09	6.43E+08	1.32E+09	1.07E+09	1.28E+09
G3IAI5	1	1	5.487896	0.001076	1.536094	31C	37C	DNA helica	MCM5	18618197	18548218	20443567	11610099	13312273	12581834	14523177	18548218	7097968	13274858	11551327	14621232
G3I390	1	1	3.342824	0.002045	1.536526	31C	37C	Actin-relat	ARPC1B	7019888	6180503	7572370	4452456	4495666	4571179	5475883	6180503	2629113	5090889	3900980	5312125
G3HRD3	2	2	4.95648	9.13E-05	1.541458	31C	37C	Protein arg	PRMT5	33781406	32370814	34150959	21326283	21108503	22635530	26351282	32370814	11857148	24384235	18316272	26304538
G3IKH9	1	1	2.778883	0.027003	1.544152	31C	37C	Phosphose	PSAT1	27699212	34775472	41380625	22179385	24216082	20861713	21606849	34775472	14367274	25359663	21012781	24243202
G3IK55	1	1	3.244537	0.028073	1.545068	31C	37C	Importin su	KPNA1	3719239	2461612	2960000	1833112	1994300	2088736	2901203	2461612	1027707	2095959	1730494	2427301
G3I5H1	1	1	3.061788	0.004466	1.546878	31C	37C	Glutathion	GSTA3	14933846	12363636	13922019	9809992	8529382	8307521	11649189	12363636	4833698	11216636	7401116	9654093
G3IDS2	2	2	6.248084	0.010894	1.549935	31C	37C	F-actin-capping protei		4235299	3588160	4584978	2777933	2890880	2336967	3303757	3588160	1591896	3176258	2508475	2715768
G3HNP6	2	2	9.794482	0.000226	1.553366	31C	37C	26S protea	PSMC4	11265944	10383245	10095987	6847667	6664965	6923751	8788032	10383245	3505307	7829546	5783324	8046026
G3H1M4	2	2	5.11281	0.015606	1.554615	31C	37C	Eukaryotic	EIF2S1	18432339	14644080	20344723	12336439	11480474	10546021	14378199	14644080	7063649	14105348	9961838	12255432
G3I1P6	1	1	2.721814	0.026197	1.554636	31C	37C	Nucleosom	HMGN5	4418664	4080882	5293120	3567555	2797688	2506716	3446792	4080882	1837761	4079103	2427610	2913031
Q9ERF7	1	1	2.235284	0.003058	1.555099	31C	37C	Intercellula	ICAM1	15759763	14226789	17770541	10714244	10068127	9927622	12293448	14226789	6169898	12250547	8736316	11536797
G3IP86	1	1	1.948796	0.040382	1.5576	31C	37C	Replicatior	RPA1	5313763	5558926	5382801	2528054	4278742	3629445	4145016	5558926	1868898	2890549	3712750	4217744
G3I710	2	2	7.055653	0.007089	1.557853	31C	37C	AP-2 comp	AP2A1	4698334	4706197	4872281	3127949	3467434	2569036	3664949	4706197	1691647	3576462	3008762	2985453
G3HQX0	1	1	4.897208	0.004277	1.560746	31C	37C	40S ribosor	RPSA	3.84E+08	3.28E+08	3.76E+08	2.17E+08	2.6E+08	2.19E+08	2.99E+08	3.28E+08	1.3E+08	2.48E+08	2.26E+08	2.55E+08
G3IAU0	1	1	2.955284	0.003187	1.562935	31C	37C	Uncharacte	SMC4	113772.4	112882.3	93557.77	72230.73	66663.83	65984.42	88748.49	112882.3	32483.08	82587.82	57845.54	76679.88
G3HRJ7	5	5	14.17633	0.018447	1.564519	31C	37C	Catenin de	CTNND1	1819257	1410491	1429035	980288	858007.7	1139477	1419117	1410491	496158.2	1120850	744510.5	1324176
G3H839	1	1	2.898699	0.013484	1.565792	31C	37C	Uncharacterized protei		120529.8	132158.5	165017.1	92485.48	93601.01	80682.95	94019.57	132158.5	57293.62	105746.9	81219.48	93760.9
G3I4Z7	1	1	2.692633	0.001766	1.567944	31C	37C	Galectin	LGALS1	2.32E+08	2.28E+08	2.15E+08	1.5E+08	1.53E+08	1.28E+08	1.81E+08	2.28E+08	74663608	1.71E+08	1.33E+08	1.49E+08
G3GUI3	1	1	4.515777	0.004171	1.57141	31C	37C	Peptidylpro	FKBP4	8102391	8250475	8960188	5759657	5712983	4635858	6320293	8250475	3110960	6585528	4957270	5387287
G3HFM4	7	7	20.03883	0.022435	1.572258	31C	37C	Filamin-B	FLNB	15480946	13936456	17454144	11369638	10509816	7932153	12075956	13936456	6060046	12999918	9119578	9217880
G3HWJ2	4	4	14.28189	0.00039	1.57282	31C	37C	Plectin-1	PLEC	13577845	12233189	13559377	8076564	8706880	8248283	10591437	12233189	4707790	9234654	7555135	9585253
G3GXB0	1	1	2.596889	0.02582	1.574626	31C	37C	ARHGDIA	ARHGDIA	26898531	19528914	23835815	16788262	15490971	12342966	20982276	19528914	8275750	19195512	13441827	14343645
G3H9V0	1	1	2.707388	0.00177	1.575743	31C	37C	Proteasom	PSMB2	12871667	11804464	10492841	7417819	7266624	7634541	10040580	11804464	3643094	8481452	6305396	8872028
G3HIC5	1	1	3.020529	0.000851	1.576703	31C	37C	RuvB-like h	RUVBL1	2834339	2967257	2919510	2029228	1748055	1753947	2210934	2967257	1013648	2320197	1516822	2038245
G3HC39	3	3	7.978726	0.001015	1.577441	31C	37C	Farnesyl py	FDPS	44047091	45084168	49622881	29119771	31383641	27458132	34359059	45084168	17228970	33295223	27232216	31908838
G3HH02	1	1	2.203485	0.045782	1.581386	31C	37C	Uncharacterized protei		2784969	1791616	1845370	1479678	1370383	1210907	2172423	1791616	640709.1	1691847	1189108	1407184
G3GY55	1	1	4.092445	0.002546	1.582822	31C	37C	Period circ	VAMP2	64685275	51544903	56146690	37221896	35485496	36197372	50457932	51544903	19494024	42559102	30791478	42064628
G3I3C4	1	1	2.682358	0.00445	1.583509	31C	37C	1,2-dihydro	ADI1	3313908	3304507	2893189	1770855	2226402	2009404	2585024	3304507	1004510	2024776	1931894	2335109
G3I8T9	1	1	2.480159	0.044851	1.588548	31C	37C	60S ribosomal protein		136607	160348	179002.6	115645.9	110728.8	73243.32	106560.7	160348	62149.36	132228.3	96081.63	85115.38
V5QSN9	2	2	4.702551	0.000158	1.588631	31C	37C	Adenylosuc	ADSS	17578112	17365656	16208739	11146715	10721475	10330928	13711856	17365656	5627643	12745031	9303239	12005475
G3HC17	2	2	7.733595	0.01515	1.589002	31C	37C	Interleukin	ILF2	13890290	9687056	10567751	7311867	6851701	7324827	10835160	9687056	3669103	8360308	5945359	8512114
G3HCU9	1	1	3.025486	0.022741	1.589356	31C	37C	pre-rRNA p	FTSJ3	3178898	2525827	2121560	1570723	1791788	1561675	2479709	2525827	736601.8	1795948	1554770	1814808
G3HUE5	1	1	3.480863	0.012421	1.589787	31C	37C	PBDC1	PBDC1	6660062	6141489	6862422	4696443	4344576	3327918	5195200	6141489	2382620	5369860	3769876	3867342
G3IFK1	2	2	4.459304	0.001143	1.591022	31C	37C	Flap endon	FEN1	9169959	8523366	9915296	6114932	5812642	5425186	7153052	8523366	3442572	6991745	5043746	6304558

G3H5A2	3	3	7.689832	0.004434	1.593574	31C	37C	U2 small nı	SNRPA1	14388361	11103906	11772994	7917033	7600514	7867154	11223682	11103906	4087561	9052248	6595118	9142347
G3HDE3	3	3	12.29298	0.001684	1.594662	31C	37C	Proteasom	PSME2	26911457	29644263	29024623	18887302	18804438	15975014	20992358	29644263	10077294	21595531	16316989	18564415
G3HW48	1	1	6.351538	0.009498	1.594664	31C	37C	DCTN2	DCTN2	39803693	37096929	33760378	26828252	22862479	19703833	31048984	37096929	11721539	30675125	19838232	22897641
G3HRM9	1	1	2.39844	0.038949	1.596199	31C	37C	Prostaglan	PTGES3	4341347	3255856	3012450	2640052	2182920	1823852	3386480	3255856	1045917	3018606	1894164	2119481
G3I073	3	3	13.42157	0.00285	1.601456	31C	37C	Elongation	EEF1G	83208386	74278592	91270727	49473316	56017960	49840978	64906938	74278592	31689023	56567240	48607910	57919734
G3HJD9	1	1	2.606405	0.000725	1.602027	31C	37C	Transcriptı	SUPT5H	7599840	7763167	8611978	4723482	4962323	5279600	5928277	7763167	2990063	5400777	4305908	6135374
G3HAU8	1	1	2.298574	0.041217	1.602578	31C	37C	Transcription and mRN		5407040	3897263	3416572	3036667	2421322	2479767	4217776	3897263	1186227	3472092	2101030	2881714
G3HHE1	1	1	2.213229	0.049307	1.608082	31C	37C	Transcriptı	TCERG1	919811.4	776884	1220675	501091.3	717941.3	595159.7	717501.5	776884	423816	572942.2	622972.1	691629.6
G3I9X8	19	19	57.4312	0.002426	1.608476	31C	37C	Spectrin al	SPTAN1	47378313	45905309	56244083	30474030	32730409	29757901	36957588	45905309	19527839	34843668	28400833	34581378
G3HNB8	1	1	2.746709	0.011864	1.608809	31C	37C	Proteolipid	PLP2	5593809	5265868	6198071	3513702	4149084	2939929	4363466	5265868	2151958	4017528	3600244	3416464
G3HLS2	2	2	5.171927	0.010926	1.609827	31C	37C	14-3-3 prot	YWHAB	5232321	5603907	7081458	3973492	3802920	3353782	4081487	5603907	2458669	4543247	3299870	3897398
G3IKN5	1	1	5.52924	0.009247	1.610184	31C	37C	Glutathion	GSTO1	24423080	17750356	18979396	12988476	12167363	12822946	19051292	17750356	6589610	14850880	10557865	14901425
G3I5T3	2	2	4.331767	0.005378	1.614391	31C	37C	Putative AT	DDX6	10284080	9894315	12391412	7107730	7023503	6043440	8022126	9894315	4302275	8126900	6094435	7023026
G3I0Q0	1	1	2.211659	0.003689	1.616504	31C	37C	Non-muscl	CALD1	17118078	14736182	18631733	10252331	11167981	9811287	13353005	14736182	6468902	11722401	9690682	11401604
G3GVB5	1	1	3.653178	0.046293	1.61674	31C	37C	Ras-relate	RAC1	14849608	14414575	19109019	11673005	10964009	7283195	11583479	14414575	6634615	13346785	9513691	8463733
G3HHR3	17	17	78.88593	3.88E-05	1.617164	31C	37C	Vimentin	VIM	1.03E+09	1.02E+09	9.91E+08	6.39E+08	6E+08	6.41E+08	8.01E+08	1.02E+09	3.44E+08	7.3E+08	5.21E+08	7.45E+08
G3IFB0	6	6	16.46441	0.000374	1.619687	31C	37C	Serine/argi	SRRM2	16699491	15768462	16346342	10868942	9621606	9647552	13026485	15768462	5675419	12427427	8348861	11211330
G3HJS1	6	6	17.82412	0.001278	1.620544	31C	37C	Spectrin be	SPTBN1	13637084	12124203	14880318	8343477	8356977	8378538	10637646	12124203	5166418	9539838	7251517	9736620
G3H2U6	1	1	3.127676	0.013371	1.622163	31C	37C	Splicing factor 3B subu		6438955	4504786	5928192	3628300	3492346	3280240	5022725	4504786	2058257	4148558	3030379	3811936
G3H0V6	1	1	4.087456	0.012189	1.623021	31C	37C	Adenosine	ADAL	2611908	2600110	2172819	1472279	1289411	1788368	2037426	2600110	754398.6	1683387	1118848	2078245
G3HSM4	3	3	9.679667	0.007117	1.625158	31C	37C	Small gluta	SGTA	7052393	5999988	5778017	4223025	4044068	3319719	5501239	5999988	2006116	4828560	3509119	3857815
G3HB69	1	1	2.067111	0.011164	1.625502	31C	37C	Cell divisio	CDK13	7591861	7337859	5729845	3938876	4774242	3996538	5922053	7337859	1989391	4503667	4142706	4644339
G3I2T9	1	1	3.821984	0.00564	1.62639	31C	37C	3-phospho	PDPK1	677668.9	745633	666164.5	467970.9	456873.4	359882.3	528617.6	745633	231291.1	535072.7	396438.2	418215.9
G3GT06	2	2	5.377787	0.03696	1.631071	31C	37C	T-complex	CCT8	11837189	10198183	10355809	7404242	7746547	4708058	9233633	10198183	3595517	8465928	6721835	5471190
G3HV39	1	1	2.420669	0.023211	1.634755	31C	37C	Poly(RC)-b	PCBP2	40977314	47717225	50514121	33857817	29255564	22042283	31964470	47717225	17538407	38712652	25385641	25615131
G3H9U8	1	1	2.602304	0.003866	1.634906	31C	37C	Neurochondrin		251851	260297.8	215365.4	164827.7	144434.3	135726.6	196457.1	260297.8	74774.47	188462.2	125328.6	157726.6
G3H897	1	1	3.012409	0.046976	1.63514	31C	37C	RRP9	RRP9	4629855	3326525	4869616	2352113	3303149	2188715	3611532	3326525	1690722	2689380	2866209	2543485
G3HE04	1	1	4.706023	0.019323	1.636193	31C	37C	Splicing fac	SF3A3	21916960	18270723	25809487	15736536	12267747	12331522	17096387	18270723	8961005	17992981	10644971	14330347
G3I6W5	1	1	3.682853	0.006565	1.636334	31C	37C	Prefoldin s	PFDN6	26948486	22929963	25502210	17929749	14539161	13597885	21021243	22929963	8854319	20500676	12615922	15801975
G3HKY3	1	1	2.403492	0.009946	1.638335	31C	37C	Plasma me	ATP2B1	2409429	2509810	3347418	1635146	1681338	1729284	1879482	2509810	1162217	1869607	1458931	2009584
G3I018	2	2	5.973462	0.002457	1.63859	31C	37C	26S protea	PSMD7	2624895	2398772	2797280	1778995	1484949	1509030	2047557	2398772	971210.2	2034084	1288520	1753630
G3I782	1	1	2.08912	0.034061	1.638874	31C	37C	Heterogen	HNRNPD	3172238	3404996	4772060	2355437	2623886	1945731	2474513	3404996	1656850	2693181	2276799	2261116
G3HQ69	3	3	7.800378	0.022063	1.639503	31C	37C	Src substra	CTTN	12399501	10628608	10177631	8295542	6592123	5365881	9672266	10628608	3533654	9485031	5720118	6235640
G3I620	1	1	2.478828	0.014417	1.641533	31C	37C	Aspartyl an	DNPEP	7704416	6730005	7857945	4585062	5354914	3640239	6009852	6730005	2728264	5242509	4646567	4230288
G3HSV9	1	1	3.205919	0.011251	1.641556	31C	37C	Host cell factor		10193869	11448766	8510546	6114455	6861414	5392784	7951756	11448766	2954845	6991200	5953787	6266904
G3GZZ0	4	4	11.99503	0.001268	1.641912	31C	37C	Aspartate a	GOT1	16260823	14430668	17559208	9693103	10199872	9493924	12684301	14430668	6096524	11082986	8850634	11032800
G3IIA1	2	2	10.14933	0.014959	1.642398	31C	37C	Methylosome protein 5		10791371	10913721	14989972	7052561	8217903	7071913	8417839	10913721	5204490	8063820	7130839	8218204
G3I3F3	3	3	9.078218	0.014289	1.642457	31C	37C	Ribonuclea	RNH1	12842923	11392034	12874227	7634928	8947136	6011639	10018159	11392034	4469907	8729692	7763609	6986069
G3H945	3	3	6.887625	0.005453	1.644713	31C	37C	Eukaryotic	EIF3I	9228066	10272949	12435807	6668683	6534100	6215085	7198379	10272949	4317689	7624899	5669770	7222492
G3HG95	9	9	30.70593	0.010891	1.645139	31C	37C	Lamin-A/C	LMNA	93821389	67164129	88059406	48970874	48212698	54198708	73185641	67164129	30574058	55992754	41835127	62983812
G3GTN1	1	1	1.910699	0.026986	1.645997	31C	37C	Protein ma	MAGOH	1202581	1756971	1857262	975502.1	1036213	914664.6	938076.4	1756971	644837.8	1115378	899143.3	1062923
G3IJ16	2	2	5.179217	0.00258	1.647115	31C	37C	40S ribosoı	FAU	38873078	44720231	46650027	28886496	24363725	25823393	30323055	44720231	16196801	33028499	21140894	30009123
G3HJA4	1	1	3.065728	0.025681	1.647184	31C	37C	26S protea	PSMD8	12333841	13665329	17964801	9349034	7433759	9907584	9621047	13665329	6237345	10689582	6450422	11513511
G3IB71	2	2	4.566441	0.015596	1.64729	31C	37C	Glutaminyl	QARS	8265197	6000185	8489133	4838884	4179717	4794699	6447290	6000185	2947411	5532727	3626825	5571874
G3HVL1	1	1	2.912988	0.000909	1.6492	31C	37C	Cell divisio	CDK1	13558859	13872660	12593495	7807176	8883836	7578341	10576626	13872660	4372437	8926638	7708683	8806719
Q93009	1	1	2.723264	0.043879	1.650548	31C	37C	Ubiquitin c	USP7	2007727	1638941	1376800	1200433	1078910	764172.6	1566133	1638941	478022.2	1372562	936192.2	888037.8
G3I1Z7	1	1	2.658564	0.017129	1.652154	31C	37C	Developme	DRG1	3349315	3314520	3964494	2262100	2484315	1686598	2612643	3314520	1376465	2586460	2155690	1959979
G3HYL0	1	1	2.797876	0.004223	1.653172	31C	37C	Eukaryotic	EIF4G2	8304523	7010632	6381566	4614410	4424118	4085767	6477967	7010632	2215668	5276065	3838896	4748032
G3HLV6	5	5	13.47906	0.001826	1.653628	31C	37C	ATP-citrate	ACLY	4273118	4642694	3946649	2837979	2548413	2391937	3333258	4642694	1370269	3244913	2211309	2779648
G3IF71	1	1	3.101884	0.017581	1.654824	31C	37C	Tetratricopeptide repe		1047844	1099195	832521.8	522190	719567	558773.3	817373.3	1099195	289050	597066.3	624382.8	649345.2
G3H9U3	4	4	11.52212	0.019692	1.657336	31C	37C	Splicing fac	SFPQ	11166922	9454045	14279041	7103468	7613491	6340937	8710789	9454045	4957656	8122026	6606379	7368743
G3HSE4	2	2	7.992051	0.002356	1.658438	31C	37C	Proteasom	PSMA1	28460846	27774544	32896983	19234857	18320807	16189093	22200963	27774544	11421770	21992922	15897333	18813194
G3H5V0	3	3	13.42353	0.015942	1.659137	31C	37C	Importin su	KPNB1	22296935	19025234	25323420	15988856	12560301	11619663	17392787	19025234	8792243	18281481	10898826	13503101
G3HMD1	1	1	2.969638	0.010261	1.659236	31C	37C	Glyceralde	GAPDH	92335492	72970629	69203948	48892545	51144652	41298959	72026562	72970629	24027479	55903194	44379242	47993135

G3I5B3	3	3	7.032693	0.004057	1.660375	31C	37C	Serine/thre	PPP6R3	6118795	4951498	5908534	3602384	3576504	3047009	4772983	4951498	2051432	4118926	3103405	3540900
G3IKS9	3	3	10.55572	0.00707	1.662474	31C	37C	Glutaredox	GLRX3	2714991	2886305	3465805	1951844	1921005	1581130	2117836	2886305	1203321	2231717	1666895	1837417
G3I8S7	3	3	11.15293	0.002511	1.662686	31C	37C	Polyadenyl	PABPC1	25506058	25651015	29309334	16629273	17471446	14294726	19896073	25651015	10176145	19013726	15160324	16611768
B2ZA78	2	2	5.592614	0.001731	1.663251	31C	37C	Trifunction	GART	11418658	11082223	12003510	7060165	7591676	6093306	8907157	11082223	4167596	8072514	6587449	7080974
G3IB23	1	1	1.968337	0.015971	1.664513	31C	37C	Protocadherin beta-6		13477267	10975360	16507347	7766649	8825085	8016051	10512980	10975360	5731319	8880300	7657704	9315378
G3GZQ9	5	5	18.47899	0.000428	1.666254	31C	37C	DNA helica	MCM6	14590511	13249598	14438980	8023877	9065403	8284448	11381370	13249598	5013186	9174412	7866232	9627280
G3I6H5	2	2	6.69641	0.017883	1.667085	31C	37C	Fermitin fa	FERMT2	15374639	15698530	16266030	7938923	12167198	8290273	11993031	15698530	5647535	9077276	10557723	9634049
G3GVP7	2	2	5.505001	0.000178	1.667226	31C	37C	ADP-sugar	pyrophosph	7732411	8538166	7944691	4995674	4911158	4617456	6031689	8538166	2758382	5711999	4261510	5365903
G3GX54	1	1	2.183631	0.008653	1.670057	31C	37C	Charged m	CHMP6	2107309	1958731	2533147	1210032	1520071	1221372	1643812	1958731	879503.7	1383537	1318996	1419345
G3HPZ5	1	1	2.685451	0.013301	1.670323	31C	37C	Macrophag	CAPG	14440990	10362868	14837229	7516180	8035744	8180661	11264736	10362868	5151458	8593917	6972777	9506670
G3HGH4	1	1	3.268026	0.009001	1.67109	31C	37C	Small nucl	SNRPD1	9955808	9098034	12037721	5616818	5923546	7065191	7766056	9098034	4179474	6422208	5139980	8210392
G3HYP6	2	2	5.596523	0.025042	1.671563	31C	37C	Nuclear mi	NUDC	5455920	4684873	6679635	3551872	3811643	2699179	4255906	4684873	2319157	4061171	3307439	3136690
G3HKD6	4	4	24.39398	0.004273	1.671893	31C	37C	Histone-bir	RBBP7	62879910	56720651	63034268	41388997	36642854	31206483	49049652	56720651	21885378	47323719	31795741	36264762
G3IBJ1	1	1	3.539758	0.017957	1.67362	31C	37C	Dynamin-1		5145295	7317803	7682369	3947326	3860545	4229187	4013602	7317803	2667304	4513329	3349872	4914699
G3I5H3	2	2	4.416053	0.009208	1.673642	31C	37C	Elongation	EEF1D	20512129	16925427	24199863	12474778	12749730	11603801	16000544	16925427	8402146	14263523	11063197	13484668
G3HGP4	5	5	17.61798	0.00056	1.677203	31C	37C	acetyl-CoA	ACAT2	75245296	79309421	80388014	50519097	46740977	42820033	58695306	79309421	27910566	57762975	40558086	49760760
G3H042	1	1	2.632506	0.018237	1.677498	31C	37C	Condensin	NCAPH	1067370	885815.1	1010194	703082.8	605749.7	457714.7	832604.7	885815.1	350737.5	803897.1	525621.2	531906
G3HFP5	1	1	2.850684	0.024225	1.678349	31C	37C	RNA helica	DDX10	4549193	4510827	3695649	2186087	3253712	2160330	3548611	4510827	1283122	2499548	2823311	2510499
G3IFU4	1	1	3.110244	0.013724	1.680764	31C	37C	von Willebr	VWA5A	2453259	2661064	2168026	1182634	1735468	1414658	1913672	2661064	752734.4	1352211	1505901	1643961
C0SSX9	1	1	2.058397	0.035275	1.68084	31C	37C	ILK	ILK	790076.1	532886	648958.2	353468.3	489992.9	329714.3	616301.1	532886	225317.1	404151.7	425176.7	383157.9
G3I2H0	1	1	2.678992	0.034065	1.682042	31C	37C	Dipeptidyl	DPP3	15971026	13253088	18680650	8926728	11985013	7568390	12458244	13253088	6485886	10206722	10399637	8795155
G3HUN1	3	3	9.725436	0.00457	1.682708	31C	37C	Ubiquitin c	UCHL5	22103428	25916368	26971502	15882894	15760068	12922883	17241842	25916368	9364454	18160325	13675328	15017561
G3IEF4	1	1	2.263638	0.039804	1.684359	31C	37C	Fatty acid desaturase		594830	739677.4	725104.2	541219.4	376834.1	304733.2	463998.8	739677.4	251754.8	618824.2	326986.6	354127.6
G3HJS0	14	14	49.21124	0.00033	1.685079	31C	37C	Spectrin be	SPTBN1	33938385	30563825	33110226	20594584	18668749	18664176	26473733	30563825	11495807	23547619	16199249	21689465
G3H6U1	9	9	27.67113	0.000128	1.685145	31C	37C	Nucleolar f	DDX21	26249836	25047850	24497635	14125883	15477926	15374712	20476259	25047850	8505532	16151378	13430507	17866809
G3ING0	1	1	2.214929	0.003145	1.685996	31C	37C	Tight juncti	TJP2	1647206	1701809	1448294	1052269	955762.8	837355.2	1284908	1701809	502845.1	1203153	829334.6	973082.6
G3HBW5	1	1	3.525279	0.011434	1.686438	31C	37C	SUMO-con	UBE2I	77129067	86031817	1E+08	55432137	57654826	43172977	60164748	86031817	34845429	63380491	50028251	50170913
G3HBD3	2	2	4.710711	0.003425	1.687458	31C	37C	Nucleoside	NME2	14425204	13475276	16249294	9553768	8925924	7683794	11252421	13475276	5641724	10923672	7745204	8929265
G3H201	1	1	2.999138	0.006086	1.687894	31C	37C	Replicatior	RPA2	9714688	8528255	10803426	6565059	5448055	5195536	7577970	8528255	3750929	7506415	4727387	6037684
G3HP08	4	4	12.88087	0.001159	1.691534	31C	37C	AP-1 comp	AP1B1	7376956	6534354	8101575	4374672	4385016	4253873	5754415	6534354	2812851	5001952	3804967	4943386
G3GU92	1	1	2.875564	0.014825	1.692943	31C	37C	Lupus La p	SSB	14817178	12161590	17759289	7950643	9878359	8597208	11558182	12161590	6165991	9090676	8571650	9990735
G3HIX6	1	1	3.489727	0.026917	1.693223	31C	37C	Tryptophan	WARS	5143038	4008741	4895641	2524067	3544968	2227225	4011842	4008741	1699757	2885990	3076040	2588237
G3HK00	3	3	12.56193	0.00509	1.693279	31C	37C	Guanine nu	RACK1	63319623	75018278	78226054	43190910	47361578	37343711	49392651	75018278	27159937	49384007	41096593	43396778
G3HGR7	1	1	4.410582	0.019621	1.693571	31C	37C	Transmeml	TM9SF2	2801311	2828716	2803490	1409123	1398180	2172422	2185171	2828716	973366.5	1611176	1213229	2524552
G3GR73	7	7	35.5032	0.000837	1.694283	31C	37C	Rab GDP di	GDI2	1.07E+08	1.13E+08	1.05E+08	70800379	61947996	58898203	83262852	1.13E+08	36541335	80952368	53753521	68445052
G3IND2	3	3	7.99849	0.00074	1.696426	31C	37C	26S protea	PSMD13	4879690	4474349	4999676	2775206	3065350	2620595	3806416	4474349	1735878	3173139	2659866	3045369
G3IFE7	1	1	2.87763	0.003306	1.701139	31C	37C	Phosphogl	PGM2	1503841	1205740	1529331	818103.2	787809.5	885894.6	1173076	1205740	530980.8	935410.1	683598.1	1029490
P55072	19	19	70.43779	0.000492	1.702111	31C	37C	Transitiona	VCP	96168055	1.05E+08	1.11E+08	64275927	61037857	57919471	75016164	1.05E+08	38530548	73492382	52963776	67307675
G3GU78	1	1	3.646573	0.036176	1.702611	31C	37C	Paxillin		856522.3	995750.2	664560.7	591625	501869.1	384725.7	668132.7	995750.2	230734.2	676457.4	435481.9	447086.1
G3I4Z0	1	1	2.201836	0.021529	1.703026	31C	37C	Signal transducing ada		2845167	2299940	2292403	1848207	1312714	1206310	2219381	2299940	795917.9	2113220	1139068	1401841
G3H8D3	1	1	2.095968	0.026818	1.703507	31C	37C	RNA-bindir	RBM5	10353207	6569790	8127396	5434493	4195517	5075182	8076049	6569790	2821817	6213739	3640534	5897822
G3HAP7	3	3	9.229399	0.001262	1.704502	31C	37C	Glutathion	GSS	37849073	33260434	36436449	23318704	19602198	20174323	29524276	33260434	12650666	26662347	17009221	23444392
G3I1H0	2	2	7.150427	0.018903	1.705691	31C	37C	DNA helica	MCM3	3532363	3183431	4602521	2116856	2581725	1937036	2755430	3183431	1597986	2420390	2240215	2251011
G3GTH2	4	4	9.487737	0.010453	1.709153	31C	37C	Na(+)/H(+)	SLC9A3R1	7233483	6822875	7203887	5155863	3817491	3465698	5642499	6822875	2501176	5895156	3312514	4027456
G3GW11	2	2	4.778384	5.83E-05	1.709851	31C	37C	Non-specif	SCP2	31594268	28679804	29465691	17291413	17786887	17405674	24645199	28679804	10230432	19770810	15434040	20226971
G3IHQ7	1	1	2.483324	0.000936	1.710986	31C	37C	Sulfurtrans	TST	33564941	34415324	31947530	17489390	19572910	21341343	26182427	34415324	11092122	19997174	16983807	24800575
G3IH47	1	1	2.653488	0.044186	1.713643	31C	37C	Retinal rod rhodopsin-s		1539298	1740796	1211958	623716.2	971887	1025743	1200734	1740796	420789.4	713150.2	843325.9	1192006
G3IHH9	2	2	8.434167	0.000837	1.716504	31C	37C	Isoamyl ac	IAH1	17579875	18108774	19999947	11126434	11449108	9867493	13713231	18108774	6943943	12721841	9934621	11466921
G3HRY8	1	1	2.725581	0.045136	1.716557	31C	37C	SWI/SNF-re	SMARCA5	9877283	8198262	14061445	5482387	7370378	5869006	7704803	8198262	4882107	6268500	6395425	6820317
G3HRJ2	4	4	11.23778	0.001403	1.717706	31C	37C	182 kDa ta	TNKS1BP1	3688681	3728866	3457478	2366703	1892123	2072306	2877366	3728866	1200430	2706062	1641833	2408207
G3H6E1	1	1	2.85112	0.011141	1.718269	31C	37C	Eukaryotic	EIF3G	47647776	63936983	60102185	38518604	32258305	29141616	37167782	63936983	20867364	44041744	27991179	33865200
G3GWD2	1	1	3.087402	0.022378	1.720877	31C	37C	MORF4 family-associa		6514673	6207293	5651284	4598638	3329186	2748854	5081789	6207293	1962115	5258032	2888802	3194417
G3IBG3	5	5	20.19198	0.005252	1.721025	31C	37C	Ubiquitin a	UBA1	39701037	30887356	35426778	22444037	21162187	17993782	30968907	30887356	12300110	25662263	18362855	20910406
G3GWI3	1	1	4.03795	0.008806	1.721122	31C	37C	DNA-directed RNA pol		6691196	5782017	6475716	3861621	4200270	2947750	5219486	5782017	2248356	4415334	3644659	3425552

G3H638	1	1	2.535733	0.006634	1.721616	31C	37C	activator of	AHSA1	6941530	9439727	9336840	5205167	4894781	4838402	5414760	9439727	3241733	5951531	4247300	5622662
G3H037	2	2	5.734138	0.00189	1.722846	31C	37C	U5 small nu	SNRNP200	11894951	10098148	11086765	6466453	6999218	5735033	9278691	10098148	3849304	7393671	6073362	6664628
G3I557	1	1	2.63776	0.004274	1.725866	31C	37C	Toll-interacting protein		8225994	6143988	7186372	3855478	4337777	4296915	6416710	6143988	2495095	4408311	3763976	4993405
G3HHC3	2	2	5.507797	0.0066	1.726729	31C	37C	Importin su	KPNA4	751768	635743.9	672345.1	414012.4	450553.9	328358.2	586418.7	635743.9	233436.9	473377.2	390954.7	381582
G3HT18	2	2	7.194276	0.004839	1.727319	31C	37C	Nucleosom	NAP1L1	52191599	41243196	47372141	28947818	28985392	23584389	40712204	41243196	16447517	33098614	25151207	27407198
G3IBF1	1	1	2.220648	0.016338	1.732392	31C	37C	Nucleopho	NPM1	24132170	19962968	26001579	13118359	16366089	10977929	18824368	19962968	9027699	14999386	14201184	12757348
G3ILH7	1	1	2.869575	0.000848	1.733528	31C	37C	26S protea	PSMD1	35439565	40519633	39170366	20928280	24218824	21266326	27644733	40519633	13599877	23929163	21015160	24713399
Q60455	5	5	18.46007	8.36E-05	1.736191	31C	37C	Tubulin bet	TBB7_CHIC	1.86E+08	1.69E+08	1.88E+08	1.04E+08	1.05E+08	1.04E+08	1.45E+08	1.69E+08	65424482	1.19E+08	91283928	1.21E+08
G3HDE5	1	1	4.455352	0.007611	1.739415	31C	37C	Proteasom	PSME1	29242133	25852360	33467372	19766063	16189414	14959259	22810409	25852360	11619808	22600297	14047880	17384015
G3I1X8	1	1	5.496485	0.007795	1.739706	31C	37C	Guanine nu	GNB1	6697022	5768136	6911946	3908771	4196748	3032630	5224031	5768136	2399814	4469245	3641602	3524191
G3H0S4	1	1	2.327318	0.031642	1.742607	31C	37C	Sorbitol de	SORD	1953284	2098336	2452697	1372779	1484550	875192.1	1523665	2098336	851571.8	1569621	1288174	1017053
G3I3W4	1	1	3.148695	0.018826	1.74343	31C	37C	S-formylglu	ESD	78217247	83484040	89640233	51913054	56859294	35392604	61013585	83484040	31122919	59356811	49337952	41129414
G3HSZ7	1	1	3.369233	0.015849	1.74382	31C	37C	Heterogen	HNRNPLL	36902628	37179868	37027218	23218900	24812801	15684557	28786000	37179868	12855780	26548232	21530566	18226877
P60520	1	1	2.524843	0.001313	1.744535	31C	37C	HUMAN Ga	GABARAPL	3977151	3620822	3633705	2169213	2363690	1905303	3102388	3620822	1261616	2480254	2051021	2214135
G3HIU2	1	1	2.230994	0.01069	1.745537	31C	37C	Transportir	TNPO1	7248380	6957949	5752983	4624182	3449548	3360756	5654119	6957949	1997425	5287238	2993242	3905503
G3HLP4	2	2	5.9748	0.003061	1.749662	31C	37C	Eukaryotic	EIF4H	30424260	31035056	35849915	19503319	20087423	16025283	23732530	31035056	12447022	22299878	17430261	18622832
G3I3C7	1	1	3.719024	0.029585	1.750647	31C	37C	Putative all	RPS7	15752606	14819924	22943862	10601651	11540184	8427665	12287865	14819924	7966065	12121811	10013650	9793711
G3GTS6	2	2	4.835492	0.001141	1.750891	31C	37C	26S protea	PSMD11	5665472	5787860	6531955	3537691	3644498	3089885	4419367	5787860	2267882	4044957	3162405	3590726
G3I531	2	2	5.554465	0.007332	1.751309	31C	37C	Ran GTPas	RANGAP1	16138429	11566385	12926416	8078254	8141531	6980705	12588827	11566385	4488027	9236586	7064570	8112212
G3I9G7	3	3	7.602597	0.004326	1.752784	31C	37C	Proteasom	PSMA3	13101852	10841734	11196288	6498355	7665073	5884603	10220137	10841734	3887330	7430147	6651138	6838443
G3GXD7	10	10	33.4909	0.006662	1.753976	31C	37C	Fatty acid s	FASN	33368416	23716665	31369999	17333408	16237122	16860656	26029128	23716665	10891604	19818827	14089277	19593610
G3HGP6	2	2	7.210002	0.007149	1.754421	31C	37C	T-complex	TCP1	4681112	4240885	4747405	3118935	2518366	2154102	3651515	4240885	1648290	3566155	2185237	2503262
G3HDD8	1	1	2.20982	0.009909	1.755431	31C	37C	Importin-4	IPO4	8399163	9155245	10894272	6037806	5736892	4431396	6551791	9155245	3782471	6903560	4978016	5149684
G3HQ88	2	2	6.40221	0.007727	1.760029	31C	37C	Bcl-2-like p	BCL2L13	10477612	8636746	9278009	6279715	5416443	4435606	8173091	8636746	3221307	7180156	4699957	5154576
G3IAY2	1	1	2.902862	0.021477	1.760679	31C	37C	UPF0557 p	MCMBP	1579133	1275667	974080.5	803102.8	671395	700163.6	1231807	1275667	338198.9	918258.8	582582.9	813653.6
G3I2G0	1	1	2.601521	0.000427	1.760801	31C	37C	UPF0696 p	BLES03	16691606	15704300	15463887	9883618	8889991	8407087	13020335	15704300	5369032	11300820	7714024	9769797
G3HZA8	1	1	3.674492	0.029701	1.761886	31C	37C	GAPDH	GAPDH	3.88E+08	3.46E+08	3.39E+08	2.55E+08	2.13E+08	1.41E+08	3.02E+08	3.46E+08	1.18E+08	2.91E+08	1.85E+08	1.64E+08
G3HAF4	1	1	3.286554	0.028712	1.766827	31C	37C	Splicing fac	SF3B3	2540012	2100554	2782017	1076983	1826630	1297469	1981343	2100554	965911.1	1231410	1585004	1507777
G3HVG9	6	6	19.91601	0.000332	1.767792	31C	37C	Matrin-3	MATR3	8269672	7383567	8357061	4261895	4634295	4685896	6450781	7383567	2901556	4873004	4021271	5445436
G3I1V4	1	1	2.96785	0.019201	1.770108	31C	37C	Bifunctiona	ATIC	2013512	1249211	1709137	1012119	913955.4	882715.1	1570646	1249211	593409.1	1157246	793057.5	1025795
G3I5L3	9	9	43.74577	0.000283	1.777091	31C	37C	Annexin	ANXA1	7.01E+08	6.36E+08	6.97E+08	4.06E+08	3.8E+08	3.58E+08	5.47E+08	6.36E+08	2.42E+08	4.65E+08	3.3E+08	4.16E+08
G3GWX6	3	3	14.43406	0.000359	1.779082	31C	37C	Leukocyte	SERPINB1A	34774913	36315469	35456012	20948386	20920573	18019458	27126269	36315469	12310260	23952152	18153201	20940243
G3IE48	4	4	9.512314	0.000346	1.783587	31C	37C	Elongation	EEF1G	48777013	45853542	54501141	27575293	27966055	28072007	38048647	45853542	18922693	31529284	24266708	32622217
G3H1H6	1	1	3.297755	0.000894	1.784839	31C	37C	Protein farnesyltransfe		652238.9	601229.6	729359.6	351814.5	365226.2	393887.3	508780.8	601229.6	253232.3	402260.8	316914.1	457732.8
G3HFY1	2	2	8.400545	0.001641	1.78605	31C	37C	Protein pho	PPM1F	1745278	1489238	1703415	899439	1026064	839218	1361409	1489238	591422.3	1028409	890336.2	975247.4
G3GV30	1	1	2.690964	0.015601	1.787943	31C	37C	Echinoderr	EML4	4909030	5418494	5549967	3732077	2879735	2268499	3829303	5418494	1926938	4267216	2498804	2636201
G3HF04	2	2	6.292775	0.002646	1.788021	31C	37C	Receptor e	REEP5	7131696	6414868	7182296	3318661	4374573	3899953	5563100	6414868	2493680	3794520	3795905	4532099
G3HSL4	5	5	16.66606	0.004579	1.788916	31C	37C	Elongation	EEF2	1.55E+08	1.67E+08	2E+08	1.09E+08	95091297	87364120	1.21E+08	1.67E+08	69584036	1.25E+08	82512629	1.02E+08
G3HNJ6	1	1	2.09688	0.012678	1.78942	31C	37C	60S ribosor	RPL5	3265096	2864932	4446554	1915392	2032301	1962929	2546948	2864932	1543835	2190038	1763468	2281101
G3HKJ4	1	1	2.114273	0.036406	1.793216	31C	37C	Cold shock	CSDE1	1119942	1661803	1720376	638820.1	913933.8	957887	873613.7	1661803	597311.4	730419.8	793038.7	1113151
G3IFA9	2	2	5.840019	0.003329	1.794003	31C	37C	Transcriptio	ELOB	4940231	5327400	6085170	3047121	3405158	2662978	3853641	5327400	2112760	3484044	2954724	3094622
G3HQK2	2	2	7.586864	0.000603	1.79524	31C	37C	3-keto-ster	HSD17B7	11822162	11629683	11009537	5721424	6885207	6589346	9221911	11629683	3822490	6541813	5974433	7657417
G3H1G7	2	2	6.950531	2.27E-05	1.796258	31C	37C	Pyridoxal p	PROSC	43263314	40530976	40715531	23780532	22597393	22938310	33747671	40530976	14136355	27190396	19608212	26656396
G3HXP0	1	1	2.319893	0.022085	1.799235	31C	37C	Ribosome I	NSA2	309727.9	268484.2	333207.4	194788	190443.7	121327.6	241604.1	268484.2	115689	222718.5	165251.8	140993.7
G3HJ15	3	3	9.689825	0.007054	1.80088	31C	37C	E3 SUMO-p	RANBP2	4476927	3787831	3590239	2631546	2001014	1950330	3492240	3787831	1246524	3008881	1736320	2266461
G3HT19	1	1	2.804126	0.043912	1.8015	31C	37C	Zinc finger	ZCCHC3	2783730	1501899	1745745	1114011	1202792	1031169	2171456	1501899	606119.4	1273748	1043687	1198312
G3I4N3	4	4	14.74101	0.00216	1.802668	31C	37C	Lysine--tRN	KARS	28907377	22042879	24269299	14522858	13346970	13856959	22549282	22042879	8426254	16605275	11581434	16103043
G3GS70	6	6	23.44048	0.001064	1.803025	31C	37C	Importin-5	IPO5	52886286	47999787	54783177	29297792	25735880	31304139	41254098	47999787	19020615	33498771	22331540	36378248
G3I9F1	3	3	18.11691	0.004811	1.804423	31C	37C	Ras GTPas	G3BP2	18474432	14639526	18034511	10688756	9377137	8280271	14411033	14639526	6261548	12221405	8136730	9622426
G3I4I9	11	11	29.55929	0.001296	1.807474	31C	37C	MVP	MVP	17264490	15899247	17311002	10345158	9410614	8169799	13467214	15899247	6010347	11828539	8165779	9494047
G3HE31	3	3	9.480883	0.010391	1.80761	31C	37C	26S protea	PSMC2	16461690	11950540	14509370	9405026	7247215	7092710	12840988	11950540	5037626	10753603	6288554	8242372
G3IN68	1	1	3.144115	0.017701	1.809019	31C	37C	CD2 antige	CD2BP2	8491736	7279825	10995333	5716734	4906357	4173270	6624003	7279825	3817559	6536451	4257345	4849718
G3GWQ1	12	12	32.95641	0.001202	1.810796	31C	37C	Vinculin	VCL	55201350	50533312	55403642	33701173	27377777	27908601	43059970	50533312	19236039	38533547	23756247	32432324
G3H4Z5	4	4	11.10386	0.006231	1.81208	31C	37C	C-1-tetrahy	MTHFD1	12607003	11577148	12887225	6675884	8190265	5591767	9834129	11577148	4474420	7633132	7106857	6498140

G3IGL0	1	1	4.358237	0.00849	1.814513	31C	37C	Putative he	HNRNPA1	32314645	21851524	28153517	16328110	14420368	14618882	25207131	21851524	9774847	18669379	12512844	16988466
G3HQK5	2	2	5.110053	0.003013	1.815145	31C	37C	UDP-N-ace	UAP1	2851498	2765048	2481906	1500520	1692391	1268690	2224319	2765048	861713.2	1715678	1468522	1474333
G3HD44	1	1	2.70187	0.016649	1.821246	31C	37C	Vacuolar p	VPS4B	11329466	7079769	9765167	5631233	5084318	4754298	8837582	7079769	3390448	6438689	4411765	5524925
G3HRM8	1	1	2.912652	0.020143	1.821861	31C	37C	Nascent pc	NACA	5553329	5549678	7669337	4137929	3430898	2735113	4331890	5549678	2662779	4731262	2977059	3178449
G3H1T8	2	2	5.75726	0.000104	1.828088	31C	37C	Alkylglycer	AGPS	8529116	8671204	7920070	4333879	4732195	4675274	6653161	8671204	2749833	4955309	4106220	5433092
G3HV49	1	1	2.044154	0.001643	1.828894	31C	37C	UPF0160 p	MYG1	1480373	1261143	1598990	847937.9	779836.7	745520.4	1154769	1261143	555166.2	969522.8	676680	866362.3
G3HXU8	1	1	5.774509	0.005688	1.829776	31C	37C	Fibroblast g	NPM3	27272739	32574237	31403271	19232561	16952106	13684961	21274177	32574237	10903156	21990296	14709683	15903166
G3HQQ2	1	1	3.881353	0.026069	1.829882	31C	37C	Phostensin	PPP1R18	3873998	2905525	3221389	2116593	2054238	1294501	3021923	2905525	1118460	2420089	1782504	1504327
G3HP75	1	1	3.876123	0.048286	1.831641	31C	37C	D-3-phospl	PHGDH	16218227	8238954	10346943	6037546	6692044	6272019	12651074	8238954	3592439	6903263	5806821	7288655
G3HW17	1	1	4.18466	0.008352	1.834918	31C	37C	Cell divisio	CDC5L	4419735	3052896	3529381	2233277	1816792	1945845	3447627	3052896	1225394	2553504	1576467	2261249
G3HPF1	1	1	3.760427	0.020962	1.835279	31C	37C	Small nucl	SNRPD2	65602027	52785707	90138007	36610992	36924976	40084739	51173047	52785707	31295745	41860602	32040544	46582101
G3HBD6	1	1	2.707164	0.021944	1.835593	31C	37C	C-jun-amin	SPAG9	734346.4	791386.8	1083606	589188.3	424019.9	408315.4	572829	791386.8	376225.8	673671.3	367930.6	474499.5
G3IHY5	3	3	9.480539	0.012765	1.836629	31C	37C	6-phospho	PGD	53881378	57434688	49608783	31036380	34725082	21858210	42030322	57434688	17224075	35486653	30131651	25401222
G3GZ25	1	1	5.133351	3.88E-05	1.838063	31C	37C	RPP40	RPP40	4667236	4347224	4785264	2553915	2459148	2494688	3640691	4347224	1661435	2920119	2133852	2899054
G3HF68	2	2	5.152615	0.001397	1.838449	31C	37C	Cold-inducible RNA-bi		47861082	49185128	55170385	30869897	27180821	24745496	37334173	49185128	19155053	35296298	23585344	28756509
G3I2I9	1	1	2.515347	0.043451	1.838607	31C	37C	60S ribosor	RPL3	5997768	4338634	8137099	3895492	3230844	2921217	4678576	4338634	2825185	4454062	2803469	3394719
G3HZK7	2	2	5.526573	1.91E-05	1.839471	31C	37C	Heat shock factor prot		4161082	3871278	4039966	2157983	2254059	2150892	3245864	3871278	1402669	2467413	1955892	2499532
G3GVR4	1	1	2.749187	0.025361	1.839586	31C	37C	Protein	FAM107B	10770121	9560630	6803353	5972137	4225172	4552807	8401264	9560630	2362111	6828475	3666266	5290775
G3IMD1	3	3	13.5665	0.006365	1.840016	31C	37C	S-(hydroxy	ADH5	36263560	36753832	45371637	24012047	22563555	17765718	28287493	36753832	15752946	27455109	19578850	20645375
G3GUU5	3	3	10.10993	0.016814	1.841404	31C	37C	Transketol	TKT	42663061	36164681	56168026	26092717	26572309	20646299	33279442	36164681	19501432	29834123	23057326	23992871
G3I2I1	4	4	18.33884	0.002296	1.846541	31C	37C	DNA helica	MCM4	20908674	20520222	25402270	11041940	13375314	11775362	16309870	20520222	8819620	12625231	11606029	13684039
G3IIV7	1	1	2.312637	0.011709	1.848695	31C	37C	FERM dom	FRMD8	2718499	2636972	3499581	1281621	1667604	1840668	2120573	2636972	1215048	1465392	1447014	2139023
G3H485	1	1	2.870624	0.019324	1.850609	31C	37C	Coatomer s	COPE	1193775	913773.8	903574.1	573513	645775.6	407809.3	931207.5	913773.8	313719.2	655748.4	560352.5	473911.3
G3IE21	2	2	7.985226	0.006449	1.853136	31C	37C	Aldose red	AKR1B8	6918854	6860194	9307358	3723493	4587182	4147344	5397072	6860194	3231497	4257400	3980390	4819590
G3GVV6	1	1	2.501176	0.005808	1.854703	31C	37C	Ras and Ra	RIN2	2798795	2800600	2477464	1703915	1480602	1170281	2183208	2800600	860170.6	1948237	1284748	1359973
G3I1W1	1	1	3.802177	0.008971	1.85841	31C	37C	Synapse-as	SYAP1	2983245	2515649	3307982	1660493	1802792	1275645	2327089	2515649	1148525	1898590	1564319	1482415
G3I3X6	1	1	2.895579	0.025403	1.858482	31C	37C	Proteasom	PSMA6	17810040	16959254	28350895	11104022	12377831	10481452	13892772	16959254	9843377	12696216	10740493	12180397
G3I132	1	1	4.298754	0.017086	1.859561	31C	37C	Acetoacety	AACS	4080887	6223710	6345814	3303823	2776801	2873325	3183308	6223710	2203255	3777554	2409486	3339064
G3HNG5	1	1	3.705394	0.037131	1.859875	31C	37C	Acyl-coenz	ACOT1	1455288	868672.4	940299.7	660358.9	634963.1	459774.5	1135201	868672.4	326470.3	755047.1	550970.2	534299.7
G3HR96	2	2	5.248327	0.002954	1.860218	31C	37C	Bleomycin	BLMH	12219039	11302159	12630171	6225483	7626683	5581782	9531496	11302159	4385172	7118148	6617826	6486537
G3ICH9	6	6	17.94039	0.00174	1.861654	31C	37C	Ataxin-10	ATXN10	20792814	16754803	21822760	10515528	10953063	10422611	16219494	16754803	7576821	12023338	9504193	12112019
G3I5F4	1	1	3.451274	0.037919	1.864173	31C	37C	Protein canopy-like 4		173733.2	183996.4	198554.1	142394.8	87723.89	68289.15	135521.1	183996.4	68937.62	162812.6	76119.78	79358.18
G3H133	2	2	8.594083	0.000321	1.865722	31C	37C	Translin	TSN	6096326	6601342	5734665	3452182	3070135	3357147	4755456	6601342	1991065	3947186	2664018	3901309
G3I4K5	2	2	6.359732	0.003035	1.868232	31C	37C	RNA-bindir	RBM14	9727406	8640863	11900276	5159762	5541719	5500227	7587891	8640863	4131753	5899615	4808661	6391762
G3H3Y2	3	3	6.072055	0.004935	1.869174	31C	37C	Retrovirus-	GAG	7425322	8218007	8246478	4358959	4978630	3443352	5792143	8218007	2863161	4983986	4320057	4001488
G3IMX9	2	2	5.450699	0.001547	1.870213	31C	37C	von Willebr	VWA5A	3066973	3160150	2712566	1650258	1738199	1391582	2392401	3160150	941797.8	1886887	1508271	1617144
G3HBG5	4	4	15.20026	0.002462	1.870338	31C	37C	26S protea	PSMC1	41455817	34536361	40487508	23298321	20855087	18123938	32337728	34536361	14057186	26639042	18096378	21061659
G3ILX2	1	1	3.278841	0.0024	1.87264	31C	37C	26S protea	PSMD13	4986133	4243830	4794452	2882217	2397473	2209424	3889447	4243830	1664625	3295495	2080335	2567551
G3IPB5	1	1	2.881019	0.007137	1.872699	31C	37C	Pre-mRNA-	PRPF8	1982098	1774854	2273390	1006871	1294131	919131.3	1546141	1774854	789316.6	1151246	1122943	1068114
G3IEG2	3	3	8.709806	0.002425	1.875371	31C	37C	Serpin B6	SERPINB6	16608012	13027255	15461237	8549652	8366326	7130730	12955127	13027255	5368112	9775577	7259629	8286555
G3HNE2	1	1	2.593882	0.005955	1.8825	31C	37C	3-beta-hyd	EBP	369838.2	373456.9	448939	240347.4	221549.5	171428.1	288493.4	373456.9	155870.8	274810.6	192243	199215
G3HN02	1	1	3.30999	0.037559	1.885653	31C	37C	Talin-1	TLN1	557337.6	404385.9	528591.4	251047.8	356019.8	183276.7	434752.8	404385.9	183525.9	287045.3	308925.5	212984.1
G3HV16	1	1	2.673426	0.002786	1.886098	31C	37C	Niban-like protein 1		1388607	1609054	1604512	896817.1	859646	683586.8	1083187	1609054	557083.4	1025411	745932.1	794389.8
G3HH25	1	1	2.529363	0.001542	1.888076	31C	37C	Exocyst co	EXOC4	1301223	1531770	1308252	663801.9	707763.8	821801.7	1015023	1531770	454222.4	758983.8	614140.9	955008
G3HKQ9	2	2	6.415978	0.005948	1.890629	31C	37C	SWI/SNF c	SMARCC1	3237534	2391265	2443093	1612010	1369953	1287458	2525448	2391265	848237.4	1843154	1188735	1496143
G3GXB1	2	2	5.885962	0.00313	1.892392	31C	37C	THO compl	ALYREF	26998645	24981044	33345150	16547673	14353446	14187231	21060370	24981044	11577373	18920426	12454773	16486848
G3HUC4	1	1	3.114168	0.039191	1.893197	31C	37C	Sushi, von Willebrand f		63714271	75011469	84608067	46138808	46808650	25019043	49700498	75011469	29375760	52754601	40616807	29074396
G3I2N4	3	3	10.44633	0.000125	1.894687	31C	37C	Lamina-as	TMPO	16872359	15255519	15682503	8396373	8876245	7961306	13161331	15255519	5444935	9600319	7702096	9251759
G3HG40	3	3	11.57092	0.003043	1.901067	31C	37C	Eukaryotic	EIF2A	7385784	6364085	6077188	3969420	3469058	2990960	5761302	6364085	2109988	4538591	3010171	3475767
G3H229	1	1	5.470896	0.016588	1.901267	31C	37C	GMP synth	GMPS	1167546	885456.3	733914.1	568263.8	472029.8	425527	910747.7	885456.3	254813.6	649746.6	409589.8	494501
G3I905	1	1	2.130617	0.008609	1.902331	31C	37C	E3 ubiquiti	UBR4	2372327	2934726	2683177	1756259	1244609	1199364	1850540	2934726	931593.9	2008087	1079972	1393770
G3GWE6	1	1	3.607962	0.003384	1.903254	31C	37C	Cell growth	LYAR	628517.7	564828.7	539389.5	309677.8	348298.9	252430.4	490277	564828.7	187275	354082.2	302226	293347
G3ILD4	1	1	2.993157	0.016004	1.904496	31C	37C	UPF0688 p	CA174_MO	5205741	4772932	4823812	3205445	2726406	1840540	4060753	4772932	1674818	3665071	2365757	2138874
G3IAQ0	11	11	47.23326	0.007945	1.904644	31C	37C	Alpha-enol	ENO1	8.75E+08	5.69E+08	7.23E+08	3.89E+08	3.92E+08	3.57E+08	6.83E+08	5.69E+08	2.51E+08	4.44E+08	3.4E+08	4.15E+08

G3HIL4	4	4	16.11162	0.002363	1.90501	31C	37C	Anamorsin	CIAPIN1	11665262	9942711	13199517	6407199	6298720	5565630	9099521	9942711	4582847	7325920	5465526	6467766
G3I3D5	1	1	2.047315	0.006312	1.906657	31C	37C	SH3 domain-binding gl		4242347	3989671	5619545	2555950	2570252	2138642	3309255	3989671	1951096	2922445	2230259	2485296
G3HS67	1	1	2.853741	0.045128	1.906667	31C	37C	Heme oxyg	HMOX2	1643647	1042092	1431231	561638.7	589350.8	1008260	1282131	1042092	496920.5	642171.5	511391.5	1171690
G3I5Z8	9	9	35.34939	3.11E-06	1.909732	31C	37C	Proteasom	ECM29	12791680	12684500	12866007	6468300	6808668	6800289	9978186	12684500	4467053	7395782	5908018	7902552
G3HC84	1	1	2.179416	0.022084	1.913906	31C	37C	Heat shock	HSP90AB1	1072043	1365795	1820221	784169.2	815562	625068.7	836250.5	1365795	631977.2	896610.3	707679.6	726386.5
G3GZ89	4	4	10.49589	0.000357	1.915244	31C	37C	Inosine-5'-monophosp		7827702	7924179	7055311	4294637	3932664	3680940	6106021	7924179	2449591	4910440	3412451	4277586
G3HJG1	1	1	2.512304	0.001153	1.915846	31C	37C	Cold shock	CSDE1	737121.8	865813	789493	469335.1	381298.7	398124.5	574994	865813	274110.5	536632.5	330860.5	462656.7
G3I4K4	1	1	3.182611	0.020304	1.916583	31C	37C	Copper cha	CCS	8223066	4689031	6552383	3188115	3322313	3645395	6414426	4689031	2274975	3645256	2882837	4236279
G3H6Y6	4	4	19.10704	0.002991	1.921337	31C	37C	NSFL1 cofa	NSFL1C	25055925	22202138	26815608	13891331	13914513	10747344	19544945	22202138	9310328	15883194	12073903	12489388
F7J0L2	1	1	2.864028	0.008939	1.921749	31C	37C	Splicing fac	SRSF1	496018.6	517481	442696.2	266823	298838	192083.8	386920.7	517481	153703.3	305082.5	259307.8	223218.7
G3H319	3	3	11.82608	0.002083	1.929213	31C	37C	Tubulin-spe	TBCA	48760797	45023328	44617425	28346648	21898849	21494399	38035998	45023328	15491085	32411242	19002071	24978440
G3H5W0	1	1	2.726687	0.03888	1.930313	31C	37C	Proteasom	PSMB3	5714400	6943230	10226237	3995969	4770156	3088877	4457534	6943230	3550530	4568946	4139160	3589555
G3HLR7	1	1	2.821917	0.007422	1.9307	31C	37C	Adenosine	ADA	8229272	5737082	8220503	3479878	4009120	4002617	6419267	5737082	2854143	3978854	3478794	4651404
G3IHE8	2	2	4.387908	0.002101	1.931036	31C	37C	Leucine-ric	LRRC47	2716398	2369568	3215806	1364238	1447210	1487680	2118934	2369568	1116522	1559855	1255773	1728819
G3IH96	3	3	9.834428	0.009273	1.936381	31C	37C	Eukaryotic	EIF4B	5688715	4354300	6241636	3188993	2865081	2355762	4437498	4354300	2167084	3646259	2486089	2737609
G3HIS0	1	1	2.969394	0.009175	1.937042	31C	37C	26S protea	PSMD6	2109911	1616781	2517851	977648.1	1141903	1104202	1645842	1616781	874193.2	1117832	990851.8	1283183
G3H7Y4	1	1	2.549874	0.009835	1.938954	31C	37C	Astrocytic p	PEA15	3383862	2630468	3842044	1933353	1722705	1427288	2639591	2630468	1333950	2210574	1494826	1658637
G3HC01	3	3	7.36981	0.042323	1.939773	31C	37C	Tropomyos	TPM3	10894795	6799824	5566987	4597806	3853738	3540377	8498516	6799824	1932847	5257080	3343966	4114239
G3I9X6	2	2	5.544559	0.021475	1.941574	31C	37C	Spectrin alp	SPTAN1	4933311	3668898	4076914	2940576	1746431	1843326	3848243	3668898	1415497	3362222	1515413	2142112
G3HR69	1	1	2.907055	0.0012	1.942109	31C	37C	Serine/thre	PPP2R5D	5075557	4471779	4447006	2412445	2680145	2113154	3959202	4471779	1543992	2758363	2325616	2455677
G3HH63	1	1	3.457076	0.000796	1.943927	31C	37C	Phospholip	PLAA	6529021	6639789	5840656	3666255	3028573	3084072	5092982	6639789	2027865	4191955	2627954	3583972
G3GRE1	2	2	4.584159	0.003018	1.94414	31C	37C	Bifunctiona	EPRS	5923743	5305223	6506860	2924987	3548255	2649469	4620833	5305223	2259170	3344398	3078892	3078923
G3GYP7	9	9	32.45177	0.002634	1.945299	31C	37C	aldo-keto r	AKR1A1	61555046	66153451	83506840	34145802	35819416	38612095	48016188	66153451	28993416	39041931	31081227	44870755
G3H9B2	1	1	2.779738	0.046294	1.946454	31C	37C	Myoferlin	MYOF	1920624	1462344	2630589	877017.4	1377443	835032.6	1498188	1462344	913335.4	1002772	1195235	970383.6
G3IEE6	1	1	3.268167	0.036286	1.94673	31C	37C	Spermidina	SRM	7080090	7467172	7851190	3192166	5678511	2635006	5522844	7467172	2725918	3649887	4927358	3062116
G3HQR7	1	1	2.369923	0.040273	1.948441	31C	37C	60S riboso	RPL18A	2082777	1950194	3508312	1093112	1207400	1569907	1624676	1950194	1218079	1249852	1047685	1824375
G3GWB9	3	3	8.736093	0.00088	1.952725	31C	37C	Acyl-coenz	ACOX3	2115703	2385598	1873372	1036408	1136538	1091556	1650360	2385598	650431.3	1185017	986196.6	1268487
G3GWT7	3	3	9.242369	0.001378	1.959814	31C	37C	Guanine nu	GNAS	3041383	2453498	3028106	1355685	1582063	1411128	2372440	2453498	1051353	1550075	1372788	1639858
G3IA72	2	2	5.307256	0.001281	1.95987	31C	37C	Profilin	PFN2	15823467	15013672	19044066	7930932	9130750	8389607	12343140	15013672	6612064	9068139	7922935	9749484
G3H9H7	2	2	7.226737	0.01197	1.963436	31C	37C	Heterogen	RBMXL1	2743433	2207401	2478599	1517338	1332785	933770	2140023	2207401	860564.9	1734907	1156485	1085125
G3IJQ0	1	1	2.318732	0.007063	1.96414	31C	37C	COBW domain-contair		3479686	4342393	4405972	2547014	1898724	1779915	2714339	4342393	1529745	2912227	1647561	2068423
G3HRG8	1	1	3.277019	0.00852	1.967038	31C	37C	Endoplasm	ERP44	2066416	2376456	1840822	1091825	1266625	836045.5	1611914	2376456	639129.9	1248380	1099076	971560.7
G3HDD1	1	1	3.179625	0.000864	1.975701	31C	37C	Geranylger	RABGGTA	2101135	1829856	1672271	1004897	885468.3	945722.2	1638996	1829856	580609.2	1148988	768338.6	1099015
G3HWJ3	10	10	31.64513	8.07E-05	1.97582	31C	37C	Uncharact	MACF1	35052411	36886107	36702904	19357958	17011096	18616424	27342733	36886107	12743178	22133674	14760870	21633973
G3H3I9	2	2	5.53541	0.013561	1.976984	31C	37C	Cysteine an	CSRP1	15007616	12096938	19936356	7995030	8752578	7046674	11706734	12096938	6921865	9141428	7594788	8188874
G3H1V8	1	1	1.916583	0.034298	1.977238	31C	37C	WAS/WASL	WIPF1	1540474	1471521	972965.6	903102.6	567651.3	544664.3	1201651	1471521	337811.8	1032598	492562.4	632949.2
G3IGH6	1	1	2.309951	0.032109	1.979825	31C	37C	Transcriptio	SUPT6H	5142768	4459624	4360589	3170189	2387590	1494854	4011631	4459624	1513988	3624759	2071760	1737156
G3HQR1	1	1	3.647473	0.000158	1.983019	31C	37C	Guanine nu	GNL1	4530785	4213415	4467547	2029102	2328072	2305267	3534252	4213415	1551124	2320053	2020115	2678929
G3GT57	2	2	5.558071	0.020078	1.984741	31C	37C	Protein SO	SON	2647517	1608785	2553401	1005261	1112037	1313731	2065203	1608785	886536.1	1149404	964936.6	1526674
G3GUS6	1	1	4.230184	0.01892	1.985758	31C	37C	2',5'-phosp	PDE12	1980969	2326772	2890499	1070834	1575819	978280.2	1545260	2326772	1003576	1224379	1367370	1136850
G3GT05	3	3	9.495133	0.003541	1.986746	31C	37C	T-complex	CCT8	9316347	6895511	9054890	4629240	4262085	3826332	7267243	6895511	3143840	5293021	3698297	4446545
G3HKZ1	1	1	3.686604	0.031949	1.988192	31C	37C	14-3-3 prot	YWHAZ	10067640	5596910	8718421	5009662	3549639	3704590	7853291	5596910	3027019	5727992	3080093	4305069
G3H3Q1	3	3	8.672592	0.001068	1.988903	31C	37C	Pyruvate ki	PKM	4930845	4914384	5262370	2746663	2698895	2150389	3846320	4914384	1827085	3140505	2341886	2498947
G3H2Z7	7	7	21.12314	0.000808	1.993651	31C	37C	26S protea	PSMD4	32752675	28383285	35767784	17292452	15465381	15848327	25548817	28383285	12418506	19771997	13419622	18417193
G3HWJ5	1	1	3.380356	0.017641	2.000738	31C	37C	Poly(U)-bin	PUF60	5666767	4498292	6779815	2990245	2139220	3339847	4420377	4498292	2353939	3419013	1856244	3881205
G3HNE4	1	1	2.689805	0.00087	2.001598	31C	37C	Putative tR	FTSJ1	6042847	5819481	4972172	2594281	3070824	2745426	4713740	5819481	1726329	2966272	2664615	3190433
G3HTV9	2	2	4.209291	0.006294	2.006517	31C	37C	Acyl-coenz	ACOX1	2388344	3133058	2709542	1104921	1396538	1600646	1863035	3133058	940747.7	1263355	1211804	1860096
G3ICE3	1	1	2.547411	0.028067	2.006616	31C	37C	COP9 signa	COPS5	2410057	3504572	3309313	1461110	2034480	1101174	1879972	3504572	1148987	1670617	1765360	1279664
G3H7V9	6	6	17.29586	0.000195	2.007095	31C	37C	DNA helica	MCM2	5650852	6627781	6005037	2897407	3163209	3048905	4407963	6627781	2084937	3312863	2744780	3543104
G3HC30	1	1	2.387555	0.002277	2.011017	31C	37C	Protein S100		1432770	1075908	1236507	692825.9	589816.2	579691.5	1117636	1075908	429312.8	792169.5	511795.4	673654
G3GWM0	1	1	6.482581	0.011533	2.015964	31C	37C	Eukaryotic	GSPT1	19890749	18430576	25977525	9125619	9439711	13329513	15515835	18430576	9019347	10434132	8191027	15490102
G3HEI4	1	1	2.116513	0.006805	2.025697	31C	37C	Putative tra	PML	2384844	2065337	3208616	1282468	1321820	1176532	1860304	2065337	1114025	1466360	1146970	1367237
G3HNY5	1	1	2.874928	0.048803	2.025771	31C	37C	Phosphogly	PGK1	20795565	19301484	35913350	16156665	11640755	9724295	16221639	19301484	12469047	18473351	10100917	11300512
G3H1N7	3	3	11.04628	0.00174	2.026926	31C	37C	Splicing fac	SRSF4	15572129	12182858	16285094	7539712	7296179	6891630	12147083	12182858	5654154	8620823	6331041	8008698

Q3HR12	3	3	9.662357	0.014026	2.034853	31C	37C	Guanine nu	GNAI3	4399535	4052798	6362481	2382919	2844724	2052889	3431870	4052798	2209041	2724604	2468424	2385643
G3IIB5	1	1	2.450551	0.008656	2.040751	31C	37C	Secretory c	SCAMP2	2123469	1424071	1931001	991393.1	752551.2	940626.8	1656418	1424071	670439.9	1133548	653003.8	1093094
G3HUM2	1	1	3.249389	0.049481	2.041942	31C	37C	F-box only	protein 6	3127434	2715889	1744811	1294353	836407.8	1585375	2439564	2715889	605795.1	1479949	725767.8	1842349
G3HIM4	2	2	5.489935	0.006447	2.045759	31C	37C	CDC42	CDC42	8198032	8509962	11248175	3995038	5429033	4241358	6394898	8509962	3905345	4567882	4710881	4928843
G3HPT8	3	3	15.89593	0.007367	2.048737	31C	37C	Suprabasin	SBSN	2610420	2223860	3064224	1225334	1071308	1558663	2036266	2223860	1063893	1401033	929595.1	1811307
G3I1P5	1	1	3.043403	0.047845	2.057157	31C	37C	SH3 domai	SH3BGRL	1.09E+08	52322775	81442976	34945160	49297886	33908370	85252153	52322775	28276846	39955908	42776767	39404599
G3I7L9	2	2	5.671268	0.020308	2.057286	31C	37C	Eukaryotic	EIF3C	2965992	2470389	4461635	1784749	1597168	1429284	2313630	2470389	1549071	2040662	1385895	1660958
G3HKQ7	4	4	12.72332	0.021508	2.058628	31C	37C	Microtubul	MAP4	11932777	10364543	8595272	6477481	5039423	3489495	9308197	10364543	2984262	7406280	4372809	4055109
G3H8N3	2	2	6.184141	0.021862	2.066513	31C	37C	60S riboso	RPL4	18056404	9907430	10754821	6412260	6338767	5985203	14084949	9907430	3734053	7331707	5500276	6955349
G3HTA6	3	3	10.10305	0.001166	2.070865	31C	37C	EPM2A-int	EPM2AIP1	4280808	3879118	3743451	1629182	2017173	2101666	3339256	3879118	1299719	1862788	1750342	2442326
G3HH71	1	1	2.954881	0.038305	2.073885	31C	37C	Putative RN	LUC7L2	635339	475455.3	878625.5	424645.1	283287.4	251339.2	495598	475455.3	305057.1	485534.5	245814.2	292079
G3HZG6	4	4	12.81495	0.005389	2.074669	31C	37C	Large proli	BAG6	20368059	22319670	27989831	13317247	11116736	9632933	15888162	22319670	9718016	15226793	9646215	11194341
G3HGI4	2	2	5.54428	0.000353	2.075504	31C	37C	Hypoxanth	HPRT1	21018610	23090107	26070946	10916207	11528013	11369094	16395627	23090107	9051783	12481470	10003089	13211918
G3H3G9	5	5	16.03409	0.00299	2.078312	31C	37C	Septin-9	SEPTIN9	11473158	8800503	12218256	4758201	5665276	5210322	8949669	8800503	4242155	5440474	4915874	6054866
G3HEN3	3	3	9.059766	0.000483	2.081984	31C	37C	Protein HIF	HIRA	9184018	10539384	10059626	4920670	5140521	4243923	7164019	10539384	3492683	5626240	4460534	4931824
G3IBF7	1	1	3.595465	0.009484	2.08454	31C	37C	Ubiquitin-c	UBE2K	32220191	21891372	34868172	13628031	15780853	13276668	25133451	21891372	12106163	15582139	13693363	15428691
G3HYS8	1	1	3.199534	0.012533	2.090865	31C	37C	Uncharacterized protei		2078834	2158896	1525082	1174066	766834.5	815285.8	1621600	2158896	529505.5	1342414	665397.7	947436.1
G3HP44	1	1	3.94442	0.003475	2.095481	31C	37C	Kinesin-like	KIF15	804893.4	703082	672919.4	291446.8	421104.9	328209.4	627859.4	703082	233636.4	333237.1	365401.2	381409.1
G3HLV8	1	1	2.298033	0.032938	2.096403	31C	37C	DnaJ-like s	DNAJC7	682041.8	1259456	701587.9	484835	350589.7	425346.9	532028.6	1259456	243590	554355	304213.7	494291.6
G3H9Z5	2	2	6.769959	0.000714	2.101925	31C	37C	Epidermal	EPS8	7007051	5540079	5820763	3074742	2917249	2746613	5465870	5540079	2020958	3515626	2531356	3191814
G3I7A8	2	2	4.777395	0.004724	2.103778	31C	37C	Proteasom	PSMA5	11605040	8410683	12591441	4934784	5017831	5546723	9052544	8410683	4371725	5642377	4354073	6445795
G3HP03	2	2	5.638832	0.003321	2.104631	31C	37C	RNA-bindir	EWSR1	16826431	16524301	15176748	9502618	7115151	6439710	13125505	16524301	5269338	10865188	6173959	7483526
G3HF76	1	1	2.608813	0.013684	2.109642	31C	37C	DAZ-assoc	DAZAP1	2712907	1843085	3243929	1202997	1331484	1162791	2116211	1843085	1126286	1375493	1155356	1351269
G3HH07	1	1	5.445791	0.009422	2.109862	31C	37C	Pre-mRNA-	PRPF6	837692.6	913246.9	859362.1	504181.4	439716.7	293292.4	653444.5	913246.9	298368.9	576475.4	381551	340832.3
G3I6I1	2	2	5.375611	0.007891	2.116118	31C	37C	26S protea	PSMC6	14581280	9487663	9675123	5557347	5582540	4806328	11374169	9487663	3359184	6354209	4844082	5585389
G3I9D3	2	2	4.514403	0.029855	2.117423	31C	37C	Proteasom	PSMB7	6230724	3911312	6941809	2206295	2394036	3467894	4860294	3911312	2410183	2522654	2077353	4030007
G3IC31	1	1	2.707698	0.003021	2.11794	31C	37C	26S protea	PSMD10	5566286	6794787	7631483	2967424	3603397	2868803	4341997	6794787	2649636	3392920	3126740	3333809
G3ICY6	2	2	10.22342	0.006767	2.119492	31C	37C	40S riboso	RPS17	53224915	38273499	59160473	21374595	23570033	26137914	41518246	38273499	20540404	24439475	20452191	30374626
G3HF44	2	2	6.707304	0.003876	2.120271	31C	37C	Paralemmi	PALM	5869725	5819251	4802115	3180077	2285336	2312408	4578696	5819251	1667285	3636065	1983032	2687227
G3GVZ1	1	1	3.803689	0.000437	2.125922	31C	37C	Transcripti	BTF3L4	57886987	49137299	58137248	28101549	25353029	24234788	45154908	49137299	20185142	32131000	21999333	28163020
G3IHR8	1	1	2.0441	0.019933	2.126703	31C	37C	Adenosylh	AHCYL1	2132421	2464311	3368412	1095556	1642757	1006988	1663401	2464311	1169506	1252646	1425454	1170211
G3HSJ3	1	1	2.836075	0.000519	2.128689	31C	37C	Nuclear fa	NFIC	1649795	1433187	1562421	731628.2	802545.2	648110	1286927	1433187	542469.6	836535.5	696384.6	753162.5
G3H7A8	7	7	19.90772	0.002995	2.133169	31C	37C	Kinectin	KTN1	7959677	6652537	8007532	3642685	4076983	2884156	6208969	6652537	2780200	4165006	3537680	3351651
G3I837	2	2	9.145588	0.00085	2.133185	31C	37C	Mannose-6	MPI	10804639	8202483	9729261	4563781	4283200	4624135	8428190	8202483	3377981	5218176	3716619	5373664
G3GR83	1	1	7.068208	0.00013	2.134861	31C	37C	1,5-anhydr	AKR1E2	8035027	6920628	7367471	3541151	3623145	3292185	6267746	6920628	2557972	4048913	3143875	3825817
G3H3B2	1	1	3.06194	0.008613	2.135512	31C	37C	Cysteine-ri	CRIP2	48530593	61822113	79001363	33448264	27302071	27918830	37856427	61822113	27429123	38244374	23690555	32444211
G3I3H2	1	1	2.845064	0.007166	2.136174	31C	37C	60S acidic	RPLP2	761088.6	744051.4	1112093	425057.8	444901.8	355236.8	593689.3	744051.4	386116.5	486006.3	386050.2	412817.4
G3IAW1	1	1	3.218652	0.048392	2.138382	31C	37C	Golgi mem	GOLM1	693895	379337.1	363561.2	300397.8	179630.2	191878.8	541274.8	379337.1	126227.8	343471.5	155868.7	222980.6
G3GWF4	1	1	2.753349	0.009165	2.139942	31C	37C	Heat shock	HSPH1	1327155	1375611	1431981	817195.1	652082.3	462899.5	1035251	1375611	497181.1	934371.9	565825	537931.1
G3HRK0	1	1	3.807907	0.012726	2.145597	31C	37C	PA2G4	PA2G4	68400663	46957324	80337562	33618107	30989470	26600383	53356131	46957324	27893049	38438571	26890186	30912057
G3H8E7	1	1	3.566895	0.000146	2.145618	31C	37C	Mannose-1	GMPPB	7202958	7737459	7022147	3703883	3165138	3366990	5618688	7737459	2438076	4234979	2746454	3912747
G3HCC4	1	1	2.601838	0.020185	2.151575	31C	37C	tRNA pseu	PUS1	1085433	932054.9	1605125	459342.1	693152.3	531208.4	846695	932054.9	557296.5	525206.7	601462.1	617312.3
G3IC73	1	1	4.012965	0.014871	2.157934	31C	37C	Chloride ch	CLCC1	13694902	10309948	15883051	7873772	5711047	4899480	10682747	10309948	5514565	9002784	4955590	5693640
G3HUZ5	2	2	4.956479	0.004163	2.16059	31C	37C	Pleckstrin-	PLEKHO2	2631935	2628008	3826992	1338961	1476725	1390080	2053048	2628008	1328724	1530953	1281384	1615399
G3HQQ9	1	1	7.081775	0.001059	2.170588	31C	37C	ATP-bindin	ABCF1	26875955	27453471	27251679	14933725	11306138	11344929	20964665	27453471	9461731	17075055	9810563	13183836
G3I7D7	2	2	7.453715	0.000851	2.179997	31C	37C	RNA-bindir	FUS	24765187	23107751	27253465	12919142	10042087	11500467	19318154	23107751	9462351	14771603	8713721	13364585
G3GZ85	2	2	6.831265	0.02545	2.183715	31C	37C	Staphyloco	SND1	8088414	4109014	5393200	2278255	3092627	2684486	6309390	4109014	1872509	2604932	2683535	3119616
G3I519	1	1	2.986634	0.0007	2.190531	31C	37C	LXN	LXN	13351338	11063396	13669895	6362060	5599975	5423994	10414749	11063396	4746162	7274309	4859211	6303173
G3I412	3	3	8.424955	0.000402	2.19243	31C	37C	45 kDa cal	SDF4	5318147	5180806	6025967	2771015	2472960	2293286	4148435	5180806	2092204	3168348	2145837	2665006
G3IJ99	3	3	8.043807	0.006303	2.194281	31C	37C	ATP-bindin	ABCD3	3644713	3345489	4264386	1307650	1748502	2072904	2843069	3345489	1480587	1495153	1517210	2408902
G3HDL6	3	3	11.02847	0.002009	2.204905	31C	37C	Elongation	EEF1B	1.3E+08	1.01E+08	1.33E+08	56253644	48417066	60273902	1.01E+08	1.01E+08	46214003	64319792	42012462	70043738
G3I783	4	4	10.4097	0.000489	2.205692	31C	37C	Heterogen	HNRNPDL	44794762	38415142	47791772	20642745	18252191	20497604	34942281	38415142	16593212	23602686	15837793	23820074
G3HAC4	1	1	2.453485	0.034886	2.208348	31C	37C	Peptidylprolyl isomeras		1001242	985506.3	1065908	681617.9	437162.5	263545	781021.4	985506.3	370081.3	779354.3	379334.7	306263.2
G3HEW0	1	1	3.162686	0.037241	2.209849	31C	37C	DPY30		1133770	719320.8	1367260	661527.1	417460.1	378284.9	884400.2	719320.8	474710.2	756382.8	362238.5	439601.4

G3GVW2	1	1	3.339168	0.031046	2.21801	31C	37C	Putative hydrolase RBE	1385897	673232.3	764447	394125	471544.8	407352.2	1081073	673232.3	265414.5	450638.2	409168.9	473380.2
G3HB62	1	1	2.542916	0.010593	2.220525	31C	37C	ATP-bindin	ABCF2	1222744	829706.2	825725.2	531717.9	408401.7	356049.1	953805.1	829706.2	286690.2	607960.4	354378.4	413761.3
G3I8D0	4	4	10.74421	0.000998	2.223034	31C	37C	Suppresso	SUGT1	10026745	9680774	10755816	5192446	4669426	3841623	7821391	9680774	3734399	5936985	4051755	4464314
G3GX55	4	4	11.67347	0.000163	2.224973	31C	37C	Brain-spec	BAIAP2	8161536	7431234	8422196	3894859	3340384	3558130	6366429	7431234	2924171	4453338	2898518	4134869
G3H1U2	3	3	12.88519	0.003067	2.227277	31C	37C	Heterogen	HNRNPA3	29456181	20612037	28679075	11678695	10908326	12768838	22977377	20612037	9957320	13353290	9465374	14838548
G3GYR1	3	3	9.868442	0.003573	2.228924	31C	37C	Putative E3	EIF2B3	3148962	3185332	2691242	1469774	1532722	1046782	2456357	3185332	934394.3	1680524	1329974	1216456
G3IK13	2	2	10.77151	0.012083	2.233342	31C	37C	Eukaryotic	EIF3C	11011316	7869869	13172586	4325727	5793288	4233366	8589408	7869869	4573497	4945988	5026953	4919555
G3GXU1	2	2	11.2485	0.002529	2.245417	31C	37C	Protein phc	PPM1G	21176595	15878386	16828654	9098123	6865161	8033872	16518863	15878386	5842877	10402693	5957038	9336088
G3H9P6	1	1	2.782233	0.020753	2.262097	31C	37C	SH3 and P>	SH3PXD2A	1695330	1250725	1210131	874168.4	508805.3	454341.6	1322447	1250725	420155.4	999514.4	441500.6	527986.2
G3I0D0	1	1	1.989648	0.014066	2.270248	31C	37C	Protein NPAT		1868040	1002338	1319287	617757.7	550621.7	677086.3	1457170	1002338	458053.8	706337.3	477785.5	786835.7
G3I5R2	1	1	2.656411	0.045711	2.285497	31C	37C	40S ribosoı	RPS28	53832440	22666443	35545951	13578804	19544942	15900524	41992147	22666443	12341487	15525854	16959539	18477850
G3H9Y7	1	1	2.776891	0.000918	2.286485	31C	37C	NudC domain-containi		15028360	13135319	15626333	6970664	6748431	5432578	11722915	13135319	5425433	7970179	5855749	6313148
G3H8D0	1	1	3.933731	0.00926	2.293168	31C	37C	Guanine nu	GNAI2	13699240	8180613	12879564	4948946	5584921	4623950	10686131	8180613	4471760	5658570	4846148	5373449
G3HG83	1	1	2.963881	0.020733	2.29657	31C	37C	T-complex	CCT3	9279862	4580938	6059394	2798470	3232935	2642485	7238783	4580938	2103810	3199739	2805282	3070807
G3HKA5	1	1	2.328866	0.000946	2.297176	31C	37C	Sorting nex	SNX2	2092361	1891503	1613172	898211.2	737174.5	801099.5	1632152	1891503	560090.1	1027005	639661.1	930950.3
G3GY17	2	2	8.731422	0.000761	2.2979	31C	37C	Cullin-assc	CAND1	2989771	2296003	2612366	1165659	1226248	1045206	2332179	2296003	907008.6	1332802	1064040	1214624
G3HLZ2	5	5	20.96302	0.001933	2.30602	31C	37C	Proteasome activator c		26177937	20342273	25341760	9408089	9554355	12200330	20420174	20342273	8798611	10757104	8290506	14177889
G3HHY2	1	1	3.284944	0.001367	2.309714	31C	37C	Peroxisom	HSD17B4	759669	637994.6	729907.1	324517.7	253947.4	342675.4	592582	637994.6	253422.3	371049.9	220355.3	398219.8
G3H4V0	6	6	18.27833	0.001029	2.310873	31C	37C	Vigilin	HDLBP	18950364	14466015	17711251	7467790	6648356	8008663	14782285	14466015	6149313	8538588	5768912	9306792
G3I1D1	2	2	7.07975	0.003001	2.31547	31C	37C	Guanine nu	GNB4	7524413	6498967	7294389	3395225	3455164	2356283	5869440	6498967	2532598	3882063	2998115	2738214
G3IF39	1	1	2.800417	0.005348	2.316263	31C	37C	Carbonyl re	CBR1	13365688	10442935	16446581	6677987	5414952	5286435	10425943	10442935	5710222	7635537	4698662	6143317
G3HJD2	1	1	3.018974	0.017105	2.322036	31C	37C	RNA polym	PAF1	300714	409132.5	323506.2	212347.8	110746	121926.3	234572.8	409132.5	112320.8	242796.1	96096.51	141689.4
G3GZ54	4	4	12.65851	0.003649	2.324521	31C	37C	Transportir	TNPO3	2617138	2671112	2097242	1263218	1067269	846722.8	2041506	2671112	728158.4	1444349	926090.5	983968.7
G3HBJ9	2	2	6.203676	0.001092	2.325139	31C	37C	Methionine	METAP2	6093244	5793063	7292637	3081840	2763460	2403215	4753053	5793063	2531990	3523741	2397910	2792754
G3HCT4	7	7	24.24019	1.85E-05	2.330123	31C	37C	Putative AT	DDX5	68227366	71404407	76040547	29892450	31049305	31616575	53220950	71404407	26401133	34178695	26942106	36741326
G3H412	4	4	15.36389	0.022307	2.331913	31C	37C	Proliferatin	PCNA	1.35E+08	80159887	1.18E+08	41795771	35830620	64940225	1.05E+08	80159887	40837279	47788821	31090949	75466428
G3HQS9	1	1	4.411009	0.023046	2.335848	31C	37C	Antigen pe	TAP1	11060334	8759718	14414663	3220065	5475285	5960877	8627645	8759718	5004744	3681787	4751015	6927079
G3GYP9	1	1	3.783806	0.0325	2.337348	31C	37C	Peroxiredo	PRDX1	29132356	17251843	34446402	11238963	14709959	8633268	22724777	17251843	11959725	12850505	12764127	10032640
G3HSK8	1	1	2.859086	0.007774	2.339079	31C	37C	39S ribosoı	MRPL54	739871	462427.8	765227.5	259595.8	287767.5	293791.1	577138.4	462427.8	265685.5	296819	249701.6	341411.9
G3GYR9	2	2	6.029588	0.002896	2.346602	31C	37C	40S ribosoı	RPS8	5767208	4108315	5119964	2458737	1830273	2101288	4498727	4108315	1777642	2811293	1588165	2441887
G3I1R2	1	1	5.27013	0.002802	2.346815	31C	37C	Purine nucl	PNP	2984557	2623754	3876682	1218076	1488298	1335271	2328112	2623754	1345977	1392735	1291426	1551706
G3IB32	4	4	13.99847	0.004375	2.348294	31C	37C	Twinfilin-1	TWF1	13188299	12316016	15354703	6298730	6730324	4370391	10287570	12316016	5331124	7201898	5840038	5078790
G3IC91	9	9	28.2799	5.62E-05	2.353758	31C	37C	von Willebr	VWA5A	17192313	15012512	16872065	7102655	7092772	6655015	13410913	15012512	5857949	8121097	6154541	7733730
G3IEB3	1	1	2.592953	0.008544	2.365721	31C	37C	OCIA domain-containi		1581673	1681256	1746965	778363.3	862477.8	476861.1	1233788	1681256	606542.9	889972	748389.4	554155.9
G3HCZ6	1	1	2.221911	0.005847	2.375864	31C	37C	D8ERTD738E		555971.1	354166.4	447100.5	225557.2	164945	180758.6	433686.9	354166.4	155232.4	257899.6	143126.1	210057.9
G3HXV5	1	1	5.839499	0.001553	2.383925	31C	37C	Nucleolar p	NOLC1	10961665	9063913	8393784	4622190	3537763	3761293	8550678	9063913	2914306	5284961	3069788	4370964
G3IHC7	4	4	13.05256	0.000512	2.390194	31C	37C	PRMT1	PRMT1	28489533	34357949	32529496	13662578	14538431	11702440	22223341	34357949	11294179	15621640	12615288	13599297
G3H2C4	2	2	7.635779	0.009059	2.390814	31C	37C	Heat shock	HSPA4	8506777	6964839	7910863	3626983	3942370	2210780	6635736	6964839	2746636	4147052	3420874	2569127
G3H7R2	3	3	7.137442	0.001288	2.390878	31C	37C	Eukaryotic	EIF3A	1885862	1485379	1811079	835752.1	692073.9	639712.9	1471072	1485379	628803.3	955589.7	600526.4	743404.3
G3GVI3	1	1	1.957873	0.000264	2.401247	31C	37C	Serine hydroxymethyltr		1953350	1825596	2313683	847704.1	864616.7	824956.1	1523717	1825596	803306.3	969255.5	750245.2	958673.8
G3GVY7	3	3	7.182927	0.001537	2.41354	31C	37C	Nardilysin	NRDC	5649169	5202271	4684456	1782390	2537927	2116659	4406650	5202271	1626434	2037965	2202210	2459749
G3INN8	3	3	9.457086	0.005688	2.421045	31C	37C	Microtubul	MAP6	11512210	8385641	14056754	4721133	4212009	5091628	8980132	8385641	4880478	5398091	3654845	5916933
G3I2Q7	1	1	3.250824	0.045193	2.425531	31C	37C	Transcripti	TRIM28	2723207	2634709	2790708	1306918	1541118	511486	2124245	2634709	968928.5	1494315	1337259	594393.1
G3ILB7	1	1	5.481106	0.000894	2.429409	31C	37C	cAMP-regu	ARPP19	8774688	10456210	9073325	4544408	3686849	3419405	6844720	10456210	3150241	5196026	3199153	3973658
G3IC99	1	1	2.66563	0.00875	2.439943	31C	37C	Septin-11	SEPTIN11	1407969	884328.8	1591429	510446.4	549390	531891.8	1098290	884328.8	552541	583638.8	476716.8	618106.5
G3GZB1	3	3	8.224954	0.001915	2.441879	31C	37C	Eukaryotic	EIF3M	4323068	3414641	3611952	1529241	1829961	1288719	3372222	3414641	1254063	1748517	1587894	1497609
G3I0V9	3	3	12.50358	0.00375	2.44689	31C	37C	Liprin-beta	PPFIBP1	10390001	8725186	11683514	3389716	4026745	5170416	8104750	8725186	4056494	3875763	3494087	6008492
G3HJN1	1	1	3.160003	0.000448	2.448009	31C	37C	Calcium-bi	CALCOCO	4688464	4198118	4031519	1591563	1671222	2014197	3657250	4198118	1399736	1819776	1450153	2340680
G3H6A7	1	1	2.241095	0.036986	2.459456	31C	37C	Putative gl	SMARCA2	447110.8	415601	885193.6	267150.5	267697.2	175840.1	348770	415601	307337.5	305456.9	232286.2	204342.2
G3HGA0	1	1	2.956993	0.008606	2.469947	31C	37C	Ubiquilin-4		3499759	4387750	5734712	2305431	1617584	1592172	2729997	4387750	1991081	2636005	1403611	1850248
G3IGI9	3	3	8.780194	0.023035	2.473761	31C	37C	STE20-like	SLK	1773581	1443701	2142284	924835.2	812721.5	429008.8	1383487	1443701	743797	1057446	705214.8	498547.1
G3IDU3	1	1	6.227829	0.016136	2.476152	31C	37C	MICOS con	APOOL	1838956	1755566	1444670	912023.7	700456.4	422610.1	1434483	1755566	501586.6	1042798	607800.1	491111.2
G3I8Z5	1	1	2.290653	0.000998	2.47836	31C	37C	Sulfiredoxi	SRXN1	4627654	4282411	5062817	1882962	2181457	1573536	3609815	4282411	1757800	2152958	1892894	1828591
G3HGU3	3	3	7.185153	0.002849	2.481746	31C	37C	Disabled-li	DAB2	5176476	4849252	4935228	2587507	1824370	1616521	4037925	4849252	1713502	2958527	1583043	1878544

G3I310	5	5	15.81874	0.000736	2.4831	31C	37C	26S protea	PSMD2	7657732	7167145	9102690	3073089	3640662	2922417	5973435	7167145	3160437	3513736	3159076	3396113
G3GW85	1	1	2.329354	0.041456	2.489996	31C	37C	WD repeat·	WDR43	2010307	1068381	1070125	813115.7	376095.4	476981.4	1568146	1068381	371545.4	929707.5	326345.6	554295.7
G3HYW3	2	2	5.987783	0.000298	2.495463	31C	37C	Cullin-4B (I	CUL4B	5147692	4806546	5258729	2154274	2195011	1746965	4015472	4806546	1825821	2463173	1904655	2030131
G3H0N2	2	2	7.232022	0.008903	2.499521	31C	37C	Bcl-2-asso	BCLAF1	2129145	1379628	2413059	881189.4	670043.7	817954.2	1660846	1379628	837809.6	1007542	581410.4	950536.9
G3I1H4	1	1	2.77698	0.026154	2.501414	31C	37C	GOLGA5	GOLGA5	558742.5	586703.5	293353.9	238861.8	153603.6	182729.3	435848.7	586703.5	101851.9	273111.9	133284.9	212348
G3I4H5	1	1	2.566037	0.003431	2.50364	31C	37C	Serine/thre	PPP4C	3025753	3719625	3195086	1661843	1273529	1035032	2360247	3719625	1109328	1900133	1105067	1202801
G3H6Y0	1	1	2.254454	0.016494	2.503809	31C	37C	Proteasome inhibitor P		3807828	2779318	5322935	1247624	1931603	1577558	2970307	2779318	1848113	1426519	1676091	1833266
G3HQH1	1	1	8.126852	0.000631	2.507692	31C	37C	Cold shock	CSDE1	10886872	11204486	9201159	4333054	4554025	3591534	8492335	11204486	3194625	4954366	3951619	4173688
G3GTU0	3	3	9.703565	0.008477	2.51695	31C	37C	Zinc finger	ZNF830	2279119	2140475	1733147	1125458	670819.2	648245.6	1777833	2140475	601745.5	1286836	582083.3	753320.2
G3H9Z4	8	8	23.6578	0.000145	2.520576	31C	37C	Serine-thre	STRAP	21777233	18680085	22452038	8639672	8515503	7803148	16987393	18680085	7795305	9878505	7389073	9067965
G3HGW5	2	2	6.326913	0.001976	2.520912	31C	37C	ADRM1 26S	ADRM1	3286968	2783211	2876363	1076133	1475323	997475.1	2564008	2783211	998667.7	1230438	1280168	1159157
G3HAN5	2	2	4.434362	0.00103	2.523282	31C	37C	Eukaryotic	EIF2S2	15668282	11930920	15254330	6077420	5944442	4961391	12222088	11930920	5296274	6948854	5158112	5765587
G3HXY1	3	3	10.98864	0.003973	2.536981	31C	37C	PDZ and LI	PDLIM1	13025378	9084349	12463989	4223244	3875166	5529489	10160483	9084349	4327473	4828810	3362559	6425767
G3H949	1	1	3.137682	0.001702	2.540361	31C	37C	Alpha-taxil	TXLNA	2634750	2208353	3189718	1187920	964629.1	1009529	2055244	2208353	1107464	1358255	837028	1173164
G3H7Y1	3	3	9.331383	0.000225	2.541499	31C	37C	PEX19	PEX19	4209632	3441754	3966476	1612495	1559984	1398785	3283735	3441754	1377153	1843709	1353630	1625515
G3HBJ3	1	1	3.741821	0.015637	2.541583	31C	37C	Small nuclear ribonucl		8622221	5845095	11638920	2789050	3546923	3935672	6725788	5845095	4041011	3188969	3077736	4573608
G3HYJ9	4	4	14.78156	0.008387	2.543419	31C	37C	Moesin	MSN	23981865	22490729	38884173	9972818	10820683	12766356	18707122	22490729	13500511	11402809	9389324	14835663
G3I542	2	2	5.711088	0.000178	2.553267	31C	37C	ATPase fan	ATAD1	5584001	5023057	5168814	1891850	2319622	1967230	4355816	5023057	1794602	2163120	2012782	2286100
G3H6S8	1	1	3.784763	0.024365	2.557731	31C	37C	Inorganic p	PPA1	11705217	11173206	13641700	5179727	6522419	2576182	9130688	11173206	4736372	5922442	5659634	2993757
G3H3D9	1	1	3.903447	0.000731	2.558106	31C	37C	Uncharacte	C2CD5	225023.2	256399.5	199633.9	99658.02	78244.39	88332.35	175530	256399.5	69312.53	113947.9	67894.23	102650.2
G3GUM5	3	3	13.79121	0.002845	2.558137	31C	37C	Condensin	NCAPD2	1759492	1480252	2100769	706825.7	810702.5	570128.6	1372496	1480252	729382.9	808176.6	703462.9	662541.1
G3HZ33	1	1	3.022021	0.008718	2.565116	31C	37C	Serine/thre	PPP4R1	401060.6	623424.2	641472.4	254167.4	226743.2	168556	312848.4	623424.2	222718	290612.2	196749.6	195877.3
G3H256	5	5	16.15102	0.001587	2.57887	31C	37C	26S protea	PSMD9	8328044	7902994	10044689	3877187	3548304	2763361	6496315	7902994	3487497	4433133	3078935	3211276
G3I366	2	2	7.564954	0.008437	2.58141	31C	37C	Prolyl endo	PREP	10080899	10089167	14832733	4068239	5905721	3585605	7863634	10089167	5149897	4651579	5124513	4166798
G3I4K9	2	2	6.09409	0.009315	2.602456	31C	37C	RBM4		5824678	3142532	4154885	1573416	1490368	1978413	4543556	3142532	1442568	1799026	1293223	2299095
G3HQT1	1	1	2.870745	0.045742	2.606032	31C	37C	Antigen pe	TAP2	912267.2	554834.4	679908.8	140297.9	449385.1	234178.7	711616.6	554834.4	236063	160415	389940.5	272136.9
G3HSF8	4	4	14.08637	0.005398	2.609371	31C	37C	Cordon-ble	COBLL1	3658817	3464279	4578536	1912598	1458965	1112902	2854071	3464279	1589659	2186843	1265973	1293293
G3HUK9	1	1	2.733242	0.045212	2.6196	31C	37C	Peptidyl-prolyl cis-tran		941365.1	696953.7	1021766	332167.7	525872	157415	734314.5	696953.7	354755.4	379796.9	456309.7	182930.5
G3HJT1	1	1	2.524355	0.001259	2.626946	31C	37C	Coiled-coil	domain-co	1211009	1002022	1399793	411419.8	519339.1	444535.3	944650.8	1002022	486005.4	470412.8	450641	516590.3
G3HTG6	1	1	3.932426	0.042061	2.631141	31C	37C	Componen	GEMIN4	195237	101010.8	238716.1	59717.06	93474.01	50129.04	152295.2	101010.8	82881.76	68279.83	81109.28	58254.49
G3HA25	1	1	3.725198	0.009665	2.634527	31C	37C	14-3-3 prot	YWHAG	2752749	2442355	4150708	1205215	1426565	915653.8	2147290	2442355	1441118	1378030	1237859	1064073
G3IG95	1	1	2.635145	0.00764	2.639366	31C	37C	Deoxynucl	DNTTIP2	411290.7	236920.4	338380.5	148479.4	121865.1	103454.2	320828.4	236920.4	117485.1	169769.7	105744.8	120223.2
G3H7Z2	5	5	16.756	0.001092	2.642162	31C	37C	Transgelin	TAGLN2	46235925	37397468	48585478	18878235	16965120	14198573	36066464	37397468	16868785	21585165	14720975	16500028
G3GVQ7	3	3	9.079673	0.001412	2.649496	31C	37C	Phytanoyl-(	PHYH	4041062	4340318	4399909	1254367	1902055	1667623	3152242	4340318	1527640	1434230	1650451	1937930
G3HTF2	1	1	3.145832	0.008657	2.665106	31C	37C	PH-interac	PHIP	151585.2	137360	164292.5	67034.49	66875.72	36153.45	118244.4	137360	57042.06	76646.49	58029.41	42013.58
G3H8A6	1	1	2.848711	8.58E-05	2.668746	31C	37C	Protein VPI	DCAF1	619198.2	634286.4	654685.1	266155.1	230062	218789.2	483007.3	634286.4	227305.4	304318.8	199629.4	254252.8
G3GUQ4	2	2	5.711748	0.00642	2.670722	31C	37C	GRCC10		1302402	1058040	1224129	571605.6	464391.3	306176.1	1015942	1058040	425015.2	653567.5	402961.7	355804.4
G3H5I9	1	1	2.985054	0.006986	2.672991	31C	37C	Pleiotropic	PLRG1	225932.7	239782.5	263232.3	113069.6	99749.1	59889.83	176239.4	239782.5	91393.75	129282.5	86554.3	69597.42
G3H3E4	3	3	7.631542	7.96E-05	2.68384	31C	37C	Galectin-3-binding pro		7207120	7253686	8037458	2533204	2885563	2964096	5621934	7253686	2790590	2896438	2503861	3444548
G3IKX0	1	1	2.464629	0.048782	2.684863	31C	37C	WD repeat·	WDR81	3392749	1740682	1416753	507133.7	887731.1	1044806	2646523	1740682	491893.8	579851	770302.1	1214160
G3H0R3	1	1	2.750847	0.007734	2.695099	31C	37C	Protein fto	FTO	2299901	1976082	2173452	1013418	862355.6	517249.3	1794044	1976082	754618.4	1158731	748283.3	601090.6
G3HXA2	1	1	2.561049	0.024517	2.707759	31C	37C	Basic leuci	BZW2	521048.3	255536	377230.3	102334	126667.8	197112.4	406445.2	255536	130973.6	117007.5	109912.2	229062.5
G3GRK8	3	3	17.34388	0.00051	2.712562	31C	37C	E3 ubiquiti	NEDD4	22451817	18102739	21833803	8760075	7258376	6981336	17513603	18102739	7580655	10016173	6298239	8112946
G3H4J1	1	1	2.517264	0.017053	2.722699	31C	37C	E3 ubiquiti	HECTD1	195715.4	339480.4	413275.2	139682.6	108938.9	99735.29	152668.3	339480.4	143488.4	159711.5	94528.51	115901.4
G3I306	8	8	30.01577	0.000518	2.723462	31C	37C	Eukaryotic	EIF4G1	24701608	21538582	24878604	10255794	7753563	8104016	19268559	21538582	8637804	11726361	6727923	9417602
G3HAN8	2	2	9.71485	0.014475	2.774221	31C	37C	Adenosylh	AHCY	6432101	3166145	5865794	1624600	1790475	2159117	5017379	3166145	2036592	1857550	1553631	2509090
G3HQL6	1	1	5.006233	0.018222	2.77705	31C	37C	Thioredoxir	TXNRD1	5460930	4255703	8575970	1949092	1713460	2924509	4259814	4255703	2977560	2228571	1486804	3398545
G3H2N6	3	3	7.325315	0.029496	2.782191	31C	37C	Programme	PDCD6IP	1315693	1185149	1784725	487704.4	782555.8	270096.6	1026310	1185149	619653.3	557635.8	679039.4	313876.8
G3HL16	2	2	6.490794	0.00137	2.783877	31C	37C	Splicing fac	SF3B1	618963.7	428503.5	532936.9	216161.5	181085	170452.4	482824.4	428503.5	185034.7	247156.6	157131.1	198081.2
G3H375	2	2	6.162144	0.001459	2.79423	31C	37C	Eukaryotic	EIF5	11247437	12312641	13852600	4652017	5230069	3507176	8773595	12312641	4809596	5319065	4538236	4075656
G3IN81	3	3	9.18641	0.023448	2.802505	31C	37C	Uncharacte	SFR1	4386648	3514831	3100013	1730865	1511419	1693307.8	3421817	3514831	1076318	1979052	1311488	794065.6
G3GRD4	1	1	2.668805	0.002388	2.836297	31C	37C	MOSC dom	37316	4616403	3505695	2948002	1285297	1478223	1139491	3601038	3505695	1023541	1469594	1282684	1324192
G3II26	1	1	2.762625	0.029928	2.872817	31C	37C	Syntaxin-5	STX5	2526688	3031844	1500434	1264353	597462	595342.8	1970950	3031844	520947.8	1445647	518429.8	691842.3
D0UZH8	1	1	2.840454	0.00362	2.875063	31C	37C	Adenylosu	ADSL	2286921	2387995	2143105	1075341	695443.8	600649.3	1783919	2387995	744082	1229532	603450.5	698008.9

G3HW57	4	4	9.398015	6.74E-05	2.890524	31C	37C	Cell divisio	CDK4	1783725	1937224	2151338	645610.1	671697.4	714257.4	1391400	1937224	746940.3	738183.4	582845.3	830031.8
G3H3P5	1	1	2.269679	0.000135	2.893771	31C	37C	Kinesin-like	KIF5B	6465096	5376609	5608208	2202516	1951525	1876123	5043116	5376609	1947159	2518332	1693378	2180225
G3I4H6	9	9	34.5689	0.000214	2.904008	31C	37C	Fructose-b	ALDOA	2.55E+08	2.5E+08	3.12E+08	99077842	96333544	86191731	1.99E+08	2.5E+08	1.08E+08	1.13E+08	83590552	1E+08
G3HSA7	1	1	3.215493	0.046902	2.916085	31C	37C	Thioredoxir	TXNDC17	2805946	1989583	3872128	920902.5	1591015	460443	2188786	1989583	1344395	1052950	1380556	535076.6
G3HLZ7	2	2	5.255957	0.006044	2.925942	31C	37C	alanyl-tRN/	AARSD1	3204616	1780076	2222082	831702.1	954529.4	676829.5	2499770	1780076	771502.7	950959	828264.4	786537.2
G3IJF2	1	1	3.145571	0.008841	2.936837	31C	37C	Nuclear fra	NUFIP2	6146928	4763845	3910993	2319093	1508215	1219538	4794929	4763845	1357889	2651625	1308709	1417214
G3HHW5	1	1	2.826484	0.044621	2.939213	31C	37C	Spermine synthase		4265533	3720540	3636448	1589082	1873362	491853.3	3327341	3720540	1262568	1816939	1625554	571578.1
G3HA24	2	2	15.0753	7.78E-05	2.98753	31C	37C	Heat shock	HSPB1	2.97E+08	2.55E+08	2.91E+08	1.02E+08	91588365	88224648	2.32E+08	2.55E+08	1.01E+08	1.17E+08	79473065	1.03E+08
G3H170	7	7	28.50647	0.002467	3.006179	31C	37C	Drebrin	DBN1	58065248	45427260	36707096	18494956	13904963	14237219	45293961	45427260	12744634	21146928	12065616	16544939
G3GYY2	4	4	10.76756	0.001094	3.010603	31C	37C	Caprin-1	CAPRIN1	49308082	39209768	52313083	18750373	14233691	13794253	38462909	39209768	18163003	21438968	12350860	16030173
G3I873	1	1	2.615049	0.026911	3.016311	31C	37C	Ubiquitin th	OTUB1	5975574	3156786	5432329	905681	1708175	2214786	4661263	3156786	1886094	1035546	1482218	2573782
G3HZK4	1	1	3.735018	0.025888	3.018087	31C	37C	Tumor nec	TRADD	318242.1	175547.8	134243.3	47904.22	83898.55	76287.01	248245.7	175547.8	46609	54773.15	72800.46	88652.42
G3H9C9	1	1	2.937395	0.007851	3.019965	31C	37C	Transcripti	ELOC	126973.3	91196.58	191169.2	46714.16	44028.41	44801.75	99045.89	91196.58	66373.6	53412.45	38204.33	52063.7
G3I434	1	1	3.095493	0.00182	3.029303	31C	37C	Uncharact	SSU72	1856735	1527132	2009804	466183.6	587465.8	726849.8	1448352	1527132	697800.2	533029.1	509755.9	844665.3
G3I5Q4	1	1	3.553283	0.016571	3.034761	31C	37C	Heterogen	HNRNPM	6138562	3691168	7516539	2225245	1294994	2195621	4788403	3691168	2609728	2544321	1123693	2551510
G3IJK6	1	1	3.368977	0.011482	3.053671	31C	37C	Adaptin ea	NECAP2	5571379	4594129	8287580	1479280	2762499	1801139	4345970	4594129	2877432	1691392	2397076	2093087
G3HIN8	3	3	8.878806	0.006026	3.056149	31C	37C	Leucine zip	LUZP1	1103893	945509.3	920220.7	469341.1	263962.9	238384	861095	945509.3	319498.9	536639.4	229045.9	277023.8
G3H5P2	1	1	3.196594	0.007729	3.056612	31C	37C	Four and a	FHL2	4961251	3871231	4555761	1678605	1804459	897029.2	3870038	3871231	1581752	1919298	1565765	1042429
G3HYU7	1	1	3.130438	0.005295	3.0601	31C	37C	Exportin-5	XPO5	4949931	2950154	5275159	1375240	1645361	1284893	3861208	2950154	1831525	1572434	1427713	1493162
G3GRB1	2	2	14.08741	0.000478	3.070528	31C	37C	Calpain-2 c	CAPN2	6020509	4362642	5030055	1783912	1731571	1504241	4696315	4362642	1746426	2039705	1502519	1748065
G3HN81	1	1	1.944921	0.005789	3.080285	31C	37C	Peptidyl-prolyl cis-tran		2999394	2429566	2228761	808884.6	564585.1	1112573	2339686	2429566	773821.4	924869.6	489901.8	1292911
G3IH35	1	1	2.984181	0.049752	3.088323	31C	37C	Plasminog	SERBP1	641631.7	329069.9	515207.4	81901.34	95256.2	303980.3	500506.6	329069.9	178879	93645.09	82655.72	353252.7
G3H2I6	5	5	12.84219	3.28E-05	3.090583	31C	37C	Neural cell	NCAM1	5542734	5522035	6236102	1975988	1884196	1737746	4323625	5522035	2165163	2259323	1634955	2019419
G3I255	16	16	54.09639	0.000131	3.100692	31C	37C	L-lactate d	LDHA	5.69E+08	5.63E+08	5.18E+08	2.04E+08	1.64E+08	1.64E+08	4.44E+08	5.63E+08	1.8E+08	2.33E+08	1.43E+08	1.91E+08
G3II69	2	2	12.7908	0.003948	3.142038	31C	37C	DNA dama	DDB1	12837622	9541735	16895708	4428050	4622269	3449549	10014023	9541735	5866158	5062984	4010835	4008688
G3I7T3	1	1	2.245821	0.005123	3.14385	31C	37C	Pre-mRNA	FIP1L1	627685.1	858495.9	1235589	306375.4	268621.9	290747.1	489627.5	858495.9	428994.2	350306.2	233088.6	337874.5
G3H7T9	5	5	13.24813	0.004368	3.144925	31C	37C	E3 ubiquiti	HUWE1	2433064	2791825	3143826	995497.6	1074590	590934.5	1897919	2791825	1091531	1138241	932443.4	686719.5
G3GSK4	4	4	11.7694	0.002973	3.146839	31C	37C	Non-specific serine/thr		9787831	7578061	13508611	2980941	3489757	3340577	7635026	7578061	4690164	3408375	3028133	3882054
G3IGW0	4	4	18.83143	0.000232	3.152581	31C	37C	CTLA2B	CTLA2B	1.1E+08	96205230	1.2E+08	39119879	32208158	32286885	85903293	96205230	41776352	44729235	27947666	37520287
G3HWC3	14	14	63.6052	0.00125	3.169382	31C	37C	Ezrin	EZR	91752646	67866253	96533252	25671199	23455033	31694617	71571912	67866253	33516161	29352164	20352403	36832018
G3H5W5	5	5	20.02167	0.002413	3.179603	31C	37C	LIM and SH	LASP1	31113000	21608949	34924327	10732789	8067076	8765296	24269784	21608949	12125660	12271751	6999964	10186068
G3ILF1	1	1	2.775955	0.043505	3.180146	31C	37C	Glutathion	GSTM5	6045880	2088082	4540606	1206085	907507.3	1871939	4716106	2088082	1576490	1379024	787462.3	2175362
G3GXD5	1	1	3.358568	0.036501	3.210184	31C	37C	COP9 signa	GPS1	420582.5	1043687	1094586	250850.3	356154.4	190100.8	328076.6	1043687	380038.2	286819.5	309042.3	220914.4
G3H951	1	1	2.985736	0.045407	3.217112	31C	37C	Importin su	KPNA6	752195.2	482406.7	1610452	240867.9	342300.3	301181.9	586752	482406.7	559145.9	275405.7	297020.9	350000.7
G3GS17	1	1	3.799989	0.004426	3.245045	31C	37C	Transporte	SLC6A6	667821.5	890169.2	1138440	290812.6	328375.9	211749.1	520936.1	890169.2	395264.1	332511.9	284938.4	246071.7
G3ICB5	1	1	3.538133	0.000369	3.266415	31C	37C	Rap1 GTPa	RAP1GDS1	2214649	2475594	1911504	595569	654689.4	770840.1	1727543	2475594	663670.5	680966.9	568087.1	895786.1
G3HTF8	2	2	7.838328	0.001373	3.296943	31C	37C	Proto-onco	CRK	4436050	3377169	3046704	1124820	1267828	901288.9	3460353	3377169	1057810	1286107	1100120	1047379
G3GW88	2	2	6.735482	0.002918	3.301248	31C	37C	Serine/thre	PPP1CA	5286483	3579373	4184328	1645966	1316323	990816.6	4123736	3579373	1452791	1881979	1142200	1151419
G3HUU7	1	1	6.186685	0.017596	3.316858	31C	37C	S100-A101	S100-A10	6072419	3492774	9320674	1804224	1797436	2092242	4736808	3492774	3236120	2062930	1559671	2431375
G3HVC7	1	1	4.806958	0.002635	3.336599	31C	37C	Diphthamic	dph1	16410302	15774975	15644357	6245037	4792151	3297657	12800903	15774975	5431691	7140505	4158245	3832177
G3HRK8	1	1	2.165302	0.008909	3.361004	31C	37C	Partner of \	PYM1	5303038	3786510	5760710	2192560	1183254	1042585	4136650	3786510	2000107	2506949	1026733	1211579
G3I683	1	1	6.044178	0.030869	3.373074	31C	37C	Plasminog	SERBP1	5044222	3651423	7936048	1265179	2724005	941538.3	3934759	3651423	2755381	1446591	2363674	1094153
G3HD13	1	1	2.578892	0.014798	3.389908	31C	37C	ASF1B	ASF1B	2349674	2341032	4875835	781196.4	1246408	794460.7	1832870	2341032	1692881	893211.3	1081533	923235.3
G3HSA2	1	1	2.906627	0.003112	3.411393	31C	37C	Myb-bindin	MYBBP1A	9528169	7532321	7272143	3220616	1763608	2148533	7432475	7532321	2524874	3682416	1530318	2496790
G3IGI6	2	2	6.340018	0.000312	3.421636	31C	37C	Cytosolic p	NT5C2	6450008	8011039	6904423	2445931	1917850	1880447	5031347	8011039	2397203	2796650	1664157	2185249
G3HP82	1	1	2.909086	0.003366	3.438967	31C	37C	Myomegalin		1708561	2027276	1440362	673122.1	368319.1	463719.5	1332768	2027276	500090.9	769640.4	319597.9	538884
G3HUX4	4	4	9.972982	0.000796	3.451477	31C	37C	Ubiquitin c	USP14	7781625	6628001	8356488	1775841	2147234	2672974	6070079	6628001	2901357	2030477	1863198	3106238
G3HAU1	1	1	3.661743	0.038808	3.471529	31C	37C	Eukaryotic	EIF3E	1037658	743844.5	2256065	499712.7	411474.5	251864.7	809428.3	743844.5	783301.6	571366	357044.7	292689.7
G3GS47	1	1	2.387791	0.005323	3.478466	31C	37C	Glycosyltra	PPP4R2	1159994	1182145	689000.9	286545	361322.3	223534	904856.7	1182145	239219.8	327632.4	313526.6	259766.8
G3GYJ1	1	1	2.92334	0.036334	3.496919	31C	37C	Rho GTPas	ARHGAP1	8019645	4094863	6884010	2205314	2478390	749226.7	6255747	4094863	2390115	2521531	2150549	870669.3
G3II52	1	1	1.920238	0.002456	3.500288	31C	37C	Oxysterol-b	OSBP	1846405	1447008	1494733	331619.2	600783.2	435527	1440293	1447008	518968.6	379169.7	521311.7	506121.8
G3HL97	1	1	6.266216	0.001736	3.532875	31C	37C	RAP2B		3140370	2757400	2561143	575580	1001450	817312.3	2449654	2757400	889224.1	658111.8	868978.5	949791
B2Z3Z4	1	1	2.682697	0.004233	3.542406	31C	37C	Bcl-xL	BCL2L1	1356421	868058.3	905488.1	211809.7	370876.5	300884.9	1058080	868058.3	314383.7	242180.9	321817	349655.6
G3H9G4	1	1	3.016158	0.019439	3.542783	31C	37C	ATP-bindin	ABCE1	3386834	2311850	4534872	978651.9	1385796	524116.4	2641910	2311850	1574499	1118980	1202483	609070.7

G3H125	1	1	4.037714	0.049982	3.563336	31C	37C	Neutral am	SLC1A4	310776.8	189865.5	684196.7	76756.46	149672.9	106079	242422.4	189865.5	237551.8	87762.48	129874.2	123273.4
G3HC67	1	1	2.292639	0.028571	3.563418	31C	37C	Cyclin-dependent kina		1483466	666266.6	1590934	248044.2	256558.4	545138.8	1157182	666266.6	552369.4	283611	222620.8	633500.7
G3GRX4	1	1	2.516616	0.01068	3.575	31C	37C	Coactosin-like protein		9271712	4428769	5454233	1386461	2415914	1555586	7232425	4428769	1893699	1585264	2096338	1807732
G3GUB4	3	3	7.359458	0.000474	3.630665	31C	37C	Histone ac	HAT1	7506381	7012454	7905885	2467503	2075979	1632994	5855373	7012454	2744908	2821316	1801369	1897688
G3H846	1	1	2.852978	0.048823	3.636623	31C	37C	LACC1		517951	460239.6	183654.9	132151.3	50973.51	136359.9	404029.2	460239.6	63764.62	151100.3	44230.74	158462.6
G3HBY2	5	5	14.70246	0.000577	3.639658	31C	37C	HN1L		13803703	10753039	9888035	3673757	3000821	2789163	10767617	10753039	3433107	4200532	2603872	3241260
G3HG36	3	3	8.76051	0.001169	3.655412	31C	37C	Glutamine	GLUL	4270062	3761160	4458032	1284761	1307133	824753.8	3330874	3761160	1547820	1468981	1134226	958438.7
G3IH46	2	2	10.51409	0.015737	3.673093	31C	37C	Prothymos	PTMA	21667688	9160317	11604910	5154667	3636601	2761099	16901942	9160317	4029203	5893790	3155552	3208647
G3H2J8	3	3	11.18277	0.064769	3.696893	31C	37C	Heterogen	HNRNPA2E	3079976	1180296	5226690	804221.1	1091022	670955.9	2402544	1180296	1814697	919537.5	946701.7	779711.6
G3IJG2	1	1	2.725042	0.000175	3.700498	31C	37C	Fatty acyl-(	FAR1	3597743	3934388	3881230	854611.1	1053839	1175827	2806430	3934388	1347556	977152.8	914437.2	1366418
G3IAI6	3	3	10.91746	0.00148	3.80709	31C	37C	Heme oxyg	HMOX1	7689251	5137735	7839981	1488466	1828617	2111465	5998022	5137735	2722027	1701895	1586728	2453714
G3I5F0	3	3	10.65905	0.002791	3.835453	31C	37C	COP9 signalosome cor		1326984	939776.4	1295733	308476.9	401337.8	219017.7	1035117	939776.4	449875.9	352709.1	348248.9	254518.4
G3HKG8	2	2	5.276693	0.037748	3.864412	31C	37C	40S ribosor	RPS3A	44677321	13100941	14991569	6110963	6614799	6105001	34850671	13100941	5205044	6987207	5739794	7094564
G3HQV4	4	4	15.90771	0.000688	3.893367	31C	37C	3-ketoacyl-	ACAA1B	5990322	4177187	4971938	1170346	1156393	1561784	4672767	4177187	1726247	1338160	1003425	1814935
G3IMD8	1	1	3.066657	0.006016	4.026352	31C	37C	BET1-like protein		1629508	849747.2	1936541	364749.9	358235.3	373738.5	1271102	849747.2	672363.2	417051	310848	434318
G3IKF0	1	1	3.298588	0.001123	4.030275	31C	37C	Peroxisomal N(1)-acet		4616900	4392819	5334883	854926.8	1463734	1240551	3601426	4392819	1852261	977513.9	1270111	1441632
G3GYZ1	3	3	8.844525	0.00981	4.066541	31C	37C	CD44 antig	CD44	37738268	21025871	38132302	6036244	5775748	12015740	29437843	21025871	13239463	6901774	5011733	13963379
G3HX69	8	8	31.51229	0.001563	4.13248	31C	37C	LIM domair	LIMA1	17459483	11524971	11429588	3943319	2599448	3236843	13619320	11524971	3968331	4508747	2255594	3761505
G3GY95	1	1	2.892163	0.042734	4.214922	31C	37C	Eukaryotic	EIF5A	1664721	1140692	4631791	480725.9	697072.4	586695.6	1298570	1140692	1608149	549656.6	604863.7	681793.4
G3H750	7	7	34.67823	0.000734	4.218687	31C	37C	Calpastatir	CAST	7135443	6370682	8403866	2215802	1519838	1457918	5566022	6370682	2917806	2533523	1318794	1694232
G3HC77	1	1	7.466142	8.4E-05	4.221784	31C	37C	Cell divisio	CDC5L	4535739	4295041	4083958	1194698	912021.7	952351.8	3538116	4295041	1417943	1366005	791379.6	1106719
G3I072	1	1	7.138975	0.035233	4.234062	31C	37C	Elongation	EEF1G	40914613	24532932	67172439	13384289	13538910	4398966	31915560	24532932	23322143	15303448	11747985	5111997
G3HGA3	1	1	6.076882	0.032455	4.268338	31C	37C	Rho guanin	ARHGEF2	517237.4	309706.3	1057321	160826.3	192899.4	87725.91	403472.5	309706.3	367099.7	183887	167382.7	101945.5
G3I5S9	1	1	3.900972	0.017975	4.283635	31C	37C	Pleckstrin-l	PHLDB1	2047560	1467260	1915724	795889.9	247588.9	224263.2	1597205	1467260	665135.7	910011.7	214837.8	260614.1
G3H2S5	1	1	2.58535	0.038549	4.311583	31C	37C	RNA-bindir	RBM8A	1497443	1351143	3902303	282900.9	894439	388416.9	1168085	1351143	1354872	323465.7	776122.7	451375.6
G3HC31	1	1	8.699355	0.035149	4.334142	31C	37C	Protein S10	S100A6	24363520	9378143	37332279	6781965	5106896	4509756	19004833	9378143	12961696	7754424	4431356	5240745
G3HX40	1	1	3.054081	0.031561	4.383682	31C	37C	Transmeml	TMED2	1144933	510358.2	2053456	242653.4	313904.8	289476.6	893108.4	510358.2	712956.2	277447.2	272381.5	336398
G3H292	1	1	2.752731	0.010833	4.385766	31C	37C	Ataxin-2 (Fi	ATXN2	585194.1	558203.4	545072.8	195141.3	58728.28	131119.1	456482.3	558203.4	189248.3	223122.4	50959.71	152372.3
G3IAG0	1	1	2.957651	0.029316	4.413567	31C	37C	Xaa-Pro ar	XPNPEP1	596629.8	320189.8	1259983	183373.2	165281.5	144552.4	465402.8	320189.8	437463.6	209666.9	143418	167983
G3HCK9	1	1	3.147045	0.034973	4.422688	31C	37C	Far upstrea	KHSRP	4577306	2694749	3813789	272586.4	526106.1	1707893	3570540	2694749	1324140	311672.2	456512.9	1984726
G3H7F8	1	1	3.848352	0.038605	4.453873	31C	37C	Acidic leuc	ANP32B	4584804	1739436	7674854	1018014	989541.7	1135573	3576389	1739436	2664695	1163986	858645.2	1319638
G3HUW4	1	1	3.093526	0.030331	4.463733	31C	37C	Coiled-coil	GPATCH11	1707015	1435498	1190822	653906.6	208977.2	107903.4	1331562	1435498	413451.1	747669.6	181333.7	125393.6
G3HWE6	1	1	3.283834	0.013243	4.514181	31C	37C	Ubiquitin c	USP47	4603957	3376652	5462995	1387857	1141621	448604.4	3591330	3376652	1896741	1586860	990607.6	521319
G3IFV9	2	2	5.821544	0.000807	4.577227	31C	37C	Methyltran	NTMT1	2912052	1879797	1830807	420224.9	522894.4	503751.5	2271554	1879797	635652.8	480480.5	453726	585404.9
G3I5V9	1	1	2.83698	0.001948	4.58099	31C	37C	Peroxisom	PEX14	285318.7	247473.1	431840.1	88015.42	57805.7	64751.68	222563.7	247473.1	149934.1	100635.9	50159.17	75247.32
Q9EPP7	1	1	5.339679	0.020727	4.611395	31C	37C	CTSZ	CTSZ	15506962	7613904	19055503	1859903	2139986	5146231	12096250	7613904	6616034	2126593	1856909	5980387
G3H3Z5	1	1	2.645328	0.045034	4.642745	31C	37C	60S ribosor	RPL37A-PS	3352006	1720972	4752495	366315.8	1485906	264085	2614742	1720972	1650057	418841.4	1289351	306890.7
G3IHA7	1	1	2.682337	0.002425	4.748418	31C	37C	Putative GT	RABL6	1676381	1869701	1668164	414610.2	463867.2	219624.5	1307666	1869701	579183.5	474060.7	402506.9	255223.6
G3IM40	1	1	2.778201	0.003666	4.765925	31C	37C	26S protea	PSMD1	1959985	1079294	1984443	318761.5	461859.2	273471	1528892	1079294	688994.9	364468.4	400764.5	317798.1
G3HC95	1	1	5.362027	0.004004	4.77696	31C	37C	tRNA (Cyto	NSUN2	2166528	1184564	2378035	338771.3	343385.5	517168.1	1690006	1184564	825649.3	387347.3	297962.5	600996.2
G3H4F5	1	1	3.846209	0.000359	4.812908	31C	37C	Myosin-IXb	MYO9B	1154946	1230319	1245396	314799.3	245530.9	194028.9	900918.6	1230319	432399.3	359938.1	213052.1	225479.2
G3GUP7	1	1	4.577968	0.043546	4.822529	31C	37C	Ubiquitin c	USP5	2202930	825254.4	3632160	527433	588602.7	265053.7	1718402	825254.4	1261079	603061.1	510742.4	308016.5
G3HNF0	2	2	6.723249	0.001682	4.829656	31C	37C	RNA-bindir	RBM25	1243448	964831.7	1384570	306627.9	269563	167723.3	969954.8	964831.7	480720.2	350595	233905.3	194909.7
G3HDJ0	1	1	2.234893	0.005078	4.885422	31C	37C	Rho-relate	RHOB	10222036	8436515	10170082	1530536	3175356	1195058	7973729	8436515	3531033	1749998	2755320	1388765
G3HBZ8	1	1	5.179256	0.000575	4.888533	31C	37C	Ubiquitin-a	UBAP2L	6328393	4969548	5920877	1512156	1082831	927301.2	4936481	4969548	2055717	1728982	939593.9	1077608
G3I9T8	1	1	3.509845	0.035052	5.023297	31C	37C	E3 ubiquiti	RNF40	180135.6	299272.6	799261	88169.35	102291.9	64086.6	140515.3	299272.6	277501.9	100811.9	88760.7	74474.44
G3I3B7	3	3	7.648022	0.000169	5.064815	31C	37C	Ribonuclec	RRM1	3099744	2859121	2949211	493122.1	537898.1	727795.8	2417964	2859121	1023960	563830.3	466745	845764.7
G3GU41	1	1	2.843745	0.00624	5.142036	31C	37C	Putative RI	RBM19	3248177	3689222	2644077	998575.6	525485.2	339301.4	2533749	3689222	918018.3	1141760	455974.1	394299
G3I9B1	1	1	3.810071	0.033089	5.183113	31C	37C	MCFD2		2337219	773565.1	2921704	588087.4	347239.5	228546.8	1823154	773565.1	1014410	672412.6	301306.7	265592.1
G3H5G6	2	2	6.52672	0.001954	5.250031	31C	37C	Thioredoxir	TXNL1	4813028	2990325	2396178	744177.3	544486.9	654092.2	3754416	2990325	831948.5	850884.1	472462.2	760114.4
G3IBY2	1	1	2.0801	0.033833	5.303171	31C	37C	Syntaxin-7	STX7	867815.4	448919.8	659949.2	261730.5	77012.97	33992.87	676941.9	448919.8	229133.1	299259.7	66825.7	39502.8
G3HI06	1	1	3.331991	0.006512	5.334541	31C	37C	Peptidylpro	FKBP15	3947539	3864056	2625037	1079395	492692.6	384338.1	3079289	3864056	911407.9	1234168	427519.3	446635.7
G3I2P4	1	1	2.613766	0.02979	5.452728	31C	37C	Protein SG	ECD	433810	459318.4	506378.7	43048.45	191178.1	22435.28	338394.7	459318.4	175813.7	49221.11	165889.1	26071.83
G3HXP6	1	1	2.679179	4.94E-06	5.485406	31C	37C	3-hydroxy-3	HMGCR	1812090	1710680	1724168	346708.2	293550.2	316268.6	1413526	1710680	598627.9	396422.3	254719.4	367532.7

G3HTM8	1	1	3.550038	0.037719	5.52483	31C	37C	Transmeml	TMED7	425911.6	244299.7	1236242	140273.5	99840.07	104956.4	332233.5	244299.7	429220.8	160387.2	86633.23	121968.9
G3HCF9	1	1	3.138993	0.007389	5.52676	31C	37C	Chromatin assembly fa		3300518	2925346	2899684	915629.7	475580.2	259947	2574578	2925346	1006765	1046921	412670.5	302081.9
G3IMP5	5	5	20.41305	0.015261	5.541354	31C	37C	Protein NDRG1		30705808	13986553	26652859	2564236	2522258	7788558	23952153	13986553	9253822	2931919	2188614	9051011
G3GSQ5	2	2	5.197289	0.000121	5.707197	31C	37C	Poly [ADP-r	PARP14	1259216	1185496	1094012	209514.3	244029.9	166501.7	982254.6	1185496	379839	239556.4	211749.6	193490
G3GR90	6	6	18.09816	0.001555	5.766766	31C	37C	Isopenteny	IDI1	49979086	35799023	46353374	5908874	5904158	11099546	38986328	35799023	16093803	6756142	5123157	12898679
G3HM98	3	3	7.945941	0.004964	6.084345	31C	37C	Drebrin-like	DBNL	2394621	2252969	1923979	623279.2	215974.4	240824.7	1867931	2252969	668001.7	712650.5	187405.3	279860.1
G3IEA9	1	1	3.369075	0.000141	6.322313	31C	37C	Far upstrea	FUBP3	3639154	2475296	3033545	480056	429341.9	537540.2	2838733	2475296	1053241	548890.7	372548.6	624670.4
G3HN88	3	3	7.754338	0.003926	6.324077	31C	37C	Adenylyl cy	CAP1	2972293	1323210	3369732	371530.5	420813.1	419728.2	2318546	1323210	1169965	424803.8	365148	487762.2
G3GRY7	1	1	3.246745	0.002474	6.335171	31C	37C	HSBP1		435524.7	371267.5	582700.3	50406.49	111549.5	57373.93	339732.3	371267.5	202312.4	57634.23	96793.73	66673.71
G3HXT1	1	1	3.062735	0.046303	6.510743	31C	37C	ADP-ribosy	ARFGAP3	1284897	1230453	801667	367296.3	21352.34	120819.6	1002288	1230453	278337.3	419962.5	18527.85	140403.4
G3H8K3	1	1	4.31881	0.025887	6.514294	31C	37C	RNA-bindir	RBMS1	1377485	472157.7	912746	54020.36	81559.84	288470.1	1074511	472157.7	316903.7	61766.28	70771.11	335228.4
G3IIK9	2	2	17.76839	0.001978	6.577449	31C	37C	Cornifin-A	SPRR1A	1.51E+08	1.92E+08	1.25E+08	33298674	23118353	14685257	1.18E+08	1.92E+08	43330318	38073335	20060260	17065599
G3HMY0	10	10	38.12246	0.000127	6.657111	31C	37C	3-hydroxy-3	HMGCS1	1.1E+08	98111827	1.05E+08	12321183	15616691	19082031	85763204	98111827	36441749	14087904	13550917	22175050
G3HBG8	2	2	6.431837	0.030281	6.666426	31C	37C	Calmodulir	CALM2-B	4771435	1037976	3014345	649668.1	451877.2	222065.8	3721971	1037976	1046575	742823.2	392103	258060.6
G3HNT9	1	1	2.735634	0.041096	6.717264	31C	37C	Proteasom	PSMB1	401496	284329.3	753277.8	13500.88	133357.7	67380.92	313188.1	284329.3	261536.6	15436.75	115717.1	78302.73
G3H2P6	2	2	6.166771	0.000253	6.763739	31C	37C	Cytoplasm	DYNC1LI1	3701737	3339573	3342176	568396.2	368444.7	598328.6	2887550	3339573	1160397	649897.9	319706.9	695312
G3IGT5	2	2	6.149443	0.007574	6.828823	31C	37C	SSSCA1	SSSCA1	4089461	1489269	2588065	257127.1	345032.3	593770.6	3189995	1489269	898571.2	293996.2	299391.5	690015.3
G3I854	2	2	5.762264	0.001223	6.837359	31C	37C	Ubiquitin-a	UBAP2	2789678	1792933	1770089	427479.6	269162.2	232474.3	2176096	1792933	614571.7	488775.5	233557.5	270156.2
G3I863	1	1	2.655264	0.00021	6.939568	31C	37C	Ephrin type	EPHA2	1259184	1287931	1065783	133179.8	215809.8	171633.4	982230.4	1287931	370037.8	152276.3	187262.5	199453.6
G3GSC9	1	1	3.255196	0.002328	7.015254	31C	37C	tRNA (ader	TRMT6	28408168	32096156	24967890	5226073	4808434	2149260	22159872	32096156	8668804	5975434	4172375	2497634
G3I6F9	1	1	2.610408	0.028242	7.528559	31C	37C	EH domain	EHD1	15133687	13822421	14441408	321684.4	1139245	4303456	11805076	13822421	5014029	367810.4	988545.7	5001006
G3H1Y2	2	2	4.668808	0.000388	7.552782	31C	37C	YTH domai	YTHDF2	1605638	1568831	1668000	279060.3	215004.6	147085.6	1252483	1568831	579126.4	319074.4	186563.8	170926.7
G3HZ17	2	2	7.51505	0.000995	7.564944	31C	37C	Protein phc	PPP1R12A	2591580	1574311	2849571	384682	234226.1	308456.5	2021570	1574311	989365.7	439841.2	203242.7	358454.5
G3GXG4	4	4	9.666374	0.001167	7.694377	31C	37C	Lanosterol	CYP51A1	4269981	4447106	4923334	339664.1	684760.2	748353.6	3330811	4447106	1709372	388368.2	594180.2	869654.7
G3I2X3	1	1	3.857157	0.001074	7.99169	31C	37C	Casein kina	CSNK2A1	9495926	8013652	5923652	1380913	681241.8	870045	7407324	8013652	2056681	1578920	591127.2	1011071
G3IJ02	7	7	35.5721	7.47E-05	8.232285	31C	37C	Leucine-ric	LRRFIP1	16854583	15720657	15313454	2383040	1554575	1879567	13147465	15720657	5316802	2724741	1348936	2184227
G3HT11	1	1	2.701727	6.86E-05	8.582652	31C	37C	Cysteine and glycine-ri		3437182	2958052	3077603	459197.8	325686.4	318834.9	2681184	2958052	1068538	525041.7	282604.6	370515.1
G3HWX4	2	2	7.792105	0.0314	8.828204	31C	37C	Elongation factor 1-alp		19542659	6587815	22019443	409640.4	3640169	1404292	15244307	6587815	7645109	468378.3	3158647	1631915
G3H8Q6	1	1	4.122573	0.01106	8.947188	31C	37C	Importin su	KPNA3	1453263	510065.9	2049015	117128.7	215803.3	115515.4	1133622	510065.9	711414.2	133923.7	187256.9	134239.4
G3HXT3	1	1	3.529314	0.013437	9.166254	31C	37C	Protein kin	PACSIN2	4268578	2213397	2750860	99772.37	235045.4	672445.9	3329716	2213397	955093.3	114078.6	203953.6	781443
G3HC70	1	1	3.709258	0.014645	9.953692	31C	37C	Pre-B-cell l	PBXIP1	4413852	3419364	6252319	137765.7	1070390	206951.2	3443038	3419364	2170793	157519.7	928798.6	240496.1
G3HU95	1	1	2.028421	0.002119	10.60792	31C	37C	Maltase-glucoamylase		1063203	1234558	2676301	146693.9	203082.9	119124.2	829354.3	1234558	929206.8	167728.2	176219.1	138433.1
G3HF77	1	1	3.496023	0.015415	11.11193	31C	37C	40S ribosor	RPS15	5804292	4546397	7406363	201816.2	1267977	128223.8	4527654	4546397	2571475	230754.4	1100249	149007.7
G3HW96	1	1	3.201572	0.04506	11.7296	31C	37C	G-protein c	GPR143	1541161	206406.3	197020.9	71010.86	45113.65	49660.17	1202187	206406.3	68405.27	81193.02	39146.02	57709.62
G3I129	1	1	2.351606	0.002528	11.74572	31C	37C	Ubiquitin	UBA52	6398411	2858423	5271856	324948.3	258755	653231.6	4991099	2858423	1830379	371542.3	224526.9	759114.4
G3GU12	1	1	3.067366	0.003373	12.03787	31C	37C	A-kinase ar	AKAP12	523908.2	446657.7	974659	64641.74	71397.85	25552.48	408676.1	446657.7	338399.7	73910.65	61953.35	29694.29
G3HL33	1	1	2.101526	0.001032	12.70248	31C	37C	Zyxin	ZYX	1661340	1238874	1193395	75704.13	174818	71746.39	1295933	1238874	414344.3	86559.26	151693.1	83375.81
G3HTJ8	1	1	4.767183	4.77E-05	13.5071	31C	37C	Fragile X m	FXR1	6928082	5660763	7101926	578172.8	495757.7	383878	5404270	5660763	2465775	661076.4	430178.9	446101
G3II51	1	1	4.75436	8.78E-05	13.56412	31C	37C	Phosphomannomutase		4013923	3226421	4759074	366757.4	265815.9	252070.6	3131072	3226421	1652341	419346.4	230653.8	292928.8
G3H7Y5	1	1	2.741598	0.035464	14.05726	31C	37C	Sodium/po	ATP1A1	511900.4	135627	1303947	45906.71	74857.88	18058.61	399309.3	135627	452727.8	52489.22	64955.69	20985.74
D5FGC9	5	5	18.37742	1.76E-05	17.56297	31C	37C	RNA-binding motif 3		1.82E+08	1.49E+08	1.91E+08	9444286	8597094	11702943	1.42E+08	1.49E+08	66387734	10798492	7459871	13599880
G3HGX9	2	2	5.647159	0.006635	18.68873	31C	37C	YTH domai	YTHDF1	1647482	892200.1	1670461	34972.12	23732.25	166572.7	1285123	892200.1	579980.7	39986.73	20592.95	193572.6
G3H6B5	1	1	3.326052	0.011373	20.9764	31C	37C	Interleukin	ILF3	3879067	2133335	4719446	28143.91	371036.6	112434.8	3025877	2133335	1638583	32179.44	321955.9	130659.4
G3IIG1	5	5	17.59371	9.43E-05	21.23347	31C	37C	Carboxylic ester hydrol		15946746	14062687	10883647	534108.1	859044.5	532726.1	12439304	14062687	3778782	610693.2	745410.2	619076
G3HRT6	2	2	5.611669	8.69E-05	22.5088	31C	37C	Solute carr	DUT	5779671	4713773	3461660	221937.8	238068	159978.5	4508449	4713773	1201882	253761.2	206576.4	185909.5
G3HF60	1	1	2.307457	0.002238	23.53581	31C	37C	Glutathione peroxidase		1583983	1935711	1718126	24184.75	117934.1	80427.89	1235590	1935711	596530	27652.58	102333.8	93464.5
G3HPL6	1	1	3.164689	0.012416	24.34719	31C	37C	BAT2 doma	PRRC2C	1721836	749217.4	1180616	6927.496	17400.62	125655.1	1343123	749217.4	409907.5	7920.822	15098.87	146022.6
G3IJJ7	2	2	4.746266	0.015261	27.54267	31C	37C	Phosphomannomutase		3063545	3689722	3631295	53699.09	9099.25	314237.1	2389727	3689722	1260779	61398.94	7895.602	365171.9
G3IFY1	3	3	8.107245	0.009298	28.70861	31C	37C	TYMS	TYMS	9176029	5211810	2280779	43065.83	131937.7	405610.3	7157788	5211810	791882	49241	114485	471355.9
G3I2G1	1	1	2.90324	0.001572	29.87619	31C	37C	Fos-relatec	FOSL1	3868585	3300007	2550767	170634.3	116470.4	38216.54	3017701	3300007	885621.5	195101.3	101063.7	44411.08
G3H3F8	2	2	4.75193	2.57E-05	32.49212	31C	37C	Thymidine l	TK1	4116517	4890519	4617843	104706.9	137666.1	176955.7	3211100	4890519	1603306	119720.7	119455.7	205638.5
G3H6Z4	2	2	6.119006	0.005891	37.6183	31C	37C	Alpha-1,4 g	PYGB	1492560	632185.7	1644529	80177.28	10670.05	9350.562	1164275	632185.7	570977.4	91673.81	9258.617	10866.2
G3I2K8	3	3	8.426596	7.78E-05	45.8543	31C	37C	RRM2	RRM2	3041896	1989899	2912142	76885.03	56375.38	39982.62	2372840	1989899	1011090	87909.49	48918.05	46463.43
G3HBI9	1	1	7.144967	0.055792	118.2352	31C	37C	Leukotrien	LTA4H	900201.1	590429.3	1081337	21105.71	647.2666	0	702204.4	590429.3	375438.1	24132.03	561.6462	0

G3HF56	1	1	2.747858	0.000562	448.3686	31C	37C	Calponin	CNN2	5201805	2159832	4894520	3204.719	4149.238	19981.05	4057682	2159832	1699368	3664.241	3600.377	23219.79
G3IF62	1	1	2.906744	5.42E-05	Infinity	31C	37C	Ras GTPas	IQGAP1	149332.8	40234	438035.5	0	0	0	116487.5	40234	152085.1	0	0	0
G3I7Z8	1	1	3.720349	9.48E-05	Infinity	31C	37C	Importin-7	IPO7	286552.1	26859.92	291061	0	0	0	223525.8	26859.92	101055.8	0	0	0
G3H6A3	1	1	2.793922	9.88E-08	Infinity	31C	37C	RAB3D	RAB3D	356453.6	230314.5	367968	0	0	0	278052.7	230314.5	127757.8	0	0	0
G3H8Q4	1	1	2.617189	0.03788	1.500918	37C	31C	Acidic leuc	ANP32A	13169188	10250522	8530948	17691730	15555480	14708093	10272663	10250522	2961929	20228527	13497803	17092138
G3HCX0	1	1	1.974651	0.00054	1.503178	37C	31C	Ribonuclease		8058406	8844079	9074911	13493133	12736357	12819157	6285982	8844079	3150792	15427899	11051593	14897023
G3IB53	1	1	3.602655	0.037128	1.505632	37C	31C	Golgi-asso	GLIPR2	22656869	25181764	16612985	35217942	32790676	29031821	17673555	25181764	5767997	40267804	28453129	33737607
G3HVJ5	1	1	2.951396	0.030355	1.505753	37C	31C	Squamous	SART3	2314139	2191489	2878674	3475152	4397717	3246064	1805151	2191489	999470.1	3973450	3815987	3772220
G3HCX8	1	1	2.799598	0.014012	1.506727	37C	31C	CALR	CALR	58242656	79993216	75229705	1.12E+08	1.03E+08	1.07E+08	45432349	79993216	26119611	1.28E+08	89028008	1.25E+08
G3HTC0	1	1	2.554083	0.038991	1.508826	37C	31C	Tuftelin-int	TFIP11	261640.2	412111.3	369413.2	501042.2	510419.2	562492.6	204093.2	412111.3	128259.6	572886.1	442901	653667.4
G3H853	1	1	2.101659	0.000749	1.509545	37C	31C	cAMP-depe	PRKAR1A	4644749	5252528	4616130	7135829	7269775	7503035	3623150	5252528	1602712	8159028	6308129	8719207
G3I958	1	1	2.426159	0.032201	1.509617	37C	31C	Protein DD	DDI2	1658947	1419203	1607797	2343772	1900628	2829582	1294066	1419203	558224	2679843	1649213	3288231
G3I1Q8	1	1	2.792543	0.000725	1.509634	37C	31C	Probable tf	OSGEP	3745204	4120773	4044270	5896916	5707494	6375701	2921457	4120773	1404163	6742468	4952507	7409143
G3IFX0	1	1	2.68775	0.019324	1.510286	37C	31C	Programme	PDCD6	5109028	3589613	3751677	6308439	6416422	6078679	3985312	3589613	1302575	7213000	5567659	7063976
G3H6W0	1	1	2.383464	0.040352	1.511248	37C	31C	ATP6V1B2	ATP6V1B2	3811317	5321727	5719626	8505911	7021365	6918789	2973029	5321727	1985843	9725564	6092579	8040260
G3HYG7	1	1	2.982237	0.000549	1.513256	37C	31C	DnaJ-like s	DNAJB11	23463431	21229666	20881089	34119226	31913051	33198284	18302716	21229666	7249875	39011544	27691595	38579415
G3IB34	1	1	2.796926	0.010938	1.516362	37C	31C	Protein RRI	PDCD11	4373714	4522972	3429982	5808270	6543771	6339654	3411728	4522972	1190883	6641112	5678162	7367253
G3H8H7	1	1	4.412732	0.004423	1.518228	37C	31C	DnaJ homo	DNAJC10	2529447	2525346	2039458	3693742	3548444	3528507	1973102	2525346	708095.8	4223384	3079056	4100445
G3HJE0	1	1	3.397684	0.018571	1.520586	37C	31C	Mitochondi	TIMM50	1218742	1556676	1367356	2059666	2420903	1818873	950683.2	1556676	474743.4	2354999	2100666	2113696
G3GXQ3	1	1	2.043187	0.033865	1.521123	37C	31C	Trifunction	HADHA	4425247	5146627	5747103	6461691	9321323	7519035	3451927	5146627	1995383	7388226	8088299	8737800
G3I000	1	1	2.920415	0.048885	1.521885	37C	31C	Aldehyde d	ALDH16A1	5251402	4833640	3270241	7442096	6742171	6140936	4096371	4833640	1135421	8509210	5850317	7136324
G3H1D2	1	1	2.43464	0.036876	1.525966	37C	31C	Tripartite m	COIL	5993098	7652322	8263542	9309795	13026248	11096276	4674933	7652322	2869086	10644717	11303137	12894878
G3GWR2	1	1	2.272825	0.047	1.526226	37C	31C	Voltage-de	VDAC2	32856304	46021533	50372782	55770444	71897996	69597157	25629653	46021533	17489334	63767307	62387336	80878206
G3H4Z8	3	3	9.366875	0.003158	1.52916	37C	31C	HSPA2	HSPA2	3.14E+08	2.89E+08	3.13E+08	5.24E+08	4.31E+08	4.45E+08	2.45E+08	2.89E+08	1.09E+08	6E+08	3.74E+08	5.17E+08
G3IL62	1	1	3.164978	0.002948	1.529164	37C	31C	NAD(P) tra	NNT	18242133	16123490	19110386	26158181	26026478	29588933	14229827	16123490	6635090	29908974	22583698	34385023
G3HTU8	1	1	2.215039	0.013038	1.529331	37C	31C	Galactokin	GALK1	5258456	5222000	5524158	6850109	8074096	9552140	4101873	5222000	1917977	7832339	7006055	11100452
G3HER1	1	1	2.363189	0.02826	1.53007	37C	31C	Tricarboxyl	SLC25A1	3963790	4027043	5661691	7461655	7231781	6195885	3091966	4027043	1965728	8531573	6275161	7200180
G3HJP6	1	1	3.224581	0.004092	1.530953	37C	31C	Prohibitin	PHB	47181366	41907869	38605396	70505170	60933027	64056331	36803958	41907869	13403720	80614829	52872812	74439264
G3H7F9	1	1	3.100697	0.045894	1.532174	37C	31C	Sialic acid	NANS	11969106	13132617	7924584	17447997	17024407	16129651	9336535	13132617	2751400	19949847	14772420	18744117
G3HGF9	1	1	3.510359	0.010953	1.539091	37C	31C	Protein tra	SEC23A	4848189	4822884	3649369	7153788	6851274	6496304	3781843	4822884	1267054	8179562	5944988	7549295
G3H8H1	1	1	3.06904	0.036951	1.54183	37C	31C	Nucleopori	NUP35	1105586	936518.4	1047713	1982842	1285669	1495463	862415.5	936518.4	363764.1	2267159	1115601	1737864
G3HRP3	2	2	4.435755	0.000441	1.542742	37C	31C	Citrate syn	CS	22052054	20570335	19987688	30442672	33460073	32688469	17201768	20570335	6939687	34807813	29033978	37986964
G3H451	1	1	2.281069	0.025569	1.543363	37C	31C	Nucleolar p	NOP56	7330014	8035234	6667597	13023728	9042501	11938446	5717798	8035234	2314977	14891186	7846359	13873557
G3GUG7	2	2	5.015393	0.000471	1.544204	37C	31C	Protein DEI	DEK	5529201	5746147	6238140	8650831	9085494	9308067	4313069	5746147	2165870	9891264	7883666	10816818
G3GX96	2	2	4.559613	0.005614	1.549169	37C	31C	Actin-relat	ARPC4	10865228	9613335	8713503	13918326	14796639	16508476	8475452	9613335	3025312	15914060	12839341	19184345
G3H7U2	1	1	2.589131	0.017546	1.550239	37C	31C	Structural r	SMC1A	2461855	2278745	2344770	4078288	3983220	2922512	1920377	2278745	814099.8	4663069	3456320	3396224
G3HZ25	1	1	3.021932	0.003633	1.55664	37C	31C	NADH deh	NDUFV2	4979686	5551771	5399429	9072189	7293780	8432686	3884418	5551771	1874672	10373041	6328959	9799546
G3HQI8	1	1	3.877038	0.038916	1.558351	37C	31C	Myosin-Vb	ACAA2	11144041	16278371	14129262	22642329	17679798	24429967	8692941	16278371	4905653	25888987	15341116	28389837
G3GZ27	1	1	2.619741	0.02822	1.560942	37C	31C	Phenylalan	FARS2	427180.3	441926.1	419702.9	835659.7	541565.5	634531.2	333223.2	441926.1	145720.1	955484	469927.2	737382.7
G3HQ6	2	2	5.249285	0.003077	1.561967	37C	31C	Sulfurtrans	MPST	12552976	12363327	10677771	18488185	17044411	20064187	9791984	12363327	3707302	21139185	14789778	23316404
G3HG78	1	1	3.312711	0.005951	1.562738	37C	31C	Apolipopro	NAXE	29089995	26029132	29023874	49638629	43487243	38367615	22691733	26029132	10077034	56756258	37734755	44586647
G3HFN7	1	1	2.532155	0.036546	1.563132	37C	31C	Pyridoxal-d	PDXDC1	133987.6	185381.4	116320.3	237863.4	201461.3	241715.2	104517.4	185381.4	40386.2	271970.4	174812	280895
G3I6G7	1	1	2.086992	0.008064	1.57123	37C	31C	ADP-ribosy	ARL2	1274123	1617534	1390412	1991015	2447964	2289136	993883.5	1617534	482748.6	2276504	2124147	2660184
G3IH63	11	11	40.04321	0.001007	1.571395	37C	31C	Myosin-9	MYH10	42253536	43499354	43720304	73350707	61527908	68574927	32959991	43499354	15179606	83868385	53389002	79690282
G3ID93	1	1	2.131592	0.049347	1.572282	37C	31C	WD repeat-	WDR5	1320161	1637784	1130232	1780660	2661356	1985749	1029795	1637784	392414.4	2035987	2309312	2307621
G3HDT6	2	2	4.740593	0.001513	1.572551	37C	31C	Histone H2	H2AC11	4.09E+08	3.95E+08	3.68E+08	6.59E+08	5.58E+08	6.25E+08	3.19E+08	3.95E+08	1.28E+08	7.54E+08	4.84E+08	7.26E+08
G3GY70	1	1	3.815303	0.004583	1.573581	37C	31C	Fragile X m	FXR1	629309.6	686131.1	595610.2	1137483	957153.1	912557	490894.7	686131.1	206794.7	1300585	830541	1060474
G3HAR4	2	2	5.259639	0.001889	1.577425	37C	31C	Cysteine d	NFS1	1588531	1465441	1540478	2186816	2668797	2391787	1239138	1465441	534851	2500381	2315769	2779473
G3HFL6	1	1	5.277202	0.005573	1.577508	37C	31C	ATP-bindin	PDHB	16584007	15896792	19299086	24094193	28437287	29151694	12936402	15896792	6700606	27549033	24675606	33876912
G3HEZ0	6	6	19.39553	0.000631	1.579093	37C	31C	Stress-70 p	HSPA9	67018420	60506168	66114382	99101701	97662282	1.09E+08	52277909	60506168	22954788	1.13E+08	84743525	1.27E+08
G3IL48	1	1	2.911669	0.033959	1.584232	37C	31C	Protein tra	SEC31A	5991346	8186315	5512981	11070637	11417813	8706101	4673566	8186315	1914096	12658044	9907466	10117279
G3I278	1	1	3.798842	0.00575	1.588374	37C	31C	Laminin su	LAMB1	5701388	7339977	6630999	11329880	10226247	9690936	4447384	7339977	2302270	12954459	8873520	11261746
G3I334	2	2	5.49733	0.00422	1.589699	37C	31C	Hydroxyac	HADH	12338497	11423073	13791798	17698747	21032134	20967663	9624680	11423073	4788486	20236551	18250005	24366325
G3ILF4	1	1	4.30689	0.001016	1.589711	37C	31C	NADH dehydrogenase		13706886	14091446	14593504	24478010	22373459	20539320	10692096	14091446	5066837	27987885	19413900	23868552

G3GYA2	1	1	3.003118	0.019572	1.590224	37C	31C	Very long-c	ACADVL	5165804	7513701	6260509	8831633	10488574	10798654	4029600	7513701	2173637	10097991	9101146	12549014
G3I6L2	1	1	3.025787	0.029221	1.590934	37C	31C	Elongator c	ELP3	70798.33	80667.76	89832.16	129895.8	152481.1	101512.8	55226.44	80667.76	31189.56	148521.4	132310.9	117967
G3H2V3	1	1	4.132052	0.012056	1.593638	37C	31C	Acidic leuc	ANP32E	16073366	19850406	19663121	31561893	24947645	32075843	12538075	19850406	6826998	36087518	21647573	37275038
G3H697	3	3	17.91172	0.000633	1.595958	37C	31C	Glucosidas	PRKCSH	30501981	31547184	33166737	54861391	49189938	47909272	23793157	31547184	11515428	62727906	42683097	55674918
G3HF54	1	1	3.13771	0.037927	1.598589	37C	31C	AT-rich inte	WDR18	284801.5	390204.6	432429.4	559312.9	698529.6	512491.4	222160.2	390204.6	150138.7	639512.2	606128.2	595561.5
G3H0U6	4	4	12.7647	0.008793	1.599373	37C	31C	Protein disı	PDIA3	80351062	95179312	81558176	1.58E+08	1.2E+08	1.33E+08	62678074	95179312	28316844	1.81E+08	1.04E+08	1.55E+08
G3IDJ2	1	1	3.623829	0.022101	1.600868	37C	31C	Nuclear po	NUP214	1335342	1336969	894380.4	1906709	1934350	1868745	1041637	1336969	310527.2	2180110	1678474	2171651
G3HRC5	1	1	2.867857	0.022995	1.606127	37C	31C	Dolichyl-di	DAD1	12551019	15796627	18751763	22431898	24885432	28330290	9790458	15796627	6510576	25648383	21593590	32922366
G3I4A7	1	1	3.858604	0.045595	1.607754	37C	31C	Bifunctional methylene		5424093	9547541	7258685	12674282	12514996	10551595	4231079	9547541	2520202	14491634	10859514	12261910
G3GZQ4	1	1	2.085793	0.033265	1.60781	37C	31C	Rab3 GTPa	RAB3GAP1	125917.2	178345.3	189480.4	276114.7	293953.7	223776.2	98222.05	178345.3	65787.23	315706.4	255069.5	260048.3
G3HHE2	1	1	2.115267	0.005255	1.608409	37C	31C	RNA-bindir	RBM27	183132.5	202816.6	211980.3	359930.1	322666.5	279118.6	142853	202816.6	73599.15	411540.1	279984.2	324361.1
G3I7U9	2	2	4.319564	0.004681	1.610381	37C	31C	HTRA2		3631338	3278599	4052216	5568156	6573185	5511905	2832635	3278599	1406922	6366568	5703684	6405334
G3GVW0	1	1	2.847192	0.02543	1.611165	37C	31C	Uncharact	SMIM26	1526534	1316839	1136805	1731127	2195096	2486500	1190777	1316839	394696.4	1979352	1904729	2889539
G3HPP2	1	1	3.362481	0.00034	1.611601	37C	31C	4-trimethyl	ALDH9A1	8802375	8604254	9584110	15262726	14187272	14048304	6866318	8604254	3327585	17451231	12310581	16325403
G3HA23	2	2	6.123136	0.002446	1.613918	37C	31C	Malate deh	MDH2	21485513	22122526	22449306	36935039	30928507	38747583	16759835	22122526	7794356	42231114	26837287	45028203
G3GVM9	1	1	3.048563	0.030387	1.614188	37C	31C	Calcium-re	CARHSP1	3497838	4121999	2615234	6263333	5265719	4992281	2728498	4121999	908004.3	7161426	4569170	5801483
G3ID08	1	1	2.451144	0.028822	1.61717	37C	31C	Putative pr	DHX15	4867399	6880741	4374685	9219143	9146656	7707551	3796828	6880741	1518882	10541066	7936737	8956873
G3I2Z5	1	1	2.892597	0.003658	1.617362	37C	31C	Hepatoma-	HDGFL3	1912394	1836073	1589731	2835985	3174932	2622883	1491768	1836073	551951.5	3242634	2754952	3048027
G3I0X4	4	4	14.69029	0.007536	1.619046	37C	31C	Epoxide hy	EPHX1	22701278	31242996	29172197	44026235	46259824	44283357	17708196	31242996	10128531	50339108	40140579	51461275
G3IJV7	1	1	3.068619	0.030591	1.625133	37C	31C	Cytosolic a	ACOT7	4016127	5923657	5143246	7232657	9808874	7470394	3132791	5923657	1785725	8269740	8511357	8681275
G3I722	1	1	2.686373	0.031006	1.626152	37C	31C	NUP62		3932946	4425598	2928709	7091402	5226526	6036863	3067906	4425598	1016842	8108231	4535162	7015382
G3GXX4	4	4	10.80398	0.001039	1.631493	37C	31C	Dolichyl-di	RPN2	22515380	27260142	25420680	41517154	39702704	41462212	17563186	27260142	8826012	47470254	34450834	48182848
G3II47	15	15	58.69376	6.35E-05	1.632108	37C	31C	Aconitate h	ACO2	77688116	84648723	83320447	1.31E+08	1.35E+08	1.35E+08	60600835	84648723	28928701	1.5E+08	1.17E+08	1.57E+08
G3H352	1	1	2.401947	0.016611	1.632676	37C	31C	Cytoplasm	DYNC1H1	3174124	4147461	3025800	6465901	4973368	5454661	2475984	4147461	1050552	7393039	4315492	6338810
G3H1E0	2	2	4.450966	0.003255	1.632945	37C	31C	28S riboso	MRPS23	1822250	2325242	2010858	3554453	3159924	3341867	1421452	2325242	698165.9	4064122	2741930	3883552
G3HNA5	1	1	2.919268	0.006685	1.634752	37C	31C	Ubiquitin carboxyl-tern		10912229	11976620	10722812	21199659	18086453	15660615	8512115	11976620	3722940	24239455	15693978	18199054
G3HLE5	3	3	10.99361	0.013965	1.635627	37C	31C	NADH deh	NDUFV3	9472358	9031745	7853416	17229650	12198761	13682647	7388940	9031745	2726691	19700190	10585110	15900477
G3H813	1	1	2.8121	0.023082	1.635828	37C	31C	Interferon-i	IFI204	2812397	4297003	4228815	5880671	6542323	6124371	2193818	4297003	1468237	6723894	5676905	7117074
G3I5W3	1	1	2.694523	0.005132	1.636596	37C	31C	TAR DNA-b	TARDBP	24662730	28460171	23591059	39176505	38674118	47699141	19238233	28460171	8190771	44793982	33558309	55430725
G3I801	2	2	4.82751	0.001496	1.637244	37C	31C	Switch-ass	SWAP70	1951704	2056436	1922331	2944475	3155051	3610100	1522432	2056436	667429.7	3366680	2737702	4195263
G3HRN0	2	2	8.225598	0.004413	1.637413	37C	31C	ATP syntha	ATP5B	1E+08	1.05E+08	1.27E+08	1.76E+08	1.69E+08	1.98E+08	78081354	1.05E+08	43993976	2.01E+08	1.47E+08	2.3E+08
G3I5V3	2	2	5.494596	0.00779	1.637919	37C	31C	Short/bran	ACADSB	7302253	6483305	8177278	10295743	12737676	12939929	5696143	6483305	2839136	11772039	11052737	15037371
G3HX83	3	3	10.32064	0.001656	1.640486	37C	31C	Ras-relate	RAB14	17700946	21941292	19302173	30869796	33172169	32655503	13807673	21941292	6701678	35296182	28784158	37948654
G3H7Y0	2	2	4.838303	0.026299	1.640651	37C	31C	Coatomer s	COPA	1947910	2574415	2598818	3180696	4612600	3890015	1519473	2574415	902304.7	3636773	4002446	4520551
G3I0Q8	1	1	3.736148	0.007051	1.640814	37C	31C	Myosin-VI	MYO6	1710540	1933774	2207090	2954183	3620239	3026643	1334312	1933774	766297.5	3377780	3141354	3517233
G3IFM4	1	1	2.333329	0.001099	1.642006	37C	31C	METTL7A	METTL7A	2319693	2420701	2277981	4084986	4012915	3426315	1809483	2420701	790910.8	4670728	3482087	3981689
G3IKY8	1	1	2.1401	0.044292	1.642395	37C	31C	Bystin		741026.2	594539.8	428001.7	1013533	821879.8	1061063	578039.6	594539.8	148601.4	1158862	713161.6	1233051
G3ID44	1	1	2.446888	0.005974	1.644256	37C	31C	La-related	LARP7	766333	995442.3	1024223	1585702	1471544	1523649	597780.3	995442.3	355608.1	1813074	1276888	1770618
G3GSJ7	1	1	2.359846	0.003988	1.645248	37C	31C	BDH1	BDH1	1703158	1402906	1779094	2906311	2587462	2543525	1328553	1402906	617698.1	3323044	2245193	2955806
G3I7Y3	2	2	7.588031	0.010943	1.648527	37C	31C	LAMP1		16633292	17929195	18954318	35479018	27566157	25178731	12974847	17929195	6580903	40566316	23919708	29259968
G3I3I0	2	2	5.018829	0.036282	1.651949	37C	31C	AP-2 comp	AP2A1	754469.4	1061087	588419.7	1357599	1295285	1318362	588526	1061087	204298.2	1552264	1123945	1532057
G3I3A8	4	4	11.37574	0.004598	1.653695	37C	31C	Nuclear mi	NUMA1	2956485	2752018	2332149	4916211	4182839	4197734	2306214	2752018	809717.6	5621141	3629534	4878148
G3H9P3	1	1	2.096901	0.002044	1.653756	37C	31C	Serine/thre	STK10	3373073	2814475	3419740	5443457	4953015	5491642	2631175	2814475	1187327	6223988	4297831	6381785
G3GWP7	2	2	5.643482	0.000734	1.653792	37C	31C	Calcium/ca	CAMK2G	24989637	21145573	24292832	39702980	39173027	37597350	19493237	21145573	8434425	45395947	33991223	43691529
G3H9F5	2	2	5.111575	0.010044	1.660319	37C	31C	Elongator c	ELP1	2531997	2772134	3518037	4373898	5150635	5123076	1975091	2772134	1221456	5001066	4469309	5953478
G3H8H3	1	1	2.442249	0.008088	1.661609	37C	31C	Nck-associ	NCKAP1	2408396	3390922	2921068	5178560	4592533	4718774	1878676	3390922	1014189	5921108	3985033	5483643
G3IIA0	2	2	4.935016	0.012455	1.66231	37C	31C	ATP syntha	ATP5F1	10652414	13934000	14509501	24581578	19520882	20887087	8309446	13934000	5037671	28106304	16938662	24272689
G3GUM9	1	1	2.292032	0.001002	1.662567	37C	31C	Putative rib	NOP2	1822330	2110742	1747288	3139792	3066032	3238156	1421514	2110742	606655.2	3590003	2660457	3763031
G3HI80	1	1	2.14505	0.016995	1.665358	37C	31C	Cob(I)yrini	MMAB	3591190	4172459	4740843	8216318	5803777	6804366	2801318	4172459	1646012	9394447	5036054	7907290
G3I518	1	1	3.632758	0.044425	1.668184	37C	31C	Elongation	GFM1	2923552	4239645	2238600	5548686	4919095	5216147	2280525	4239645	777237.6	6344306	4268398	6061635
G3GZ87	2	2	5.003067	0.008527	1.668242	37C	31C	RNA-bindir	RBM28	1523632	1664280	1529140	2125738	2860903	2882545	1188514	1664280	530914.6	2430546	2482463	3349778
G3I6Z3	1	1	2.888144	0.008476	1.66833	37C	31C	Mitochond	PMPCA	7036028	9219119	7653015	11652728	13383267	14850719	5488473	9219119	2657112	13323600	11612929	17257882
G3GUB3	4	4	10.5523	0.00048	1.670412	37C	31C	Calcium-bi	SLC25A12	6927651	8177499	7686023	12952936	12585217	12532485	5403934	8177499	2668573	14810243	10920446	14563884
G3H0V2	2	2	5.974936	0.020773	1.670631	37C	31C	Tumor sup	TP53BP1	1163348	756317.1	758531.3	1499066	1440476	1534736	907473	756317.1	263360.6	1714015	1249930	1783502

G3HP15	1	1	2.865767	0.026032	1.672195	37C	31C	Cytochrome b-c1 com	8178341	13685193	11152058	16968098	19201118	19039297	6379538	13685193	3871973	19401135	16661196	22125389
G3GR61	3	3	6.733494	0.001587	1.672648	37C	31C	ATP syntha	ATP5C1	10802121	12508520	12314487	18152217	19948789	21487304	8426226	12508520	4275567	20755044	17309965	24970195
G3HYV1	1	1	2.307035	0.003834	1.67459	37C	31C	Armadillo r	ARMC10	5367360	6661611	5180522	10277002	9445016	9096830	4186824	6661611	1798667	11750610	8195630	10571341
G3HSJ1	1	1	2.790652	0.001296	1.675512	37C	31C	Nicalin	NCLN	2951846	2753399	2429060	4321696	4792985	4514444	2302596	2753399	843365.1	4941379	4158970	5246193
G3H1A4	3	3	7.567829	0.000402	1.67584	37C	31C	Sidoreflexi	SFXN1	10046589	11327038	11533290	17674853	18671428	18800436	7836870	11327038	4004336	20209231	16201573	21847811
G3H2L6	1	1	1.989435	0.009488	1.675928	37C	31C	REST corep	RCOR1	415599.1	299795.5	308884.1	524910	596029.1	595678.8	324189.3	299795.5	107244	600176.3	517186.4	692232.7
G3I8Z3	4	4	10.74984	0.000905	1.67633	37C	31C	TBC1 dom	CSNK2A1	6603169	6556218	7574357	10805389	12124273	11826936	5150821	6556218	2629802	12354762	10520475	13743972
G3GS40	2	2	6.08615	0.000582	1.680031	37C	31C	Succinyl-C	SUCLG2	16515171	17648922	14743416	27218215	27404811	27543082	12882706	17648922	5118886	31121005	23779705	32007558
G3IKF1	1	1	6.240894	0.016293	1.680267	37C	31C	Enoyl-CoA	ECHS1	1184269	1760884	1410521	2132349	2547680	2638667	923792.4	1760884	489730.3	2438104	2210673	3066370
G3GY25	1	1	3.254409	0.001367	1.680679	37C	31C	Nuclear po	NUP107	699484.8	823705.5	744504.4	1158987	1322525	1329755	545635.1	823705.5	258490.5	1325173	1147582	1545295
G3HGY8	2	2	5.041551	0.006216	1.681957	37C	31C	Elongation	EEF1A1	7144050	8191138	9120960	13216289	15572012	12345889	5572736	8191138	3166780	15111358	13512147	14347042
G3H289	7	7	21.81414	0.001493	1.682161	37C	31C	Aldehyde d	ALDH2	67540915	76307551	83232385	1.2E+08	1.28E+08	1.33E+08	52685482	76307551	28898126	1.38E+08	1.11E+08	1.55E+08
G3GXX3	2	2	10.73964	0.000566	1.685951	37C	31C	Dolichyl-di	RPN2	31800972	32714352	31843155	50799763	51860623	59795244	24806438	32714352	11055883	58083886	45000504	69487494
Q1ERS4	2	2	5.536515	0.000786	1.687206	37C	31C	CRILO Dyn	DNM1L	4727408	4751750	4575575	8201912	8449317	7061997	3687628	4751750	1588631	9377975	7331642	8206681
G3GTU1	2	2	4.795544	0.018546	1.687881	37C	31C	DNA ligase	LIG3	628599	818351.2	526408.3	1199020	992721.1	1139054	490340.4	818351.2	182768	1370946	861404	1323684
G3GV47	7	7	22.49118	0.000247	1.687928	37C	31C	Leucine-ric	LRPPRC	18011395	18764808	17354092	29070652	29652296	32645100	14049840	18764808	6025308	33239061	25729893	37936566
G3GUK6	1	1	2.356057	0.001265	1.6908	37C	31C	Uncharact	NDUFA9	1625477	1396042	1415122	2440301	2348799	2712372	1267958	1396042	491327.6	2790213	2038100	3152022
G3I0D8	2	2	5.305643	0.000235	1.692633	37C	31C	NADH-cyto	CYB5R3	34642844	39632249	38615811	62534104	64277311	64271455	27023249	39632249	13407336	71500800	55774714	74689257
G3IEY0	2	2	4.506445	0.016442	1.694929	37C	31C	Succinate (	SDHB	6985799	7073583	9378466	11043074	13584721	15097684	5449292	7073583	3256186	12626528	11787736	17544878
G3HFA8	2	2	6.247879	0.002373	1.695889	37C	31C	AP-3 comp	AP3D1	1595047	1659059	1444795	2965227	2633826	2369760	1244221	1659059	501630.2	3390407	2285424	2753876
G3HX93	1	1	2.725237	0.03045	1.696897	37C	31C	CCAAT/enh	CEBPZ	3195841	3276463	3972127	6710670	6639438	4373018	2492925	3276463	1379115	7672906	5761174	5081843
G3HFJ1	1	1	6.92119	0.009647	1.698018	37C	31C	Scavenger	DCPS	10713417	11598493	9947674	22181382	16282699	16313275	8357032	11598493	3453814	25361946	14128825	18957505
G3H5L5	2	2	4.731489	0.000422	1.698194	37C	31C	Non-specif	RPS6KA3	2725337	3083036	2857273	4629162	4886277	5200507	2125907	3083036	992039.6	5292932	4239921	6043460
G3H0E4	16	16	64.66867	0.005795	1.704603	37C	31C	Chondroiti	CSPG4	14940880	14945744	14142189	29998421	22826272	22226969	11654676	14945744	4910141	34299862	19806815	25829753
G3HHA7	1	1	3.547491	0.038582	1.704641	37C	31C	Peptidyl-pr	PPIF	9052988	7239578	10396758	16600622	11331960	17563126	7061809	7239578	3609735	18980967	9832970	20409945
G3GWW7	2	2	5.306498	0.000323	1.704672	37C	31C	Cytochrome b-c1 com	5419305	4849714	5046807	8966353	8139375	9002738	4227344	4849714	1752242	10252028	7062700	10461998
G3HE01	1	1	4.428555	0.001187	1.705721	37C	31C	NADH deh	NDUFS4	10651453	10170112	9265743	18551111	15598689	17170740	8308696	10170112	3217048	21211135	13535296	19953957
G3HWI4	2	2	5.173233	0.000285	1.705934	37C	31C	Cytochrom	CYC1	18069895	16740807	16569623	29974621	27199087	30477728	14095473	16740807	5752941	34272649	23601194	35417882
G3I486	2	2	5.401181	0.00214	1.707904	37C	31C	Heterochr	HP1BP3	10298425	9476877	8845698	14399360	16809372	17673198	8033316	9476877	3071210	16464069	14585830	20537858
G3GXT2	3	3	9.58322	0.000212	1.709045	37C	31C	CAD protei	CAD	6024755	5717416	5299884	10079978	9559398	9486263	4699627	5717416	1840110	11525335	8294881	11023897
G3I2D8	5	5	14.94736	0.001046	1.71125	37C	31C	Band 4.1-li	EPB41L2	6210390	6039633	7174666	11738344	11072257	10429897	4844432	6039633	2491030	13421493	9607620	12120486
G3HSM8	2	2	6.573331	0.007276	1.712692	37C	31C	Lamin-B2	LMNB1	6648944	6030879	5837499	12582316	9022758	10109396	5186528	6030879	2026768	14386481	7829229	11748035
G3H576	7	7	23.39781	0.001295	1.712771	37C	31C	Annexin	ANXA6	20372984	24386955	22202117	41431489	35997472	37261681	15892004	24386955	7708533	47372305	31235730	43301451
G3GWR3	1	1	2.214881	0.021001	1.714056	37C	31C	COMTD1	COMTD1	1460741	1202484	1533727	1965736	2979514	2248557	1139455	1202484	532507	2247601	2585385	2613027
G3GVG0	1	1	1.952086	0.030457	1.714896	37C	31C	Proteasom	PSMG3	1372962	1091357	1600820	1816518	2715330	2439444	1070983	1091357	555801.6	2076986	2356147	2834856
G3HHE3	5	5	15.58608	0.00081	1.715508	37C	31C	Leucyl-tRN	LARS	5716746	6205523	6385436	10483139	11347624	9576244	4459364	6205523	2217011	11986305	9846562	11128464
G3GYY4	2	2	4.775996	0.003252	1.717581	37C	31C	RNA cytidir	NAT10	2581880	3363804	2664538	4702576	5109966	4976209	2014002	3363804	925122.6	5376874	4434020	5782806
G3H436	1	1	2.454164	0.003298	1.717756	37C	31C	Inosine trip	ITPA	4896364	4015632	4087226	8176083	7478200	6675206	3819423	4015632	1419077	9348443	6488985	7757194
G3GYZ0	2	2	4.903679	5.91E-05	1.721283	37C	31C	Dihydrolipc	PDHX	1142632	1144224	1217224	2097775	1987939	1945798	891313.6	1144224	422617.8	2398572	1724975	2261194
G3HID0	4	4	13.81974	0.000195	1.722553	37C	31C	Dolichyl-di	RPN1	21117052	22480651	22432595	35922573	37259926	40558179	16472416	22480651	7788554	41073471	32331186	47132280
a2	10	10	36.35861	0.000456	1.722851	37C	31C	CRIGR End	Hsp90b1	1.62E+08	1.51E+08	1.61E+08	2.96E+08	2.68E+08	2.54E+08	1.27E+08	1.51E+08	55997543	3.39E+08	2.32E+08	2.95E+08
G3H2H5	3	3	10.58577	0.000256	1.723914	37C	31C	Acetyltrans	DLAT	16321217	15323174	14506625	27460459	25034384	27065562	12731412	15323174	5036672	31397984	21722838	31452636
G3HP24	9	9	29.62333	0.006601	1.724119	37C	31C	Isoleucyl-tl	IARS	9600797	10392620	7715263	17605310	15730155	14437583	7489129	10392620	2678725	20129717	13649372	16777780
G3HZ55	1	1	2.700444	0.025075	1.726807	37C	31C	Integrin be	ITGB1	10474076	11634639	8244114	20599959	13812332	18001194	8170333	11634639	2862341	23553765	11985238	20919019
G3I9E3	1	1	2.641138	0.000399	1.728072	37C	31C	Ribosomal	RRP1B	1011471	1051838	993622.8	1729209	1918901	1634489	789000.8	1051838	344984	1977158	1665069	1899424
G3HAE3	3	3	11.63017	0.00016	1.728156	37C	31C	ATP syntha	ATP5A1	41792031	46309959	43847292	75177365	73009165	79842397	32599992	46309959	15223696	85956965	63351520	92784103
G3HJ24	2	2	8.489427	0.014334	1.731656	37C	31C	Prolyl 4-hy	P4HA1	3068069	2872184	1992352	4752305	4368612	4615624	2393256	2872184	691740.8	5433733	3790732	5363773
G3HV63	3	3	11.75585	0.000494	1.733547	37C	31C	Pyrroline-5-carboxylate	8493529	7982569	7890300	12770050	14834971	14635266	6625401	7982569	2739497	14601133	12872602	17007506
G3GYK0	1	1	2.706845	0.002576	1.734563	37C	31C	Protein kin	PACSIN3	1996434	1520055	1758127	3092583	2896959	3159609	1557324	1520055	610418.4	3536025	2513750	3671752
G3ILN5	3	3	12.4871	0.001199	1.73583	37C	31C	Reticuloca	RCN3	68256690	70475721	60340214	1.26E+08	1.08E+08	1.11E+08	53243825	70475721	20950008	1.44E+08	93886434	1.29E+08
G3HFQ4	1	1	3.854255	0.035081	1.735838	37C	31C	Dihydrolipc	DLST	35224094	58462004	59007847	97630459	77544685	89876830	27476654	58462004	20487412	1.12E+08	67287082	1.04E+08
G3IGA2	4	4	10.4855	0.004533	1.735968	37C	31C	Cytochrom	UQCRC2	9356175	8642334	7597846	16431973	12796316	15206167	7298311	8642334	2637958	18788136	11103621	17670944
G3H1S2	11	11	32.00512	8.82E-05	1.736882	37C	31C	UDP-gluco	UGGT1	15080339	14203288	15898113	25920916	26747990	25806449	11763461	14203288	5519795	29637688	23209769	29989434
G3GWC4	2	2	11.54537	8.16E-05	1.737665	37C	31C	GrpE protein homolog	8426593	9014912	9393262	15816563	15192743	15620525	6573187	9014912	3261323	18084483	13183048	18152466

G3I887	1	1	3.236717	0.00273	1.738317	37C	31C	Peroxiredo:	Prdx1	14009381	16592695	12670175	24959434	23786780	26474687	10928057	16592695	4399061	28538340	20640267	30765986
G3GTF9	3	3	6.854286	0.000531	1.74102	37C	31C	ATP syntha	ATP5H	14388874	16522993	14979207	28326494	24996667	26574114	11224082	16522993	5200752	32388199	21690110	30881530
G3I3B6	2	2	4.304604	0.000857	1.7414	37C	31C	Stromal int	STIM1	993991.2	1043097	922142.5	1550579	1783889	1818737	775365.7	1043097	320166.1	1772915	1547917	2113537
G3H9S0	2	2	6.933786	0.002184	1.741665	37C	31C	Protein Nib	FAM129A	3218987	2972061	2506455	5353760	4841746	4952628	2510980	2972061	870236.4	6121430	4201280	5755403
G3I3V3	2	2	4.506285	0.015424	1.742674	37C	31C	Coproporp	CPOX	1440927	1531345	1713199	3251619	2786240	2127389	1124000	1531345	594819.4	3717865	2417677	2472219
G3HV48	1	1	2.436817	0.024607	1.744333	37C	31C	Aladin	AAAS	3282490	3500838	2122055	5113767	4781198	5638992	2560516	3500838	736773.5	5847024	4148742	6553020
G3II19	3	3	7.885001	0.005988	1.745193	37C	31C	Ragulator c	LAMTOR1	2998483	2577393	2416848	5441231	4232073	4275538	2338975	2577393	839124.9	6221443	3672255	4968563
G3GZA9	4	4	18.21083	0.002488	1.745257	37C	31C	Reticuloca	RCN1	12203455	12725200	10633644	23314620	19335550	19415180	9519339	12725200	3691981	26657677	16777846	22562199
G3I5D2	1	1	1.98612	0.001575	1.745882	37C	31C	NADH deh	NDUFC2	5554598	6579534	5345725	10230685	9513784	10773297	4332880	6579534	1856025	11697652	8255302	12519547
G3HA14	2	2	5.449966	0.000936	1.746904	37C	31C	Tyrosine-pr	BAZ1B	2986665	2801101	2842834	5593234	4937585	4546007	2329756	2801101	987026.5	6395242	4284442	5282873
G3HDL7	4	4	10.34253	0.000492	1.74745	37C	31C	NADH-ubic	NDUFS1	7002335	6625353	6394940	11442763	10835127	12710659	5462191	6625353	2220311	13083528	9401857	14770938
G3HUE0	1	1	2.401744	0.022007	1.747494	37C	31C	STE20/SPS	STK39	1383687	2238013	1905893	2888440	3654853	3116144	1079349	2238013	661722.3	3302610	3171390	3621242
G3HB04	6	6	18.70276	0.000418	1.748264	37C	31C	Protein disı	PDIA6	1.43E+08	1.29E+08	1.54E+08	2.51E+08	2.44E+08	2.48E+08	1.11E+08	1.29E+08	53374704	2.88E+08	2.12E+08	2.88E+08
G3H110	1	1	2.862808	0.000846	1.749528	37C	31C	Calcium-bi	CHP	3803916	3452587	3675017	6903375	5725708	6495917	2967256	3452587	1275959	7893242	4968312	7548844
G3I2P6	1	1	3.150397	0.004524	1.755318	37C	31C	DnaJ-like s	DNAJC9	831084.2	877257.8	816731.8	1693166	1510767	1228375	648289.6	877257.8	283567.7	1935947	1310923	1427483
G3IBK2	1	1	3.75752	0.029129	1.755942	37C	31C	Filamin-A	FLNA	1131467	1890623	1456602	2981151	2687686	2195483	882603.7	1890623	505729.4	3408615	2332159	2551350
G3HHL3	2	2	4.882021	0.000534	1.756402	37C	31C	Eukaryotic	EIF5B	5598015	4891897	5276623	8810395	9973082	8908906	4366748	4891897	1832034	10073708	8653844	10352956
G3GYX2	1	1	2.474765	0.03693	1.75746	37C	31C	Nucleolar p	NOP58	1815890	1794991	1018956	2752497	2539013	2845245	1416490	1794991	353779.5	3147174	2203152	3306433
G3IQ91	1	1	2.975938	0.031364	1.757464	37C	31C	Vesicle-fus	NSF	3513206	6155203	5406935	8122889	9949785	8421694	2740486	6155203	1877278	9287621	8633628	9786772
G3HHE4	2	2	4.949356	0.000299	1.761688	37C	31C	Leucyl-tRN	LARS	3079882	3525045	3122465	5766576	5473179	5896874	2402471	3525045	1084114	6593439	4749188	6852702
G3GU10	7	7	20.49357	0.001259	1.762601	37C	31C	Monofunct	MTHFD1L	15515064	16457639	17534832	25771202	30093952	31396872	12102570	16457639	6088060	29466506	26113127	36486012
G3GZR1	1	1	2.230796	0.039926	1.762665	37C	31C	Aspartyl-tR	DARS	3960780	5871182	6957255	9397189	11795732	8400851	3089618	5871182	2415546	10744641	10235394	9762551
G3HE88	1	1	2.483522	0.005926	1.763051	37C	31C	COMM don	COMMD7	1085055	1085804	1081381	1902474	2257475	1573919	846400.4	1085804	375453.5	2175268	1958856	1829036
G3HAQ9	1	1	2.028452	0.002653	1.76506	37C	31C	ERGIC3	ERGIC3	764281.6	769040.5	832987.5	1585973	1202550	1388155	596180	769040.5	289211.7	1813383	1043477	1613162
G3H5T7	2	2	7.701036	0.000132	1.765851	37C	31C	Chromobo	CBX1	7440085	7687336	7060803	13771369	13015304	12394420	5803659	7687336	2451497	15746030	11293641	14403440
G3GSW2	1	1	2.402121	0.021225	1.765862	37C	31C	28S riboso	MRPS22	2245102	3614546	2793288	5572079	4339712	5368096	1751299	3614546	969824.3	6371053	3765656	6238214
G3GTB7	1	1	3.425674	0.01782	1.766059	37C	31C	Heterogen	SYNCRIP	61072248	64304072	46010816	1.14E+08	81428486	1.08E+08	47639580	64304072	15974868	1.3E+08	70657133	1.25E+08
G3GUQ6	3	3	8.164128	0.002013	1.766287	37C	31C	Prohibitin-2	PHB2	4418643	5708301	4787694	8565371	8525413	9252740	3446775	5708301	1662278	9793551	7397672	10752523
G3HZE9	2	2	5.226882	0.00014	1.766425	37C	31C	Valyl-tRNA	VARS	2418549	2275926	2256250	3836407	4292261	4149269	1886596	2275926	783365.8	4386506	3724481	4821826
G3GX17	1	1	2.797797	0.020823	1.76902	37C	31C	Polypeptid	GALNT2	3545556	2460656	2895592	5425301	6128849	4193316	2765721	2460656	1005344	6203229	5318125	4873013
G3H1W2	1	1	2.254058	0.009884	1.774077	37C	31C	PEF1	PEF1	2776939	4038003	3488078	6732142	6128105	5418105	2166159	4038003	1211054	7697457	5317480	6296329
G3H9T1	3	3	12.99046	0.001932	1.777984	37C	31C	Dolichyl-di	DDOST	27236616	27529052	28182359	47277146	43523085	56679994	21246000	27529052	9784862	54056164	37765856	65867291
G3IM87	1	1	2.468039	0.002397	1.778854	37C	31C	Uncharacterized protei		4661196	3704628	3653545	7136454	6733326	7510928	3635979	3704628	1268504	8159743	5842642	8728379
G3IJD1	6	6	23.54813	4.83E-05	1.781344	37C	31C	Putative AT	DDX17	21239526	22450049	22701214	38958015	41186462	38120351	16567952	22450049	7881818	44544162	35738321	44299303
G3HRE2	1	1	2.621099	0.024286	1.781907	37C	31C	Apoptotic c	ACIN1	6514100	9689504	8518274	16384380	16143528	11524186	5081342	9689504	2957529	18733718	14008064	13392149
G3HHD8	1	1	2.060909	0.000627	1.78312	37C	31C	Serine/thre	VRK1	5375498	4550039	5280267	9545091	8816888	8751800	4193172	4550039	1833299	10913751	7650591	10170385
G3H6X6	3	3	7.478727	0.000877	1.784056	37C	31C	Utrophin	UTRN	2264607	2517720	2469230	4073425	4807502	4056253	1766513	2517720	857311.8	4657509	4171566	4713734
G3HQN3	1	1	2.840424	0.002848	1.784806	37C	31C	H-2 class I	H2-L	10019753	11909720	9533499	20390651	16728147	19036503	7815937	11909720	3310013	23314444	14515349	22122142
G3H6B2	2	2	5.661374	0.009531	1.787904	37C	31C	Dynamin	DNM2	3004879	3386816	2950771	6889988	5023538	4789906	2343965	3386816	1024502	7877935	4359024	5566305
G3HL13	9	9	34.37788	0.001004	1.788917	37C	31C	60 kDa hea	HSPD1	1.51E+08	1.59E+08	1.68E+08	3.15E+08	2.57E+08	2.82E+08	1.18E+08	1.59E+08	58370127	3.61E+08	2.23E+08	3.28E+08
G3H609	1	1	3.060364	0.035508	1.790042	37C	31C	Glutathion	GSR	15208698	26138670	26547021	41101320	44844017	35588459	11863588	26138670	9217075	46994793	38912055	41357015
G3ICD3	4	4	9.890319	0.001139	1.790769	37C	31C	Lactadherii	MFGE8	12923089	15974010	15389127	25082220	27323515	26900687	10080692	15974010	5343076	28678732	23709163	31261037
G3HF74	1	1	1.966994	0.023389	1.791798	37C	31C	NADH deh	NDUFS7	2131194	3304276	2895414	4035973	5652065	5239221	1662444	3304276	1005282	4614686	4904410	6088449
G3HLR4	1	1	2.21655	0.003295	1.798803	37C	31C	GHITM	GHITM	2528472	2608444	3382933	4993939	5336869	4994721	1972342	2608444	1174548	5710015	4630908	5804319
G3H284	4	4	14.08562	0.000497	1.79929	37C	31C	Endoplasm	ERP29	25715560	23060807	25371166	47022768	45802847	40587272	20059495	23060807	8808821	53765311	39744051	47166090
G3HNK4	1	1	2.836802	0.002274	1.799421	37C	31C	Dihydropyr	DPYSL2	1929569	1967736	1624102	3579118	3413039	2943179	1505166	1967736	563885.3	4092323	2961562	3420240
G3H8A8	1	1	2.974639	0.012412	1.800189	37C	31C	Mesencephalic astrocy		15897583	19900182	16602138	38843648	26604002	28882102	12400955	19900182	5764231	44413396	23084827	33563620
G3HS21	4	4	10.4577	9.92E-05	1.802964	37C	31C	GTP:AMP p	AK3	12978566	12423183	12761465	24481029	21677998	22647871	10123967	12423183	4430756	27991337	18810434	26318880
G3HRC8	1	1	2.329079	0.00108	1.804069	37C	31C	Mitochondı	OXA1L	2147074	2058776	1827369	3271197	3812181	3800968	1674831	2058776	634459.2	3740250	3307906	4417069
G3I994	1	1	2.181732	0.001065	1.804617	37C	31C	Cytochrom	UQCRB	6237262	6728262	7820001	12727958	11949804	12832149	4865394	6728262	2715089	14553006	10369085	14912120
G3I8R9	16	16	71.37864	0.0001	1.804956	37C	31C	endoplasm	GRP78	3.8E+08	3.62E+08	3.62E+08	7.05E+08	6.25E+08	6.62E+08	2.96E+08	3.62E+08	1.26E+08	8.06E+08	5.42E+08	7.7E+08
G3H1K9	4	4	10.85055	0.00036	1.805505	37C	31C	Alpha-actir	ACTN1	4289496	4735975	4484918	8529357	8431759	7431965	3346033	4735975	1557155	9752372	7316406	8636617
G3GXS8	1	1	2.164047	0.000178	1.806915	37C	31C	Prolactin re	PREB	485503.3	434501.7	435642.8	779523.4	848261.5	821754.7	378718.2	434501.7	151254.3	891298.4	736053.5	954953.5
G3HTR9	2	2	6.926254	0.001643	1.808126	37C	31C	Malic enzyı	ME2	4115239	3866224	4837516	7381281	8383296	7413754	3210104	3866224	1679576	8439675	7274354	8615455

G3I7L1	1	1	2.512504	0.001589	1.809281	37C	31C	Transmeml	PLGRKT	2617135	3224363	3240549	5432089	5823253	5176632	2041503	3224363	1125113	6210990	5052954	6015716
G3HW36	7	7	22.44611	0.000126	1.811843	37C	31C	Serine hydr	SHMT2	48975930	49299577	53192803	92243893	86321240	95871650	38203813	49299577	18468440	1.05E+08	74902674	1.11E+08
G3HCI0	2	2	4.771502	0.053	1.817784	37C	31C	Perilipin	PLIN3	3253603	4531917	5087635	10505032	6902077	5993511	2537982	4531917	1766417	12011337	5989071	6965003
G3H0N5	1	1	3.309061	0.038256	1.82063	37C	31C	Syntaxin-binding protei		2634741	4066919	5145761	7148320	8053794	6367657	2055237	4066919	1786598	8173309	6988439	7399795
G3I6S3	1	1	2.253228	0.000679	1.820741	37C	31C	Programme	PDCD4	4020330	3656208	3848546	7797895	6666994	6519309	3136069	3656208	1336208	8916026	5785085	7576028
G3GXN1	1	1	7.663213	0.026658	1.821312	37C	31C	GTP-binding nuclear pr		43797100	82350178	62018436	1.19E+08	1.09E+08	1.15E+08	34164052	82350178	21532683	1.36E+08	94512184	1.33E+08
G3GVM6	1	1	3.313427	0.005	1.822471	37C	31C	60S ribosomal protein l		4397632	4363074	4962022	9755795	8289220	6964264	3430385	4363074	1722805	11154668	7192722	8093106
G3HV92	3	3	7.571888	0.001487	1.823214	37C	31C	DKC1	DKC1	4484396	4960976	4874020	9900338	8402554	7804426	3498066	4960976	1692250	11319937	7291065	9069451
G3HP11	1	1	2.243713	0.014343	1.82571	37C	31C	Protein Nip	NIPSNAP1	4806616	7985733	6101260	11176717	12257307	11060236	3749414	7985733	2118346	12779334	10635912	12852997
G3IBB9	1	1	2.350165	0.049498	1.827688	37C	31C	Nodal mod	NOMO1	727969.1	1188749	921769.1	1930324	2034274	1223273	567854.3	1188749	320036.5	2207111	1765180	1421555
G3HE36	1	1	2.155573	0.000618	1.827752	37C	31C	Serine/thre	SRPK2	942701.7	1067002	1116546	1986399	1955659	1771954	735357.1	1067002	387662.8	2271226	1696965	2059171
G3I3Y7	1	1	3.029374	0.003678	1.831985	37C	31C	Glutathion	GSTP2	1730707	1867083	1358518	3121634	3115613	2842636	1350043	1867083	471674.9	3569242	2703480	3303401
G3GX76	2	2	4.532142	0.009957	1.84061	37C	31C	Mitochondi	SLC25A10	523144.7	612073.2	385252.6	937409.2	944485.6	916698.6	408080.5	612073.2	133759	1071823	819549.1	1065287
G3H510	1	1	2.813859	0.020319	1.842228	37C	31C	Talin-2	TLN1	362331.4	281010.3	239725.8	650064.9	440881.4	535865.2	282637.6	281010.3	83232.35	743277	382561.7	622723.9
G3GY52	6	6	22.53274	0.019211	1.84328	37C	31C	Phosphorit	PFAS	7770116	9398271	7170356	17160982	16508305	11193841	6061101	9398271	2489534	19621676	14324588	13008258
G3IDD4	9	9	39.15478	0.000325	1.845555	37C	31C	SERPINH1	SERPINH1	1.23E+08	1.06E+08	1.1E+08	2.1E+08	1.98E+08	2.18E+08	96197558	1.06E+08	38263874	2.4E+08	1.72E+08	2.54E+08
G3HI57	4	4	11.90059	0.000333	1.845586	37C	31C	Malectin	MLEC	6462070	5738472	6286323	10511773	11613343	11993989	5040756	5738472	2182599	12019045	10077131	13938103
G3H8W5	2	2	14.72861	5.91E-05	1.849107	37C	31C	6-phospho	PFKL	15878805	17455823	16692185	30144788	30201648	32158511	12386307	17455823	5795495	34467216	26206577	37371105
G3HRR7	3	3	12.04084	8.52E-05	1.851953	37C	31C	Mitochondi	TIMM44	3618157	3775035	3342748	6454624	6672828	6755008	2822353	3775035	1160596	7380145	5790147	7849931
G3HJ27	1	1	3.249255	0.002439	1.852624	37C	31C	Coiled-coil	MCU	3043821	3957184	3165185	5891682	6770793	6171659	2374341	3957184	1098946	6736484	5875153	7172027
G3HP69	6	6	23.00121	0.000422	1.853399	37C	31C	Calnexin	CANX	50289695	54258354	50911945	98327838	86644271	1.03E+08	39228620	54258354	17676531	1.12E+08	75182975	1.2E+08
G3I069	1	1	2.249182	0.003451	1.854427	37C	31C	Metastasis	MTA2	1514012	1878093	1898228	2900170	3661884	3248485	1181010	1878093	659061.1	3316022	3177490	3775034
G3H487	3	3	7.045577	0.009408	1.85448	37C	31C	Regulator c	UPF1	1459868	2291186	1967513	3539634	3362268	3703067	1138774	2291186	683116.7	4047179	2917508	4303299
G3GUN0	3	3	8.592273	0.007389	1.855187	37C	31C	Chromodo	CHD4	539638.9	797001	683297	1147833	1224675	1374852	420946.8	797001	237239.4	1312419	1062675	1597703
G3HJK8	12	12	40.51403	5.74E-05	1.857646	37C	31C	MICOS con	IMMT	32195763	30093814	29227299	58877926	55820622	55307433	25114397	30093814	10147663	67320368	48436675	64272251
G3GXR3	1	1	3.282961	0.011758	1.858445	37C	31C	Solute carr	SLC35F6	330753.5	528513.2	392585.8	806679.6	703867.4	815952.2	258005.2	528513.2	136305	922348.6	610759.9	948210.5
G3I2Y1	5	5	12.97121	0.002982	1.861017	37C	31C	Aspartate a	GOT2	22987747	30241340	30975700	50957311	54294075	51455186	17931657	30241340	10754704	58264024	47112060	59795591
G3HZA3	1	1	2.959913	0.030023	1.861269	37C	31C	Inhibitor of	ERLIN1	5317175	7581958	10378995	13137471	15360231	14829159	4147677	7581958	3603568	15021238	13328381	17232827
G3IBK8	1	1	2.481087	0.01744	1.862153	37C	31C	V-type prot	Atp6ap1	1636874	1711746	1126272	2853770	2315886	3163274	1276848	1711746	391039.4	3262970	2009541	3676011
Q6E6J6	1	1	2.51086	0.023823	1.86369	37C	31C	Chromobo	CBX5	1586376	2425945	2810429	3937205	4774811	4003475	1237457	2425945	975775.4	4501756	4143199	4652401
G3H1B2	3	3	7.913945	0.007863	1.863788	37C	31C	Alpha-amir	ALDH7A1	2033747	2845055	3032321	4637708	5244634	4862315	1586430	2845055	1052816	5302704	4550875	5650450
G3HZ92	1	1	5.277428	0.008093	1.868614	37C	31C	NADH deh	NDUFB8	1662967	2030548	2494517	4293248	3697302	3572496	1297202	2030548	866091.7	4908852	3208223	4151564
G3HR08	2	2	5.00616	0.001447	1.871126	37C	31C	Cytosol am	LAP3	3092262	3400156	4025820	6275407	6823042	6582503	2412128	3400156	1397757	7175230	5920490	7649465
G3HIT7	3	3	9.95328	0.002297	1.872066	37C	31C	Microtubul	MAP1B	1064284	1205988	1038499	2394698	1884271	1915269	830197.9	1205988	360564.9	2738071	1635020	2225716
G3IK45	1	1	3.491378	0.00047	1.879992	37C	31C	GPI transar	PIGS	5231568	5716099	5516254	9546816	11432049	9973174	4080900	5716099	1915233	10915724	9919818	11589732
G3HD97	1	1	2.116775	0.021239	1.880756	37C	31C	Thioredoxir	TXNDC5	4503754	7988356	7243320	12443381	11699772	12974385	3513166	7988356	2514867	14227624	10152127	15077411
G3HBN6	1	1	5.862744	0.000195	1.881298	37C	31C	Nucleoside	NME3	793507.3	906690.8	888174.1	1696737	1557666	1615098	618977.6	906690.8	308372.4	1940030	1351618	1876890
G3IEX0	5	5	12.84005	0.002277	1.885289	37C	31C	Prolyl 3-hy	P3H1	2836553	2907204	3693731	5798365	5619539	6374490	2212662	2907204	1282456	6629787	4876187	7407735
G3HXU0	1	1	2.566286	0.004653	1.887989	37C	31C	Tubulin--ty	TTLL12	8608864	9315191	6492194	16243318	14848683	15005597	6715369	9315191	2254077	18572429	12884501	17437864
G3H4M6	1	1	2.345638	0.005302	1.890641	37C	31C	Neurolysin	NLN	729127.4	639190.3	494922.3	1246424	1130675	1145619	568757.9	639190.3	171836.1	1425147	981109.7	1331313
G3GUD9	1	1	3.049672	0.013544	1.892085	37C	31C	Putative lys	LMBRD1	1736693	2873974	2096443	4568452	3825437	4296533	1354712	2873974	727880.9	5223517	3319409	4992961
G3HIP2	5	5	16.77073	0.00028	1.893215	37C	31C	heterogene	HNRNPR	9741463	9175306	8550284	17522913	16127892	18350243	7598856	9175306	2968642	20035504	13994496	21324646
G3HQY6	1	1	2.276198	0.003606	1.896866	37C	31C	Lipase	LIPA	588958	746074.9	554402.4	1210752	1296046	1077207	459418.4	746074.9	192487.5	1384360	1124605	1251813
G3HKQ8	3	3	7.767558	0.000845	1.896965	37C	31C	Putative AT	DHX30	1589633	1835123	1436754	3129829	3023125	3069161	1239998	1835123	498838.4	3578611	2623226	3566643
G3GY44	16	16	56.29561	0.000778	1.897908	37C	31C	Myosin-10	MYH10	14015556	14503841	16756310	30526769	26339654	29062718	10932874	14503841	5817759	34903969	22855447	33773513
G3IMX4	1	1	5.905609	0.000935	1.89792	37C	31C	Mitochondrial import ir		23045689	19928316	18188983	37199381	40607936	38275122	17976855	19928316	6315180	42533359	35236322	44479161
G3GU60	1	1	2.852452	0.03906	1.899128	37C	31C	Phosphatic	PEBP1	21070496	42080004	39658252	69177282	66875301	59194406	16436100	42080004	13769270	79096536	58029043	68789266
G3HQ05	2	2	8.957433	0.000154	1.901152	37C	31C	Succinate-	SUCLG1	9820501	10557445	9120921	18262572	18423521	19395734	7660509	10557445	3166766	20881222	15986460	22539602
G3HU24	3	3	11.19507	0.001361	1.903647	37C	31C	Aflatoxin B	AKR7A2	5545119	5149900	4240893	9339593	9286699	9806411	4325486	5149900	1472430	10678787	8058255	11395939
G3I7M2	9	9	38.0462	1.36E-05	1.905355	37C	31C	Elongation	TUFM	17334577	16692775	17161071	31083370	33384474	33064267	13521886	16692775	5958291	35540381	28968379	38423675
G3HKC0	1	1	2.339991	0.005781	1.905738	37C	31C	Serine/thre	STK38	1039876	711210	854185.7	1686233	1493433	1785299	811157.9	711210	296571.6	1928020	1295882	2074679
G3IB81	1	1	2.305859	0.005796	1.906132	37C	31C	Mitochondi	SLC25A20	5535682	7818175	7479542	11986995	14502698	13221515	4318124	7818175	2596883	13705797	12584283	15364599
G3HTY6	3	3	10.32494	0.000578	1.906255	37C	31C	NADH deh	NDUFS2	4518865	5031724	4028068	8679076	8427122	8778191	3524953	5031724	1398538	9923560	7312383	10201054
G3I0X5	2	2	6.973705	0.002958	1.907881	37C	31C	Epoxide hy	EPHX1	6050197	6410682	4622439	11080483	10891014	10621446	4719473	6410682	1604902	12669302	9450352	12343083

G3I220	7	7	21.63516	0.000618	1.912196	37C	31C	Cytoskelet	CKAP4	48777796	41486199	39849729	86246726	79082841	83473387	38049258	41486199	13835750	98613549	68621770	97003642
G3H748	1	1	2.214945	0.025393	1.913949	37C	31C	Aminopept	ERAP1	1008346	1119118	636333.8	2027105	1747915	1514748	786563	1119118	220933.9	2317770	1516701	1760275
G3GZW7	1	1	2.100996	0.013639	1.918212	37C	31C	RRP12-like	RRP12	443088	637810.1	412091.6	957233.3	1086824	819813.6	345632	637810.1	143077.4	1094490	943059.4	952697.7
G3I131	1	1	2.130518	0.005843	1.918784	37C	31C	BRI3-bindir	BRI3BP	1153707	1627032	1302585	2963527	2537040	2334449	899952.8	1627032	452255.2	3388464	2201441	2712842
G3IPK9	1	1	3.127685	0.026244	1.919908	37C	31C	Adenylate k	AK2	3870834	5021360	3994841	11124208	6693731	6923984	3019455	5021360	1387001	12719296	5808285	8046297
G3IE05	1	1	2.596316	0.013239	1.920632	37C	31C	Transmeml	TMEM109	23152248	28489035	39336848	56750074	55179555	62805908	18059977	28489035	13657679	64887405	47880409	72986159
G3H6D0	1	1	2.246092	0.03047	1.921085	37C	31C	Ribonuclec	RAVER1	2809674	1955561	1980047	5627617	4032571	3298072	2191694	1955561	687468.4	6434554	3499143	3832658
G3HJ94	1	1	2.805743	0.008111	1.922912	37C	31C	Ribosomal	RPS6KB1	1608620	1665298	1157219	2504146	2826922	3189618	1254808	1665298	401784.3	2863213	2452977	3706626
G3H0L9	4	4	16.31347	0.000419	1.928547	37C	31C	Cathepsin	CTSB	25080797	23931593	27243000	53625116	47684153	45752832	19564347	23931593	9458718	61314363	41376498	53168938
G3HD18	1	1	3.154353	0.000282	1.928662	37C	31C	ATP-depen	DDX39A	8806688	10509243	9661948	17883141	18808448	19196954	6869682	10509243	3354610	20447385	16320468	22308601
G3H2C6	2	2	5.057837	0.011284	1.929657	37C	31C	Voltage-de	KCT2	12807732	20875827	17545436	29706182	34912562	34235653	9990708	20875827	6091742	33965719	30294332	39784933
G3HAJ9	1	1	3.057012	0.012306	1.933583	37C	31C	Coiled-coil	CCDC58	4078838	5204212	3212755	9109635	7867162	7184874	3181709	5204212	1115462	10415855	6826495	8349475
G3GXY4	3	3	8.187492	0.003925	1.93577	37C	31C	Regulation	RPRD1B	2029138	1998723	1545705	4022321	3579092	3187729	1582835	1998723	536665.9	4599077	3105650	3704430
G3ICH6	3	3	7.793438	0.00171	1.935858	37C	31C	Calcium-bi	SLC25A24	2226411	2703105	2088983	4231084	4907428	4448308	1736718	2703105	725291	4837775	4258273	5169337
G3H0B5	2	2	5.668411	0.01981	1.937771	37C	31C	Isocitrate d	IDH3A	16869181	29316337	25680620	50334103	39982896	48943092	13158852	29316337	8916263	57551455	34693962	56876309
G3HUQ1	2	2	7.445456	1.27E-05	1.939183	37C	31C	Protein unc	SUN1	1305889	1352915	1252332	2566499	2468923	2548986	1018662	1352915	434807.4	2934507	2142334	2962153
G3GWQ3	5	5	13.12922	0.000953	1.940645	37C	31C	Adenosine	ADK	7491790	9105175	9619392	17260763	17006485	16609401	5843992	9105175	3339835	19735765	14756869	19301629
G3HXF2	1	1	2.372594	0.034681	1.941045	37C	31C	Ras-relatec	RAB23	122894	184054.4	124242	281354.6	352888.4	202717.1	95863.85	184054.4	43136.59	321697.8	306208.4	235575.7
G3I0P3	1	1	3.226928	0.01172	1.941504	37C	31C	WD repeat-	WDR91	629356.7	602185.8	649733.1	1386588	1372449	893466.4	490931.5	602185.8	225586.1	1585409	1190902	1038289
G3HCK3	1	1	2.992397	0.01436	1.943032	37C	31C	ATP-depen	CLPP	8410325	8250963	5391865	16387744	12651097	13811148	6560498	8250963	1872045	18737564	10977611	16049806
G3INR3	1	1	4.088229	0.03407	1.945049	37C	31C	Hepatitis B	virus X-inte	3695343	3265115	1872929	6315110	4942720	5923544	2882562	3265115	650277.3	7220627	4288897	6883695
G3HMV6	1	1	2.229221	0.002984	1.947254	37C	31C	Hydroxyme	HMGCL	4273377	3887822	3999095	6985720	9502228	7191238	3333460	3887822	1388478	7987394	8245274	8356871
G3H953	1	1	3.228015	0.038043	1.947959	37C	31C	KH domain	KHDRBS1	1654765	3250289	2104852	4919186	5145249	3590576	1290804	3250289	730800.5	5624543	4464636	4172574
G3HV88	2	2	4.297347	0.013054	1.950971	37C	31C	FUN14 don	FUNDC2	4077264	6980915	5913756	10651799	10686853	11773103	3180482	6980915	2053245	12179149	9273198	13681413
G3HGF4	2	2	7.810565	0.000564	1.954099	37C	31C	STE20-rela	CCDC47	3606653	3882026	3441437	7151612	6406734	7800179	2813380	3882026	1194860	8177074	5559252	9064515
G3H2P5	1	1	2.135137	0.036407	1.954696	37C	31C	CCR4-NOT	CNOT10	389976.1	368154.4	330937.3	926901.2	469659.2	732235.7	304201.9	368154.4	114900.8	1059809	407532.7	850924.2
G3ID21	2	2	5.544617	0.010809	1.959241	37C	31C	Lysosome i	SCARB2	3866615	3367423	3527368	8986063	5601599	6496524	3016164	3367423	1224696	10274565	4860620	7549550
G3HC79	3	3	8.259795	0.002404	1.960592	37C	31C	Putative al	AARS2	653274	697030.8	516969.4	1135514	1217576	1307873	509588.2	697030.8	179490.8	1298335	1056515	1519867
G3HB38	1	1	2.669953	0.036743	1.968801	37C	31C	Putative AT	DDX47	663891.6	1304989	1304130	1892750	2263417	2287739	517870.6	1304989	452791.5	2164150	1964012	2658560
G3HG25	1	1	3.211569	0.041907	1.974542	37C	31C	Laminin su	LAMC1	1983052	4291364	3710140	7450076	6345025	5919822	1546885	4291364	1288153	8518335	5505706	6879370
G3HII2	1	1	2.784255	0.001777	1.974795	37C	31C	Transmeml	TMTC3	3057589	2240081	2769911	5437960	5162865	5330995	2385081	2240081	961707.9	6217704	4479922	6195100
G3IEB4	1	1	2.204904	0.035426	1.974993	37C	31C	OCIA doma	OCIAD1	1691019	3310245	3419600	5863049	5633803	5134296	1319084	3310245	1187279	6703745	4888564	5966517
G3H3R6	1	1	3.76739	0.004804	1.975093	37C	31C	Kinesin-like	KIF23	1634074	1324317	1110294	2756835	2426802	2852395	1274664	1324317	385492.1	3152135	2105785	3314741
G3GWP1	1	1	2.330141	0.017226	1.976403	37C	31C	Protein trar	SEC24C	4910730	5741811	4528421	13163619	8935666	7904417	3830629	5741811	1572259	15051136	7753657	9185649
G3HD45	1	1	2.744735	0.000262	1.982492	37C	31C	3-ketodihy	KDSR	2343214	2081907	2482250	4462344	4771537	4459923	1827831	2081907	861832.4	5102195	4140359	5182834
G3HYB5	1	1	2.396521	0.008647	1.983002	37C	31C	SET and MY	SMYD5	190360.2	209451.2	171176.4	460735.7	374974.9	296559.1	148491	209451.2	59432.11	526800.1	325373.3	344628.6
G3HZE5	1	1	3.142561	0.011675	1.984008	37C	31C	Heat shock	HSPA1B	52520336	45059867	35216062	96384103	70549605	96535182	40968637	45059867	12226950	1.1E+08	61217310	1.12E+08
G3H7U7	1	1	3.865989	0.003336	1.988129	37C	31C	Electron tra	ETFDH	6194534	5497509	4465372	9692239	11768534	10662254	4832064	5497509	1550369	11081998	10211794	12390506
G3HCV0	1	1	2.545151	0.044022	1.99161	37C	31C	ATP-depen	DDX42	1474020	3213173	1867962	5220290	4164559	3670459	1149814	3213173	648552.7	5968822	3613672	4265406
G3GUQ8	2	2	5.265746	0.013978	1.996664	37C	31C	Lysophosp	LPCAT3	958807.7	1262120	1269314	2407105	1768303	2793433	747920.7	1262120	440703.4	2752257	1534392	3246222
G3H7X9	1	1	2.265856	0.005519	1.997522	37C	31C	Nicastrin	NCSTN	550720.5	736114.6	744120.6	1354146	1163322	1539412	429591.1	736114.6	258357.3	1548315	1009438	1788936
G3I0C6	2	2	5.02136	0.005695	2.006544	37C	31C	Cullin-5	CUL5	1807289	2623217	2436838	4899051	4853289	4027290	1409781	2623217	846065.7	5601521	4211296	4680076
G3HJT5	2	2	7.806384	0.000103	2.006616	37C	31C	Quinone oxidoreducta		1646901	1805119	1627749	3612106	3276351	3304687	1284670	1805119	565151.3	4130042	2842956	3840346
G3HCI9	2	2	6.876415	0.015744	2.008292	37C	31C	Scaffold at	SAFB	3343861	3774161	2171384	6969929	6024312	5661597	2608388	3774161	753900.5	7969339	5227417	6579289
G3HXI0	1	1	2.190732	0.036751	2.012951	37C	31C	Peptidyl-pr	CWC27	889595.8	1703196	1419257	3065260	2966976	2043821	693931.7	1703196	492763.3	3504785	2574504	2375106
G3HLY0	1	1	2.994133	0.023428	2.014242	37C	31C	Tubulin gar	TUBG1	1691811	2104993	1068040	3382657	2947507	3468807	1319702	2104993	370821.6	3867693	2557611	4031069
G3I909	5	5	12.45962	0.000798	2.016147	37C	31C	Delta-1-pyr	ALDH4A1	8626855	10768169	10050310	19053088	18888880	21424153	6729403	10768169	3489449	21785090	16390261	24896808
G3HGQ1	3	3	8.929605	0.000898	2.018121	37C	31C	Cation-ind	IGF2R	1996938	1834075	1997744	4463068	3833751	3466322	1557717	1834075	693613	5103022	3326623	4028180
G3HW44	10	10	28.51683	0.000108	2.023045	37C	31C	Methionyl-t	MARS	6305325	6056483	6193587	11503697	13412516	12622187	4918487	6056483	2150402	13153200	11638310	14668125
G3GX92	1	1	2.689778	0.003087	2.027588	37C	31C	CAMK1	CAMK1	3216831	4218241	3009934	7264092	7450466	6463610	2509298	4218241	1045043	8305683	6464919	7511301
G3H5V7	1	1	2.156346	0.046692	2.028767	37C	31C	CDGSH iro	CISD3	1264024	1925157	746287.5	2636172	2703684	2644293	986005.7	1925157	259109.6	3014170	2346041	3072908
G3HTD0	1	1	3.551981	0.004954	2.038095	37C	31C	Ribonuclea	RNASEH2B	528189.5	649192.2	519904.8	1095683	1387607	975941.3	412015.7	649192.2	180510	1252792	1204055	1134132
G3H8R2	4	4	10.32517	0.000201	2.043021	37C	31C	Mitochondrial	intermec	1448212	1313173	1271527	2540384	2830097	2868845	1129682	1313173	441471.8	2904647	2455732	3333858
G3IGY7	1	1	3.623687	0.000577	2.043614	37C	31C	Estradiol 1	HSD17B11	1514615	1878525	1520078	3262129	3417171	3361424	1181480	1878525	527768.3	3729883	2965148	3906280

G3GZ72	1	1	3.103158	0.046501	2.044866	37C	31C	Coatomer s	COPG2	2544200	3832120	4103938	9140581	7555232	4734914	1984611	3832120	1424879	10451239	6555826	5502399
G3HBE7	5	5	11.606	3.42E-06	2.048657	37C	31C	Acyl-CoA s	ACSF2	6460824	6733489	6776279	13620275	13342206	13950422	5039784	6733489	2352711	15573271	11577301	16211655
G3HKJ6	1	1	3.217075	0.003644	2.052529	37C	31C	Myc box-dependent-int		4209498	4207554	5225355	11029663	8909558	8062212	3283631	4207554	1814233	12611194	7731003	9369022
G3H4B6	1	1	2.622079	0.001005	2.052717	37C	31C	Coiled-coil	CCDC124	3219079	2754604	3642835	6837455	6605801	6296739	2511052	2754604	1264785	7817870	5731986	7317382
G3HQQ3	1	1	2.363375	0.013001	2.054808	37C	31C	Putative pr	DHX16	453819.5	629713.5	376032.1	841679.6	1046733	1110714	354003.2	629713.5	130557.6	962367.1	908271.1	1290751
G3I0C8	6	6	18.57403	0.000188	2.055865	37C	31C	Acetyl-CoA	ACAT1	48594853	42431411	49725238	92076320	98961611	98328105	37906553	42431411	17264508	1.05E+08	85870978	1.14E+08
G3IJB9	3	3	10.40615	0.001248	2.056843	37C	31C	UDP-N-ace	UAP1L1	2300319	2792254	2779383	5082094	6081285	5027996	1794370	2792254	964996.4	5810810	5276853	5842987
G3I4L6	9	9	28.52668	0.000556	2.057895	37C	31C	Pyruvate c	PC	9094287	9778354	9783686	17114782	20691126	21165804	7094024	9778354	3396877	19568852	17954106	24596583
G3HX84	3	3	8.710915	0.004546	2.063342	37C	31C	Gelsolin	GSN	6127622	6899727	4667598	13419809	11951860	11139057	4779869	6899727	1620581	15344060	10370869	12944594
G3ID20	2	2	5.265547	0.000158	2.064554	37C	31C	Nucleoporin	p54	2498072	2523544	2596947	4759198	5302439	5667297	1948628	2523544	901655.2	5441615	4601033	6585913
G3HBN7	2	2	6.480922	0.000782	2.066422	37C	31C	28S riboso	MRPS34	1675342	1532111	1665859	2923436	3385572	3761312	1306855	1532111	578383	3342624	2937729	4370985
G3HLS6	1	1	2.655675	0.041025	2.071073	37C	31C	Serine/threonine-prote		243807.3	587613.8	423998.5	826860.9	978487.8	794716.5	190182.6	587613.8	147211.5	945423.5	849053.5	923532.6
G3H4L1	1	1	2.374479	0.002945	2.074327	37C	31C	3-oxoacyl-[acyl-carrier		118415.4	157617.2	169228.7	326559.2	307204.3	289853.7	92370.25	157617.2	58755.87	373384.2	266567.3	336836.3
G3I432	5	5	13.18236	0.010461	2.084133	37C	31C	ATPase fan	ATAD3	13136015	11403464	10703923	21098134	20340543	32013265	10246786	11403464	3716382	24123372	17649898	37202316
G3I4W7	2	2	8.337427	0.003861	2.084972	37C	31C	Cathepsin	CTSD	60674059	55766522	57524000	1.5E+08	1.11E+08	1.02E+08	47328971	55766522	19972223	1.72E+08	96015896	1.19E+08
G3I7H7	3	3	12.04044	0.000603	2.090783	37C	31C	Acyl-CoA d	ACAD9	5793680	5417830	6392540	11017744	13441423	12347079	4519377	5417830	2219478	12597567	11663393	14348425
G3GVK9	1	1	7.076162	0.013001	2.093658	37C	31C	Centromer	CENPV	3681128	3483658	2159303	6090846	6159613	7270994	2871474	3483658	749706	6964206	5344820	8449554
G3HTK1	1	1	2.046656	0.004425	2.096486	37C	31C	Mitochond	DNAJC19	2393029	1972313	2896331	5132563	4472692	5618741	1866689	1972313	1005601	5868516	3881045	6529487
G3I277	5	5	16.85881	0.003765	2.102608	37C	31C	Dihydrolipc	DLD	5172998	4170213	5117297	9239820	8929872	12235093	4035212	4170213	1776716	10564708	7748630	14218287
G3I0G1	1	1	2.165334	0.047157	2.105872	37C	31C	Transcriptio	BTF3	550450.2	730960.6	320157.2	1282327	847319	1243051	429380.3	730960.6	111158	1466199	735235.8	1444537
G3H6R7	1	1	2.607506	0.022175	2.107291	37C	31C	Sphingosin	SGPL1	539393.7	925210.6	1067294	1591383	1936233	1807831	420755.6	925210.6	370562.5	1819570	1680108	2100864
G3GTM5	1	1	3.149555	0.009199	2.109446	37C	31C	Nucleopori	NDC1	1688529	2809134	2391530	4275162	5185246	5071969	1317142	2809134	830334.6	4888173	4499342	5894088
G3HY07	1	1	2.577623	0.000398	2.109728	37C	31C	Glutathion	GSTT2	5429908	5843501	5061863	10598347	12711549	11153090	4235615	5843501	1757469	12118033	11030067	12960901
G3GZN6	1	1	3.371956	0.000219	2.113583	37C	31C	Zinc finger protein 828		1318248	1259247	1165070	2398649	2770568	2741005	1028303	1259247	404510.2	2742589	2404078	3185296
G3HGT4	6	6	16.86016	0.006385	2.114985	37C	31C	Uncharact	VWA8	2687312	2342065	2429523	4065934	5246840	6462688	2096246	2342065	843525.7	4648944	4552789	7510229
G3HZ73	3	3	9.278429	0.000371	2.116232	37C	31C	Nesprin-3	SYNE3	1424410	1493716	1212703	2775290	2958247	3008254	1111115	1493716	421048.3	3173235	2566931	3495864
G3H9Z1	1	1	2.546303	8.65E-05	2.12038	37C	31C	Microsoma	MGST1	1.53E+08	1.66E+08	1.59E+08	3.12E+08	3.56E+08	3.45E+08	1.19E+08	1.66E+08	55131563	3.56E+08	3.09E+08	4.01E+08
G3I027	12	12	33.91391	7.94E-05	2.120507	37C	31C	Heat shock	TRAP1	18077153	16906170	19378632	37178501	37935818	40160587	14101134	16906170	6728224	42509486	32917672	46670242
G3HVM3	1	1	2.684551	0.004871	2.122084	37C	31C	Protein FAI	WASHC2	1242062	1059577	1008561	2908643	2091508	2024374	968873.9	1059577	350170.6	3325710	1814844	2352506
G3I1J9	1	1	2.579327	0.049634	2.123584	37C	31C	KTEL motif-	POGLUT1	973392.6	827404.1	975760.2	1486945	1410847	2998458	759297.7	827404.1	338782.1	1700157	1224221	3484480
G3HUI7	3	3	12.70058	0.000137	2.123971	37C	31C	Protein ER(	LMAN1	10263401	8983400	8738928	19712731	19263570	20464587	8005995	8983400	3034139	22539318	16715387	23781705
G3H450	1	1	2.158394	0.019016	2.124046	37C	31C	Isocitrate c	IDH3B	3907828	7856985	5160387	11248585	11591089	13110229	3048312	7856985	1791677	12861507	10057821	15235275
G3IPB7	1	1	2.126257	0.001441	2.126247	37C	31C	Golgi SNAP	GOSR2	3322059	2828056	3820142	6527469	7085823	7585940	2591382	2828056	1326346	7463435	6148511	8815550
G3H8R9	2	2	4.840051	0.005992	2.126358	37C	31C	NUP58	NUP58	1620756	2220295	1501719	4401842	3431624	3527177	1264275	2220295	521393.9	5033017	2977689	4098899
G3HBM4	2	2	4.719569	0.028061	2.1355	37C	31C	Calcium-bi	SLC25A13	624532	1334115	866973.8	2346892	1725274	1961949	487168	1334115	301011.7	2683410	1497055	2279963
G3HF87	1	1	2.472352	0.048951	2.139406	37C	31C	Methyl-Cp(	MBD3	367247.7	510731.2	200105.2	934263.5	674775.3	697421	286472.6	510731.2	69476.15	1068226	585516.1	810466.4
G3GWT5	2	2	4.837865	0.002566	2.14619	37C	31C	Negative elongation fa		658383	782422.7	551871.2	1586614	1342834	1347216	513573.5	782422.7	191608.6	1814117	1165204	1565587
G3GZ00	1	1	2.15408	0.007563	2.148381	37C	31C	COMM don	COMMD9	941548.3	1213550	815603.2	2518545	2089189	1774464	734457.4	1213550	283175.9	2879677	1812831	2062089
G3HIT4	1	1	7.574584	0.002541	2.151109	37C	31C	Methylcrot	MCCC2	4601123	6540986	6359718	13139683	12072987	12435663	3589119	6540986	2208082	15023768	10475973	14451368
G3HFZ8	1	1	2.162102	0.017405	2.161595	37C	31C	Synaptosomal-associa		1706589	1734812	933394.8	3368824	3052148	3035567	1331230	1734812	324072.9	3851876	2648411	3527604
G3IDE4	1	1	6.224802	0.000428	2.162901	37C	31C	Tripeptidyl-peptidase 1		12532161	12910145	13142605	31752668	25214612	26488074	9775748	12910145	4563087	36305648	21879226	30781543
G3I5N5	4	4	9.576571	0.000332	2.164502	37C	31C	DNA topois	TOP2A	3886472	4311118	3636315	8159452	9337672	8117384	3031653	4311118	1262521	9329427	8102486	9433137
G3H4S4	1	1	2.830348	0.004732	2.167208	37C	31C	NADH deh	CCT4	5076121	5193367	3394757	9531160	9966854	10115248	3959642	5193367	1178653	10897823	8648439	11754835
G3HGW6	7	7	19.36293	0.004881	2.170633	37C	31C	Laminin su	LAMA5	1140728	1649635	1755192	3064461	3519796	3282474	889828.4	1649635	609399.3	3503871	3054197	3814532
G3H2V9	1	1	2.515241	0.001283	2.174395	37C	31C	28S riboso	Mrps21	1619413	1948704	1686883	3244598	4159792	4022059	1263228	1948704	585682.7	3709837	3609535	4673997
G3HH34	2	2	4.877255	0.010564	2.177745	37C	31C	Collagen al	COL12A1	413362.4	556557.4	370917.7	1181230	774988.2	963784.2	322444.5	556557.4	128781.9	1350605	672472.9	1120005
G3H4X0	2	2	5.816383	0.039144	2.1824	37C	31C	LanC-like p	ACADL	5150183	11699342	11848838	18882014	21576995	22172307	4017415	11699342	4113894	21589485	18722792	25766231
G3IDJ8	1	1	2.197606	0.015285	2.186592	37C	31C	ATP-depen	PFKL	676776.9	936771.4	780509.3	1329058	2310858	1594911	527921.8	936771.4	270991.3	1519630	2005178	1853431
G3I1H5	3	3	22.46753	0.004607	2.186697	37C	31C	LGMN	LGMN	17403734	20500921	16070852	44942141	42114165	30971767	13575832	20500921	5579769	51386346	36543307	35992001
G3I2X8	1	1	2.393661	0.009544	2.194526	37C	31C	CCR4-NOT	CNOT1	286373.2	454036.4	297645.6	712964.6	670716	894358.8	223386.2	454036.4	103342	815195.8	581993.7	1039326
G3IEY9	1	1	4.217196	0.027597	2.198014	37C	31C	14-3-3 prot	YWHAQ	5144424	8171643	8721719	21320461	14862524	12256371	4012922	8171643	3028164	24377579	12896510	14243014
G3GU75	3	3	8.537835	0.019498	2.199741	37C	31C	Translation	GCN1	1040369	2156102	1811838	3549886	3669098	3797998	811542.7	2156102	629066.9	4058900	3183750	4413618
G3H6D9	2	2	6.561796	0.027162	2.202865	37C	31C	DNA (cytos	DNMT1	391318.9	692166.9	354005.9	1311759	978960.4	875880.6	305249.4	692166.9	122910.2	1499851	849463.6	1017853
G3I2S4	4	4	9.905049	0.000493	2.203928	37C	31C	3,2-trans-e	ECI1	3466365	3844911	3341560	7059101	7644985	8774000	2703948	3844911	1160183	8071298	6633707	10196184

G3HDE8	9	9	26.46988	0.000261	2.206891	37C	31C	Phosphoer	PCK2	10232870	10203969	11712482	21818946	23506255	25624843	7982179	10203969	4066551	24947540	20396850	29778390
G3H177	7	7	33.45624	4.3E-08	2.21219	37C	31C	LMAN2	LMAN2	26160312	26100880	25974495	57301807	58500618	57269769	20406425	26100880	9018295	65518250	50762162	66552663
G3I7X1	6	6	16.19487	0.000225	2.21531	37C	31C	Flotillin-2	FLOT2	7869568	8669035	7477055	19028177	16273205	17900748	6138679	8669035	2596019	21756607	14120587	20802292
G3ICJ8	1	1	2.231152	0.009269	2.223008	37C	31C	Isovaleryl-CoA dehydrc		4341156	6851824	6436674	10696771	14431849	14062237	3386331	6851824	2234801	12230569	12522805	16341595
G3H4H4	2	2	6.22399	0.007522	2.225987	37C	31C	Epidermal ¡	EPS15L1	1270833	1378372	1077486	3473313	2680454	2141799	991317.1	1378372	374101.2	3971348	2325884	2488965
G3HCJ1	4	4	16.74432	8.76E-05	2.227372	37C	31C	Lon protea	LONP1	12994302	11572412	12025508	26145426	26182900	29176154	10136242	11572412	4175234	29894390	22719428	33905336
G3HTE5	5	5	17.18573	0.000459	2.232088	37C	31C	Lysosomal	GAA	18614797	20669488	19785264	50247139	41012926	40588388	14520526	20669488	6869406	57452021	35587740	47167386
G3IIE7	4	4	15.88439	0.00048	2.233283	37C	31C	Procollage	PLOD1	5448744	5692074	5784744	11323224	14489368	11986988	4250309	5692074	2008452	12946849	12572716	13929966
G3GZL2	4	4	9.061577	0.000567	2.233459	37C	31C	Aspartyl-tRNA synthet		2076305	2018836	1620360	4094519	4396881	4273940	1619628	2018836	562586	4681627	3815262	4966706
G3HYJ8	2	2	4.777567	0.000401	2.237212	37C	31C	10 kDa hea	HSPE1	43111444	38092706	43634720	1.04E+08	85428464	89735663	33629204	38092706	15149892	1.19E+08	74127995	1.04E+08
G3H3L4	1	1	2.404301	0.007837	2.238961	37C	31C	NADH-cyto	CYB5R1	4711661	5969201	3764115	8952743	10858377	12530614	3675345	5969201	1306894	10236467	9422032	14561709
G3HYS3	1	1	2.790283	0.002606	2.242133	37C	31C	Regulator c	RMDN3	1073339	1496727	1438502	3234193	3111953	2641597	837261.5	1496727	499445.2	3697940	2700304	3069775
G3HQ97	2	2	6.135792	0.002956	2.243036	37C	31C	Golgi integ	GOLIM4	2336411	2290382	1703819	5289026	4110185	4800581	1822524	2290382	591562.7	6047413	3566490	5578711
G3HT22	5	5	15.16471	0.000965	2.243665	37C	31C	Glycerol-3-	GPD2	8098745	10918909	10473024	22447518	22021531	21698167	6317449	10918909	3636214	25666243	19108525	25215237
G3HMB4	12	12	43.75122	2.95E-06	2.247234	37C	31C	2-oxoglutar	OGDH	24031496	23054787	24606061	52715054	54546726	53847662	18745837	23054787	8543178	60273808	47331290	62575864
G3H1Z3	1	1	10.44079	0.003848	2.248819	37C	31C	ATPIF1		31268140	38786472	26675034	83993211	63684602	69849648	24390802	38786472	9261521	96036906	55260409	81171623
G3HF38	1	1	2.874887	0.008428	2.249767	37C	31C	Basigin	BSG	11761943	18465670	17865919	42360511	34485118	31353617	9174937	18465670	6203013	48434538	29923430	36435746
G3H3A2	2	2	4.427564	0.001802	2.259883	37C	31C	Protein AHI	AHNAK2	1420159	2033557	1760381	4171021	3635942	3976286	1107799	2033557	611201	4769099	3154980	4620805
G3HGS0	1	1	2.53091	0.000469	2.261935	37C	31C	Citrate lyas	CLYBL	3331485	3818074	4254557	8495325	9144464	8155584	2598734	3818074	1477174	9713461	7934835	9477528
G3I2J5	9	9	31.56108	0.000212	2.26612	37C	31C	Protein unc	SUN2	4304453	4626900	4959037	9534012	10703653	11239629	3357701	4626900	1721768	10901084	9287775	13061468
G3GRD8	8	8	22.44269	0.000313	2.266464	37C	31C	Isoleucyl-tI	IARS2	7723075	8689456	8108373	16329927	19665156	19580665	6024407	8689456	2815212	18671457	17063851	22754508
G3IG19	3	3	11.68133	0.00027	2.268795	37C	31C	HD domain-containing		2046007	2148795	2488679	5250030	5197247	4716169	1595994	2148795	864064.7	6002826	4509756	5480616
G3I4G1	2	2	4.919302	0.01932	2.280793	37C	31C	Xanthine di	XDH	883270.3	1157666	579377.1	2412458	1779365	1784570	688997.5	1157666	201158.6	2758378	1543991	2073832
G3HNB2	2	2	6.153005	0.023326	2.282419	37C	31C	Coiled-coil	CCDC22	2033988	1753907	935338.4	3392362	3378670	4009368	1586618	1753907	324747.7	3878789	2931740	4659249
G3I973	15	15	75.66482	3.41E-05	2.283963	37C	31C	Hypoxia up	HYOU1	76744540	70762974	72181000	1.78E+08	1.6E+08	1.64E+08	59864796	70762974	25061106	2.03E+08	1.38E+08	1.91E+08
G3HES3	1	1	3.240438	0.030181	2.285231	37C	31C	Exportin-2	CSE1L	1838864	2686557	3287649	5987020	7741624	4126024	1434411	2686557	1141466	6845493	6717562	4794813
G3H559	1	1	5.082696	0.001006	2.286861	37C	31C	Alpha-man	MAN2A1	1225209	1701853	1535976	3443792	3392304	3370253	955727.4	1701853	533288	3937594	2943571	3916540
G3HRG4	1	1	2.764148	0.004545	2.287734	37C	31C	Testis-expr	TEX10	607895.9	814927.3	549551.1	1347603	1399343	1765322	474190.9	814927.3	190803.1	1540834	1214238	2051464
G3HNI4	5	5	17.39707	0.000215	2.290286	37C	31C	Methylmal	ALDH6A1	5072220	5616948	4744202	10994033	11637691	12715099	3956599	5616948	1647178	12570456	10098258	14776098
G3GY22	1	1	2.505723	0.004585	2.30437	37C	31C	Ras-relate	RAB3D	1035641	813134.1	634618.7	1801084	2085958	1835614	807854.4	813134.1	220338.4	2059340	1810028	2133150
G3H9Y3	2	2	5.013352	0.002064	2.313183	37C	31C	TBC1 dom	TBC1D5	524250.8	463957.4	364826.9	1148879	957518.4	1023420	408943.3	463957.4	126667.2	1313616	830857.9	1189307
G3I064	6	6	17.27851	9.05E-07	2.314441	37C	31C	Neutral alp	GANAB	16507326	16422024	16332399	37247612	37527186	39238629	12876587	16422024	5670578	42588507	32563093	45598844
G3H5F2	3	3	9.230476	0.002673	2.330136	37C	31C	Coiled-coil	CCDC93	534190.1	460759.1	347692.1	1082460	1065469	980607.8	416696.5	460759.1	120718	1237672	924528.6	1139555
G3HSW9	1	1	5.457148	0.014317	2.337613	37C	31C	Isocitrate c	IDH3G	7949661	13777414	14516788	23823351	32089988	28810784	6201155	13777414	5040201	27239355	27845128	33480743
G3I6B2	4	4	11.14713	0.000308	2.340032	37C	31C	Methylmal	MUT	4687540	4114928	3837894	9787350	9154006	10637495	3656529	4114928	1332510	11190748	7943115	12361734
G3GVA0	2	2	4.924825	0.003826	2.344628	37C	31C	Golgin subf	GOLGA4	573759.9	838394.9	845750.2	1972180	1576580	1745188	447563.1	838394.9	293642.9	2254969	1368030	2028067
G3HMX6	1	1	2.091236	0.000273	2.344702	37C	31C	NAD(P) tra	NNT	4387231	3649449	4434909	9490927	9369514	10381713	3422272	3649449	1539792	10851821	8130116	12064491
G3I5H4	1	1	2.240009	0.006017	2.351453	37C	31C	Nicotinate	NAPRT	338217.3	230482.7	265228.3	567427.6	582248.2	811267.3	263827.4	230482.7	92086.75	648790.4	505228.5	942766.2
G3IJJ0	1	1	2.663006	0.000206	2.35683	37C	31C	NHP2-like ¡	SNU13	3712708	3047379	3220052	8331255	7577300	7612936	2896108	3047379	1117996	9525864	6574976	8846922
G3IDT6	7	7	26.26235	5.82E-05	2.360453	37C	31C	Protein disı	PDIA4	19828201	19055741	21327205	44726359	50470835	46928373	15467045	19055741	7404765	51139623	43794558	54535023
G3H4W2	2	2	5.121117	0.000337	2.361742	37C	31C	D-2-hydroxyglutarate d		4001538	3591770	4041526	8892518	8272239	10313721	3121411	3591770	1403210	10167607	7177988	11985479
G3HE28	1	1	4.246204	0.004006	2.362396	37C	31C	Mitochondı	PMPCB	3907207	2967789	2569271	6532686	7221001	8557410	3047828	2967789	892045.9	7469401	6265808	9944487
G3H3N6	1	1	3.306752	0.000947	2.363046	37C	31C	Cyclin-Y	CCNY	842115.2	1044107	1160544	2283794	2375063	2540791	656894.4	1044107	402938.8	2611264	2060890	2952629
G3HA11	2	2	6.093059	0.00347	2.36552	37C	31C	Transducin	TBL2	992104.3	1526106	1043081	2763032	3027986	2633289	773893.7	1526106	362155.7	3159220	2627445	3060121
G3GYL3	3	3	8.53821	0.000969	2.376444	37C	31C	NADH dehydrogenase		1665940	2150286	2093703	4863806	4154955	5025855	1299521	2150286	726929.8	5561221	3605338	5840499
G3GS78	2	2	7.644818	0.00043	2.37659	37C	31C	DnaJ-like s	DNAJC3	1320730	1343047	1118083	3126223	2673157	3188552	1030239	1343047	388196.3	3574489	2319552	3705386
G3IHC0	4	4	14.90697	0.001185	2.376903	37C	31C	Isocitrate c	IDH2	9445380	7768849	7718752	18009210	18172431	23081633	7367895	7768849	2679936	20591531	15768584	26822950
G3HWZ6	1	1	3.23745	0.014297	2.378611	37C	31C	Atrial natri	CORIN	1174123	1268390	906274.5	3568805	2449232	1947424	915877.6	1268390	314656.8	4080532	2125248	2263083
G3H4K5	1	1	2.406011	0.021621	2.384661	37C	31C	Histone H2A		12765153	30890685	19544556	50141613	50575793	49994104	9957494	30890685	6785833	57331364	43885632	58097681
G3HRL6	1	1	2.288308	3.85E-05	2.391006	37C	31C	Tetraspanir	CD63	39876658	38884515	44117710	96484402	95220282	1.02E+08	31105901	38884515	15317585	1.1E+08	82624553	1.19E+08
G3GRP9	3	3	6.438106	0.00511	2.396978	37C	31C	AFG3-like p	AFG3L1	448490.4	753441.1	551767.1	1251049	1495129	1457399	349846.2	753441.1	191572.5	1430436	1297353	1693630
G3H3H9	1	1	2.451968	0.047251	2.407227	37C	31C	Aminopept	RNPEP	992639.9	3064599	2212221	5414749	5401235	4276027	774311.6	3064599	768078.9	6191164	4686760	4969131
G3HSV2	1	1	2.231316	0.02727	2.421925	37C	31C	Methyl-CpG	MECP2	289657	286476.6	186814.8	840192.3	599057.1	408554.7	225947.8	286476.6	64861.76	960666.6	519813.9	474777.6
G3H8F4	1	1	2.694616	0.002674	2.426202	37C	31C	Dystroglyc	DAG1	661899.8	449541.8	546839.4	1548153	1222072	1253099	516316.8	449541.8	189861.6	1770141	1060416	1456215

G3H8V5	4	4	18.93861	0.001128	2.430215	37C	31C	Carboxype	Ctsa	7471490	8501940	10402621	22974100	19532991	21592374	5828157	8501940	3611770	26268331	16949169	25092296
G3HFJ5	1	1	6.485327	0.010963	2.433256	37C	31C	Signal reco	SRPRA	627005.8	1103156	590890.6	1785710	1760410	2101595	489097.7	1103156	205156.1	2041761	1527543	2442244
G3IH72	1	1	2.634852	0.049131	2.434178	37C	31C	Ribosome	SBDS	365602.4	1091860	956720.5	2198132	1685390	1993029	285189.2	1091860	332171.5	2513320	1462447	2316080
G3I874	1	1	3.199581	0.029643	2.434523	37C	31C	MACRO do	MACROD1	1503228	1746631	719501	3627251	2715728	3320516	1172597	1746631	249809.4	4147359	2356492	3858741
G3HN13	3	3	9.070431	0.000169	2.43579	37C	31C	Stomatin-li	STOML2	3097894	2703721	3369470	7661639	7356049	7321150	2416521	2703721	1169874	8760234	6382992	8507840
G3H3B9	2	2	6.742765	0.028789	2.443984	37C	31C	Carbonyl r	CBR4	491344	965959.5	479759	1906730	1688724	1138695	383274.3	965959.5	166571.4	2180134	1465339	1323267
G3HF40	1	1	4.818558	0.006276	2.449127	37C	31C	DNA-direct	POLRMT	377065	446793.7	304694.7	1069873	990253.1	703843.9	294130.6	446793.7	105789.4	1223281	859262.5	817930.4
G3H6T5	2	2	4.894503	0.008773	2.45231	37C	31C	Hexokinase-1		376666.7	370052.5	226573.5	687525.5	755475.9	943813.8	293820	370052.5	78665.9	786109	655541.6	1096797
G3HWP9	3	3	8.570315	0.013431	2.456078	37C	31C	Heterogen	HNRNPC	7889855	12515410	12153478	21324480	23649809	34992536	6154504	12515410	4219664	24382174	20521415	40664498
G3HX43	1	1	2.800412	0.021042	2.456759	37C	31C	General tra	GTF2H3	235548.2	259609.6	205182.1	444112.7	429916	846537.5	183740.1	259609.6	71238.85	507793.5	373046.8	983753.4
G3H1B3	2	2	6.686698	0.008357	2.464418	37C	31C	Lamin-L(I)	LMNB1	5067491	8568133	9015739	20681227	17589566	17551642	3952910	8568133	3130247	23646686	15262820	20396599
G3GTG7	2	2	5.778065	0.001731	2.465034	37C	31C	NADPH:ad	FDXR	2129166	1563291	1464467	4592672	4099687	4019632	1660862	1563291	508460.1	5251210	3557381	4671177
G3IMH8	1	1	2.175391	0.002541	2.469832	37C	31C	Metastasis	MTSS1	1103993	710856.4	785386.1	2094908	2275178	2052059	861173	710856.4	272684.6	2395295	1974218	2384679
G3I6U8	1	1	3.166032	0.001009	2.478182	37C	31C	LEM domai	LEMD2	8093467	6529740	5854381	17455885	15360033	17931267	6313332	6529740	2032630	19958865	13328210	20837758
G3GV64	3	3	5.922498	0.000152	2.480951	37C	31C	Mammalian ependymi		5350514	6026935	5893061	15505673	12894808	14446807	4173683	6026935	2046059	17729015	11189084	16788499
G3HPS0	1	1	2.746457	0.03019	2.489984	37C	31C	KASH domain-containi		1653025	1517838	698314.6	3854021	2665171	3114996	1289447	1517838	242453.5	4406645	2312622	3619908
G3GW99	1	1	2.642874	0.006558	2.490172	37C	31C	Zinc finger	ZNF512	961220.8	975316.9	910941.3	2613333	2832601	1644779	749803	975316.9	316277.1	2988056	2457904	1911382
G3H4T5	4	4	10.72251	0.000202	2.494675	37C	31C	Glypican-1	GPC1	3667079	3041764	3107562	8799918	7800154	7888671	2860516	3041764	1078940	10061728	6768350	9167350
G3H9D1	1	1	2.526314	0.021326	2.50068	37C	31C	Acetyl-CoA	ACACA	27207.39	20629.08	25342.8	89116.19	42415.06	51466.72	21223.2	20629.08	8798.973	101894.5	36804.4	59808.99
G3GVX1	2	2	4.941136	0.001938	2.501989	37C	31C	Ribosome-	RRBP1	224628.2	296930.1	232340.6	744801.1	590750.3	550695.4	175221.9	296930.1	80668.22	851597.3	512605.9	639958
G3H7R4	4	4	9.240321	2.31E-05	2.502937	37C	31C	Thioredoxir	PRDX3	4651480	4730676	5101810	11580575	12773181	11898702	3628400	4730676	1771339	13241101	11083545	13827371
G3HQP7	4	4	11.16698	0.000394	2.513224	37C	31C	Flotillin-1	FLOT1	7311376	6866240	5920382	15174598	16897774	18438398	5703259	6866240	2055545	17350467	14662538	21427090
G3HYW4	1	1	2.363189	0.009402	2.517913	37C	31C	Lysosome-	LAMP2	1139511	1366687	1034565	4011495	2674830	2229010	888878.8	1366687	359199.2	4586698	2321004	2590312
G3GRA0	2	2	4.512539	0.002824	2.54144	37C	31C	Lamin-B re	LBR	5631011	8775238	7948485	17012471	19450427	20350316	4392486	8775238	2759699	19451870	16877527	23648912
G3I904	2	2	5.059127	0.002204	2.543894	37C	31C	Uncharact	EMC1	1209949	1857973	1356278	4057818	3481993	3714885	943824.1	1857973	470897.2	4639664	3021395	4317034
G3HUF3	1	1	2.180236	0.008011	2.548211	37C	31C	ATP-bindin	ABCB7	1109362	2103548	1860810	4526567	4269402	4132939	865361	2103548	646069.6	5175626	3704646	4802849
G3H331	4	4	9.963484	0.002201	2.550315	37C	31C	Ras GTPas	IQGAP1	840068.4	970736.2	671093.2	2108718	2404729	1816175	655297.8	970736.2	233002.3	2411084	2086631	2110560
G3HCX5	2	2	10.76924	0.001448	2.55294	37C	31C	Glutaryl-Cc	GCDH	948187	872906.8	988454	1885182	2625745	2661680	739636	872906.8	343189.3	2155497	2278412	3093114
G3H370	1	1	6.592666	0.005358	2.562625	37C	31C	Serine/thre	CDC42BPE	171813.2	232496	286069.2	507323.4	692780	569077.3	134023.4	232496	99322.68	580068	601139.1	661319.4
G3HHF3	4	4	21.02323	0.000447	2.58437	37C	31C	Succinyl-C	OXCT1	13553150	12087633	12647400	36773551	27922156	34255134	10572173	12087633	4391153	42046470	24228616	39807571
G3IMU0	1	1	2.255828	0.010566	2.585057	37C	31C	ADP-ribosy	ARF6	2834173	5407957	3059467	9694231	11056633	8464408	2210805	5407957	1062241	11084276	9594063	9836409
G3H3N8	1	1	2.844528	0.026729	2.589477	37C	31C	WW domai	WAC	482915.1	638102.1	318214.2	1629394	840839	1256624	376699.3	638102.1	110483.4	1863031	729612.9	1460311
G3HQ45	1	1	2.021109	0.001224	2.597302	37C	31C	Eukaryotic	EIF2S3	941447.7	692632.3	887079.4	2085037	2490146	1973031	734379	692632.3	307992.3	2384008	2160749	2292841
G3HLM0	1	1	3.196809	0.000742	2.605995	37C	31C	DCAKD	DCAKD	3299584	2855098	2749433	6466122	8435418	8302537	2573850	2855098	954598	7393292	7319582	9648301
G3H4D2	4	4	14.22796	2.3E-05	2.618364	37C	31C	Glycosyltra	COLGALT1	8125874	8027642	7422832	21332302	19288582	21110585	6338611	8027642	2577193	24391118	16737090	24532414
G3H4E0	1	1	2.597698	0.004859	2.627203	37C	31C	Bone marr	BST2	2747480	2336107	1541642	6236790	5593524	5575507	2143179	2336107	535255.3	7131077	4853613	6479245
G3H8X2	1	1	2.34739	0.00041	2.63901	37C	31C	1-acyl-sn-g	AGPAT3	301290.5	344968.2	266165.2	725513.7	835285.3	847097.2	235022.5	344968.2	92412.07	829544.3	724793.8	984403.7
G3HEE8	1	1	5.410048	0.001871	2.642397	37C	31C	Alpha-L-id	IDUA	775158	766584	524025.8	1940580	1832018	1685980	604664.2	766584	181940.7	2218838	1589679	1959261
G3HIT8	1	1	3.429677	0.036503	2.65901	37C	31C	28S riboso	MRPS27	1075046	3331492	2643635	6936620	6009320	5800542	838593	3331492	917865.1	7931255	5214408	6740755
G3GR85	11	11	30.30486	0.000165	2.665197	37C	31C	PITRM1	PITRM1	6114199	5668306	5316943	13498120	15648302	16426973	4769398	5668306	1846032	15433600	13578346	19089632
G3GYQ9	1	1	2.562933	0.010814	2.675072	37C	31C	Uroporphy	UROD	437928	388439.1	290626.7	679889.9	1109829	1198319	341607	388439.1	100905.1	777378.6	963021.1	1392556
G3I8P7	3	3	7.872574	3.67E-06	2.677663	37C	31C	N-acetylglucosamine-(		2515820	2686982	2619274	7206487	7007976	6730419	1962473	2686982	909406.8	8239818	6080962	7821357
G3HE13	1	1	2.333451	0.026888	2.695753	37C	31C	Borealin	CDCA8	233078.8	352480	136487.7	729186.4	731543.6	485729	181813.8	352480	47388.28	833743.6	634775.1	564461.1
G3HMZ7	2	2	7.811391	4.36E-05	2.696475	37C	31C	Histidine triad nucleoti		4869255	4635091	4181536	12503433	11682521	12717680	3798276	4635091	1451821	14296287	10137158	14779098
G3H1X7	1	1	2.534808	0.017636	2.697059	37C	31C	Trans-2-en	MECR	1549606	3446390	2585005	5448721	6648860	8348825	1208774	3446390	897509	6230007	5769349	9702092
G3I664	1	1	2.547281	0.000673	2.707104	37C	31C	Procollage	PCOLCE	1692824	1811846	2143179	4470222	4987110	5831986	1320492	1811846	744107.8	5111202	4327416	6777297
G3H6T7	2	2	4.733931	0.009756	2.714599	37C	31C	ATP-depen	SUPV3L1	533791.1	860497.5	395676.6	1641186	1636124	1581729	416385.3	860497.5	137378.2	1876514	1419698	1838112
G3HES6	2	2	6.011785	0.000245	2.716824	37C	31C	Putative AT	DDX27	570319.3	577674.7	631997.3	1384087	1715862	1735975	444879.2	577674.7	219428.3	1582549	1488888	2017360
G3I775	3	3	9.591514	0.002949	2.734358	37C	31C	UPF0195 protein FAM9		1809871	1968253	1621529	6182005	4806303	3776274	1411795	1968253	562991.8	7068436	4170525	4388372
Q9HB90	1	1	2.343649	0.00112	2.736401	37C	31C	Ras-relate	RRAGC	1032497	1334406	1311979	3727902	2804791	3534204	805402.4	1334406	455516.6	4262442	2433774	4107065
G3GWD3	1	1	2.484749	0.000129	2.739331	37C	31C	Alpha-man	MAN2B2	2522567	2043790	2158466	5877124	6484055	6060335	1967735	2043790	749415.4	6719839	5626345	7042659
G3I7H8	2	2	5.537418	0.000281	2.741233	37C	31C	Methylcrotonoyl-CoA c		2469915	2389183	2148299	5677855	6242658	7288390	1926664	2389183	745885.2	6491996	5416880	8469770
G3H902	1	1	2.370964	0.02972	2.741665	37C	31C	Prostaglan	PTGFRN	183129	248643.9	558314.1	900437.7	1006815	807234.3	142850.3	248643.9	193845.6	1029550	873633.5	938079.4
G3GVF5	1	1	2.291432	0.008327	2.748225	37C	31C	Sorting nex	SNX8	603693	435053	303458.8	1399765	1235415	1053501	470912.5	435053	105360.3	1600476	1071994	1224263

G3I6V1	2	2	5.490575	0.001487	2.748935	37C	31C	Uncharacte	UQCC2	2185143	1645716	2523820	5611672	6306691	5550233	1704527	1645716	876265.6	6416324	5472442	6449874
G3H397	1	1	2.490825	0.040879	2.791534	37C	31C	Non-specif	AKT1	256594.4	872677.5	287623.6	1466356	1359557	1129398	200157.2	872677.5	99862.37	1676616	1179715	1312463
G3HKR3	1	1	2.832697	0.02867	2.806869	37C	31C	Tyrosine-pr	PTPN23	426653	440602.3	881246.1	1510372	2277128	1120315	332811.8	440602.3	305967	1726943	1975910	1301907
G3HXK8	2	2	8.592188	7.87E-05	2.860183	37C	31C	Prenylcyste	PCYOX1	2814519	3145722	2759460	7640087	9045271	8254581	2195473	3145722	958079.2	8735591	7848763	9592572
G3HAH3	2	2	5.703889	6.83E-05	2.872932	37C	31C	Dihydrooro	DHODH	2157223	2437506	1994813	6419435	6457006	6054866	1682748	2437506	692595.2	7339911	5602874	7036303
G3I757	2	2	5.458025	0.006727	2.892968	37C	31C	ADP-ribosy	ARL3	1190331	2225662	1220551	5036786	4106965	4269622	928521.4	2225662	423772.9	5759005	3563696	4961688
G3I413	1	1	3.131497	0.023337	2.893893	37C	31C	Hexosyltra	B3GALT6	176055.2	507314.3	215093.9	843151.9	808064.3	948840.6	137332.4	507314.3	74680.2	964050.6	701173.7	1102639
G3HKX9	2	2	8.94701	0.001306	2.908469	37C	31C	Polypeptid	GALNT7	586520.5	741118.7	497653.3	1618685	2014814	1675308	457517	741118.7	172784.3	1850787	1748295	1946860
G3H3X1	1	1	2.658688	0.015511	2.923452	37C	31C	Apoptosis-	AIFM1	161736.4	355025.8	142307.7	658170.5	618590	649998.1	126162.9	355025.8	49408.95	752544.9	536763	755356.7
G3GYM8	3	3	9.976623	0.002291	2.925297	37C	31C	Fatty-acid	FAAH	1776575	2621379	1679551	5301453	6760943	5716110	1385822	2621379	583136.8	6061623	5866606	6642638
G3HLT6	1	1	2.458818	0.010104	2.938206	37C	31C	GPI transar	PIGT	337931.6	472131.2	222038.2	907106.7	891646.4	1233773	263604.5	472131.2	77091.22	1037176	773699.5	1433756
G3HW34	3	3	8.199042	0.000367	2.940171	37C	31C	Prolow-der	LRP1	2311236	2751277	2982999	8867000	7315272	7472909	1802886	2751277	1035691	10138429	6347609	8684197
G3H604	1	1	2.706861	0.000286	2.958051	37C	31C	Alpha-gala	GLA	4174972	3700399	3250427	11768326	9801172	11341183	3256699	3700399	1128542	13455774	8504674	13179482
G3HCJ8	1	1	3.772047	0.040375	2.968856	37C	31C	tRNA-dihyd	DUS3L	817180	956976.6	348974.9	2750847	2212774	1339650	637443.6	956976.6	121163.4	3145288	1920069	1556795
G3GZX7	1	1	2.237205	0.041519	2.980752	37C	31C	Phosphatic	PI4K2A	126375.8	103390.8	297737.3	327973.2	681701.7	562683	98579.78	103390.8	103373.8	375000.9	591526.2	653888.7
G3HR63	4	4	12.03789	0.000578	3.000109	37C	31C	Protein car	CNPY3	6284305	5160521	6849665	20324455	15875564	18685449	4902090	5160521	2378191	23238756	13775546	21714185
G3HK73	1	1	2.268064	0.004451	3.012828	37C	31C	Negative el	NELFA	670541.1	757378	429224.8	2100238	1937577	1557439	523057.5	757378	149026	2401389	1681274	1809886
G3I1T8	1	1	3.771861	0.019127	3.026679	37C	31C	ATP-depen	NAXD	1947582	2493285	995065.8	6812794	4293292	5346735	1519217	2493285	345485	7789673	3725376	6213391
G3HV73	10	10	34.03985	2.44E-05	3.032407	37C	31C	Poly [ADP-r	PARP1	9215012	8005426	8786458	27787396	25578265	25497828	7188197	8005426	3050642	31771800	22194774	29630788
G3IDU7	6	6	14.90253	0.000648	3.069131	37C	31C	Beta-glucu	GUSB	1475831	2046798	2055449	5973045	5903543	5243261	1151226	2046798	713648.1	6829514	5122623	6093144
G3IEG5	1	1	2.887182	0.024543	3.078934	37C	31C	Valacyclov	BPHL	1782910	2608389	846430.4	5513078	4401527	6212017	1390764	2608389	293879	6303592	3819294	7218927
G3HM63	1	1	3.337085	0.045014	3.079476	37C	31C	A-kinase ar	AKAP8	332765.9	727329.3	334047.3	2310719	1049944	932564.1	259575	727329.3	115980.6	2642051	911057.7	1083724
G3HV15	1	1	2.236741	0.046708	3.081704	37C	31C	Syntaxin-bi	STXBP1	94420.19	89347.68	26491.83	159142	255738.3	233077.8	73652.74	89347.68	9197.912	181961.2	221909.3	270857.5
G3GR95	1	1	2.246053	0.031704	3.085764	37C	31C	La-related	LARP4B	406972.8	651520.8	465965.2	2344755	1517488	841877.2	317460.3	651520.8	161782.2	2680967	1316755	978337.6
G3HY74	1	1	4.603848	0.009802	3.114042	37C	31C	BCL2/aden	BNIP3L	183905	347884	383571.3	937846.3	1128938	783685.9	143455.6	347884	133175.2	1072323	979601.9	910714.1
G3HJQ9	1	1	3.739753	0.017744	3.119163	37C	31C	[Pyruvate dehydrogena		169220.6	173037.5	79463.06	312336.9	525795.4	477285	132001	173037.5	27589.42	357122.6	456243.2	554648.5
G3H5Q3	1	1	2.343952	0.019159	3.141315	37C	31C	DNA mism	MSH2	148184	447102	288426.1	824303.3	997188.7	954525.7	115591.3	447102	100141	942499.2	865280.6	1109245
G3H083	1	1	2.034893	0.039686	3.144161	37C	31C	Abhydrolas	ABHD10	285858.4	699579.5	151096.4	1136116	1270847	1166484	222984.7	699579.5	52460.38	1299022	1102740	1355560
G3HKC1	1	1	2.846516	0.04041	3.156689	37C	31C	Serine/thre	STK38	152106	619024.6	166203.5	1106748	946779	905344.9	118650.7	619024.6	57705.53	1265444	821539.2	1052093
G3HMU4	1	1	3.114965	0.017862	3.167455	37C	31C	Chloride in	CLIC4	2801853	6687498	6258716	20576812	12879960	16424525	2185593	6687498	2173014	23527299	11176200	19086787
G3I5D6	1	1	3.630209	0.006422	3.173808	37C	31C	UPF0366 protein C11o		259732.8	355083.7	165630.9	923446.1	802286.4	751257.9	202605.3	355083.7	57506.74	1055858	696160.1	873029.8
G3HAA1	1	1	2.529054	0.000785	3.174446	37C	31C	Heterogeneous nuclea		3996405	3206176	4966820	12457267	12914743	13259094	3117407	3206176	1724470	14243501	11206382	15408269
G3I216	1	1	2.351652	0.010813	3.207519	37C	31C	Triosephos	TPI1	1154527	1558332	930488	5185789	3947182	2553136	900592.4	1558332	323063.6	5929373	3425049	2966976
G3GVA5	1	1	3.005459	0.041383	3.244027	37C	31C	Phosphoin	PLCD1	636531	917850.8	209411.5	1683714	2216708	1821372	496527.8	917850.8	72707.26	1925140	1923482	2116599
G3I881	2	2	7.879225	0.015619	3.252707	37C	31C	Peptidylpro	FKBP2	278856.8	135271.9	381501.1	881772.8	937757.4	768420.5	217523	135271.9	132456.4	1008209	813710.9	892974.3
G3GV42	3	3	12.8647	4.89E-06	3.269136	37C	31C	Asparagin	NARS	3126158	2829767	2878483	9562463	9362169	9956251	2438568	2829767	999403.9	10933614	8123742	11570066
G3HS69	2	2	10.28499	0.000735	3.30151	37C	31C	DnaJ-like s	DNAJA3	5036793	4423833	3359142	14546310	12770930	15007354	3928965	4423833	1166288	16632090	11081593	17439906
G3HDW6	2	2	4.53034	1.03E-05	3.303032	37C	31C	Succinate-	ALDH5A1	1032577	1119198	1072787	3335517	3785386	3529928	805464.7	1119198	372469.6	3813794	3284656	4102096
G3H9Q1	2	2	8.544812	0.000252	3.314606	37C	31C	UPF0474 p	ERGIC1	1599855	1851862	1376271	5015552	5143235	5844093	1247971	1851862	477838.6	5734726	4462888	6791366
G3H5X0	1	1	2.245448	0.016547	3.321302	37C	31C	F-box/LRR-	FBXL20	112086.7	189098.4	63996.4	341207.5	457806.5	413863.7	87433.52	189098.4	22219.43	390132.9	397247.9	480947.1
G3GT68	1	1	2.906498	0.000454	3.330458	37C	31C	28S riboso	MRPS6	449307.3	358381.3	356576.3	1320752	1095383	1461400	350483.4	358381.3	123802.6	1510133	950486.1	1698279
G3IEF1	3	3	8.552023	0.004489	3.330947	37C	31C	Ferritin	FTH1	695530.8	902296.9	574903.1	3188489	1849464	2199299	542550.8	902296.9	199605.3	3645683	1604817	2555785
G3HEZ7	1	1	2.238321	0.036418	3.341889	37C	31C	Cell divisio	CDC23	181552.7	547132.8	233510.5	933424	1578814	703313.6	141620.7	547132.8	81074.41	1067267	1369969	817314.1
G3HX92	1	1	2.3346	0.011402	3.341965	37C	31C	Protein arg	NDUFAF7	689672.2	807047.7	316991.6	2038227	1974774	2048359	537980.7	807047.7	110058.9	2330486	1713551	2380379
G3I7H3	1	1	4.379662	0.00103	3.345513	37C	31C	GDH/6PGL	H6PD	920570.4	1214551	803976.9	3127405	2939156	3766232	718093.5	1214551	279139.3	3575841	2550364	4376703
G3I4D4	2	2	9.725665	0.001594	3.349697	37C	31C	Ribonuclea	RNASET2B	1430915	1650393	1977132	7021529	5384354	4538362	1116189	1650393	686456.6	8028339	4672112	5273988
G3GYD5	2	2	6.1019	0.032189	3.351505	37C	31C	Compleme	C1QBP	3114048	7327037	1890717	16003027	10293238	15033834	2429122	7327037	656453.2	18297684	8931649	17470678
G3I2L9	1	1	5.911262	0.000375	3.352512	37C	31C	Sulfatase-r	SUMF2	1348660	1380302	1014322	4451963	4289470	3807970	1052026	1380302	352170.6	5090325	3722060	4425206
G3HBI1	6	6	17.34862	3.04E-06	3.366042	37C	31C	Peroxidasir	PXDN	2195935	2093795	2033606	6842166	7030915	7411534	1712945	2093795	706064.3	7823257	6100867	8612875
G3GSJ8	1	1	2.66155	0.024555	3.370826	37C	31C	Disks large	DLG1	197490.8	354395.6	143699	805820.4	1058542	480335.5	154053.3	354395.6	49892.01	921366.1	918517.9	558193.3
G3I130	1	1	2.792864	0.01138	3.378755	37C	31C	Putative AT	DHX37	294215.9	533822.5	215918.8	1120274	977078.2	1429924	229503.9	533822.5	74966.58	1280909	847830.4	1661701
G3HI59	4	4	11.8228	0.002928	3.37896	37C	31C	Short-chair	ACADS	1140344	1982212	1892039	5014278	6444534	5485304	889528.5	1982212	656912.4	5733270	5592052	6374421
G3HWT7	6	6	17.38191	1.46E-05	3.389282	37C	31C	FYVE and c	FYCO1	916178.6	1021682	949037	3468988	3254045	3061475	714667.7	1021682	329503.8	3966403	2823601	3557712
G3IBW2	1	1	2.422122	0.001064	3.412155	37C	31C	Cytochrom	COX15	755666.3	1205476	969046.6	3088540	3719784	3189934	589459.6	1205476	336451.1	3531403	3227731	3706992

G3HMN4	1	1	2.928593	0.03955	3.427189	37C	31C	Omega-am	NIT2	1137777	1341985	385771.4	4630723	2799799	2390203	887526.2	1341985	133939.1	5294717	2429442	2777633
G3I6T1	2	2	4.970602	0.000818	3.432018	37C	31C	Phospholip	PLBD2	888566.3	792741.1	808250.2	2561355	2370582	3612269	693128.7	792741.1	280622.9	2928625	2057002	4197784
G3H6Z2	1	1	2.467933	3.32E-05	3.447371	37C	31C	Monoacylg	ABHD12	442556.9	462437.1	513269.4	1730291	1654562	1504427	345217.8	462437.1	178206.2	1978395	1435697	1748281
G3HD84	4	4	13.63478	0.000141	3.509028	37C	31C	3-hydroxyis	HIBADH	5221534	4996776	4168280	18663259	15533867	16285829	4073072	4996776	1447219	21339363	13479048	18925609
G3HTF0	1	1	3.064859	0.010396	3.592906	37C	31C	N-sulphoglucosamine		664869	1204200	445663.5	2637817	2491850	3186950	518633	1204200	154733.5	3016051	2162229	3703525
G3I4Z5	1	1	2.658282	0.015595	3.631281	37C	31C	ADP-ribosy	GGA1	137412	355590.1	227834.7	1178253	807454.9	631853.1	107188.7	355590.1	79103.78	1347202	700644.9	734270.6
G3HNI0	1	1	2.742012	0.008373	3.672761	37C	31C	Ectonucleoside triphos		392765.8	1019527	507844.2	2303929	2461379	2286897	306378.1	1019527	176322.5	2634287	2135788	2657581
G3I2M0	2	2	4.775853	0.00156	3.685899	37C	31C	Sulfatase-r	SUMF2	797209.8	814056.8	539998.5	3189388	2527447	2212510	621865.8	814056.8	187486.4	3646711	2193117	2571137
G3INL9	1	1	1.951475	0.028263	3.70354	37C	31C	CMP-N-ace	ST3GAL1	1396289	1730385	425986.7	4297521	4619978	4239924	1089179	1730385	147901.8	4913738	4008848	4927176
G3H6B1	1	1	3.165513	0.00059	3.741987	37C	31C	Transmeml	TMED1	302633.6	208665.4	292614.4	1131142	919231.7	957859.1	236070.2	208665.4	101595.2	1293336	797635.8	1113119
G3I1E0	5	5	12.95734	3.4E-06	3.745623	37C	31C	Propionyl-(	PCCB	2860461	3057590	2877585	10351911	11370100	11223126	2231311	3057590	999092	11836260	9866064	13042289
G3HQ51	1	1	2.551449	0.000264	3.757812	37C	31C	[Pyruvate d	PDK3	1345307	1071884	1065663	3980671	5060279	4046961	1049411	1071884	369996.2	4551455	4390906	4702935
G3H8W6	4	4	19.65446	0.000256	3.764722	37C	31C	Autoimmur	D10JHU81	9549503	13040304	13274093	46817681	43406532	44793396	7449117	13040304	4608740	53530817	37664720	52053987
G3H346;G	1	1	2.073793	0.038988	3.79659	37C	31C	ADP-ribosy	ARL8B	2559059	2790793	584123.6	7720771	6982020	7826079	1996201	2790793	202806.6	8827844	6058439	9094613
G3H761	1	1	2.919158	0.043024	3.816306	37C	31C	Tetratricop	TTC37	100314.7	108287.9	25428.86	290831	205733.7	396570.8	78250.75	108287.9	8828.852	332532.9	178519.3	460851.3
G3HGS2	3	3	11.04227	2.29E-05	3.835019	37C	31C	Propionyl-(	PCCA	1859083	2213390	1921216	7309169	8008979	7667763	1450183	2213390	667042.4	8357223	6949552	8910636
G3GXH7	1	1	2.451188	0.018124	3.837088	37C	31C	Sterile alpha motif dom		151980	353246.9	100335.9	928449.4	697721	697427.6	118552.5	353246.9	34836.44	1061579	605426.5	810474.1
G3IEU2	1	1	2.503829	0.015792	3.838313	37C	31C	Protein DJ-	PARK7	3989265	4152985	1953132	18955826	8822653	10970755	3111837	4152985	678123.6	21673881	7655593	12749011
G3HM82	2	2	4.246432	0.000717	3.841162	37C	31C	Sister chro	PDS5B	213268.1	315070	263929.8	1202346	913427.9	927455.2	166360.4	315070	91635.91	1374749	792599.7	1077787
G3I5A4	2	2	8.877249	0.003432	3.85186	37C	31C	Annexin	ANXA5	2730321	2503443	2126846	13063645	8698123	6590274	2129795	2503443	738437	14936826	7547536	7658495
G3GXZ0	7	7	20.29184	0.000192	3.85423	37C	31C	Protein-glu	TGM2	3664413	4904061	4318170	16018733	18469501	15179864	2858436	4904061	1499261	18315642	16026357	17640378
G3HMV7	1	1	3.185689	0.000744	3.863558	37C	31C	Alpha-L-fuc	FUCA1	4473053	3196665	3879948	12758149	13711563	18153096	3489218	3196665	1347110	14587526	11897799	21095544
G3IN86	3	3	12.93471	0.000665	3.954536	37C	31C	DPP7	DPP7	1127891	1471871	1681333	5736690	6396364	4796687	879814.5	1471871	583755.6	6559268	5550254	5574185
G3HIM1	4	4	11.32024	0.000487	4.0275	37C	31C	Basement ı	HSPG2	607106	741897.4	941326.8	2972757	2879790	3371757	473574.7	741897.4	326826.9	3399017	2498852	3918288
G3HPU1	1	1	2.390218	7.19E-05	4.031192	37C	31C	Aspartyl/as	ASPH	1089058	1259878	1037526	4932208	4054065	4665205	849522.6	1259878	360227	5639432	3517794	5421391
G3ILP2	1	1	2.240241	0.012985	4.120395	37C	31C	Lipoyl syntl	LIAS	253855.4	687169.8	320636.4	1985303	1189066	2024175	198020.6	687169.8	111324.3	2269974	1031777	2352275
G3IH84	1	1	2.491559	0.000674	4.130433	37C	31C	ARSA	ARSA	1239428	1450999	962888.6	5514791	4173338	5401646	966819.1	1450999	334313.1	6305551	3621290	6277203
G3I5R3	1	1	2.343205	0.001115	4.209827	37C	31C	NADH dehydrogenase		125472.3	174747.5	104006.6	615339.4	475544.4	610839.5	97875	174747.5	36110.91	703572.3	412639.5	709850.9
G3I732	2	2	5.940289	0.001888	4.245693	37C	31C	DNA polym	POLD1	141541.8	217294.6	114509.6	705002.1	730269.6	574410.1	110410.1	217294.6	39757.52	806091.5	633669.6	667516.6
G3HNJ3	7	7	20.44624	0.000362	4.275281	37C	31C	Clusterin	CLU	12837083	9526757	9568074	49577697	38162002	48778211	10013603	9526757	3322017	56686588	33113936	56684703
G3HQR9	4	4	10.22287	0.000286	4.326481	37C	31C	Estradiol 1	HSD17B8	663760.2	551145.3	442261.4	2217173	2401494	2551034	517768	551145.3	153552.3	2535091	2083824	2964533
G3I230	1	1	3.104365	0.000551	4.407659	37C	31C	Oligoribon	REXO2	479512.4	654666.4	445660.4	1995329	2716907	2251157	374045	654666.4	154732.5	2281437	2357515	2616048
G3I6V2	1	1	3.218662	0.004353	4.536247	37C	31C	Inositol 1,4	ITPR1	506612.6	869395.7	1070848	3405400	4754217	2939929	395184.6	869395.7	371796.5	3893696	4125330	3416464
G3HWE4	3	3	8.115172	0.003025	4.560726	37C	31C	Nidogen-1		1047926	2138592	1013171	6503877	5965095	6684661	817437.8	2138592	351771	7436461	5176033	7768182
G3HKV9	1	1	2.228325	3.28E-05	4.689145	37C	31C	Group XV p	PLA2G15	256791.9	206724.1	228098	1032963	1172120	1037995	200311.3	206724.1	79195.19	1181078	1017072	1206245
G3HCL7	1	1	2.515403	0.00062	4.742224	37C	31C	GPR108	GPR108	1332280	1471504	1175859	7445131	4646645	6780584	1039248	1471504	408256	8512681	4031987	7879653
G3GUB2	1	1	2.538293	0.000772	4.801821	37C	31C	Cytoplasm	DYNC1I2	34552.46	24939.61	28487.93	104406.7	157369.1	160688.4	26952.75	24939.61	9890.954	119377.5	136552.3	186734.5
G3I3H9	1	1	2.538591	0.002744	4.88685	37C	31C	Chitinase c	CHID1	143486.8	291064.5	163301.3	1081165	762898.8	1077553	111927.3	291064.5	56697.89	1236192	661982.6	1252214
G3GY87	1	1	3.111862	0.001058	4.897676	37C	31C	TMEM256	TMEM256	2906508	1940387	3197362	13418303	10573244	15406620	2267230	1940387	1110118	15342339	9174616	17903889
G3I7E7	1	1	2.899728	0.003123	4.959758	37C	31C	Extended s	ESYT2	1144184	930558.7	513806.1	5108697	3708551	4021327	892524	930558.7	178392.5	5841227	3217985	4673146
G3H6V7	7	7	28.29281	4.4E-05	5.134899	37C	31C	Lipoproteir	LPL	9627916	9628483	12017282	56544211	49050784	54992196	7510283	9628483	4172378	64652024	42562351	63905917
G3GT65	1	1	2.848386	0.045332	5.241547	37C	31C	ATP syntha	ATP5O	183932.5	532191.4	959571.5	1982079	1627627	5173531	143477.1	532191.4	333161.4	2266287	1412324	6012112
G3HSQ6	1	1	2.264544	0.01875	5.302025	37C	31C	Uncharacterized protei		33587.38	90256.93	17226.74	305585.4	214665	227711.8	26199.93	90256.93	5981.091	349403	186269.2	264621.7
G3ILB1	1	1	8.858272	0.00221	5.31034	37C	31C	Thioredoxir	TMX1	1067596	1125919	2301210	8055988	8143176	7669357	832781.3	1125919	798975.8	9211127	7065997	8912488
G3HA51	1	1	4.380224	0.000157	5.428128	37C	31C	Procollage	PLOD3	642858.5	746001.4	492075.4	3323986	3525351	3360622	501463.6	746001.4	170847.7	3800608	3059018	3905348
G3IGU8	1	1	2.390841	0.012974	5.459848	37C	31C	N-acetylgalactosamine		132890.8	214141.1	533152.5	1498984	2054993	1251695	103661.8	214141.1	185109.5	1713922	1783159	1454583
G3I8U4	1	1	2.055207	0.004089	5.555193	37C	31C	EMILIN-2 (I	SMCHD1	471370.5	391426.7	216357.6	1371638	2434700	2188575	367693.9	391426.7	75118.96	1568315	2112638	2543323
G3HXN7	2	2	4.977811	0.008732	5.635547	37C	31C	Beta-hexos	HEXB	683206	592793.6	200441.5	2661032	2796369	2863153	532936.8	592793.6	69592.9	3042595	2426465	3327243
G3I3U5	2	2	4.424834	0.000687	5.649844	37C	31C	Nidogen-1	NID1	673807.2	1175837	698979.7	5240021	4482667	4676640	525605.2	1175837	242684.4	5991382	3889701	5434680
G3HZ50	1	1	2.901743	0.02269	5.802724	37C	31C	Succinyl-C	SUCLA2	304463.5	888038.1	140764.4	2899358	1817387	3019829	237497.6	888038.1	48873.12	3315093	1576984	3509316
G3I7L3	2	2	4.720435	0.011799	5.804689	37C	31C	Endoplasm	ERMP1	92707.15	381948.8	297406.1	1547805	1412595	1521179	72316.47	381948.8	103258.8	1769743	1225737	1767748
G3GT82	1	1	2.575824	0.002752	6.103453	37C	31C	Prolyl 3-hyc	P3H2	1048323	450806.8	478057.9	3366657	4239427	4461589	817747.4	450806.8	165980.8	3849399	3678636	5184771
G3GV85	1	1	3.101013	0.014747	6.107209	37C	31C	Dolichyl-di	STT3B	571367.9	1113822	207319.2	3974111	3449072	4134763	445697.1	1113822	71980.82	4543955	2992829	4804969
G3HXX3	1	1	2.158699	0.01067	6.294769	37C	31C	Tensin-3	TNS3	53081.94	120483	36989.19	618688.5	435063.6	271637.7	41406.72	120483	12842.58	707401.6	377513.4	315667.7

G3H683	1	1	3.237965	0.044867	6.351529	37C	31C	Small subu	UTP20	13324.72	147619.5	10136.64	537842.1	263724	285058.7	10393.98	147619.5	3519.422	614962.7	228838.6	331264.1
G3HZE3	1	1	3.658087	0.017871	6.600653	37C	31C	Sialidase-1		650661.2	1035923	195538	5345862	4276930	2800446	507550.1	1035923	67890.44	6112399	3711178	3254373
G3H2P3	2	2	5.311337	3.39E-05	7.013996	37C	31C	Beta-galac	GLB1	1150058	1043094	1292840	8999622	8394879	7056233	897106.1	1043094	448871.7	10290068	7284405	8199982
G3GZ66	1	1	2.16637	0.043357	7.349778	37C	31C	Transmeml	TMEM209	205768.5	368738.8	22352.83	1402048	1305503	1679239	160510.3	368738.8	7760.861	1603087	1132811	1951428
G3I0N6	1	1	2.417132	0.006093	7.517197	37C	31C	Coiled-coil	CCDC6	15176.64	40385.95	17690.59	221979.8	107010	221668.7	11838.58	40385.95	6142.14	253809.3	92854.71	257599.2
G3I7V6	1	1	3.439777	0.001652	7.526968	37C	31C	MOGS	MOGS	234999.4	220374.9	100504.3	1499027	1384192	1300861	183312	220374.9	34894.89	1713971	1201091	1511718
G3H241	1	1	2.823409	0.036685	7.545675	37C	31C	p2X purinoceptor 7		31727.99	123123.4	6999.065	323976	392315.2	504979.8	24749.51	123123.4	2430.062	370430.5	340419.8	586832.3
G3GYC4	1	1	3.508322	0.009601	7.694134	37C	31C	Mitochondı	SLC25A11	120671.7	366330.7	589978.3	3186398	2386667	2713368	94130.3	366330.7	204839.3	3643292	2070959	3153180
G3HMM2	3	3	12.80079	0.001211	7.699827	37C	31C	Peptidyl-pr	PPID	2376433	1823965	1033942	13723698	11691352	14888466	1853743	1823965	358982.9	15691524	10144821	17301747
G3HEN9	1	1	1.984771	0.001629	7.882538	37C	31C	Septin-5	SEPTIN5	495349.5	328081.1	195275.8	3115094	2402941	2511958	386398.8	328081.1	67799.38	3561764	2085080	2919123
G3H2I1	1	1	2.152947	0.000299	7.947042	37C	31C	Beta,beta-(	BCO2	193868.9	264278.5	171040.6	1315704	1986165	1698314	151228	264278.5	59384.97	1504361	1723436	1973594
G3HMU3	2	2	8.539288	1.05E-05	8.177091	37C	31C	Serine/argi	SRRM1	357284.7	380628.4	409651.7	3543114	2977407	2863220	278700.9	380628.4	142230.3	4051157	2583556	3327322
G3HXM0	1	1	3.312516	0.001827	9.414613	37C	31C	NFU1 iron-·	GFPT1	302965.2	290329	275653.9	4112698	2574753	1493359	236328.9	290329	95706.51	4702414	2234165	1735419
G3HXT9	1	1	2.228286	0.014541	9.454654	37C	31C	Translocator protein		34981.87	21673.71	18982.09	383204.5	252782.5	79140.9	27287.7	21673.71	6590.547	438151.8	219344.5	91968.9
G3HQP2	1	1	2.98856	0.008867	9.946508	37C	31C	Valyl-tRNA	VARS2	35021.96	95343.9	220348	1312526	1105190	1070663	27318.98	95343.9	76504.4	1500727	958995.3	1244208
G3HRK9	2	2	4.676284	0.000377	11.67921	37C	31C	Matrix met	MMP19	471825.4	516460.4	669250.5	5355002	4909069	9094650	368048.8	516460.4	232362.5	6122850	4259698	10568808
G3I9L7	1	1	2.327582	0.000859	13.86956	37C	31C	EGF-contai	EFEMP1	78590.41	174651.4	205516.6	1910896	2307069	2144814	61304.67	174651.4	71354.97	2184897	2001890	2492468
G3HVP7	2	2	4.779399	5.67E-05	15.46935	37C	31C	NHL repeat-containing		101547.1	131938.5	100371.8	2017445	1336209	1810903	79212.09	131938.5	34848.89	2306725	1159455	2104433
G3H8C9	5	5	14.96116	0.000664	15.7028	37C	31C	Semaphori	SEMA3B	59464.14	134490.6	56664.15	1358154	1489005	1088259	46385.17	134490.6	19673.68	1552898	1292040	1264656
G3HYG2	3	3	8.730026	3.74E-06	15.79697	37C	31C	Eukaryotic	EIF4A2	536473.3	540263.2	517810.5	7487249	8030987	9670778	418477.5	540263.2	179782.8	8560838	6968648	11238321
G3I5H6	2	2	4.403863	0.008776	16.07962	37C	31C	Gasdermin-D		11645.67	81385.41	9527.954	524799.5	579885.6	544424.8	9084.237	81385.41	3308.088	600049.9	503178.4	632671
G3GRS9	1	1	3.841109	0.001667	17.5102	37C	31C	N-acetylgalactosamine		80645.5	22260.45	63428.15	966140.9	1050667	895735.2	62907.75	22260.45	22022.13	1104675	911685	1040925
G3H3P8	3	3	8.26541	0.001816	18.19658	37C	31C	Beta-hexos	HEXA	60509.49	205286.3	196056.5	3117643	2996015	2290476	47200.6	205286.3	68070.46	3564678	2599702	2661741
G3IBF4	2	2	5.132177	7.64E-05	18.39888	37C	31C	Serine prot	HTRA1	186939.6	225246	329090.5	4679956	4041227	4917471	145822.8	225246	114259.6	5351010	3506654	5714547
G3H777	2	2	4.944955	0.062509	19.04504	37C	31C	ADP/ATP tr	SLC25A5	250763.1	202005.5	344460.1	721265.2	1566958	12895026	195608.5	202005.5	119595.9	824686.6	1359681	14985189
G3HP71	1	1	3.849437	9.17E-05	19.45712	37C	31C	Heterogen	HNRNPH1	87448.56	141888.3	162295.5	2511050	2640839	2468146	68214.5	141888.3	56348.67	2871107	2291509	2868209
G3I419	1	1	2.697048	0.009014	22.77958	37C	31C	tRNA pseu	PUSL1	255994.7	205200.5	26956.31	3088358	3133406	4898123	199689.4	205200.5	9359.178	3531194	2718919	5692063
G3H8I7	1	1	2.719753	0.001461	25.00446	37C	31C	EEF1A lysine methyltra		25804.43	40649.48	82410.17	1503376	1508409	710482.5	20128.82	40649.48	28612.66	1718943	1308877	825645.1
G3H8V4	3	3	7.174434	7.54E-07	27.1176	37C	31C	Phospholip	PLTP	278165	268535.7	287185	6676623	7926269	8010085	216983.4	268535.7	99710.1	7633976	6877783	9308445
G3GUX9	1	1	2.730078	0.000169	30.24015	37C	31C	Metalloend	BMP1	15750.33	23874.23	30034.56	842914.2	770410.2	493178.1	12286.09	23874.23	10427.94	963778.7	668500.4	573117.6
G3HMD2	2	2	4.930617	0.00132	30.65662	37C	31C	Sulfide:qui	SQOR	117271.1	41574.96	27405.15	1509968	2326874	1872989	91477.62	41574.96	9515.015	1726481	2019075	2176583
G3GZL8	1	1	2.11562	0.121147	32.51258	37C	31C	28S riboso	MRPS14	4664.658	14798.28	0	269979.8	118408.5	244401.9	3638.68	14798.28	0	308691.9	102745.4	284017.2
G3I9Z3	1	1	2.982498	6.26E-07	Infinity	37C	31C	Ribose-phc	PRPS1	0	0	0	543180.9	272754.9	255530.5	0	0	0	621067	236674.9	296949.6
G3HXV1	1	1	2.833038	0.000102	Infinity	37C	31C	UPF0668 p	CJ076_MO	0	0	0	136162.3	11469.84	28556.25	0	0	0	155686.4	9952.609	33184.95
G3HCG1	1	1	2.804603	6.35E-05	Infinity	37C	31C	Hepatoma·	HDGFL2	0	0	0	475939.3	42239.87	272980.5	0	0	0	544183.7	36652.39	317228
										Normalized abundance						Raw abundance					
										31C			37C			31C			37C		

									Normalized abundance						Raw abundance								
									31C			37C			31C			37C			Tags		
Accession	Peptide co	Unique pep	Confidenc	Anova (p)	Max fold ch	Highest me	Lowest me	Description	DR_31degr	DR_31degr	DR_31degr	DR_37degr	DR_37degr	DR_37degr	DR_31degr	DR_31degr	DR_31degr	DR_37degr	DR_37degr	DR_37degr	Anova p-va	Max fold change >= 1.5	
G3H9P3	1	1	3.896461	1.19E-06	Infinity	31C	37C	Serine/thre	141131.4	68295.41	63715.79	0	0	0	102912.1	54362.86	48102.39	0	0	0	x	x	
G3HKA5	1	1	3.241299	1.37E-06	Infinity	31C	37C	Sorting nex	95953.56	71167.34	39918.74	0	0	0	69968.67	56648.91	30136.76	0	0	0	x	x	
G3HX93	1	1	2.431324	2.06E-06	Infinity	31C	37C	CCAAT/enh	14496.84	6504.106	8230.296	0	0	0	10571	5177.242	6213.483	0	0	0	x	x	
G3H510	1	1	3.229765	3.49E-06	Infinity	37C	31C	Talin-2 |TLI	0	0	0	15056.59	10481.9	5893.007	0	0	0	20999.22	10030.62	6030.926	x	x	
G3H4Q7	1	1	4.547766	4.50E-06	Infinity	37C	31C	Ras-relatec	0	0	0	6885.38	4102.766	10824.92	0	0	0	9602.943	3926.127	11078.26	x	x	
G3GTX5	1	1	4.876067	7.61E-06	Infinity	37C	31C	Amyloid-lik	0	0	0	4764.243	14523.93	10236.35	0	0	0	6644.624	13898.62	10475.92	x	x	
G3IK55	1	1	6.259491	1.14E-05	Infinity	37C	31C	Importin su	0	0	0	79663.72	183162.3	38924.34	0	0	0	111105.9	175276.5	39835.32	x	x	
G3GSP9	1	1	11.45558	1.24E-05	Infinity	37C	31C	Protein disı	0	0	0	37876.11	55973.13	170593.7	0	0	0	52825.28	53563.28	174586.2	x	x	
G3IDP5	1	1	2.078764	1.37E-05	13.47966	31C	37C	CYR61 |CY	30381.43	23633.8	23395.04	1846.673	2121.653	1774.419	22153.93	18812.4	17662.14	2575.529	2030.308	1815.947	x	x	
G3HCK7	1	1	2.73318	2.97E-05	Infinity	31C	37C	General tra	41332.86	40010.67	8777.32	0	0	0	30139.64	31848.32	6626.46	0	0	0	x	x	
G3IEY9	1	1	4.429145	3.48E-05	Infinity	37C	31C	14-3-3 prot	0	0	0	17108.93	89284.38	100061.9	0	0	0	23861.59	85440.36	102403.7	x	x	
G3GXU6	1	1	4.354962	4.79E-05	Infinity	37C	31C	Uncharacte	0	0	0	7779.632	41451.77	8338.82	0	0	0	10850.14	39667.12	8533.981	x	x	
G3H8Q6	1	1	6.128596	6.10E-05	Infinity	37C	31C	Importin su	0	0	0	15952.82	82340.25	11274.81	0	0	0	22249.17	78795.21	11538.68	x	x	
G3I2B6	1	1	5.137098	6.69E-05	Infinity	37C	31C	Serine/thre	0	0	0	13366.26	131326.4	44477.7	0	0	0	18641.73	125672.4	45518.65	x	x	
G3I916	1	1	2.730852	7.02E-05	Infinity	37C	31C	THEM6 |TH	0	0	0	49263.56	9528.746	6992.057	0	0	0	68707.19	9118.499	7155.699	x	x	
G3I863	3	3	8.742703	9.78E-05	5.527184	31C	37C	Ephrin type	104337.7	84694.78	82442.27	14110.12	18623.92	16382.24	76082.31	67416.69	62240	19679.19	17822.1	16765.64	x	x	
G3I000	5	5	21.9208	0.0001	2.154109	37C	31C	Aldehyde d	103562.1	106465.2	117345.6	234305.5	222525.4	248366	75516.75	84745.86	88590.33	326782.6	212944.9	254178.8	x	x	
G3H8Y5	4	4	14.96971	0.000103	4.624218	31C	37C	Collagen al	40114.82	47936.85	36920.25	9345.28	7942.828	9737.413	29251.45	38157.53	27873.04	13033.73	7600.861	9965.306	x	x	
G3HQP6	1	1	2.920739	0.000107	8.927104	31C	37C	IER3 |	56990.3	43847.28	35098.28	5318.766	4983.167	4925.386	41556.93	34902.25	26497.54	7418.008	4768.624	5040.659	x	x	
G3IJQ0	1	1	3.585612	0.000108	3.14362	31C	37C	COBW dom	207989.6	178438.3	163471.2	61253.42	56362.33	57309.64	151664.6	142036.2	123413	85429.29	53935.73	58650.91	x	x	
G3ILP6	1	1	3.877687	0.000114	Infinity	37C	31C	Membrane-	0	0	0	18578.61	121703.3	11006.5	0	0	0	25911.33	116463.5	11264.1	x	x	
G3GVK9	2	2	8.310993	0.00012	1.991351	37C	31C	Centromer	89843.78	90514.19	90339.9	195370.9	166748.6	176935.1	65513.46	72048.92	68202.33	272481	159569.4	181076.1	x	x	
G3IKW4	3	3	9.936356	0.000131	4.37235	31C	37C	GDP-L-fuc	157674.6	175054.6	166441.6	38427.54	44190.4	31547.37	114975.2	139342.7	125655.5	53594.36	42287.84	32285.7	x	x	
G3H3D3	3	3	10.35781	0.000155	1.519218	37C	31C	Branched-c	99848.99	94049.92	99624.44	154089.5	142464.2	149372.3	72809.19	74863.35	75211.72	214906.5	136330.6	152868.2	x	x	
G3HIS0	1	1	5.947784	0.000161	Infinity	37C	31C	26S protea	0	0	0	7666.361	85912.83	92454.25	0	0	0	10692.17	82213.97	94618.04	x	x	
G3IKA0	1	1	3.497005	0.000165	1.791905	31C	37C	Frataxin, m	1217454	1132595	1247982	628543.6	685246	694146.3	887758.9	901540.9	942167	876620.9	655743.7	710392	x	x	
G3HHR3	24	24	112.5291	0.000172	1.610426	31C	37C	Vimentin |\	44879544	43004067	41905308	28306520	26669184	25617212	32725853	34231059	31636517	39478707	25520979	26216753	x	x	
G3HYG2	4	4	16.12443	0.000174	5.039146	37C	31C	Eukaryotic	33577.04	34743.49	37966.74	214778.3	175688.7	145130	24484.14	27655.67	28663.09	299548.3	168124.7	148526.6	x	x	
G3HDQ9	1	1	2.69037	0.000181	8.634365	31C	37C	Hexosyltra	10880.14	16475.3	13733.95	1690.362	1269.258	1799.201	7933.72	13114.27	10368.48	2357.524	1214.612	1841.309	x	x	
G3HF44	3	3	10.71627	0.000195	2.297532	31C	37C	Paralemmi	163230.7	147334.4	167668.8	73509.11	71935.06	62707.02	119026.7	117277.6	126582	102522.1	68837.99	64174.61	x	x	
G3HXL9	3	3	9.824524	0.000208	4.358017	37C	31C	AP2-associ	8564.105	7130.273	9329.813	41381.59	31164.16	36510.12	6244.886	5675.668	7043.566	57714.32	29822.43	37364.59	x	x	
G3I3J1	5	5	12.86003	0.000228	2.319206	37C	31C	Asparagine	53559.12	65300.69	61802.09	136392.5	134106.7	148493.1	39054.94	51979.08	46657.64	190224.7	128332.9	151968.4	x	x	
G3HQ51	1	1	4.241416	0.000232	Infinity	37C	31C	[Pyruvate d	0	0	0	45336.58	7234.036	3124.262	0	0	0	63230.3	6922.585	3197.381	x	x	
G3HM82	1	1	3.398399	0.000245	Infinity	37C	31C	Sister chro	0	0	0	2600.836	38213.32	22401.79	0	0	0	3627.349	36568.1	22926.08	x	x	
G3HV73	12	12	39.76534	0.000248	2.057243	37C	31C	Poly [ADP-r	246888.8	232122.9	244139.4	551489.9	462861.7	473345.6	180029.6	184768.9	184313.6	769155.3	442933.8	484423.7	x	x	
G3GSG0	1	1	3.232759	0.00025	3.184369	31C	37C	Mid1-intera	25970.5	21940.11	22094.7	6304.478	7503.141	8176.424	18937.51	17464.24	16680.45	8792.767	7180.104	8367.784	x	x	
G3HB92	2	2	7.416507	0.00026	2.727607	37C	31C	Leucine-ric	50226.69	44977.43	53170.86	151583.7	132252.4	120872.6	36624.95	35801.85	40141.47	211411.6	126558.4	123701.5	x	x	
G3I766	3	3	14.15055	0.000261	79.14213	31C	37C	Carboxylic	273116.1	175843.1	393859.2	4741.523	1933.26	3974.645	199154.4	139970.4	297345	6612.936	1850.026	4067.667	x	x	
G3HAR3	3	3	8.210853	0.000271	3.479436	31C	37C	RNA-bindir	140713	122591.5	102743.8	34403.49	38286.52	32513.32	102606.9	97582.33	77566.65	47982.07	36638.15	33274.26	x	x	
G3I255	16	16	78.49853	0.0003	3.099903	31C	37C	L-lactate d	69706376	56420664	73038150	23356750	21505939	19386148	50829407	44910615	55140335	32575332	20580031	19839859	x	x	
G3HRD0	2	2	5.589952	0.000318	2.815295	37C	31C	Matrix meta	22039.7	28644.09	25694.96	77976.49	66179.67	70872.53	16071.2	22800.58	19398.47	108752.7	63330.4	72531.22	x	x	
G3GSQ5	2	2	5.321488	0.000324	18.40821	31C	37C	Poly [ADP-r	63144.39	48005.94	47079.43	2596.906	4170.446	1828.255	46044.45	38212.53	35542.73	3621.869	3990.893	1871.043	x	x	
G3I5D6	2	2	5.309762	0.000356	5.147846	37C	31C	UPF0366 p	5413.503	6469.074	8929.574	36914.57	35570.83	34652.35	3947.489	5149.356	6741.405	51484.24	34039.38	35463.34	x	x	
G3H9C3	2	2	7.601855	0.000366	3.738395	31C	37C	Nucleolar c	150096.2	137211.8	116858.6	42324.19	30706.13	35082.06	109449.1	109220.1	88222.73	59028.96	29384.12	35903.11	x	x	
G3IKA3	3	3	9.650873	0.000369	6.442833	31C	37C	Perilipin |P	91332.1	55208.54	81105.7	13158.33	10470.23	11704.71	66598.74	43945.77	61230.95	18351.73	10019.45	11978.65	x	x	
G3HCI0	1	1	4.093937	0.000372	2.635431	31C	37C	Perilipin |P	68115.62	77913.39	81225.14	173316.4	209669.2	215927.1	49669.44	62018.73	61321.13	241721.9	200642.2	220980.7	x	x	
G3HUF0	1	1	3.521214	0.000378	Infinity	37C	31C	HMGB1 |	0	0	0	89410.37	7486.968	4420.569	0	0	0	124699.4	7164.626	4524.028	x	x	
G3H393	2	2	4.640513	0.000407	1.600532	31C	37C	Inverted for	110900.1	124748.6	119632	77904.96	71895.78	72175.96	80867.58	99299.38	90316.51	108653	68800.41	73865.15	x	x	
G3I129	1	1	9.529094	0.000409	10.46175	31C	37C	Ubiquitin ||	1780770	1278444	1138112	146395	92914.96	161896.8	1298525	1017636	859220.3	204175.1	88914.63	165685.8	x	x	
G3IDU3	1	1	3.171478	0.000413	1.636885	31C	37C	MICOS con	81310.66	78689.57	79461.56	44513.37	50774.08	51003.72	59291.17	62636.57	59989.7	62082.17	48588.07	52197.41	x	x	
G3HQ99	2	2	10.59742	0.000447	2.691583	31C	37C	Programme	447503.5	381247.3	333700.5	135686.2	141909.8	154287.9	326316.5	303471.3	251928.1	189239.7	135800.1	157898.8	x	x	

G3IHH9	1	1	3.845023	0.000516	1.506752	37C	31C	37C	Isoamyl ac	48663.36	49105.16	50308.91	71532.16	71349.24	80234.54	35484.99	39087.5	37980.84	99764.91	68277.39	82112.34	x		x
G3HA24	1	1	8.89068	0.000531	1.568162	37C	31C	37C	Heat shock	5148841	4806398	4617438	3290434	3019333	2983074	3754499	3825873	3485947	4589122	2889340	3052889	x		x
G3I4A0	1	1	1.748216	0.00054	9.475178	37C	31C	37C	Actin, gam	60927.06	43834.21	44264.34	5008.807	3594.863	7124.332	44427.59	34891.85	33417.48	6985.713	3440.091	7291.069	x		x
G3HAP6	1	1	12.25142	0.000564	2.102564	37C	31C	37C	Acetyl-coe	344167.6	326684.3	388094.2	668779.2	804753.2	752969.4	250964.6	260039.4	292992.7	932737	770105.7	770591.8	x		x
G3HWN7	3	3	13.25965	0.00057	1.584777	37C	31C	37C	Phosphoin	70453.97	76129.2	68723.44	106913.1	113855.1	120444.6	51374.55	60598.52	51882.94	149110.3	108953.2	123263.5	x		x
G3HVZ2	1	1	2.226026	0.000572	7.31347	37C	31C	37C	Protocadhe	76374.95	62583.62	60233.5	7795.863	12660.16	6780.305	55692.08	49816.3	45473.43	10872.78	12115.1	6938.99	x		x
G3IGU3	1	1	2.207706	0.000577	5.129771	37C	31C	37C	LAS1-like p	62686.46	59249.17	49206.06	9496.292	14643.82	9222.337	45710.53	47162.1	37148.24	13244.35	14013.35	9438.175	x		x
G3HSQ5	1	1	4.025481	0.000615	Infinity	31C	37C	37C	mRNA cap	526.2034	2594.263	10676.71	0	0	0	383.7039	2065.023	8060.409	0	0	0	x		x
G3GX55	8	8	33.0295	0.000629	2.232233	37C	31C	37C	Brain-spec	2705228	2301817	2077792	1054865	1112878	1006136	1972634	1832237	1568635	1471205	1064965	1029684	x		x
G3I948	2	2	10.15678	0.000654	1.664576	37C	31C	37C	Eukaryotic	27624333	24063009	23941680	14730692	14814214	15889490	20143472	19154056	18074831	20544691	14176408	16261366	x		x
G3HWP9	5	5	28.03238	0.000661	1.545636	37C	31C	37C	Heterogene	1368840	1418360	1328361	2064449	2002885	2293826	998148.5	1129009	1002850	2879258	1916653	2347510	x		x
G3HDE8	6	6	20.24632	0.000666	1.790926	37C	31C	37C	Phosphoer	269748.9	262078.2	282361.5	542513.4	457745.3	457892.8	196699	208613.1	213169.5	756635.8	438037.7	468609.2	x		x
G3HR63	5	5	18.84312	0.000675	1.892514	37C	31C	37C	Protein car	426754.4	497061.9	487994.5	955258.6	901949.2	814663.6	311186.3	395659.2	368412.7	1332286	863117	833729.9	x		x
G3HWC3	20	19	93.24476	0.000683	1.893985	31C	37C	37C	EZR | EZR	4213637	3908909	4319371	2200330	2411645	1957201	3072555	3111475	3260920	3068769	2307815	2003007	x		x
D5FGC9	3	3	17.00232	0.000684	14.55031	37C	31C	37C	RNA-bindir	5087898	3885163	4382067	164798.2	403469.4	349590.9	3710060	3092573	3308252	229841.7	386098.6	357772.7	x		x
G3HLV2	2	2	7.064471	0.000709	4.282043	37C	31C	37C	5'-nucleoti	107757.4	88449.17	80468.26	25211.7	16456.47	22944.64	78575.93	70405.17	60749.71	35162.4	15747.96	23481.63	x		x
G3H8Z7	1	1	2.488183	0.000722	2.007284	37C	31C	37C	Ubiquitin-c	67781.56	68927.59	79908.02	33252.6	34952.61	39710.37	49425.85	54866.07	60326.76	46376.93	33447.77	40639.75	x		x
G3H8Z0	2	2	6.589275	0.000749	10.2119	37C	31C	37C	GDP-fucos	8080.74	4880.099	4872.493	84655.16	48054.92	49402.06	5892.42	3884.538	3678.501	118067.4	45985.98	50558.26	x		x
G3HBE9	3	3	10.20671	0.000757	1.640868	31C	37C	37C	Leucine-ric	3460838	3252089	2980385	2093820	1907997	1905613	2523619	2588650	2250049	2920221	1825851	1950212	x		x
G3HBI9	6	6	16.90231	0.000761	1.5849	37C	31C	37C	Leukotrien	236469.6	239827.1	273355.7	387843.8	411444.7	388835.2	172432	190901.4	206370.5	540920.3	393730.5	397935.5	x		x
G3HV80	2	2	6.012708	0.000814	2.530102	37C	31C	37C	Vesicle-ass	37343	42592.83	42971.46	118999.1	87057.99	104910.9	27230.26	33903.72	32441.41	165966.4	83309.83	107366.2	x		x
G3GVY7	5	5	22.83044	0.000825	1.771949	31C	37C	37C	Nardilysin	602651.4	645119	554250.4	363989.9	341724.7	311256.2	439449.3	513512.1	418432.7	507651.6	327012.2	318540.8	x		x
G3GSG4	1	1	2.168698	0.000878	1.542999	37C	31C	37C	Renin rece	97065.8	96142.57	108850.8	148865	163742.7	153469.2	70779.71	76529.09	82177.19	207619.9	156693	157061	x		x
G3IBX8	1	1	3.879	0.000906	6.065267	31C	37C	37C	N-acetyl-D	750619.8	882268.5	733086.6	85838.34	134983.2	169264.3	547346.8	702282.1	553445.5	119717.5	129171.7	173225.7	x		x
G3HG95	14	14	68.69384	0.000921	1.801351	31C	37C	37C	Lamin-A/C	4560598	3895907	4828796	2454872	2386662	2533653	3325557	3101126	3645511	3423775	2283907	2592950	x		x
G3HID0	5	5	23.3196	0.000943	1.515861	37C	31C	37C	Dolichyl-di	762709.1	768359.3	817604.9	1221315	1090302	1248646	556162.2	611610.8	617252.9	1703350	1043361	1277869	x		x
G3GX92	2	2	7.395677	0.000951	1.737167	37C	31C	37C	CAMK1 | CA	113765.4	112804.7	130085.4	192285.9	223217.3	204066.8	82956.94	89792.04	98208.31	268178.5	213607	208842.8	x		x
G3H4D2	3	3	12.75846	0.000961	2.272319	37C	31C	37C	Glycosyltra	215804.5	191891.6	259523.8	540283.1	477264.9	498588.4	157363.2	152744.9	195928.1	753525.2	456716.9	510257.3	x		x
G3H3H9	6	6	14.98601	0.000982	1.808251	37C	31C	37C	Aminopept	184325.2	214391.1	232276.3	375358.5	390113.4	375521.2	134408.7	170654.5	175357.6	523507.3	373317.6	384309.8	x		x
Q60456	4	4	13.82822	0.000999	1.829196	31C	37C	37C	Tubulin bet	1697218	1359783	1416295	828533.7	824771.3	792193.8	1237600	1082382	1069235	1155544	789261.9	810734.2	x		x
G3GZ76	1	1	1.727888	0.001031	2.034682	31C	37C	37C	Zinc finger	783400.9	822845.2	679756	339842.5	417728	365947.4	571250.5	654981.3	513183.5	473973.6	399743.3	374511.9	x		x
G3I937	1	1	3.429359	0.001036	35.75092	37C	31C	37C	Iron-sulfur	629.8038	318.4564	1127.649	36403.62	20246.23	17565.81	459.2486	253.49	851.3213	50771.62	19374.56	17976.92	x		x
G3ICW1	2	2	6.457972	0.001057	1.505814	31C	37C	37C	Osteoclast	829053	786925.6	709387.4	514713.4	501978.6	527566.1	604539.7	626389.5	535553.8	717863.6	480366.6	539913.2	x		x
G3GT82	2	2	5.976154	0.001076	3.311583	37C	31C	37C	Prolyl 3-hy	6043.483	8659.91	8727.129	22129.19	27476.82	27986.12	4406.866	6893.253	6588.568	30863.27	26293.84	28641.11	x		x
G3GSN8	1	1	2.449185	0.001084	1.566246	37C	31C	37C	Integrin bet	106257.5	108282.2	121683.9	170926.3	186978	168704.5	77482.2	86192.18	91865.55	238388.5	178927.9	172652.9	x		x
G3GWU6	1	1	3.12132	0.001085	1.97114	31C	37C	37C	Ras-relatec	828058.6	801584.9	742762.2	461561.9	361557	380451.4	603814.6	638058.3	560750.2	643733.9	345990.7	389355.4	x		x
G3HIY6	1	1	1.883756	0.001091	2.980957	31C	37C	37C	40S ribosor	344609.6	301925.8	264103.6	113038.2	110808.3	81638.98	251286.9	240331.7	199385.7	157652.8	106037.6	83549.65	x		x
G3GWD2	1	1	3.379531	0.001094	2.561552	31C	37C	37C	MORF4 fam	261858.8	196443.6	204060.6	75904.1	94863.98	87810.69	190945.6	156368.3	154056.1	105862.4	90779.74	89865.8	x		x
G3I016	2	2	4.217882	0.001102	2.108988	31C	37C	37C	RNA-bindir	125573.5	114543.2	106861	60686.54	56774.63	47062.16	91567.33	91175.9	80675	84638.67	54330.28	48163.6	x		x
G3GSJ8	2	2	5.297236	0.001151	2.256872	37C	31C	37C	Disks large	24904.11	19571.58	18361.2	45336.28	45915.35	50563.19	18159.9	15578.9	13861.84	63229.88	43938.53	51746.56	x		x
G3I9L7	1	1	3.167778	0.001151	Infinity	37C	31C	37C	EGF-contai	0	0	0	32930.33	1196.943	1419.79	0	0	0	45927.48	1145.41	1453.019	x		x
G3HY75	2	2	8.843256	0.001179	2.161622	37C	31C	37C	Serine/thre	132196.7	107847.9	127056.2	259734.8	235070.8	298727.5	96396.9	85846.52	95921.41	362248.5	224950.2	305718.9	x		x
G3GRD7	1	1	2.631658	0.0012	Infinity	37C	31C	37C	Rab3 GTPa	0	0	0	3697.023	222.2947	4737.06	0	0	0	5156.186	212.7241	4847.926	x		x
G3HK93	1	1	3.020918	0.001208	9.049658	31C	37C	37C	Phosphatic	18249.14	8607.62	16704.04	1984.243	1483.45	1345.836	13307.14	6851.63	12610.76	2767.396	1419.582	1377.334	x		x
G3H7T9	7	7	21.82767	0.001216	1.656591	31C	37C	37C	E3 ubiquiti	479792.6	432619.4	408687.2	251711.6	286991.7	258777.3	349861.4	344363.3	308539.4	351058.6	274635.6	264833.6	x		x
G3I7E2	1	1	2.417638	0.001268	1.500631	37C	31C	37C	Focal adhe	42645.88	42865.97	48040.03	68904.67	68884.28	62623.14	31097.08	34121.13	36267.94	96100.37	65918.57	64088.77	x		x
G3H6D0	2	2	7.876754	0.001282	3.122152	37C	31C	37C	Ribonuclec	26482.53	38210.69	32307.84	83012	109121.2	110718.8	19310.87	30415.55	24390.89	115775.7	104423.2	113310	x		x
Q80Z93	2	2	9.845067	0.001282	3.061175	31C	37C	37C	Gap junctic	423026.5	280103.5	314539.6	101227.6	124299.1	106917.5	308468	222961.2	237462.4	141180.7	118947.6	109419.7	x		x
G3GSN1	3	3	11.06677	0.001341	1.818209	37C	31C	37C	Oxysterol-b	55249.75	54059.6	68128.37	111140.5	106293.8	105184.6	40287.74	43031.22	51433.68	155006.1	101717.4	107646.3	x		x
G3II33	3	3	9.807165	0.001435	2.004527	37C	31C	37C	Heterogene	60069.93	56750.28	74882.45	135490.4	126170.2	122612.6	43802.58	45172.99	56532.69	188966.5	120738.1	125482.2	x		x
G3HMB2	2	2	11.45998	0.001446	2.038648	37C	31C	37C	TMED4 | TM	246331.8	230824.6	303974.6	552644.6	490117.1	549689.4	179623.5	183735.5	229486.4	770765.7	469015.8	562554.2	x		x
G3GUU5	3	3	20.31434	0.001462	1.656492	37C	31C	37C	Transketola	1652326	1741665	2022622	2875047	3123181	2974347	1204864	1386358	1526983	4009787	2988717	3043959	x		x
G3HTZ8	2	2	4.912288	0.001493	2.695394	31C	37C	37C	Dual specif	83820.87	68859.3	65147.22	28956.9	30142.52	21715.24	61121.6	54811.72	49183.06	40385.79	28844.77	22223.46	x		x
G3I9X8	10	10	53.72743	0.001496	1.739061	31C	37C	37C	Spectrin al	1710014	1409736	1387138	833076.4	900130.3	858356.9	1246930	1122144	1047223	1161880	861376.4	878445.8	x		x

G3H7F9	1	1	4.550194	0.001498	1.538437	37C	31C	Sialic acid :	239964.3	243283.4	273746.2	416748.8	369600.9	378237.4	174980.3	193652.6	206665.4	581233.7	353688.2	387089.6	x	x
G3H6K5	1	1	4.328796	0.00151	2.003923	37C	31C	HIV Tat-spe	70794.45	74981.97	85336.84	134266.7	170553.4	158313	51622.82	59685.34	64425.26	187259.9	163210.5	162018.1	x	x
G3H7R4	2	2	4.942494	0.001523	1.593754	37C	31C	Thioredoxir	114900.2	123703.1	138990.1	210644.1	196707.3	194439.6	83784.44	98467.12	104930.9	293782.4	188238.4	198990.2	x	x
G3H0E4	4	4	13.14571	0.001527	1.536412	31C	37C	Chondroitii	274449	286446.7	327808.3	196784.9	194045.4	187597.8	200126.3	228010.4	247479.7	274453.2	185691	191988.3	x	x
G3I4I8	1	1	2.519566	0.001554	1.72533	37C	31C	CDP-diacyl	63504.21	69189.69	63578.2	117197.7	99007.36	122429	46306.83	55074.7	47998.52	163454	94744.74	125294.3	x	x
G3HCI9	2	2	13.2345	0.00158	4.495167	37C	31C	Scaffold at	89465.08	92541.4	156518.6	442924	486254.8	592548.1	65237.32	73662.57	118164.1	617739.9	465319.7	606416	x	x
G3HN62	1	1	3.781758	0.001623	2.316856	37C	31C	Phosphotri	23938.01	22778.77	32355.26	63966.61	60368	58863.94	17455.43	18131.8	24426.69	89213.34	57768.94	60241.58	x	x
G3HX83	4	4	11.35656	0.001624	1.916962	37C	31C	Ras-relatec	188241.4	144659.2	166492.1	337000.8	294196.2	326119.6	137264.3	115148.1	125693.6	470010.3	281530	333752	x	x
G3H2E2	1	1	2.051386	0.001653	1.744815	31C	37C	HNRNPAB	283550.7	303408.5	329362.7	171293.4	158819.9	195055	206763.2	241511.9	248653.2	238900.5	151982.1	199620.1	x	x
G3I8X2	1	1	2.138263	0.001655	2.292834	37C	31C	Long-chain	17834.97	14334.81	18346.29	42814.79	33031.45	39978.72	13005.14	11410.45	13850.58	59713.19	31609.32	40914.38	x	x
G3H125	3	3	12.99386	0.001664	6.721748	37C	31C	Neutral am	47333.04	64527.56	112951.1	546765.8	516414.3	447947.7	34514.92	51363.67	85272.74	762566.5	494180.8	458431.4	x	x
G3GW47	1	1	3.408384	0.001685	1.758608	31C	37C	Arginyl-tRN	119726.5	115167.1	137474.5	63533.3	72590.56	75616.39	87303.73	91672.57	103786.7	88609.01	69465.27	77386.11	x	x
G3GRD8	3	3	10.29173	0.001717	2.614494	37C	31C	Isoleucyl-tl	52150.97	54938.1	64584.39	157458.1	119325.4	172055.8	38028.13	43730.5	48758.15	219604.5	114188.1	176082.5	x	x
G3I7W5	1	1	5.558269	0.001758	2.968954	37C	31C	Myosin-XVI	43567.59	61512.04	67361.97	160012.3	158095	193863.8	31769.19	48963.33	50855.09	223167	151288.4	198401	x	x
G3IKW0	2	2	5.956338	0.001806	1.657353	37C	31C	Protein No	67318.13	77928.09	70899.54	127547.1	123478.4	107204.4	49087.92	62030.44	53525.79	177888.1	118162.2	109713.4	x	x
G3H497	5	5	18.33153	0.001808	1.763167	37C	31C	Inositol-3-p	375802.3	327315.8	387484.1	710107.6	628057.5	584748.6	274032.4	260542	292532.1	990377.1	601017.4	598434	x	x
G3HI57	5	5	20.09244	0.001819	1.963929	37C	31C	Malectin | M	130520.8	116932.5	142159.9	288290.4	252101.1	224781.2	95174.84	93077.8	107324	402074.6	241247.2	230041.9	x	x
A5XDT6	3	3	10.35559	0.001877	2.501445	31C	37C	CIRBP | CIF	388713.8	447966.7	590716.9	185941.5	194714.1	189973.5	283447.4	356579.6	445963.2	259329.9	186331	194419.6	x	x
G3IKQ5	1	1	4.487137	0.001915	1.741228	31C	37C	Pyridoxal ki	489602.2	430504.5	482186.5	255270.9	303997.6	246078.7	357014.6	342679.8	364027.9	356022.7	290909.4	251837.9	x	x
G3HWS3	2	2	5.266593	0.001916	1.788414	37C	31C	Ras-relatec	82503.49	85960	93357.16	169317.6	134962.4	163963.6	60160.97	68423.81	70480.22	236144.8	129151.8	167801	x	x
G3HSA2	3	3	13.3617	0.001975	2.920797	31C	37C	Myb-bindin	1076850	945143.4	902732.8	246700.9	376361.7	378282.7	785231.4	752330.2	681520.4	344070.3	360157.9	387135.9	x	x
G3H6Z8	3	3	8.719126	0.001978	2.182465	37C	31C	Adipocyte p	129142.5	118849.5	169206.2	318754	290538.4	301228	94169.81	94603.67	127742.7	444561.8	278029.7	308277.9	x	x
G3GYJ5	2	2	5.974171	0.001978	1.837208	37C	31C	Cytoskelet	58670.68	49782.09	54725.65	87191.68	102217.4	110383.6	42782.25	39626.34	41315.26	121605	97816.58	112967	x	x
G3I801	2	2	7.734445	0.001989	2.215757	37C	31C	Switch-ass	81695.27	82033.97	114493.6	210188.5	205059.8	201226	59571.63	65298.7	86437.24	293146.9	196231.2	205935.5	x	x
G3I0C6	3	3	9.128128	0.002011	1.601728	37C	31C	Cullin-5 | C	51310.25	52262.46	61389.28	83902.87	93851.93	86469.48	37415.08	41600.71	46345.99	117018.2	89811.26	88493.2	x	x
G3HN72	2	1	7.577622	0.002022	Infinity	31C	37C	Microtubul	70707.74	780.5068	42250.91	0	0	0	51559.6	621.2802	31897.43	0	0	0	x	x
G3HMM2	6	6	33.31743	0.002025	2.133612	37C	31C	Peptidyl-pr	241925.7	276432.3	290778.4	478952.5	644323.3	603107.6	176410.6	220039	219523.9	667988.4	616582.9	617222.7	x	x
G3GWH3	1	1	1.995014	0.002045	5.381824	31C	37C	POMP |	227412	183629.9	139725.3	45190.82	33879.69	23267.88	165827.2	146168.7	105486	63027.01	32421.05	23812.44	x	x
G3HPS0	1	1	4.096479	0.002139	1.576932	37C	31C	KASH doma	752704.6	787791.8	925932	1311367	1325288	1252736	548867	627079	699034.7	1828945	1268229	1282054	x	x
G3H609	2	2	17.6037	0.002151	1.826552	37C	31C	Glutathion	645210.4	659262.2	843197.2	1276397	1325308	1321125	470483	524770	636573.8	1780173	1268249	1352045	x	x
G3HDB3	1	1	1.859864	0.002156	1.909535	31C	37C	Splicing fac	33856.91	41967.99	36372.01	17427.13	21973.85	19355.17	24688.22	33406.34	27459.14	24305.38	21027.8	19808.16	x	x
G3IHC0	4	4	13.03925	0.00218	1.716666	37C	31C	Isocitrate d	172121.9	208882.9	213515.6	365341	326315.1	328937.2	125510.1	166270	161194.2	509535.9	312266.1	336635.6	x	x
G3HPU1	3	3	12.17232	0.002184	1.723366	37C	31C	Aspartyl/as	72783.64	72832.77	81648.38	136685.7	141182.5	113792.2	53073.33	57974.58	61640.65	190633.7	135104.1	116455.4	x	x
G3HAA1	3	3	9.82737	0.002203	2.221105	37C	31C	Heterogene	81222.24	76503.19	110726.7	198151.4	205359.5	192749.5	59226.7	60896.22	83593.42	276359	196518	197260.6	x	x
G3GXX7	1	1	4.428869	0.002205	3.413554	31C	37C	Tyrosine-pr	503752.3	373822.2	326893.3	91703.72	136004.9	125140	367332.7	297560.9	246788.9	127897.9	130149.4	128068.7	x	x
G3I783	2	2	8.011529	0.00221	2.338737	31C	37C	Heterogene	3546657	2931292	3409106	1138136	1647979	1441404	2586197	2333296	2573713	1587343	1577027	1475139	x	x
G3IEY0	4	4	15.13777	0.002212	1.915836	37C	31C	Succinate d	195897.8	216562.7	250935.8	447776.4	448379.3	374802.6	142847.3	172383	189444.6	624507.5	429074.9	383574.4	x	x
G3HHE3	4	4	16.45088	0.002235	1.903404	37C	31C	Leucyl-tRN	213814.9	266767.9	293132.3	486738.3	490612.4	495341.5	155912.3	212346.2	221300.9	678847.1	469489.8	506934.4	x	x
G3IDE2	1	1	2.237378	0.002242	6.2384	31C	37C	39S riboso	86578.95	64492.59	36748.71	9288.116	10712.6	10106.41	63132.77	51335.83	27743.53	12954	10251.38	10342.94	x	x
G3GWE9	1	1	3.636213	0.002249	2.132061	37C	31C	Solute carr	25321.25	29106.91	35414.2	63395.55	58428.64	69725.2	18464.08	23168.98	26736.04	88416.88	55913.08	71357.04	x	x
Q9EPP7	1	1	2.62193	0.002275	2.122376	31C	37C	CTSZ | CTS	1932343	1604574	1519307	870818.1	672361.4	839161.8	1409051	1277234	1147004	1214518	643413.8	858801.4	x	x
G3HYT5	3	3	13.0469	0.002278	1.901189	37C	31C	2'-deoxynu	64505.27	82194.83	84776.22	142726.2	140056.8	157297.2	47036.8	65426.75	64002.02	199058.3	134026.8	160978.5	x	x
G3H533	3	3	8.666642	0.002292	1.575131	37C	31C	Peptidyl-pr	699567.7	776163	863242.5	1292110	1206157	1185921	510120	617822.5	651707.1	1802088	1154228	1213676	x	x
G3ILW1	3	3	7.304774	0.002326	2.032947	37C	31C	Calpain-1 c	21017.2	24544.77	28700.21	54037.67	51505.62	45427.77	15325.6	19537.54	21667.3	75365.58	49288.12	46490.96	x	x
G3IA18	1	1	2.326026	0.002329	1.694524	31C	37C	Cation cha	1245442	1238958	1117125	626911.1	703814.6	794664.2	908168	986205.2	843376.3	874344.1	673512.9	813262.4	x	x
G3H1N7	1	1	2.384593	0.002344	2.172444	31C	37C	Splicing fac	422377.7	327396.7	360445.8	144476	172940.1	193630.6	307994.9	260606.4	272119.5	201498.6	165494.4	198162.3	x	x
G3HIT4	1	1	3.507078	0.002346	2.725802	37C	31C	Methylcrot	13442.58	16116.25	20807.43	50747.41	39384.48	47156.57	9802.234	12828.47	15708.62	70776.71	37688.84	48260.22	x	x
G3IES1	4	4	12.58743	0.002356	2.07605	37C	31C	Arginyl-tRN	35189.22	46122.2	48880.5	85004.12	96312.5	88968.39	25659.74	36713.08	36902.46	118554.1	92165.9	91050.6	x	x
G3HWS5	1	1	2.274585	0.002377	2.012466	31C	37C	Putative le	74192.91	62896.99	53970.93	31653.46	33951.28	29333.91	54100.96	50065.74	40745.49	44146.63	32489.55	30020.44	x	x
G3HGQ1	2	2	5.823623	0.002383	1.803084	37C	31C	Cation-ind	140922.9	164210.1	188178.2	301763.9	282291.8	305426	102760	130710.6	142065.6	420865.9	270138.1	312574.2	x	x
G3H1F4	1	1	5.676116	0.002427	Infinity	31C	37C	Ribosomal	32647.53	1234.226	273905.2	0	0	0	23806.35	982.4386	206785.4	0	0	0	x	x
G3H6S6	1	1	2.036014	0.002437	2.012713	37C	31C	Leucine-ric	35356.41	35425.45	27653.33	67622.12	58403.3	72096.33	25781.65	28198.51	20876.95	94311.63	55888.83	73783.67	x	x
G3GZ72	4	3	11.69042	0.002474	1.88417	37C	31C	Coatomer s	49562.23	58974.66	66012.46	103592.4	119328.7	105959.5	36140.44	46943.58	49836.27	144478.8	114191.2	108439.4	x	x
G3H8A8	3	3	10.27077	0.002478	1.823901	37C	31C	Mesencepl	237407	301404.8	310539	491555.7	515023.4	542552.6	173115.5	239917	234442.2	685565.8	492849.8	555250.5	x	x

G3IJS1	1	1	4.494322	0.00248	3.516324	37C	31C	37C	UPF0420 p	12008.1	10373.53	13931.69	55197.77	31522.45	40969.18	8756.223	8257.289	10517.77	76983.56	30165.29	41928.02	x	x
G3HW62	1	1	6.241306	0.002496	1.832523	37C	31C	37C	Elongation	721513	793607.1	938113.6	1502887	1618465	1374256	526122.3	631708	708231.2	2096056	1548784	1406419	x	x
G3IMG3	2	2	7.696444	0.002531	4.706881	31C	37C	37C	Inositol pol	93809.94	81745.77	111124.5	12839.22	26938.02	21129.39	68405.56	65069.3	83893.75	17906.68	25778.24	21623.9	x	x
G3GR86	2	2	7.451102	0.002553	3.498483	37C	31C	37C	ATP-depen	24015.12	34073.05	41508.43	127631.2	94212.87	126592.9	17511.66	27122.01	31336.89	178005.5	90156.67	129555.7	x	x
G3GSI7	3	3	10.3912	0.002638	2.383563	31C	37C	37C	Large subu	100844.6	80661.12	65744.32	33511.61	33219.66	36999.99	73535.18	64205.92	49633.84	46738.17	31789.43	37865.94	x	x
G3I2W7	1	1	2.137515	0.002658	7.91135	31C	37C	37C	Protein SC(	26165.61	17005.62	19989.61	4381.104	1728.284	1874.186	19079.78	13536.41	15091.21	6110.264	1653.875	1918.049	x	x
G3I8H3	3	3	9.267846	0.002661	1.755549	37C	31C	37C	Putative my	112824.4	111376.3	122016	231686.4	176358.7	199755.4	82270.74	88655.1	92116.31	323129.7	168765.8	204430.4	x	x
G3HA51	3	3	11.06387	0.002678	2.328949	37C	31C	37C	Procollagei	53335.79	54720.95	48539.59	151959.6	103568.5	109176.7	38892.09	43557.65	36645.09	211935.9	99109.53	111731.9	x	x
G3HE36	1	1	3.354118	0.002681	2.345691	37C	31C	37C	Serine/thre	23730.65	22643.66	24864.03	69630.8	46119.41	51352.93	17304.23	18024.26	18771.16	97113.1	44133.81	52554.79	x	x
G3HA23	1	1	7.411766	0.002684	1.593144	31C	37C	37C	Malate deh	1290834	1392303	1194187	752416.9	780969.8	900369.9	941266.9	1108267	901554.6	1049385	747346.2	921442	x	x
G3H3Y2	3	3	8.949714	0.00269	7.692464	31C	37C	37C	Retrovirus-	360406.4	324899.7	363096.9	23184.42	70218.29	42886.91	262805.9	258618.8	274120.9	32334.99	67195.14	43890.63	x	x
G3H1M4	1	1	5.042733	0.002696	1.633122	31C	37C	37C	Eukaryotic	1728974	1586156	1573816	961954.2	899528	1132138	1260756	1262574	1188157	1341624	860800	1158634	x	x
G3HEI4	2	2	6.781879	0.002712	5.476609	31C	37C	37C	Putative tra	158501.8	129414.6	151169.6	15004.42	32972.7	32197.68	115578.4	103013.5	114125.9	20926.45	31553.1	32951.23	x	x
G3HFQ7	1	1	3.013747	0.002735	1.685309	37C	31C	37C	Translation	77233.38	79810.8	88324.79	156553.5	125298.5	131670.6	56318.04	63529.07	66681.02	218343	119904	134752.2	x	x
G3HPC6	1	1	1.974078	0.00276	3.127837	31C	37C	37C	Poliovirus r	28356.13	19940.56	20928.44	9208.303	7148.653	5774.995	20677.09	15872.6	15799.98	12842.69	6840.877	5910.152	x	x
G3HLY0	1	1	1.91196	0.002766	1.729663	37C	31C	37C	Tubulin gar	65670.8	50078.02	52778.25	94318.36	99036.39	98140.33	47886.69	39861.9	39845.07	131544.5	94772.52	100437.2	x	x
G3HLN9	2	2	5.625866	0.002767	5.546038	37C	31C	37C	General tra	6082.797	7234.658	9737.511	26800.81	55273.64	45789.26	4435.534	5758.758	7351.359	37378.72	52893.91	46860.91	x	x
G3H3S7	1	1	3.517575	0.002769	2.587726	31C	37C	37C	Katanin p6l	98759.71	76676.64	108750.9	29957.13	42031.17	37832.94	72014.9	61034.29	82101.79	41780.79	40221.58	38718.37	x	x
G3HL16	4	4	16.89626	0.00277	1.550102	31C	37C	37C	Splicing fac	1433461	1215293	1191145	833496.8	778610.9	865084.4	1045270	967368.5	899257.9	1162466	745088.9	885330.7	x	x
G3I962	1	1	4.359833	0.002793	2.821404	37C	31C	37C	NLR family	39008.69	30394.34	37022.88	121966.3	76345.7	101958.6	28444.87	24193.77	27950.52	170104.6	73058.74	104344.8	x	x
G3GYY6	4	4	12.55235	0.002809	1.585689	37C	31C	37C	Catalase | (	888372.7	1051932	1123115	1659947	1610700	1586985	647795.3	837333.9	847898.5	2315105	1541353	1624127	x	x
G3HLY8	1	1	2.415215	0.002816	3.663386	37C	31C	37C	Coiled-coil	34311.66	36972.24	62004.92	188911	143913.9	155463.5	25019.83	29429.75	46810.77	263471.5	137717.9	159102	x	x
G3IAY3	1	1	3.526519	0.002822	1.80719	37C	31C	37C	SEC23-inte	354169	287880.2	292703.8	610209.3	497634	581432.5	258257.6	229151.4	220977.4	851050.4	476209	595040.3	x	x
G3ICG5	2	1	5.342529	0.002832	1.744681	31C	37C	37C	Tripeptidyl-	366331.7	377127.6	304851.4	212653.7	208310.9	179896.5	267126.5	300192	230148.3	296585.1	199342.3	184106.8	x	x
G3I9P1	4	4	14.7814	0.002849	1.638196	37C	31C	37C	LDLR chap	304503.2	315699.4	368307.3	564884.7	488819.6	565669.1	222041.6	251295.4	278054.5	787836.8	467774.1	578907.9	x	x
G3HXW1	1	1	2.125194	0.002863	2.113825	31C	37C	37C	Nuclear fac	322277.3	279136.4	235535.1	138831.7	142746.8	114362	235002.4	222191.4	177817.8	193626.7	136601	117038.5	x	x
G3I6H3	2	2	6.384564	0.00289	2.296622	31C	37C	37C	Splicing fac	226874.5	169661.5	208273.6	80326.54	77951.49	105069.4	165435.3	135049.8	157236.7	112030.3	74595.4	107528.5	x	x
G3HFJ1	3	3	8.681194	0.002899	1.844349	37C	31C	37C	Scavenger	86516.31	113914.1	101214	189052.5	167709.5	199575.6	63087.09	90675.18	76411.75	263668.9	160489	204246.5	x	x
G3HJM2	4	3	11.1289	0.002905	1.591494	37C	31C	37C	Glycyl-tRN/	185983.3	205446.4	237463.4	324870.4	340966.8	335042.6	135617.8	163534.5	179273.6	453092.1	326287	342883.8	x	x
G3HAR2	2	2	4.925673	0.002918	2.303378	37C	31C	37C	CPNE1 | RE	47839.76	62963.58	53713.18	119033.6	108258.2	151651.9	34884.42	50118.75	40550.9	166014.6	103597.3	155201.2	x	x
G3GRW2	1	1	2.877661	0.002944	1.742532	31C	37C	37C	EMC8 |	398842.2	354762.3	309668.3	211688.7	185918	212581.7	290833	282389.3	233784.9	295239.3	177913.5	217557	x	x
G3ILT7	1	1	2.122378	0.002949	4.063048	31C	37C	37C	Golgi mem	20737.59	15090.57	16856.05	4233.02	2905.961	5827.692	15121.71	12012.03	12725.52	5903.734	2780.849	5964.083	x	x
G3I278	6	6	21.23238	0.002959	1.605489	37C	31C	37C	Laminin su	266039.7	269606.1	314524.7	501504.6	430980	432454.8	193994.3	214605.3	237451.2	699441.4	412424.7	442575.9	x	x
G3HZ25	3	3	9.391918	0.002976	1.512524	31C	37C	37C	NADH dehy	449359.6	408999.2	474091.2	314098.4	267519.6	299326.9	327669.9	325561.6	357916.3	438068.6	256001.9	306332.3	x	x
G3GS70	3	3	21.20072	0.003008	1.900848	31C	37C	37C	Importin-5	2374662	1808276	1766790	1052603	991920.2	1085516	1731587	1439380	1333842	1468051	949214.5	1110921	x	x
G3HMD2	1	1	4.523046	0.003033	7.769081	37C	31C	37C	Sulfide:quii	10863.01	8223.078	9350.719	120629.2	53209.92	47088.76	7921.235	6545.536	7059.349	168239.9	50919.04	48190.82	x	x
G3IB81	1	1	6.945619	0.003061	1.837908	37C	31C	37C	Mitochondi	128829.7	125859.2	164372.4	261400.1	235616.1	273179.8	93941.76	100183.4	124093.4	364571.1	225472	279573.2	x	x
G3GXH6	1	1	3.340661	0.003097	14.79399	31C	37C	37C	Sterile alph	35999.66	38147.78	55677.81	5185.62	1189.194	2400.723	26250.71	30365.47	42034.1	7232.312	1137.995	2456.909	x	x
G3HHE8	1	1	2.446056	0.003109	2.6439	31C	37C	37C	F-box only |	98039.84	94082.51	70843.75	38587.86	26307.66	34565.92	71489.97	74889.29	53483.67	53817.95	25175.02	35374.9	x	x
G3I877	8	8	33.54829	0.003119	1.584167	37C	31C	37C	Stress-indu	1266581	1227448	1449601	2005834	2297011	1944526	923582.2	977043.6	1094380	2797508	2198116	1990035	x	x
G3IGF6	1	1	5.660677	0.00314	6.625475	37C	31C	37C	WW domai	9628.562	16395.15	11907.9	48791.53	91607.96	110915.5	7021.08	13050.47	8989.899	68048.86	87663.9	113511.3	x	x
G3HWS9	2	2	7.277251	0.003154	5.236885	37C	31C	37C	Phosphatic	5510.745	7462.474	13573.51	43666.35	52073.92	43281.89	4018.397	5940.098	10247.36	60900.85	49831.95	44294.85	x	x
G3HF56	1	1	9.8827	0.003174	3.105226	31C	37C	37C	Calponin | (	1005326	1064002	636935.2	263259.1	329000.8	279259	733076.6	846941.5	480855.8	367163.8	314836.2	285794.8	x	x
G3I2M0	2	2	7.780656	0.003208	7.416815	37C	31C	37C	Sulfatase-r	5436.632	6185.719	6771.377	74610.47	32663.32	29149.09	3964.355	4923.807	5112.068	104058.2	31257.04	29831.29	x	x
G3HZY5	1	1	3.477783	0.003217	1.758808	37C	31C	37C	U1 small nu	34633.26	34318.5	26353.28	55561.42	57327.56	54734.27	25254.33	27317.38	19895.48	77490.74	54859.4	56015.27	x	x
G3H3I2	2	2	11.22729	0.003225	2.652418	37C	31C	37C	Importin-9	23539.59	17944.3	14277.32	50454.14	53822.32	43625.61	17164.91	14283.59	10778.7	70367.68	51505.08	44646.61	x	x
G3HLH3	3	3	9.2299	0.003238	2.938734	37C	31C	37C	Rab GTPas	14103.79	13567.87	20630.86	38402.4	55808.75	47737.1	10284.38	10799.97	15575.32	53559.28	53405.98	48854.33	x	x
G3HW44	7	7	28.79188	0.003253	1.980125	37C	31C	37C	Methionyl-t	266763.3	228900.2	233816.6	577354.3	425687.7	441419.8	194521.9	182203.6	176520.4	805227.9	407360.3	451750.7	x	x
G3IKH9	2	2	6.043719	0.00328	1.761185	37C	31C	37C	Phosphose	1033853	1196156	1303036	1850562	2273100	2098685	753878.8	952135.5	983730.3	2580953	2175235	2147802	x	x
G3GRX2	1	1	1.966965	0.003311	1.61765	31C	37C	37C	Ubiquitin c	365048.5	331099.5	292681.9	204302.8	218183.2	188789.6	266190.8	263553.8	220961	284938.3	208789.6	193208	x	x
G3H8Y0	4	4	20.67152	0.003325	2.030393	37C	31C	37C	Terpene cy	288715.5	295799.4	355710.1	536508.4	636828.7	735689	210529.3	235455.1	268544.2	748260.7	609410.9	752906.9	x	x
G3I956	1	1	3.177044	0.003343	2.504808	31C	37C	37C	DnaJ-like su	116810.4	91810.5	88023.52	41688.33	45831.59	30910.12	85177.37	73080.78	66453.57	58142.13	43858.38	31633.53	x	x
G3H194	4	3	10.21968	0.003387	2.070765	37C	31C	37C	Clathrin lig	134508.8	114652.8	160976.9	314121.5	284485.5	250693.2	98082.86	91263.12	121529.9	438100.9	272237.4	256560.4	x	x
G3HHN0	1	1	1.867908	0.003394	2.527038	31C	37C	37C	39S ribosor	173044.3	125553.5	108831.4	51164.32	59347.3	50716.38	126182.7	99940.09	82162.51	71358.16	56792.19	51903.34	x	x

G3H9S4	1	1	3.458722	0.0034	2.966614	37C	31C	IVNS1ABP	56234.37	45945.44	34459.08	109351.6	140816	155187.3	41005.72	36572.38	26014.97	152511.1	134753.3	158819.3	x	x
G3H6B2	2	2	6.228904	0.00343	1.937099	37C	31C	Dynamin |I	88805.2	100862.6	126429.8	191360.4	209063.4	211888.7	64756.14	80286.25	95448.51	266887.7	200062.4	216847.7	x	x
G3H459	1	1	3.212231	0.003433	1.706217	31C	37C	Cation-trar	136604.2	118950.2	139757	87080.12	76340.47	68268.23	99610.81	94683.86	105509.9	121449.4	73053.73	69865.97	x	x
G3HH18	2	2	7.029165	0.00344	2.631515	37C	31C	ATP-depen	14508.38	9377.134	14818.25	32727.68	31436.94	37684.9	10579.41	7464.16	11187.07	45644.84	30083.47	38566.88	x	x
G3H412	2	2	3.895891	0.003444	1.955589	31C	37C	Proliferatin	3229762	2885365	2405562	1362161	1646924	1348010	2355120	2296739	1816085	1899787	1576018	1379559	x	x
G3I7M2	5	5	20.10148	0.003459	1.600487	37C	31C	Elongation	453342.6	464012.7	560945.3	844887.4	749440.1	771673.8	330574.3	369352.2	423487.1	1178353	717174	789734	x	x
G3HMB4	8	8	32.77939	0.003477	2.136639	37C	31C	2-oxoglutar	414108.7	481251.4	596093.3	1203276	982328.3	1001093	301965.2	383074.1	450022.2	1678192	940035.5	1024523	x	x
G3HW13	1	1	3.65987	0.003478	2.697798	31C	37C	Torsin-3A |	63767.73	79295.55	93713	33681.59	23026.01	31058.9	46498.99	63118.93	70748.87	46975.24	22034.65	31785.8	x	x
G3IDT6	18	18	65.08092	0.003488	2.023312	37C	31C	Protein disu	1231882	1434150	1690197	3299448	2919280	2595285	898279.9	1141578	1276019	4601694	2793595	2656025	x	x
G3GTC7	3	3	11.92826	0.003494	2.412646	37C	31C	NADP-depe	44676.14	34807.63	49255.71	122657.8	87361.03	100584	32577.53	27706.73	37185.72	171069.1	83599.82	102938.1	x	x
G3I2H0	3	3	10.92797	0.003496	1.557416	37C	31C	Dipeptidyl |	138657.9	158903.8	177444.3	241827	245073.5	252881.3	101108.4	126486.8	133962	337272.8	234522.2	258799.7	x	x
G3GV42	3	3	18.08912	0.003545	3.24475	37C	31C	Asparaginy	53297.39	55551.81	90772.57	186789.8	255994.1	204938.8	38864.09	44219.01	68528.98	260513.1	244972.6	209735.2	x	x
G3IJG2	1	1	3.750558	0.003552	2.978499	31C	37C	Fatty acyl-(	376180.3	371082.7	368783.2	84129.9	141954.7	148616.3	274308	295380.3	278413.8	117334.8	135843	152094.5	x	x
G3HGS0	2	2	9.211121	0.003569	1.95186	37C	31C	Citrate lyas	77268.48	85071.15	107007	193395.8	170318.7	162012.3	56343.64	67716.29	80785.21	269726.5	162985.9	165804	x	x
G3HWD7	1	1	2.031668	0.003571	1.604747	37C	31C	Uncharacte	48024.82	58305.5	49392.13	76174.13	83803.8	89917.15	35019.37	46410.94	37288.71	106239	80195.75	92021.56	x	x
G3I531	3	3	9.188221	0.003577	2.068574	31C	37C	Ran GTPas	702444	646400.5	531094.3	292590.6	352425.1	263793.2	512217.3	514532.1	400951	408072	337252	269967	x	x
G3I7T3	1	1	2.178309	0.003592	2.021708	31C	37C	Pre-mRNA	30946.03	36055.61	30386.49	12947.72	17690.22	17533.27	22565.63	28700.12	22940.35	18058	16928.59	17943.62	x	x
G3IAI6	9	9	65.07369	0.003594	3.179975	31C	37C	Heme oxyg	8188692	6542814	6796477	2914956	2286347	1568557	5971138	5208053	5131017	4065449	2187911	1605267	x	x
G3GU41	1	1	2.415788	0.003603	2.124709	31C	37C	Putative RN	30455.38	25209.71	26943.8	11148.97	15962.1	11769.03	22207.85	20066.83	20341.29	15549.31	15274.87	12044.47	x	x
G3HQL6	2	2	5.599597	0.003632	1.548646	37C	31C	Thioredoxir	574871.1	560884	703855.2	943319.9	965798.6	939787.6	419192.1	446461.3	531377.2	1315635	924217.4	961782.2	x	x
G3I3G8	6	6	21.72813	0.003649	1.589445	37C	31C	Transaldola	1127391	1184967	1401773	2087720	1987203	1828485	822086	943229.1	1058272	2911714	1901646	1871278	x	x
G3I5Z5	2	2	4.534897	0.003669	2.017147	37C	31C	Prostaglan	215644.3	168085.4	173118	434109.8	325304.4	363829.5	157246.3	133795.3	130695.9	605446.9	311298.9	372344.5	x	x
G3GXA9	1	1	3.022177	0.003727	1.740977	37C	31C	Protein disu	3248858	3314258	3682595	6861294	5797789	5178466	2369045	2638135	2780185	9569351	5548173	5299662	x	x
G3I449	2	2	9.730056	0.003729	1.982011	37C	31C	Tubulin-spe	59087.32	73781.4	59100.01	125885.3	145854.8	108744.1	43086.07	58729.69	44617.7	175570.4	139575.3	111289.1	x	x
G3HH63	1	1	7.939984	0.003731	1.665747	37C	31C	Phospholip	474426.6	490463.8	575172.2	813141.1	958961.1	793252.8	345948.6	390407.1	434227.7	1134077	917674.3	811817.9	x	x
G3GUM9	1	1	7.758099	0.003743	1.793122	31C	37C	Putative rib	2041209	1832547	1559739	995611.6	1114286	920289.3	1488436	1458700	1177529	1388566	1066312	941827.6	x	x
G3I6L2	2	2	4.249067	0.003745	1.616911	31C	37C	Elongator c	317653.5	256952.7	290111	177804.2	193860.7	163130.8	231630.7	204533.3	219020	247981.1	185514.3	166948.6	x	x
G3HV15	4	4	11.58064	0.003757	2.082086	37C	31C	Syntaxin-bi	37554.99	56706.21	44073.9	91361.9	95656.38	101007.3	27384.84	45137.91	33273.7	127421.2	91538.02	103371.3	x	x
G3HRC6	1	1	2.779225	0.003799	7.422955	31C	37C	Abhydrolas	136721.2	113117.3	113286.7	28620.34	9635.411	10663.46	99696.13	90040.89	85526.06	39916.39	9220.572	10913.03	x	x
G3HHF3	3	3	11.41992	0.003812	1.87299	37C	31C	Succinyl-C	293633.3	264129.2	371759.4	561269	563055.5	616660.4	214115.4	210245.8	280660.7	782794.1	538813.9	631092.6	x	x
G3GRY6	1	1	2.699635	0.003849	1.581903	31C	37C	Malonyl-Co	778945.6	610754.5	717383.3	430160.9	465732.4	436099	568001.7	486158	541590.3	599939.5	445681	446305.4	x	x
G3H697	2	2	9.442366	0.00386	1.532526	37C	31C	Glucosidas	630970.5	606683	745514.4	1022537	1066193	950527.7	460099.3	482917.2	562827.9	1426118	1020289	972773.7	x	x
G3GVI7	1	1	3.777834	0.003866	3.917799	31C	37C	Dual specif	450945.1	279506.2	303678	63983.18	116964.3	83009.26	328826	222485.7	229262.5	89236.44	111928.5	84952	x	x
G3HP75	5	5	20.86384	0.003891	1.528273	37C	31C	D-3-phospl	1337584	1614172	1685088	2318170	2389461	2378732	975357.1	1284874	1272161	3233119	2286586	2434404	x	x
G3H284	4	4	14.87511	0.003899	1.707359	37C	31C	Endoplasm	683895.1	792088.4	923839.7	1373523	1420901	1302936	498691.6	630499.1	697455.1	1915634	1359726	1333430	x	x
G3I519	2	2	6.104697	0.003934	2.884038	31C	37C	LXN |LXN	804482.4	674244.3	640101.8	327485.1	185889.7	221299.5	586623	536695.7	483246.5	456738.8	177886.5	226478.8	x	x
G3H683	2	2	3.68829	0.003961	1.921722	31C	37C	Small subu	103447.2	81582.96	75465.48	47501.33	47476.51	40575.34	75432.95	64939.7	56972.86	66249.44	45432.47	41524.96	x	x
G3HV69	2	2	10.17329	0.003962	7.938531	37C	31C	Golgi reside	14778.8	10291.07	20078.31	183766.5	69989.94	104653.7	10776.6	8191.65	15158.17	256296.6	66976.62	107103.1	x	x
G3GTM5	4	4	11.70501	0.003964	1.655072	37C	31C	Nucleopori	64580.78	55788.66	55885.22	91473.26	89306.61	110934.3	47091.86	44407.54	42190.69	127576.5	85461.64	113530.6	x	x
G3HWN3	1	1	3.261289	0.004035	2.521353	37C	31C	Actin-relate	29600.69	21228.2	35460.48	65490.63	78062.21	74013.13	21584.62	16897.56	26770.98	91338.87	74701.35	75745.32	x	x
G3I2N4	3	3	11.87994	0.004117	1.766158	31C	37C	Lamina-ass	458094.3	456251	431632.8	207952.5	280306.2	273835.2	334039.2	363173.9	325862.2	290028.5	268238	280244	x	x
G3HIX6	3	3	11.18101	0.00412	1.575708	37C	31C	Tryptophan	535181.9	603232.3	645636.1	990713	981787.7	838642	390250.9	480170.4	487424.6	1381734	939518.1	858269.5	x	x
G3H8W6	3	3	18.58622	0.00414	2.093343	37C	31C	Autoimmun	382985.8	336379.9	460845.1	962249.5	789638.7	718698.2	279270.6	267757	347916.2	1342036	755641.9	735518.5	x	x
G3HDC9	1	1	2.25879	0.004142	1.619762	31C	37C	Pumilio dor	133830.9	107214.4	121967.5	76534.73	79953.48	67626.71	97588.58	85342.26	92079.69	106741.9	76511.19	69209.44	x	x
G3I7H7	2	2	4.750567	0.004175	3.275283	37C	31C	Acyl-CoA d	27437.15	21181.12	35571.32	75189.74	117677	82877.99	20006.98	16860.08	26854.66	104866.1	112610.6	84817.65	x	x
G3HMN4	2	2	8.367862	0.004188	1.516593	37C	31C	Omega-am	65202.79	77089.61	74433.11	100144.7	109789.6	118750.2	47545.42	61363.01	56193.46	139670.4	105062.8	121529.4	x	x
G3ILN5	4	4	36.48342	0.004235	1.973567	37C	31C	Reticulocal	2871936	3592716	3893978	7699757	5986721	6756969	2094196	2859787	2939768	10738744	5728971	6915108	x	x
G3GTP7	3	2	8.741341	0.004252	1.550289	31C	37C	Vitronectin	75494.54	61955.95	65694.41	47813.06	41592.09	41631.64	55050.09	49316.68	49596.16	66684.21	39801.4	42605.98	x	x
G3HX53	3	3	10.6441	0.00427	1.623347	37C	31C	Scavenger	70220.02	72178.92	80693.73	107483	136895.3	117778.7	51203.95	57454.12	60919.94	149905.1	131001.4	120535.1	x	x
G3GS14	2	1	10.64477	0.004297	1.790068	31C	37C	TMEM43 |T	607516.4	502405.5	703383.3	336279	331196.2	345506.2	442996.7	399912.7	531021	469003.6	316937	353592.4	x	x
G3H0E6	1	1	5.049599	0.004315	3.066619	31C	37C	IMP3 |IMP3	179633.6	177821.3	123742.6	66328.76	39468.55	51117.39	130987.6	141545	93419.81	92507.79	37769.29	52313.74	x	x
G3IJ86	2	2	6.936461	0.004323	2.748742	37C	31C	Nucleotide	20518.89	23571.65	36934.72	71161.85	74142.79	77412.87	14962.24	18762.93	27883.96	99248.43	70950.67	79224.63	x	x
G3H8W5	5	5	30.04262	0.00434	1.771606	37C	31C	6-phospho	510076.9	415326.3	519856.4	926053.5	744375	890001.5	371944.5	330598	392466.9	1291554	712326.9	910831	x	x
G3I8U4	2	2	7.128811	0.004344	2.512666	37C	31C	EMILIN-2 (F	45041.31	45456.74	54423.9	89660.16	141704.5	132775.9	32843.81	36183.38	41087.46	125047.8	135603.6	135883.3	x	x

G3GXF0	3	3	9.197002	0.004345	1.694326	37C	31C	Uncharacte	28010.91	29729.9	32380.98	57179.14	43592.03	51924.55	20425.36	23664.88	24446.1	79746.95	41715.24	53139.78	x	x
G3HUX4	2	2	5.938688	0.004368	2.645851	31C	37C	Ubiquitin c	716788.9	610918.3	462741	220667.7	269738.9	186293.7	522677.5	486288.4	349347.5	307762.2	258125.7	190653.7	x	x
G3HQM6	19	19	109.6523	0.004393	1.812848	37C	31C	Endoplasm	11486544	13009488	16346991	25418759	24320612	24302812	8375908	10355498	12341202	35451187	23273522	24871592	x	x
G3IEZ1	1	1	4.26367	0.00444	9.036088	37C	31C	Calcium/ca	21297.45	43597.21	86127.89	504522	436544.6	423586.5	15529.95	34703.2	65022.47	703649.8	417749.8	433500	x	x
G3I4F4	1	1	2.04833	0.004483	1.767572	31C	37C	General tra	1733769	1393612	1284087	895726.5	811768.8	788282.2	1264252	1109309	969424.6	1249257	776819.2	806731	x	x
G3HRR5	1	1	6.333314	0.004508	2.590261	37C	31C	ELAV-like p	196401.3	148628.3	211664.2	394121.2	600006.8	447854.3	143214.5	118307.5	159796.4	549675.3	574174.4	458335.9	x	x
C4PFX6	2	2	15.22355	0.004526	2.157101	31C	37C	Caspase 3	695320.1	541819.1	822786.2	328027.5	339505.9	287417.5	507022.6	431285.8	621164.5	457495.3	324888.9	294144.2	x	x
G3GX59	3	3	10.22071	0.004546	4.115208	37C	31C	Putative so	8843.627	12827.74	19060.15	69950.98	49357.12	48310.57	6448.711	10210.83	14389.51	97559.66	47232.12	49441.22	x	x
G3HCS8	1	1	2.223201	0.004556	1.885217	31C	37C	Nucleolar p	109284.3	85669.1	77262.86	51588.75	46718.81	46087.64	79689.35	68192.25	58329.79	71950.11	44707.39	47166.26	x	x
G3HG08	2	2	7.538552	0.004578	1.66661	37C	31C	Sphingomy	36936.01	30349.49	38661.88	55155.06	64817.66	56600.26	26933.48	24158.07	29187.88	76923.98	62027.02	57924.93	x	x
G3HIQ0	4	4	15.65268	0.004582	1.558671	37C	31C	Threonyl-tF	111307.8	115270.3	134304.7	195369.6	168658.2	198469.7	81164.86	91754.72	101393.7	272479.2	161396.8	203114.7	x	x
G3H8F4	4	4	14.63963	0.004609	2.401064	37C	31C	DAG1 | DA(	69822.06	99760.21	118654.8	226536.2	226758.8	238780.5	50913.76	79408.71	89578.71	315946.8	216996	244368.9	x	x
G3H894	2	2	8.119193	0.004611	1.907574	37C	31C	ABHD14B |	196619.8	165538.3	161752.8	393517.1	319908.2	285973.4	143373.8	131767.8	122115.7	548832.7	306135	292666.3	x	x
G3I8Z3	2	2	6.751433	0.004612	1.557351	37C	31C	TBC1 doma	272997.7	337802.9	279315.2	478215	481176.1	426831.7	199068.1	268889.7	210869.7	666959.8	460459.7	436821.3	x	x
G3IC31	1	1	6.11636	0.004616	1.596747	31C	37C	26S protea	139320.7	118658	152393.8	88877.19	79812.4	88315.8	101591.7	94451.24	115050.1	123955.8	76376.19	90382.73	x	x
G3HCW3	3	3	14.66631	0.004636	1.841616	37C	31C	ATPase AS	157074.2	176627.9	219853.7	370001	319000.2	330435.8	114537.4	140595.1	165979.1	516035.3	305266.1	338169.3	x	x
G3IPU3	2	2	7.750382	0.004652	1.75301	37C	31C	14-3-3 prot	1913102	1754862	2189124	3067489	3272448	3927597	1395020	1396863	1652685	4278185	3131557	4019518	x	x
G3GW00	1	1	2.884118	0.004689	1.533868	31C	37C	Pre-mRNA-	91614.4	73771.99	76839.23	51454.91	56166.23	50297.05	66804.59	58722.2	58009.97	71763.44	53748.07	51474.19	x	x
G3HN49	1	1	5.841887	0.004695	1.911589	31C	37C	40S ribosor	3988678	3773414	3696927	1626513	2411037	1956950	2908516	3003622	2791004	2268475	2307233	2002750	x	x
G3IJ36	2	2	5.674487	0.0047	2.709546	31C	37C	Nucleolar c	447036.9	372062	267926.5	153923.4	132870.8	114389.5	325976.2	296159.8	202271.8	214674.8	127150.2	117066.6	x	x
G3I5W3	1	1	3.683595	0.004752	8.603118	31C	37C	TAR DNA-b	148129	148163	100342.7	9309.572	28175.36	8618.674	108014.7	117937.1	75754	12983.93	26962.31	8820.385	x	x
G3GYZ1	2	2	10.03385	0.004762	1.940747	31C	37C	CD44 antig	5744317	4582822	5563061	2277688	2761488	3148496	4188716	3647907	4199847	3176659	2642596	3222183	x	x
G3GY52	7	7	34.62292	0.004778	1.503672	37C	31C	Phosphorit	523730.9	570114.3	596343.4	754629.1	929267	857592.6	381900.9	453808.6	450210.9	1052471	889258.7	877663.6	x	x
G3HSW8	1	1	4.308938	0.004781	1.697929	37C	31C	Translocon	415535.3	404819.4	512037.9	701343.4	718973.5	841991.8	303005.5	322234.6	386564.3	978153.8	688019.1	861697.6	x	x
G3H9I6	3	3	7.236789	0.004785	2.065591	37C	31C	Testin | TES	44411.7	49947.15	57409.72	124577.5	101685	87229.3	32384.7	39757.73	43341.61	173746.4	97307.06	89270.81	x	x
G3H1Q7	1	1	2.44162	0.00479	1.608599	31C	37C	COX5B | C(	1723423	1361171	1390604	976638.3	866770	938637.9	1256708	1083486	1049840	1362104	829452.4	960605.7	x	x
G3I5T3	1	1	4.416109	0.00479	2.028861	31C	37C	Putative AT	504542	457511.3	342374.5	211876.5	230044.3	201015.3	367908.5	364177.1	258476.5	295501.1	220140.1	205719.8	x	x
G3HWS7	1	1	6.121814	0.004799	4.474684	37C	31C	LIM domair	19097.01	11946.09	30613.07	93340.8	99682.67	82868.4	13925.41	9509.037	23111.41	130181.1	95390.97	84807.84	x	x
G3I7V6	3	3	9.350768	0.004822	2.507646	37C	31C	MOGS | MC	19565.39	15692.97	16481.64	52291.87	32076.84	45376.88	14266.95	12491.54	12442.86	72930.75	30695.82	46438.87	x	x
G3H748	3	3	12.42112	0.004825	1.664542	37C	31C	Aminopept	173953.5	165733.1	191613.2	342430	274925.8	267015.2	126845.7	131922.9	144658.8	477582.4	263089.2	273264.3	x	x
G3IG23	14	14	50.87352	0.004851	1.697094	37C	31C	Alanyl-tRN/	972701	1081067	1286026	2012100	1939164	1716679	709286.8	860525.1	970888.4	2806248	1855676	1756856	x	x
G3HIC4	1	1	3.132595	0.004854	1.975542	37C	31C	Protein trar	78416.69	67825.69	72810.5	125578.6	129445.8	177723.7	57180.91	53988.97	54968.47	175142.8	123872.7	181883.1	x	x
G3GVV6	2	2	6.046619	0.004859	3.858117	31C	37C	Ras and Ra	390525.9	325473	239691.4	117430.4	66605.56	63673.06	284768.8	259075.1	180955.6	163778.5	63737.95	65163.25	x	x
G3HPZ1	1	1	2.069387	0.004866	5.215214	37C	31C	Vitamin K-c	2020.392	1627.994	1563.339	14329.74	6148.66	6701.86	1473.256	1295.876	1180.247	19985.49	5883.938	6858.71	x	x
G3HYQ6	2	2	8.439169	0.004888	1.845467	37C	31C	Ribosomal	94311.06	91377.93	122716.6	168796.9	196836.3	203519	68770.97	72736.46	92645.22	235418.7	188361.8	208282.2	x	x
G3H1K9	11	11	52.43246	0.004921	1.567938	37C	31C	Alpha-actir	1115244	1282114	1434238	1878087	2010593	2119024	813228	1020557	1082782	2619342	1924030	2168617	x	x
G3H509	1	1	3.384258	0.00496	1.575399	37C	31C	Vacuolar p	28410.15	33033.18	26008.59	42457.05	49114.1	46200.53	20716.48	26294.27	19635.25	59214.26	46999.56	47281.8	x	x
G3HJT0	1	1	2.805306	0.004993	8.519543	37C	31C	Girdin | CC	1262.62	3712.464	4480.385	22997.91	31431.07	26127.3	920.694	2955.106	3382.478	32074.86	30077.85	26738.78	x	x
G3HD12	3	3	10.22599	0.005039	2.584001	37C	31C	cAMP-depe	71382.28	75861.73	90411.46	270176.5	169724	174201.4	52051.47	60385.63	68256.36	376811.4	162416.8	178278.4	x	x
G3I3H9	2	2	3.799972	0.005056	4.44033	37C	31C	Chitinase d	4672.748	7403.52	11803.84	39455.27	30284.62	36295.69	3407.336	5893.172	8911.342	55027.71	28980.76	37145.15	x	x
G3HSX3	2	2	5.679999	0.005077	1.517491	37C	31C	B-cell rece	236723.1	252080.6	302282.2	390721.7	394331.6	415412.5	172616.8	200655.2	228208.7	544934.1	377354.2	425134.8	x	x
G3I7H8	1	1	2.936049	0.005099	2.122039	37C	31C	Methylcrot	319497.2	419253.4	485799.3	937496.1	895128.7	765917.7	232975.2	333724	366755.4	1307513	856590.2	783843.1	x	x
G3GVV9	1	1	4.964763	0.005126	2.218365	37C	31C	D-aminoac	61101.23	90960.4	89372.31	157963.8	179453.7	198171	44554.59	72404.1	67471.85	220309.9	171727.6	202809	x	x
G3I6B2	3	3	11.83532	0.00514	1.85877	37C	31C	Methylmal(	168614.6	192037.5	243991.4	399285.3	369258.1	355350.1	122952.6	152861.1	184201.9	556877.7	353360.2	363666.6	x	x
G3IER2	1	1	2.336978	0.00515	1.870667	31C	37C	Cleavage a	34736.67	32823.36	35759.23	22594.32	17091.71	15545.21	25329.74	26127.26	26996.52	31511.98	16355.85	15909.02	x	x
G3I2D8	5	3	14.93036	0.005166	1.715161	37C	31C	Band 4.1-li	38471.21	47849.55	46267.91	65782.47	82562.77	79065.64	28052.94	38088.05	34930.08	91745.89	79008.14	80916.08	x	x
G3HHV6	1	1	5.301566	0.005172	2.297498	31C	37C	Protein FAI	321418.4	466124.1	446394.5	149140.1	203829	184109.6	234376.1	371032.9	337006.6	208003.6	195053.4	188418.4	x	x
G3HYG7	4	4	13.67226	0.005189	1.892509	37C	31C	DnaJ-like s	115194	136000.2	172396.7	272738.9	267229.1	261681.6	83998.7	108255.6	130151.3	380385.2	255723.9	267806	x	x
G3HQH1	1	1	2.253627	0.005199	1.85235	31C	37C	Cold shock	788851.7	662138.7	590959.6	374450.6	408807.8	319098.1	575225.2	527059.7	446146.5	522241	391207.2	326566.2	x	x
G3GUK0	1	1	5.139054	0.005221	1.596945	31C	37C	Putative fru	523522.3	533871.4	462108.1	318035.1	277378.8	356091.5	381748.8	424959.5	348869.7	443559.1	265436.6	364425.4	x	x
G3HFB4	1	1	2.941539	0.005238	1.782569	31C	37C	Splicing fac	92914.94	85025.58	70181.46	48093.35	40844.91	50255.2	67752.93	67680.01	52983.67	67075.12	39086.39	51431.36	x	x
G3H177	4	4	13.66063	0.005268	1.915425	37C	31C	LMAN2 | LM	316020.9	384928.9	477375.5	763463.4	727037.5	766492.4	230440.2	306401.8	360395.8	1064792	695735.9	784431.3	x	x
G3IHA0	2	2	6.304631	0.005269	2.124435	37C	31C	3-hydroxyis	46379.42	50387.7	54225.59	135348.4	92827.11	92598.62	33819.56	40108.4	40937.75	188768.5	88830.57	94765.79	x	x
G3GXZ0	4	4	15.58962	0.005311	3.089332	37C	31C	Protein-glu	94866.59	124251.4	151098.5	484503.4	285278.4	373939.8	69176.06	98903.6	114072.2	675730.1	272996.1	382691.5	x	x

G3HX09	3	3	8.885314	0.005314	2.689414	37C	31C	Peptidylpro	35833.47	42429.7	56989.15	146617.6	120125.6	97006.22	26129.52	33773.87	43024.1	204485.5	114953.8	99276.54	x	x
G3I775	1	1	5.134581	0.005318	7.00205	37C	31C	UPF0195 p	7775.793	14638.7	28007.78	102363.5	130939.5	119756.2	5670.055	11652.35	21144.54	142765	125302.1	122559	x	x
G3I412	4	4	12.32111	0.005326	2.355211	31C	37C	45 kDa calc	222322.6	211629.9	264050.6	75009.18	123355	98001.25	162116.1	168456.6	199345.7	104614.3	118044.2	100294.9	x	x
G3H559	3	3	15.69517	0.005337	19.42353	37C	31C	Alpha-man	1537.643	4901.306	8753.988	150830.7	76630.91	67638.96	1121.238	3901.42	6608.845	210361.4	73331.67	69221.98	x	x
G3H5P9	3	3	10.05798	0.005344	2.321926	31C	37C	RNA helica	179460	128879.3	113437.1	65214.9	63190.42	53243.99	130861	102587.4	85639.6	90954.31	60469.84	54490.11	x	x
G3I2X1	1	1	2.416751	0.005352	1.995442	31C	37C	UPF0468 p	618045.6	491899.6	452924.5	221704.4	295917.1	265598.5	450674.6	391550	341936.5	309208	283176.8	271814.5	x	x
G3H4I2	5	5	16.25851	0.005355	1.673679	37C	31C	Tropomyos	1917322	2051572	2578127	3433844	3824581	3699189	1398098	1633043	1946364	4789134	3659919	3785765	x	x
G3GXH4	1	1	3.845675	0.005361	2.165581	31C	37C	Cell divisio	425168.3	326243.6	289462.7	162203.7	181264.9	137175.9	310029.8	259688.5	218530.6	226223.2	173460.8	140386.3	x	x
G3GSW3	3	3	10.522	0.005376	1.633211	37C	31C	Coatomer s	299787.2	241363.3	260286.4	438913.2	387902.9	482099.2	218602.7	192124.2	196503.9	612146.1	371202.3	493382.2	x	x
G3H1Z4	3	3	10.25088	0.005379	1.819451	37C	31C	DnaJ-like s	122931.7	142940.8	170224.8	241201.8	293407.4	258848.6	89640.94	113780.3	128511.7	336400.8	280775.2	264906.7	x	x
G3H0V2	3	3	11.30471	0.005382	2.100838	37C	31C	Tumor supp	30078.7	34243.37	43160.58	66667.28	88370.34	70766.03	21933.18	27257.58	32584.19	92979.92	84565.67	72422.22	x	x
G3GVN1	1	1	3.286529	0.005392	6.173942	31C	37C	Transmeml	192452.9	150585.5	98452.33	38262.82	16159.92	17086.01	140335.3	119865.5	74326.83	53364.61	15464.17	17485.89	x	x
G3GZI8	1	1	3.633761	0.00541	3.552059	31C	37C	Phosphoin	99388.95	58813.17	56163.85	25658.57	18499.93	16191.27	72473.74	46815.04	42401.04	35785.65	17703.44	16570.21	x	x
G3I3B6	2	2	8.005368	0.005432	1.959859	37C	31C	Stromal int	32320.08	35337.97	34940.51	82428.47	63380.17	55270.06	23567.58	28128.88	26378.42	114961.8	60651.42	56563.59	x	x
G3HU24	1	1	2.856064	0.005433	2.354646	37C	31C	Aflatoxin B	3618.568	3877.755	5620.837	10959.44	11221.72	8705.108	2638.635	3086.677	4243.465	15284.97	10738.59	8908.841	x	x
G3I2L9	2	2	8.190055	0.005448	2.880069	37C	31C	Sulfatase-r	101011.8	105780	134353.4	443337.4	280579.2	258604.7	73657.07	84200.42	101430.4	618316.5	268499.2	264657.1	x	x
G3GZR1	9	9	30.26372	0.005459	1.522454	37C	31C	Aspartyl-tR	348925.4	395575.1	437059.7	581001.7	567849.1	650020.4	254434	314876.1	329959.3	810314.9	543401.1	665233.4	x	x
G3HCT4	4	4	14.96954	0.00549	2.238186	31C	37C	Putative AT	3109658	2196582	2448845	986870.8	1404499	1073527	2267541	1748470	1848762	1376375	1344030	1098652	x	x
G3H5A6	1	1	3.472166	0.00552	1.674267	31C	37C	Ferritin hea	2092312	1667543	1547564	1100897	1025130	1043969	1525699	1327357	1168337	1535405	980994.4	1068402	x	x
G3I2I1	1	1	2.115552	0.005598	2.222819	31C	37C	DNA helica	315208.3	220241	219077.9	110208.3	130694.5	98543.35	229847.7	175310.9	165393.4	153706	125067.6	100849.6	x	x
G3H8H7	2	2	4.764696	0.005612	2.077967	37C	31C	DnaJ homo	15064.41	20294.64	23167.77	40544.86	36928.61	44143.3	10984.86	16154.45	17490.57	56547.35	35338.7	45176.43	x	x
G3IIE7	4	4	15.66928	0.00568	1.975212	37C	31C	Procollagei	163070.4	165950.4	198218.1	424563.6	316660.5	300184	118909.8	132095.8	149645.2	592132.8	303027.2	307209.5	x	x
G3HQR5	2	2	5.592667	0.005723	2.224573	37C	31C	H-2 class I	19056.76	14215.16	16825.02	45693.36	30273.12	35477.77	13896.06	11315.2	12702.09	63727.9	28969.75	36308.09	x	x
G3IMX9	5	5	17.06294	0.005737	1.57076	37C	31C	von Willebr	115039.9	141982.2	151086.7	215905.5	219807.2	205328.1	83886.29	113017.2	114063.3	301120.4	210343.7	210133.6	x	x
G3I0V9	3	3	8.142396	0.005744	2.365857	31C	37C	Liprin-beta	115971	90129.77	81399.03	46073.61	44049.99	31396.75	84565.23	71742.93	61452.4	64258.22	42153.48	32131.56	x	x
G3ILG2	3	3	8.724005	0.005763	1.651288	31C	37C	THUMP dor	258575.4	215013.5	210975.6	154655.2	122645.4	137263.5	188551.4	171149.9	159276.6	215695.4	117365.1	140476	x	x
G3HQ32	2	2	4.278318	0.005764	1.630353	31C	37C	U3 small nu	81028.92	76472.71	70068.22	40077.03	46372.28	53133.83	59085.73	60871.96	52898.18	55894.87	44375.79	54377.36	x	x
C0SSX9	7	7	24.77077	0.00581	1.952678	31C	37C	ILK | ILK	893189.2	636480.6	629068.6	393378.1	371755.6	340393.4	651307.4	506635.9	474916.9	548639	355750.2	348359.9	x	x
G3GU35	1	1	2.094161	0.00583	3.588545	31C	37C	Putative RN	69308.71	49214.22	41749.81	20925.31	11740.06	11996.95	50539.43	39174.32	31519.13	29184.24	11234.61	12277.72	x	x
G3GT36	1	1	2.600038	0.005894	3.501598	31C	37C	Nucleolar p	216129.8	236322.1	117366.7	48773.27	55318.89	58638.85	157600.3	188111.4	88606.26	68023.39	52937.21	60011.23	x	x
G3I7H3	1	1	2.066515	0.005986	2.523744	31C	37C	GDH/6PGL	135759.1	110555.1	84243.48	36186.08	43107.46	51685.56	98994.61	88001.41	63599.83	50468.22	41251.53	52895.2	x	x
G3I822	1	1	3.989832	0.00599	7.356085	37C	31C	Rab proteir	1177.21	3370.086	4174.158	24735.26	19717.63	19702.87	858.4136	2682.574	3151.291	34497.92	18868.71	20163.99	x	x
G3I453	1	1	3.093856	0.006021	5.483619	37C	31C	Ketosamin	6899.485	13188.67	18836.87	51314.84	80319.87	81815.29	5031.057	10498.13	14220.94	71568.09	76861.81	83730.09	x	x
G3I419	1	1	3.984587	0.006027	8.406431	37C	31C	tRNA pseu	564.0273	834.8122	1649.458	13330.18	6071.423	6223.702	411.2848	664.507	1245.263	18591.42	5810.026	6369.36	x	x
G3H0N2	2	2	6.005693	0.006033	2.352141	31C	37C	Bcl-2-asso	155710.3	132293.8	113597.9	43165.01	59612.68	67961.2	113542.9	105305.3	85761.04	60201.64	57046.14	69551.75	x	x
G3HSM3	6	6	19.61226	0.006035	1.644348	37C	31C	Thimet olig	339901.7	401629.4	445156.4	604890.2	628364	718073.4	247854	319695.4	336072	843631.9	601310.7	734879.1	x	x
G3HP25	1	1	1.917442	0.006039	3.044536	31C	37C	Nucleolar p	51747.5	41401.83	28003.86	10763.8	14811.05	14218.8	37733.92	32955.69	21141.59	15012.12	14173.39	14551.57	x	x
G3HC18	2	1	10.46083	0.006044	2.399	37C	31C	Interleukin	59142.58	67340.91	77852.22	123127.7	199960.7	167112.9	43126.36	53603.09	58774.73	171724.5	191351.6	171024	x	x
G3GT57	1	1	3.815987	0.006048	1.891145	31C	37C	Protein SOI	43061.07	48419.98	53067.49	21304.13	30594.04	24536.24	31399.84	38542.1	40063.44	29712.58	29276.85	25110.49	x	x
G3IBB6	1	1	2.10509	0.006069	3.39745	31C	37C	Epithelial n	136460.2	92996.01	67995.4	29408.98	34023.79	24118.65	99505.8	74024.44	51333.3	41016.29	32558.94	24683.12	x	x
G3I7L3	3	3	8.996863	0.006113	2.783154	37C	31C	Endoplasm	37228.65	42418.31	50873.35	147802.5	85127.18	130328.4	27146.87	33764.8	38406.96	206138.1	81462.14	133378.6	x	x
G3H2M2	1	1	2.812074	0.006134	5.748025	31C	37C	Digestive o	134844.6	113750.7	90351.04	10585.79	15776.15	32605.52	98327.78	90545.12	68210.74	14763.86	15096.93	33368.61	x	x
G3HLS5	1	1	2.136735	0.006163	2.645103	37C	31C	Mitochondi	8235.132	15230.03	11821.29	34811.42	28010.1	30514.8	6005.001	12123.04	8924.513	48551	26804.16	31228.96	x	x
G3H9Q1	1	1	4.390687	0.006168	3.946671	37C	31C	UPF0474 p	8139.743	10109.98	11910.73	58215.4	27192.13	33625.88	5935.444	8047.505	8992.036	81192.2	26021.41	34412.86	x	x
G3HSN5	1	1	2.009775	0.006193	3.205552	31C	37C	Ankyrin rep	39031.15	28831.79	31009.16	13857.27	10227.87	6758.863	28461.24	22949.98	23410.44	19326.55	9787.527	6917.047	x	x
G3HMB9	2	2	8.956701	0.006209	1.550115	37C	31C	Histone H2	838223	737745.5	974372.9	1290492	1384701	1278129	611226.4	587242.4	735605.2	1799831	1325085	1308042	x	x
G3H902	8	8	33.02985	0.00624	2.007673	37C	31C	Prostaglan	241463.8	196013.7	215789.4	541605.2	398341.1	371600.1	176073.7	156026.1	162910.8	755369.2	381191.1	380297	x	x
G3I478	1	1	1.662965	0.006263	1.978226	31C	37C	Activating s	33238.28	26678.2	23131.5	12015.18	14892.32	15073.53	24237.12	21235.73	17463.18	16757.4	14251.15	15426.31	x	x
G3HX92	4	4	13.27878	0.006294	1.821433	37C	31C	Protein arg	115742.6	112579.8	131650.9	262166.4	208056	185444.8	84398.72	89613.08	99390.18	365639.8	199098.5	189784.9	x	x
G3H2H9	2	2	5.781992	0.006316	3.868249	31C	37C	Interleukin	244016.6	164546.1	193081	76321.17	45820.07	33392.65	177935.2	130978	145767	106444.1	43847.35	34174.16	x	x
G3HTG7	1	1	2.17818	0.006334	2.307184	31C	37C	DBIL5 |	403152.4	342219.2	376985.4	197279.5	172179.5	117002.9	293975.9	272405	284606	275143	164766.5	119741.2	x	x
G3H1Y2	1	1	3.093355	0.006388	2.435598	31C	37C	YTH domai	58914.79	84665.4	83112.09	24720	37888.93	30465.66	42960.26	67393.31	62745.68	34476.63	36257.67	31178.67	x	x
G3HFN7	4	4	15.62316	0.00639	2.32059	37C	31C	Pyridoxal-d	48251.01	56679.83	83793.4	151519.3	138326.4	148105.9	35184.3	45116.91	63260.04	211321.8	132370.9	151572.2	x	x
G3ICL7	4	4	11.52939	0.006397	1.842011	37C	31C	Voltage-gat	91117.65	105093.2	133641.5	211462.6	186379.1	209749.8	66442.36	83653.73	100893	294923.9	178354.8	214658.7	x	x

G3HHV8	3	3	11.51294	0.006472	2.01625	37C	31C	Histone de	219785.1	174275.9	234776.1	346453.4	484933.8	436505.7	160265.8	138722.9	177244.8	483193.7	464055.7	446721.7	x	x
G3HCK3	3	3	13.06414	0.006486	1.84043	37C	31C	ATP-depen	359716.5	393090.9	534051.7	787458.5	801168.2	779747.3	262302.8	312898.7	403183.7	1098257	766675	797996.4	x	x
G3HEY9	2	2	5.603318	0.006488	3.382542	31C	37C	Catenin alp	142087.9	106230.8	78269.51	23035.01	38035.95	35480.13	103609.5	84559.25	59089.76	32126.6	36398.36	36310.51	x	x
G3I4L6	7	7	26.0897	0.006491	2.685873	37C	31C	Pyruvate ca	48541.88	49128.84	67922.36	194515.2	132859.7	117387	35396.4	39106.36	51278.16	271287.7	127139.6	120134.3	x	x
G3IIY3	1	1	3.287175	0.006536	2.332341	37C	31C	Beta-arrest	20249.44	13536.73	23664.9	44589.82	46480.37	42925.32	14765.75	10775.18	17865.87	62188.79	44479.23	43929.94	x	x
G3HCX8	5	5	37.71163	0.006578	2.349064	37C	31C	CALR | CAL	7991477	7007839	10487422	24411990	16519628	18938349	5827329	5578211	7917506	34047061	15808398	19381580	x	x
G3I1R2	1	1	5.787635	0.006579	2.064329	37C	31C	Purine nucl	139946.7	134999.8	197830.8	282980.2	362784.8	330203.1	102048.1	107459.3	149352.9	394668.5	347165.6	337931.2	x	x
G3HIT7	22	22	84.75345	0.00659	3.734841	37C	31C	Microtubul	112439.6	115710.7	248857.8	522954.6	632051.5	626543.3	81990.2	92105.24	187875.8	729357.5	604839.4	641206.8	x	x
G3HJJ1	1	1	2.609123	0.006596	1.51549	37C	31C	RPIA |	71882.78	59969.07	78157.75	103094.9	110802.3	104370.2	52416.43	47735.13	59005.39	143785	106031.9	106812.9	x	x
G3HSE5	4	4	15.52733	0.006598	1.65724	37C	31C	Coatomer s	141272.6	142018.7	140697.8	192197	248241	262213.8	103015	113046.3	106220.1	268054.5	237553.3	268350.6	x	x
G3IBF1	2	2	12.50712	0.006611	1.931047	31C	37C	Nucleopho	12476470	9522197	9135406	4634116	6116582	5372201	9097756	7579629	6896798	6463136	5853241	5497931	x	x
G3I4P0	3	3	10.0896	0.006619	2.325348	37C	31C	Craniofacia	49376.97	53611.42	62799.81	94675.57	141456.7	149383	36005.34	42674.47	47410.87	132042.7	135366.5	152879.1	x	x
G3I6T1	1	1	2.863391	0.006684	2.452271	37C	31C	Phospholip	82960.23	72362.84	102378.9	212610.9	160278.9	259065.1	60494.02	57600.52	77291.19	296525.4	153378.3	265128.2	x	x
G3GXB9	2	2	8.422613	0.00669	2.849739	37C	31C	Pyrroline-5	36617.51	35370.73	44469.38	153670.2	92975.61	85228.05	26701.24	28154.96	33572.27	214321.7	88972.67	87222.72	x	x
G3I3B5	1	1	3.926805	0.006786	4.27917	31C	37C	Rho-relate	372154.1	595012	264940.5	94772.33	120424.6	72734.36	271372.2	473627.1	200017.5	132177.6	115239.9	74436.62	x	x
G3GR83	4	4	15.05091	0.006791	2.740671	31C	37C	1,5-anhydr	467361.9	373303.1	422442.7	214615.1	113174.9	133085.5	340797.1	297147.7	318924.2	299320.6	108302.3	136200.2	x	x
G3GV85	1	1	2.514992	0.006809	3.851384	37C	31C	Dolichyl-di	12397.72	22141.88	21355.17	48864.19	90823.31	75584.72	9040.331	17624.84	16122.14	68150.2	86913.04	77353.7	x	x
G3IJ02	3	3	12.6112	0.006869	1.633328	31C	37C	Leucine-ric	590479	480214.3	547354.5	376640.5	322905.3	291098.9	430573.2	382248.6	413226.6	525295.2	309003.1	297911.8	x	x
G3HXA2	2	2	8.134152	0.006892	2.30591	31C	37C	Basic leuci	414701.6	332462.6	371435.9	123901.4	210377.9	150822.1	302397.5	264638.8	280416.5	172803.6	201320.3	154352	x	x
G3H928	1	1	3.505415	0.006921	1.800633	37C	31C	Adenylate k	373596.2	354980.8	512938.2	772979.1	750394.1	712139.9	272423.7	282563.3	387243.9	1078063	718086.9	728806.7	x	x
G3HQR1	1	1	2.356261	0.006953	1.639087	31C	37C	Guanine nu	101013.1	93403.35	83607.81	51071.55	52621.92	65927.96	73658.08	74348.68	63119.92	71228.78	50356.35	67470.93	x	x
G3H4T5	2	2	10.53354	0.006983	1.831081	31C	37C	Glypican-1	316102.8	274541.7	240731.2	179387	135813.8	138834.8	230500	218534.1	181740.7	250188.5	129966.5	142084	x	x
G3H331	2	2	8.734662	0.007003	2.15204	37C	31C	Ras GTPase	43967.79	32824.75	48823.03	99304.64	96936.66	74088.49	32061.01	26128.37	36859.07	138498.8	92763.19	75822.45	x	x
G3I7E4	1	1	2.009712	0.007006	2.348842	31C	37C	Chromatin	98091.09	94622.2	69544.94	28349.69	41424.18	41880.4	71527.34	75318.88	52503.13	39538.91	39640.72	42860.56	x	x
G3GUI3	6	6	19.35935	0.00703	1.674114	37C	31C	Peptidylpro	375956.6	390371.1	393841.3	527090.9	716545.5	698618.9	274145	310733.8	297331.5	735126.3	685695.6	714969.3	x	x
G3IEE6	2	2	7.483921	0.007032	1.586767	37C	31C	Spermidine	326930.1	261717	340111.2	528978.3	457926.4	486818.3	238395.2	208325.7	256767.8	737758.6	438211	498211.8	x	x
G3H392	1	1	3.911994	0.007041	2.133611	31C	37C	Inverted for	133897.4	83450.49	119752.8	50986.07	51458.62	55550.69	97637.09	66426.24	90407.68	71109.55	49243.14	56850.79	x	x
G3H9D1	7	7	23.88409	0.007058	1.588823	37C	31C	Acetyl-CoA	180461.9	140717.6	145047	256222.5	223959.1	260569.9	131591.6	112010.6	109503.6	357350	214316.8	266668.2	x	x
G3HZE1	1	1	1.727482	0.007069	2.35398	37C	31C	Compleme	17019.41	28782.6	24247.43	53671.45	62734.85	48488.68	12410.43	22910.83	18305.66	74854.81	60033.89	49623.5	x	x
G3H7T0	1	1	2.397184	0.007097	1.82168	31C	37C	Guanine nu	108269.6	105135.8	92670.51	46505.06	53639.25	67874.13	78949.43	83687.67	69961.84	64859.95	51329.89	69462.64	x	x
G3I075	3	3	8.893462	0.00711	1.652087	37C	31C	L-asparagir	115781.1	126101.7	160094.4	221765.5	231526	210809.9	84426.75	100376.4	120863.7	309293.2	221558	215743.6	x	x
G3I5H3	1	1	3.271374	0.007122	1.7031	31C	37C	Elongation	1668855	1196186	1527941	844406.3	828950.9	906046.3	1216918	952159.1	1153523	1177682	793261.6	927251.3	x	x
G3HN14	5	5	19.85705	0.007125	1.953511	31C	37C	Transitiona	2026466	1716369	1431110	1027808	851438.4	769290.1	1477685	1366223	1080420	1433469	814780.9	787294.5	x	x
G3HC79	1	1	2.799224	0.007176	4.679116	37C	31C	Putative ala	1999.369	1651.893	3741.941	11637.42	7880.355	15075.88	1457.926	1314.9	2824.988	16230.55	7541.077	15428.72	x	x
G3IAL3	1	1	2.587083	0.007193	4.207581	31C	37C	Mortality fa	140879.8	98198.58	86612.64	14852.02	34058.84	28494.9	102728.5	78165.67	65388.43	20713.91	32592.49	29161.79	x	x
G3GVD0;G	3	3	13.71851	0.007203	1.5083	31C	37C	Actin, cyto	64795032	61439191	53658315	35756578	43848433	39663393	47248089	48905342	40509480	49869198	41960599	40591670	x	x
G3HC45	2	2	14.06552	0.007251	1.664877	37C	31C	Secretory c	225557.9	229254.3	282762.8	374921.3	384803.1	468247.6	164475.3	182485.5	213472.5	522897.4	368236	479206.4	x	x
G3HXK8	5	5	23.50185	0.007263	2.102477	37C	31C	Prenylcyste	449810.4	329728.1	444080.6	1048487	760673.9	763469.8	327998.6	262462.2	335259.8	1462311	727924.2	781338	x	x
G3HN89	3	3	10.08412	0.007325	2.000692	31C	37C	PPT1 | PPT1	152103.6	206785.7	220345	82752.79	103457.7	103306.5	110912.9	164600.6	166350	115414.2	99003.49	105724.3	x	x
G3H316	2	2	8.303385	0.007372	1.796253	37C	31C	AP-3 comp	43690.27	44412.34	33081.76	70603.64	65002.46	82071.68	31858.65	35352.04	24975.15	98469.91	62203.87	83992.48	x	x
G3HLW8	4	4	12.09973	0.007447	1.91619	37C	31C	Signal trans	32651.85	48829.92	45503.33	76277.4	78414.54	88635.59	23809.5	38868.42	34352.85	106383	75038.51	90710	x	x
G3HLW5	2	2	4.850948	0.00745	1.73366	37C	31C	RAB5C | RA	329742.2	299083.9	350112.9	483846.2	538338.5	674963.2	240445.7	238069.6	264318.6	674813.5	515161	690759.9	x	x
G3I6H5	2	2	5.935866	0.007485	1.504555	37C	31C	Fermitin fa	181261.7	174318.6	205331.3	247717.8	308370.2	287834.2	132174.8	138756.8	155015.4	345488.6	295093.7	294570.6	x	x
G3I638	3	3	13.53406	0.007494	1.971578	31C	37C	Eukaryotic	1347483	1139396	898915.7	626903.7	586072.2	504325.9	982575.5	906954.6	678638.6	874333.8	560839.7	516129.1	x	x
G3I4E8	2	2	11.8607	0.007515	2.057913	37C	31C	Fatty acid-l	396403.6	441447.1	587751.6	986892.3	829619.3	1117255	289054.8	351390	443724.5	1376405	793901.2	1143403	x	x
G3GXZ3	1	1	2.183627	0.007523	1.831327	31C	37C	Uncharacte	437178.1	409640.7	337289.6	247203.1	179508.4	219873.4	318787.2	326072.3	254637.6	344770.7	171779.9	225019.3	x	x
G3H4P8	3	3	6.424774	0.0076	2.33986	31C	37C	WW domai	91347.55	71517.58	64191.23	38318.41	34381.67	24338.37	66610	56927.7	48461.33	53442.14	32901.41	24907.98	x	x
G3ICY6	1	1	11.97506	0.007615	1.789684	31C	37C	40S riboso	13474437	10893276	10672785	6508343	7554244	5516569	9825466	8671002	8057446	9077095	7229007	5645678	x	x
G3I5S7	2	2	7.131809	0.007644	1.741037	37C	31C	Coatomer s	218499.2	210310.1	249716.7	336358	376706.5	468274.5	159328.1	167406	188524.3	469113.8	360487.9	479233.9	x	x
G3IMX7	4	4	12.74611	0.007646	1.6155	37C	31C	Bifunctiona	222321	187951.1	247887	377095.1	369004.8	317155.8	162114.9	149608.3	187142.9	525929.3	353117.8	324578.5	x	x
G3HGS2	4	4	14.04117	0.007675	1.749142	37C	31C	Propionyl-C	98418.85	108076.3	104123	218277.3	173840.9	151196.9	71766.34	86028.31	78607.89	304428.2	166356.4	154735.5	x	x
G3I2J5	4	4	10.7829	0.007679	1.634924	37C	31C	Protein unc	151758.4	133254.1	159535.2	208719.8	240526.7	277554.9	110661.2	106069.7	120441.5	291098.6	230171.1	284050.8	x	x
G3HC39	1	1	5.047431	0.007708	1.529081	37C	31C	Farnesyl py	1721336	1919421	2033649	2602041	2784796	3289791	1255186	1527851	1535308	3629030	2664901	3366785	x	x
G3I9A3	1	1	4.621727	0.007709	3.563751	37C	31C	Neudesin |	93360.58	95859.16	119388.4	551380	268807	279615.8	68077.89	76303.5	90132.61	769002	257233.9	286159.9	x	x

G3HH92	1	1	3.038514	0.007709	1.807737	37C	31C	Pirin |	225808.5	231634.9	328315.4	462585.7	492297.7	465561.8	164658	184380.5	247862.5	645161.8	471102.5	476457.8	x	x
G3HP69	7	7	38.6114	0.007771	1.870565	37C	31C	Calnexin |	945572.8	936356.5	1207804	2268173	1635675	1875697	689505.2	745335.9	911834.6	3163389	1565254	1919595	x	x
G3H7P3	1	1	2.46086	0.007778	1.583236	37C	31C	SUMO-acti	64331.9	60983.59	70618.41	87323.39	112048.3	110838	46910.38	48542.68	53313.54	121788.7	107224.2	113432	x	x
G3IC16	1	1	1.954683	0.007797	2.222106	37C	31C	Cysteine-ri	131247.1	139988	150989.7	413042.2	268770.5	256415.8	95704.46	111429.9	113990.1	576064.2	257198.9	262417	x	x
G3HFH0	1	1	1.915149	0.007837	2.817046	31C	37C	Mediator of	26225.3	22689.65	15767.27	8947.183	8382.395	5631.433	19123.31	18060.86	11903.54	12478.51	8021.502	5763.23	x	x
G3IGS8	1	1	2.128149	0.007907	1.842867	37C	37C	Serrate RN	111688.8	86199.55	76273.2	47648.22	46762.13	54358.65	81442.7	68614.49	57582.64	66454.3	44748.85	55630.85	x	x
G3H2I6	2	2	5.945973	0.007919	1.592658	31C	37C	Neural cell	1156607	966816.3	1069961	613783.4	779174	612108.1	843389.8	769581.7	807770.1	856035.1	745627.8	626433.8	x	x
G3H0F0	1	1	2.933452	0.007924	1.981083	31C	37C	Paired amp	117637.1	102387	95171.6	46551.76	67223.91	45327.05	85780.17	81499.6	71850.04	64925.09	64329.68	46387.88	x	x
G3HTR9	1	1	2.581355	0.007936	1.776707	37C	31C	Malic enzyr	62260.44	91305.85	84490.14	142121.2	134554.2	146281.1	45399.88	72679.08	63786.04	198214.4	128761.2	149704.7	x	x
G3H450	2	2	7.703947	0.007936	1.851886	37C	31C	Isocitrate d	205610.6	265615.9	297234.7	508410.7	415248.5	499443	149929.8	211429.1	224398.1	709073.3	397370.5	511131.9	x	x
G3HMD1	1	1	5.064037	0.00794	29.72823	37C	31C	Glyceralde	20122.43	9484.971	3759.687	148960.3	672082.1	170902	14673.14	7549.998	2838.385	207752.9	643146.5	174901.7	x	x
G3HHE4	6	6	25.45314	0.008026	1.792677	37C	31C	Leucyl-tRN	246220.1	217002	299962.9	515158.1	398751.9	454234.1	179542	172732.7	226457.7	718483.7	381584.2	464865	x	x
G3GYK2	1	1	2.217274	0.008029	3.920696	31C	37C	Lysosomal	73059.93	59004.01	52341.67	24662.35	12603.18	9768.371	53274.8	46966.94	39515.48	34396.23	12060.56	9996.988	x	x
G3IKF2	1	1	7.464166	0.008041	1.666617	37C	31C	Adenylyl-su	561532.1	514707.7	645911.5	946353.8	1094348	829464.5	409465.3	409705.2	487632.5	1319866	1047233	848877.2	x	x
G3HG69	2	2	5.347353	0.008058	1.665899	37C	31C	Hepatoma-	127543	120403.5	144828.7	182783.2	226320	245220.7	93003.45	95840.68	109338.8	254925.2	216576.1	250959.8	x	x
G3H4L8	1	1	7.716128	0.008068	2.028784	37C	31C	CDGSH iro	302253	295068.4	415972	817841.5	603898.4	634013.9	220400.8	234873.2	314039.1	1140632	577898.4	648852.3	x	x
G3H6D5	1	1	3.397817	0.008125	2.076756	31C	37C	39S ribosor	139490.8	99873.55	94566.63	59062.14	56684.86	45047.51	101715.7	79498.94	71393.32	82373.14	54244.37	46101.8	x	x
G3HGX3	1	1	4.137763	0.008134	2.198038	31C	37C	Opioid grov	39253.61	39107.65	39981.39	24328.12	15030.81	14481.19	28623.46	31129.53	30184.05	33930.09	14383.68	14820.11	x	x
G3HUL2	5	5	10.12861	0.008191	1.519769	31C	37C	Aldehyde o	257118.5	259520.6	306270	165501.9	204152.8	171815	187489	206577.3	231219.3	230823.2	195363.2	175836.1	x	x
G3IBL0	1	1	3.149209	0.008197	2.53634	37C	31C	Protein FAI	14152.5	16790.93	14965.28	26874.78	49273.75	40291.59	10319.91	13365.51	11298.07	37481.88	47152.34	41234.56	x	x
G3HA11	1	1	3.430576	0.008202	2.838005	37C	31C	Transducin	11510.41	12075.1	7795.731	21466.48	30263.78	37329.85	8393.313	9611.727	5885.407	29939	28960.82	38203.51	x	x
G3HYU7	4	4	17.92769	0.008208	1.668607	31C	37C	Exportin-5	397928.2	288602.6	298788.3	197932.5	201430.8	191140.7	290166.5	229726.4	225571	276053.7	192758.5	195614.1	x	x
Q91Z81	5	5	19.25844	0.008243	1.698512	37C	31C	Protein disı	2821338	3394333	4061561	6185031	5792945	5478021	2057300	2701875	3066285	8626177	5543538	5606228	x	x
G3GZB3	1	1	2.881434	0.008294	1.817822	31C	37C	Pericentrio	138572.3	118742.6	96378.4	68750.38	68598.57	57220.8	101045.9	94518.6	72761.11	95885.19	65645.16	58559.99	x	x
G3HG42	1	1	2.87466	0.008322	1.650371	31C	37C	Selenoprot	64555.15	63400.38	54323.8	30624.26	39333.23	40489.99	47073.17	50466.44	41011.89	42711.23	37639.79	41437.61	x	x
G3HUV2	1	1	2.440751	0.00835	2.606993	31C	37C	Alpha-parv	507598.5	399885.1	346377	198764.8	168817.2	113378.5	370137.3	318306.9	261498.2	277214.5	161549	116031.9	x	x
G3GR93	3	2	8.396534	0.008399	1.829576	31C	37C	Nucleolar (	337318.3	342634.5	245146.7	155569.4	187817	162249.7	245970.1	272735.7	185074.2	216970.4	179730.8	166047	x	x
G3GY09	1	1	4.272197	0.008452	3.005366	31C	37C	Protein LLP	203722.3	158963.3	153575.3	42659.57	84291.45	44828.67	148552.9	126534.1	115942	59496.71	80662.4	45877.84	x	x
G3HC77	1	1	2.601811	0.008535	1.985277	31C	37C	Cell divisio	721162.5	537492.6	540712.2	359068.6	297249.8	250037.3	525866.7	427841.9	408212	500788	284452.1	255889.1	x	x
G3IDJ8	5	5	19.11782	0.008561	2.622058	37C	31C	ATP-depen	52967.61	51832.85	87032.19	141178.3	155693.7	206124.2	38623.61	41258.73	65705.17	196899.4	148990.5	210948.3	x	x
G3HBI1	4	4	17.30379	0.008598	2.717619	37C	31C	Peroxidasir	41366.67	33094.19	58296.48	142386.4	126478.2	91919.31	30164.29	26342.84	44011.08	198584.3	121032.8	94070.58	x	x
G3HUI7	2	2	5.711466	0.008638	1.925591	37C	31C	Protein ERO	177220.6	211310.6	270760.3	468243.1	426309.5	374973.4	129228	168202.3	204411.2	653052.1	407955.3	383749.3	x	x
G3H892	1	1	3.062897	0.008666	1.693603	37C	31C	Aminoacyla	92966.74	111023	108631.7	210147.8	164101.7	155207.2	67790.7	88373.88	82011.8	293090.3	157036.5	158839.6	x	x
G3H385	1	1	3.973462	0.008779	1.700354	31C	37C	Zinc finger	494085.8	690395.5	504816.7	326176.7	330029.1	337291.9	360284	549552	381112.6	454914.1	315820.2	345185.9	x	x
G3HPN2	1	1	1.935494	0.008825	3.355764	37C	31C	Coiled-coil	65741.9	82932.42	154811.2	379932.8	292979.5	345513.3	47938.54	66013.86	116875.1	529887	280365.7	353599.7	x	x
G3I4K9	1	1	2.228767	0.008842	5.575511	31C	37C	RBM4 |	66687.14	64835.89	54261.24	16114.37	12566.36	4640.745	48627.8	51609.1	40964.66	22474.49	12025.34	4749.356	x	x
G3HJ94	1	1	4.054782	0.00889	1.618152	37C	31C	Ribosomal	78225.02	97294.01	77127.18	120185.4	136624.1	152010.4	57041.15	77445.63	58227.36	167620.9	130741.9	155568	x	x
G3H344	3	3	8.596047	0.008994	1.556288	37C	31C	Inositol 1,4	191601.1	204632.8	248354.7	369135.1	324182.9	309847.5	139714.2	162886.8	187496	514827.6	310225.6	317099.1	x	x
G3HP24	12	12	53.35123	0.009011	1.902988	37C	31C	Isoleucyl-tl	256405.5	295294.2	409607.2	619548.4	620123.5	589683.9	186969.1	235053	309234	864075.4	593424.9	603484.8	x	x
G3H3X1	1	1	3.904072	0.009015	2.351094	31C	37C	Apoptosis-i	117377.9	75648.5	76996.11	44350.25	39471.09	31028.38	85591.13	60215.89	58128.41	61854.68	37771.72	31754.57	x	x
G3GZU9	1	1	2.645358	0.009046	1.718429	37C	31C	Transmeml	21955.05	30937.93	31140.24	47238.91	47249.51	49916.66	16009.47	24626.47	23509.4	65883.45	45215.25	51084.91	x	x
G3I486	5	5	15.40064	0.009079	1.589658	37C	31C	Heterochro	143312.7	156000.2	167671	236792.2	216464.8	289087.6	104502.6	124175.5	126583.6	330250.8	207145.2	295853.4	x	x
G3H8Q4	2	2	10.38508	0.009104	1.828708	37C	31C	Acidic leuc	416386.7	333048.5	459570.3	834095.2	753687.9	623134.7	303626.3	265105.2	346953.8	1163301	721238.9	637718.4	x	x
G3HCX7	2	2	5.052719	0.009217	1.650133	37C	31C	Phenylalan	57378.01	65453.95	81913.81	106083.8	114080.9	117693.1	41839.65	52101.08	61841.04	147953.6	109169.3	120447.5	x	x
G3GYX3	1	1	3.323554	0.009247	4.682069	37C	31C	T-complex	36718.39	26966.55	31110.07	241820.2	109832.3	92184.23	26774.8	21465.26	23486.63	337263.3	105103.6	94341.69	x	x
G3HMN6	1	1	4.356493	0.009301	1.616531	31C	37C	Mitochondı	158350.2	182256.9	178955.8	98969.01	94587.26	127849.8	115467.9	145075.7	135103.1	138030.7	90514.94	130842	x	x
G3H1V2	2	2	7.650675	0.009323	3.4135	37C	31C	Protein lun	8688.663	14447.03	16764.24	34170.33	40933.04	61095.05	6335.713	11499.78	12656.2	47656.88	39170.72	62524.91	x	x
G3II47	6	6	24.67178	0.009324	2.185509	37C	31C	Aconitate h	1122789	1292099	1666521	3669067	2809525	2441360	818729.8	1028505	1258144	5117197	2688565	2498497	x	x
G3HBD6	1	1	2.503205	0.009378	2.857743	37C	31C	C-jun-amin	12329.3	23476.56	23943.46	63502.9	48641.68	58603.59	8990.441	18687.24	18076.17	88566.6	46547.48	59975.14	x	x
G3HIC6	1	1	2.404628	0.009422	1.565035	31C	37C	Selenocyst	64987.6	55290.21	53350.9	42664.96	34373.28	33904.16	47388.51	44010.78	40277.4	59504.22	32893.38	34697.65	x	x
G3GS08	1	1	2.551822	0.009442	4.127842	37C	31C	Nuclear po	44141.81	68759.34	122592.9	356906.5	363024.4	252151.4	32187.9	54732.15	92551.82	497772.5	347394.9	258052.7	x	x
G3HNJ3	1	1	2.895648	0.009454	2.854828	37C	31C	Clusterin |	52609.56	54242.29	62296.81	233251.7	123237.2	126401.5	38362.53	43176.64	47031.13	325312.9	117931.4	129359.8	x	x
G3GTU0	1	1	7.338415	0.009492	2.299485	31C	37C	Zinc finger	211081.1	166824.5	206190.6	61262.45	83613.77	109135.5	153918.9	132791.6	155664.1	85441.88	80013.89	111689.7	x	x
G3I3A8	3	3	10.78294	0.009496	1.585108	37C	31C	Nuclear mi	27447.12	34464.55	34900.67	46269.84	57040.9	50147.24	20014.25	27433.64	26348.35	64531.89	54585.08	51320.88	x	x

G3GZ25	2	2	5.944875	0.009498	1.565011	31C	37C	RPP40 |RP	344399.2	296285.3	274809.5	217118.4	196836.1	171021.6	251133.5	235841.9	207468.1	302812.1	188361.6	175024.2	x	x
G3H4J1	1	1	2.704704	0.009567	3.631895	31C	37C	E3 ubiquiti	451556.7	307378.6	270858.1	60041.85	136839.5	86660.32	329272	244672.1	204485	83739.53	130948.1	88688.5	x	x
G3HU16	1	1	3.777933	0.009658	1.695107	37C	31C	Protoporph	22022.23	23301.91	27965.89	35267.11	47667.06	41300.32	16058.46	18548.23	21112.92	49186.54	45614.82	42266.91	x	x
G3IDS3	6	6	18.18311	0.009679	3.112363	37C	31C	Putative he	16444.98	29940.93	35717.17	70089.03	89343.53	96102.06	11991.56	23832.86	26964.77	97752.19	85496.97	98351.22	x	x
G3I6U8	2	2	5.859787	0.009709	2.222032	37C	31C	LEM domai	21543.81	27554.2	36030.8	68848.96	68324.85	51985.13	15709.59	21933.03	27201.54	96022.68	65383.22	53201.78	x	x
G3HLG7	1	1	2.75609	0.009712	1.98593	31C	37C	PDCL |	211423.5	191295.6	159310.3	73055.03	99182.1	110768.6	154168.5	152270.5	120271.7	101888.8	94911.95	113361	x	x
G3HZE9	4	4	16.46946	0.009719	1.584697	37C	31C	Valyl-tRNA	101251.4	126223.8	117391.1	185462.6	157597.9	203448.2	73831.83	100473.6	88624.72	258662.1	150812.7	208209.6	x	x
G3HQQ9	1	1	3.107944	0.009727	1.559584	31C	37C	ATP-bindin	133574	149863.2	131072.7	78846.39	82402.84	104533.1	97401.26	119290.5	98953.63	109966	78855.1	106979.6	x	x
G3HUQ1	4	4	12.35275	0.00976	1.636744	37C	31C	Protein unc	52535.6	47354.35	41834.69	80411.67	65406.1	86149.24	38308.6	37693.87	31583.2	112149	62590.13	88165.46	x	x
G3HDQ1	2	2	5.377798	0.009773	1.56468	37C	31C	UTP--gluco	81030.12	100642	93373.17	159606.3	124620.4	146131.2	59086.6	80110.65	70492.31	222600.7	119255	149551.2	x	x
G3HQQ7	1	1	3.076659	0.009826	4.956308	31C	37C	Serine/thre	129845	100160.3	93952.69	23174.69	32350.92	9837.153	94682.06	79727.17	70929.82	32321.41	30958.09	10067.38	x	x
G3HYG1	1	1	4.239294	0.009863	2.06002	31C	37C	Replicatior	49650.95	37255.46	31193.8	21865.6	18278.94	17185.09	36205.13	29655.19	23549.83	30495.64	17491.97	17587.29	x	x
G3HAN3	4	4	10.15181	0.009928	1.698017	31C	37C	RNA-bindir	661602.6	551275	452234.5	322064.5	316723.4	341833.9	482436	438812.6	341415.5	449178.9	303087.3	349834.1	x	x
G3HV90	2	2	4.444813	0.009935	1.667528	31C	37C	55 kDa eryt	18933.97	15839.1	14040.72	11117.47	9176.623	8979.054	13806.52	12607.86	10600.08	15505.38	8781.536	9189.198	x	x
G3H6U1	3	3	12.98767	0.009948	2.006691	31C	37C	Nucleolar F	682113.6	622541.2	424939.8	277656.5	300385.9	283871.4	497392.5	495540.2	320809.4	387243.6	287453.2	290515	x	x
G3IIT6	3	3	9.011731	0.009959	2.611224	37C	31C	Cysteinyl-t	68189.83	85718.77	138480	227181.9	279191.2	257119.1	49723.55	68231.78	104545.8	316847.4	267171	263136.7	x	x
G3HEI6	1	1	2.569292	0.009965	13.15481	37C	31C	Lysyl oxida	7500.525	6305.137	6363.397	181851.6	47075.5	36392.97	5469.331	5018.863	4804.062	253625.9	45048.73	37244.71	x	x
G3H3P1	2	2	7.013593	0.009975	1.555024	37C	31C	RAB18 |RA	572982.9	496650.7	665153	947514.4	934225.5	815894.4	417815.2	395331.9	502158.9	1321485	894003.8	834989.5	x	x
G3IHK4	2	2	6.907306	0.009982	2.845855	37C	31C	Eukaryotic	18278.33	32870.29	33729.2	97783.44	65076.25	78690.26	13328.43	26164.61	25463.95	136377.2	62274.49	80531.92	x	x
G3HX62	2	2	4.555288	0.009986	2.554974	37C	31C	Rac GTPas	11526.35	17759.54	12241.8	25697	42182.48	38222.68	8404.934	14136.52	9241.976	35839.25	40366.37	39117.24	x	x
G3HRW0	1	1	2.651005	0.00999	3.808501	31C	37C	Transcriptic	54158.26	43312.74	40364.18	12119.66	17618.32	6453.473	39491.83	34476.76	30473.04	16903.12	16859.79	6604.51	x	x
G3HQP7	6	6	19.55702	0.010083	3.178963	37C	31C	Flotillin-1 |	54151.98	66188.57	123567.9	305070.8	243834.6	226470.3	39487.25	52685.83	93287.87	425478	233336.6	231770.6	x	x
G3IAE3	1	1	5.11311	0.01012	1.686518	31C	37C	UPF0568 p	270388.2	244813.5	242183.4	157661.6	172199.8	119220.7	197165.2	194870.5	182837	219888.4	164786	122011	x	x
G3HCD5	5	5	17.67432	0.010142	1.543993	37C	31C	Golgin subf	43474.09	50849.83	58592.73	72502.8	79960.39	83639.12	31701.01	40476.25	44234.73	101118.6	76517.8	85596.59	x	x
G3I886	1	1	6.762461	0.010223	2.437014	31C	37C	TRM112-lik	681730.3	606698.5	403557.4	250157	259355.3	184774.4	497113	482929.5	304666.7	348890.5	248189.1	189098.8	x	x
G3HD44	2	2	6.434071	0.010254	1.677634	31C	37C	Vacuolar p	696201.6	670527.8	544777.8	446059.3	344479.3	348867.9	507665.4	533737.3	411281.4	622112.7	329648.2	357032.8	x	x
G3GV27	1	1	5.008209	0.010279	3.290091	37C	31C	Importin-1	14010.92	13237.15	23135.11	36490.73	63474.55	65799.97	10216.67	10536.71	17465.91	50893.1	60741.74	67339.94	x	x
G3H1S2	4	4	23.51245	0.010318	2.688468	37C	31C	UDP-gluco	150559.1	161254.1	254874.6	661292.8	435447.6	426781.6	109786.7	128357.6	192418.2	922295.8	416700	436769.9	x	x
G3H6X6	7	7	23.20777	0.010362	1.630904	37C	31C	Utrophin |U	88795.47	83163.16	115925.8	164811.6	160345.8	144354.6	64749.04	66197.53	87518.48	229860.4	153442.3	147733.1	x	x
G3IFK8	1	1	3.643281	0.010363	2.088064	37C	31C	MAM doma	40870.3	47134.39	29038.88	94955.01	74103.94	75335.48	29802.34	37518.78	21922.97	132432.4	70913.5	77098.62	x	x
G3HQD2	1	1	2.269032	0.010439	3.319783	31C	37C	Inositol hex	40113.38	29934.08	28232.56	9743.42	5864.852	13996.07	29250.4	23827.4	21314.24	13589.01	5612.349	14323.64	x	x
G3H515	3	3	7.160952	0.010445	1.537764	37C	31C	Ras-relatec	807572.1	878507.7	906029.2	1441444	1108972	1435634	588876	699288.5	684009	2010362	1061227	1469234	x	x
G3H168	1	1	2.561484	0.010463	2.070692	31C	37C	PDZ and LI	165580.6	237557.6	156301.2	76590.42	89587.08	103992.8	120740.2	189094.9	118000	106819.6	85730.03	106426.7	x	x
G3HL97	1	1	2.854188	0.01047	6.921641	31C	37C	RAP2B |	145385.3	102200.7	95750.33	21304.2	22423.37	5875.742	106013.9	81351.35	72286.95	29712.67	21457.96	6013.257	x	x
Q6V9Y0	1	1	3.833791	0.010586	5.171291	37C	31C	AP-3 comp	19148.17	11929.92	9259.945	106587.1	39856.27	62156.39	13962.71	9496.171	6990.819	148655.5	38140.32	63611.09	x	x
G3HJT5	2	2	6.704006	0.010629	1.988964	37C	31C	Quinone ox	64853.79	72535.02	80208.76	184669.3	118540.6	129583.8	47290.94	57737.57	60553.8	257555.6	113437	132616.5	x	x
G3HKV9	1	1	3.815011	0.010687	3.858318	37C	31C	Group XV p	14325.94	11387.57	25065.12	88045.26	62712.7	45162.14	10446.38	9064.457	18922.98	122795.5	60012.69	46219.11	x	x
G3I973	13	13	60.92236	0.010714	2.437888	37C	31C	Hypoxia up	1834955	1652492	2504578	6356881	4422345	3828661	1338036	1315377	1890837	8865853	4231947	3918267	x	x
G3H9Z4	2	2	5.267257	0.010724	1.877325	31C	37C	Serine-thre	1233274	966710.3	823937	587906.4	558989.4	463865	899294.8	769497.4	622033.3	819944.8	534922.9	474721.2	x	x
G3HTE5	1	1	2.529682	0.010847	2.175794	37C	31C	Lysosomal	104620.5	145760.8	161796	357911.4	241539	297362.6	76288.54	116025	122148.3	499174	231139.8	304322	x	x
G3H6K9	1	1	3.436181	0.010866	1.623379	37C	31C	Four and a	245976.8	305849.1	354886.5	472630.8	518145.5	481162.1	179364.6	243454.6	267922.5	659171.6	495837.4	492423.1	x	x
G3HR95	1	1	4.196834	0.0109	2.274611	37C	31C	Carboxype	25258.31	32262.95	41374.44	60312.32	74131.26	90505.67	18418.19	25681.18	31235.74	84116.74	70939.64	92623.85	x	x
G3GVP9	1	1	3.251881	0.010909	5.697733	31C	37C	Cell divisio	79761.35	62036.74	53307.7	11442.24	18146.43	4654.03	58161.43	49380.99	40244.78	15958.33	17365.16	4762.952	x	x
G3GXD7	8	6	32.70998	0.010932	1.521682	31C	37C	Fatty acid s	2735447	2387453	2005164	1612506	1509992	1561835	1994669	1900403	1513803	2248940	1444982	1598388	x	x
G3HUV4	1	1	2.910599	0.010969	3.789891	37C	31C	Protein MI(	6038.352	5410.981	13865.98	37738.86	32114.61	26088.78	4403.125	4307.118	10468.15	52633.86	30731.96	26699.36	x	x
G3IHE8	2	2	5.610527	0.011068	1.885734	31C	37C	Leucine-ric	136839.8	123248.7	136709.6	90770.99	62703.69	56946.4	99782.66	98105.48	103209.3	126597	60004.07	58279.16	x	x
Q27PQ3	1	1	1.93943	0.011095	1.741747	31C	37C	Cytochrom	395679.5	319574.3	265886.6	195128.2	195081.6	173098.4	288526.7	254379.8	200731.7	272142.5	186682.6	177149.6	x	x
G3H6V7	4	4	16.73932	0.01125	2.448946	37C	31C	Lipoproteir	200119.5	235722.2	357893.7	798150.5	570414.8	575250.1	145925.8	187633.9	270192.7	1113169	545856.4	588713.2	x	x
G3GRA0	1	1	3.894561	0.011256	1.837296	37C	31C	Lamin-B re	8930.644	8942.233	6604.336	12727.19	14703.57	17541.12	6512.164	7117.98	4985.96	17750.44	14070.53	17951.65	x	x
G3H7Z2	2	2	7.805451	0.011257	3.19597	31C	37C	Transgelin	457070	396823.4	473153.2	75612.42	165882.2	173730.4	333292.3	315869.8	357208.2	105455.6	158740.4	177796.3	x	x
G3HBR6	1	1	5.558503	0.011264	837.2659	37C	31C	Phosphogly	0	459.5121	0	94555.28	173726.8	116451.7	0	365.7697	0	131874.9	166247.3	119177.1	x	x
G3HKE3	1	1	2.729034	0.011327	1.910401	31C	37C	S-adenosyl	106719.9	95933.56	95230.65	58256.07	59569.09	38102.41	77819.43	76362.72	71894.62	81248.93	57004.42	38994.15	x	x
G3HS70	1	1	3.383439	0.011328	2.255123	37C	31C	Coronin |C	8965.814	10133.48	16530.79	28348.62	27184.51	24817.1	6537.81	8066.21	12479.96	39537.43	26014.12	25397.92	x	x
G3H832	1	1	6.908461	0.011372	2.240159	31C	37C	Translation	9920808	7626047	6025410	3713050	3999514	2810023	7234184	6070302	4548899	5178539	3827321	2875789	x	x

G3GWP1	5	5	12.71244	0.011423	2.768735	37C	31C	37C	Protein trar	67129.51	100753.8	152129	266272.9	304294.8	315461.5	48950.37	80199.58	114850.2	371367.2	291193.8	322844.5	x	x
G3HCQ6	1	1	2.233609	0.011428	1.984296	37C	37C	37C	Uncharacte	72535.67	58381.88	50001.84	36816.99	29236.6	25122.02	52892.51	46471.73	37749.01	51348.14	27977.86	25709.97	x	x
G3HMV6	1	1	4.417599	0.011476	1.877198	37C	37C	37C	Hydroxyme	64603.56	59188.46	57798.27	145840.1	97034.57	98006.15	47108.47	47113.77	43634.95	203401.2	92856.88	100299.9	x	x
G3I7X1	1	1	4.106676	0.011574	9.628018	37C	37C	37C	Flotillin-2 |	1111.367	1753.265	5022.838	41832.94	16413.06	17694.71	810.4014	1395.592	3792.004	58343.82	15706.42	18108.84	x	x
G3GS78	2	2	8.260459	0.011742	2.193323	37C	31C	37C	DnaJ-like s	63890.5	72354.77	117200.5	178710.6	194322.3	182855.7	46588.51	57594.1	88480.85	249245.2	185956	187135.3	x	x
G3IJD9	1	1	2.29267	0.011834	1.9627	37C	37C	37C	Beta-parvir	223417.4	197277.8	158006	110907.8	107043.9	76897.66	162914.4	157032.3	119287	154681.6	102435.3	78697.36	x	x
Q6E6J6	4	4	20.83787	0.011973	2.018001	37C	31C	37C	Chromobo	343592.6	359287.3	468809.4	610959.2	939004.1	814506.7	250545.4	285991.2	353928.8	852096.2	898576.6	833569.3	x	x
G3HYU6	2	2	5.430914	0.012006	2.145564	37C	37C	37C	DNA-direct	312756.4	288416.8	185191.6	122723.8	131854.2	111929.2	228059.8	229578.6	139810.9	171161.1	126177.4	114548.8	x	x
G3HXL1	1	1	3.296539	0.012254	2.614271	31C	37C	37C	Poly(rC)-bi	2979986	3529887	2609817	736044.6	1477699	1274681	2172985	2809775	1970288	1026551	1414079	1304514	x	x
G3HN81	1	1	1.916826	0.012296	2.575365	31C	37C	37C	Peptidyl-pr	63353.81	50861.95	38639.56	25946.46	18850.16	14556.26	46197.16	40485.9	29171.03	36187.16	18038.59	14896.93	x	x
G3I883	1	1	4.128237	0.012345	2.383335	37C	31C	37C	Phosphoin	48902.82	49997.25	74766.67	161499.3	151056.8	101349.9	35659.6	39797.6	56445.28	225240.8	144553.2	103721.9	x	x
G3H530	1	1	4.032804	0.012404	1.555604	31C	37C	37C	Sorting nex	1294656	1099569	1092075	860409.7	743972	636741.6	944054.3	875252.4	824464.4	1200001	711941.3	651643.8	x	x
G3IBW2	1	1	4.928586	0.012407	3.852719	37C	31C	37C	Cytochrom	32956.93	30246.02	77328	231822.1	161661.9	147942.3	24031.96	24075.7	58378.96	323319	154701.7	151404.8	x	x
G3HCF8	1	1	2.362273	0.012422	1.610567	31C	37C	37C	Endophilin-	285667.9	236924.2	206170.6	135661.8	153966.2	162860.3	208307.1	188590.7	155649	189205.7	147337.4	166671.9	x	x
G3INF7	2	2	4.407561	0.012454	1.574984	37C	31C	37C	Glutathion	94773.29	83610.54	89473.33	161874.5	116267.4	143729	69108.03	66553.65	67548.12	225764.1	111261.6	147092.8	x	x
G3HFY6	1	1	9.584419	0.012456	2.087542	37C	31C	37C	Stromal cel	134470.3	148648.8	157652.2	398462.4	230673.7	290992.8	98054.81	118323.9	119019.9	555729.9	220742.3	297803.1	x	x
G3HRN5	1	1	3.171521	0.012527	1.9778	37C	31C	37C	SPRY doma	20128.73	24124.72	31359.24	53689.87	54978.99	40877.91	14677.73	19203.18	23674.74	74880.51	52611.95	41834.61	x	x
G3HND2	1	1	4.6817	0.012675	1.719553	37C	31C	37C	Histone de	134657.2	124543.2	190156.2	261055	255372.8	256264.5	98191.1	99135.89	143558.9	364089.8	244378	262262.1	x	x
G3I2H2	1	1	3.026798	0.012783	2.81136	31C	37C	37C	39S ribosor	384850.8	264772.4	188425.8	95397.13	120434.1	82262.57	280630.5	210757.8	142252.5	133049	115249	84187.84	x	x
G3HC66	1	1	3.589148	0.01285	2.867964	31C	37C	37C	Cyclin-dep	1045379	661788.9	634718.4	198910.3	377875.6	239781.7	762283.3	526781.2	479182.2	277417.4	361606.7	245393.5	x	x
G3H935	6	6	18.11836	0.012924	1.727399	37C	31C	37C	Tyrosine--tl	141063.9	178585.4	220443.9	320623.8	294829.8	317502.9	102862.8	142153.2	166424.7	447169.5	282136.3	324933.7	x	x
G3IGL0	1	1	4.559397	0.012929	2.17774	31C	37C	37C	Putative he	5099729	4892578	2958226	2029355	1941535	1975887	3718687	3894472	2233320	2830313	1857945	2022131	x	x
G3GWZ6	1	1	3.495682	0.012972	1.740116	31C	37C	37C	Nucleoside	210812.5	186544.4	186781.1	125470.1	85539.35	124679.5	153723	148488.5	141010.8	174991.5	81856.57	127597.5	x	x
G3IMH8	2	2	8.294682	0.013005	9.810162	37C	31C	37C	Metastasis	3001.647	5320.697	5949.56	86292.58	35530.9	18186.22	2188.78	4235.253	4491.635	120351.1	34001.16	18611.85	x	x
G3GZ90	8	8	26.84342	0.013063	1.854297	37C	31C	37C	Calumenin	1620207	1927148	2584612	4208597	3729159	3432730	1181444	1534002	1951259	5869672	3568605	3513069	x	x
G3HM30	2	2	6.66687	0.013166	1.894956	31C	37C	37C	Zinc finger	124506.1	94334.96	83389.84	58596.69	56809.92	44085.73	90789.01	75090.24	62955.37	81723.98	54364.05	45117.5	x	x
G3HEN3	2	2	9.992614	0.013315	2.238568	31C	37C	37C	Protein HIF	277008.2	237362.4	191253.3	104702.6	133815.3	76694.22	201992.4	188939.5	144387.2	146027.3	128054.1	78489.16	x	x
G3HV16	2	2	6.240617	0.013319	2.081339	31C	37C	37C	Niban-like |	761399.8	637027.6	516583.4	387565.1	286633.3	245887.8	555207.5	507071.3	389995.9	540531.6	274292.7	251642.5	x	x
G3HLR4	1	1	2.887517	0.013321	4.894911	37C	31C	37C	GHITM | GH	20025	64923.37	46750.46	276613.1	149382.9	218658.1	14602.09	51678.74	35294.37	385788.5	142951.4	223775.5	x	x
G3IA72	2	2	5.308504	0.013332	1.57114	31C	37C	37C	Profilin | PF	1103310	794605.3	1031759	615403.7	657162.4	592114.3	804525.8	632502.5	778929	858295	628869.2	605972	x	x
G3HFY1	1	1	2.983594	0.013663	2.227896	37C	31C	37C	Protein pho	14719.09	23076.62	22583.56	55361.14	43017.63	36139.98	10733.06	18368.89	17049.52	77211.4	41165.57	36985.79	x	x
G3HGC0	2	2	4.637797	0.013664	1.93991	31C	37C	37C	Serine/thre	68346.76	55937	56885.26	22976.17	37992.94	32421.33	49837.98	44525.62	42945.67	32044.54	36357.2	33180.11	x	x
G3H0F1	1	1	3.723326	0.013685	2.153924	37C	31C	37C	Alpha-man	11460.71	18193.81	15108.44	31899.45	25404.72	39111.82	8357.069	14482.19	11406.16	44489.71	24310.95	40027.19	x	x
G3GRE9	1	1	3.186926	0.01372	2.123744	31C	37C	37C	RRP15-like	145086.6	123746.8	105494.2	74935.3	58040.62	43282.37	105796.2	98501.92	79643.08	104511.2	55541.76	44295.34	x	x
G3GRD4	1	1	2.216214	0.013747	1.720972	31C	37C	37C	MOSC dom	39208.02	40990.6	47912.3	19420.1	26880	28140.91	28590.22	32628.35	36171.51	27084.94	25722.72	28799.52	x	x
G3IDM2	1	1	4.162164	0.013756	1.954348	31C	37C	37C	Cofilin-1 | (	45663.53	50040.51	61830.07	20302.88	31731.15	28572.98	33297.53	39832.04	46678.77	28316.15	30365	29241.7	x	x
G3HCL8	4	4	12.82828	0.013966	2.217363	37C	31C	37C	Cdc42-inte	37764.52	49078.13	69494.98	101969.9	135568	109119.3	27537.62	39065.99	52465.41	142216	129731.3	111673.1	x	x
G3IPK9	2	2	6.914105	0.01407	2.263508	37C	31C	37C	Adenylate k	98763.86	118126.2	142025.4	206188.3	248997	357222.8	72017.92	94027.96	107222.4	287567.9	238276.7	365583.2	x	x
G3H3E4	4	4	17.53245	0.01426	5.242068	31C	37C	37C	Galectin-3·	444435	497822.5	740023.5	201830.4	62467.46	56621.43	324078.9	396264.6	558682.6	281490.1	59778.01	57946.6	x	x
G3GSY8	2	2	6.866595	0.01435	2.067143	31C	37C	37C	5'-3' exorib	129898.9	115367.7	105457	70133.26	59965.15	39567.43	94721.39	91832.2	79615.04	97813.88	57383.43	40493.47	x	x
G3I1E0	2	2	8.394493	0.014404	2.715841	37C	31C	37C	Propionyl-(	61717.26	89639.97	131920.3	318851.7	235149.1	215336	45003.8	71353.05	99593.55	444697.9	225025.1	220375.7	x	x
G3H066	4	4	16.647	0.014473	1.522431	37C	31C	37C	V-type prot	200381.7	219046.7	257171.4	372054.1	296744.1	361278.6	146116.9	174360.3	194152.2	518898.6	283968.2	369733.9	x	x
G3IJU9	1	1	2.00313	0.014581	2.090593	37C	31C	37C	Pre-mRNA-	34593.15	49996.38	37427.55	88048.63	64315.85	102723.6	25225.09	39796.91	28256.02	122800.2	61546.82	105127.7	x	x
G3HW57	2	2	5.6647	0.014597	12.43196	31C	37C	37C	Cell divisio	41498.73	48797.59	30307.04	2142.812	617.655	6940.605	30260.58	38842.68	22880.38	2988.551	591.0628	7103.042	x	x
G3I841	1	1	4.471027	0.01469	1.789369	31C	37C	37C	O-phospho	47642.9	45730.62	59099.6	31138.5	22094.35	31977.71	34740.87	36401.38	44617.39	43428.43	21143.1	32726.11	x	x
G3I7M1	1	1	2.79082	0.014778	2.876375	37C	31C	37C	Ataxin-2-lik	34017.14	51950.61	53289.38	89715.44	182940.8	127899.5	24805.06	41352.47	40230.95	125124.9	175064.5	130892.9	x	x
G3H478	1	1	5.105983	0.014877	1.532414	31C	37C	37C	Armadillo r	193735.9	153463.5	202861.8	109268	132526.2	117156.6	141270.9	122156.3	153151	152394.6	126820.4	119898.5	x	x
G3H3X5	1	1	2.466582	0.014896	1.721865	31C	37C	37C	U3 small nu	43424.1	46961.85	38793.26	19459.35	26003.75	29559.75	31664.55	37381.43	29287.07	27139.69	24884.2	30251.57	x	x
G3I277	1	1	2.41459	0.014918	1.526413	37C	31C	37C	Dihydrolipo	110055.4	146665.5	127935.2	219417.7	190522.5	177204.1	80251.67	116745.2	96585.03	306018.8	182319.9	181351.3	x	x
G3HII2	2	2	8.525778	0.015098	1.738093	37C	31C	37C	Transmeml	41731.49	57474.31	63116.51	101390.9	83544.01	97196.32	30430.31	45749.31	47649.97	141408.5	79947.14	99471.09	x	x
G3I830	1	1	2.064519	0.0151	3.522652	31C	37C	37C	Phosphopa	161306.7	141380.8	150933.7	74276.28	25951.08	28545.28	117623.8	112538.5	113947.8	103592.1	24833.79	29213.35	x	x
G3GSP0	2	2	7.917754	0.015106	1.71623	31C	37C	37C	UMPS | UM	406360.3	296084.6	278800.2	205001	196543.7	170199.7	296315.1	235682.1	210480.9	285912	188081.8	174183.1	x	x
G3IBS8	2	1	4.164012	0.015171	5.81952	31C	37C	37C	Regulator c	38175.61	40887.24	20029.72	6123.297	8589.042	2315.28	27837.39	32546.07	15121.48	8540.076	8219.253	2369.466	x	x
G3IE25	1	1	5.066091	0.015214	2.217982	37C	31C	37C	Clathrin lig	369630.3	382237.3	687964.2	1050159	996745.2	1146617	269531.8	304259.3	519380.3	1464642	953831.7	1173453	x	x

G3HWE4	2	2	8.524915	0.015222	2.538175	37C	31C	Nidogen-1	60373.94	38164.94	81446.16	180802.7	135874.3	140156.5	44024.26	30379.14	61487.98	252162.9	130024.5	143436.7	x	x
G3GWX3	2	2	4.747383	0.015234	4.018232	37C	31C	GDP-mann	4568.43	7121.752	14890.04	43482.87	35373.22	27949.41	3331.268	5668.885	11241.27	60644.95	33850.27	28603.54	x	x
G3I064	11	11	42.11525	0.015289	1.768026	37C	31C	Neutral alp	806839	866034.8	951225	1935037	1250250	1454189	588341.4	689360.2	718129.7	2698769	1196422	1488222	x	x
G3H134	1	1	4.049223	0.015359	2.179385	31C	37C	MKI67 FHA	562526.8	319101.4	339255.8	192263.5	195608.9	172324.1	410190.7	254003.4	256122	268147.2	187187.3	176357.1	x	x
G3HTW9	1	1	2.044702	0.015372	3.115902	31C	37C	Exocyst co	13910.37	9156.575	14120.37	2302.967	4252.83	5378.889	10143.35	7288.596	10660.21	3211.916	4069.73	5504.776	x	x
G3HI59	4	4	13.67524	0.015422	1.983402	37C	31C	Short-chai	342619.7	276322.6	325686.4	822116.7	544877.4	506584.2	249835.9	219951.7	245877.7	1146595	521418.4	518440.3	x	x
G3HXV5	1	1	2.789708	0.015522	2.784419	31C	37C	Nucleolar p	1391250	1166055	873439.9	259783.2	557222.1	415117.2	1014490	928175.1	659405.6	362316	533231.6	424832.5	x	x
G3HQS8	1	1	3.210399	0.015588	1.929906	37C	31C	Proteasom	33985.94	50957.86	48141.89	104117.9	75101.84	77623.1	24782.31	40562.24	36344.84	145211.8	71868.43	79439.78	x	x
G3I8K2	1	1	1.866555	0.015618	3.216468	31C	37C	Alpha-tect	81657.08	63651.86	63616.06	32119.85	21271.84	11563.1	59543.78	50666.62	48027.11	44797.11	20356.01	11833.72	x	x
G3I8X6	2	2	6.356568	0.015706	2.021691	31C	37C	Putative E3	215785.5	178686.1	165676	66711.94	94504.33	115852.5	157349.3	142233.4	125077.5	93042.21	90435.57	118563.9	x	x
G3H346	1	1	2.333558	0.015731	1.537881	37C	31C	ADP-ribosy	226405.4	236307.6	307252.2	436027.4	370131.2	377956.4	165093.2	188099.8	231960.9	608121.2	354195.7	386802.1	x	x
G3IEE8	1	1	4.988807	0.015809	5.129455	37C	31C	Serine/thre	4752.277	10330.5	22161.25	54034.17	67576.29	69431.12	3465.328	8223.035	16730.69	75360.69	64666.88	71056.07	x	x
G3HCG2	1	1	2.93003	0.015811	1.726167	37C	31C	Perilipin |P	424187	557856	620642.7	1040996	928720.6	796786.3	309314.2	444051.1	468555.7	1451862	888735.8	815434.2	x	x
G3HP48	1	1	3.011523	0.015816	2.304634	31C	37C	Exosome c	102517.8	67437.83	59612.09	40644.48	32283.12	26683.79	74755.29	53680.24	45004.3	56686.28	30893.22	27308.29	x	x
G3IG19	2	2	13.06814	0.015892	2.204224	37C	31C	HD domain	70327.91	85646.94	93014.4	241049.1	174890.7	132888.2	51282.63	68174.61	70221.45	336187.9	167361	135998.3	x	x
G3I0D8	2	2	6.841941	0.016115	1.593964	37C	31C	NADH-cyto	450490.6	556103.8	415997.5	875230.4	674836.1	717494.3	328494.6	442656.3	314058.4	1220672	645782	734286.4	x	x
G3HC04	1	1	3.4962	0.016268	2.18272	31C	37C	Ras-relatec	263329.4	192236.5	197629.5	135756.1	87070.95	76430.44	192018	153019.4	149200.9	189337.2	83322.23	78219.2	x	x
G3H0Y9	7	7	24.93035	0.016296	1.528866	31C	37C	EH domain	1614272	1416216	1501906	1198856	883046.4	882642.5	1177116	1127302	1133867	1672028	845028.1	903299.7	x	x
G3IAG0	2	2	4.465059	0.016329	1.606349	37C	31C	Xaa-Pro am	55726.86	58325.58	80732.43	111201.3	103474.3	98216.95	40635.64	46426.92	60949.15	155090.9	99019.36	100515.6	x	x
G3HKQ8	1	1	2.98046	0.016375	1.539876	37C	31C	Putative AT	76635.68	103190	88786.35	129640.4	156932	127056.8	55882.21	82138.81	67029.48	180807.7	150175.5	130030.4	x	x
G3I4G0	3	2	13.53283	0.016419	1.791042	31C	37C	EH domain	68585.8	79349.78	78104.42	50502.12	31236.88	44466.88	50012.29	63162.1	58965.12	70434.6	29892.02	45507.58	x	x
G3IEX0	3	2	8.634478	0.016433	1.910309	37C	31C	Prolyl 3-hyc	46842.64	73123.75	69172.17	128647.3	100293.9	132371.8	34157.33	58206.2	52221.7	179422.6	95975.89	135469.9	x	x
G3HPZ6	2	2	8.122441	0.016522	2.500574	37C	31C	ELMO dom	55209.7	28589.52	59659.66	135595.4	111498.5	111635.6	40258.53	22757.14	45040.21	189113.1	106698.1	114248.3	x	x
G3HLZ7	1	1	2.086666	0.016561	3.568446	31C	37C	AARSD1 |A	47327.17	47952.58	26937.51	16100.92	6436.104	11712.41	34510.64	38170.06	20336.54	22455.73	6159.006	11986.53	x	x
G3IDU7	2	2	5.96996	0.016633	1.9292	37C	31C	Beta-glucu	138185.2	185491.7	215310.9	414562.1	288819.8	336433	100763.7	147650.6	162549.5	578184	276385.1	344306.9	x	x
G3GUQ8	1	1	2.832907	0.016687	1.905975	37C	31C	Lysophospl	106419	114357.9	118301	184711.5	176053	285509.6	77600	91028.44	89311.66	257614.6	168473.3	292191.6	x	x
G3HJ29	1	1	4.037143	0.016705	1.879277	31C	37C	DnaJ-like s	469766.5	397560.8	334587.3	267221.1	173002.2	199339.1	342550.5	316456.8	252597.6	372689.5	165553.9	204004.4	x	x
G3H945	2	2	17.47666	0.01679	1.620164	31C	37C	Eukaryotic	2310347	1825611	1553651	1109273	1228444	1174031	1684689	1453178	1172932	1547088	1175555	1201508	x	x
G3IQ91	1	1	3.130768	0.016804	2.034172	37C	31C	Vesicle-fus	21403.21	18199.84	30355.93	57196.6	40395.88	44716.09	15607.07	14486.99	22917.28	79771.3	38656.69	45762.62	x	x
G3I1P6	5	5	29.68188	0.016848	1.809365	37C	31C	Nucleosom	1406281	1683221	2220214	2759483	3263818	3583912	1025450	1339837	1676156	3848613	3123299	3667790	x	x
G3HMP9	1	1	2.063037	0.016887	2.051714	31C	37C	KBTBD2 |K	22674.04	23139.98	23933.36	8372.922	15811.28	9810.486	16533.75	18419.33	18068.55	11677.6	15130.55	10040.09	x	x
G3H170	2	2	10.54144	0.017153	2.00512	31C	37C	Drebrin |Dl	1496282	1012935	956968.9	475988.9	682080.3	570598.8	1091079	806292.3	722466	663855.1	652714.2	583953.1	x	x
G3I591	2	2	5.167508	0.017226	1.806951	31C	37C	Protein Rec	121370.6	120957.5	92087.38	70221.48	67128.45	47721.81	88502.61	96281.67	69521.6	97936.92	64238.32	48838.68	x	x
G3H1A1	1	1	1.883892	0.017237	1.983131	31C	37C	THO compl	645122.9	427989.1	466792.6	268349.7	305641.1	202510.8	470419.1	340677.6	352406.2	374263.5	292482.1	207250.3	x	x
G3IK71	1	1	3.701669	0.017327	5.462064	37C	31C	INCENP |IN	4356.538	4608.617	9386.624	15689.28	50408	34141.31	3176.758	3668.44	7086.455	21881.62	48237.76	34940.35	x	x
G3HSZ6	1	1	4.027253	0.017372	2.68076	37C	31C	Aldose 1-ep	103994.6	166272.3	244422.4	550331.6	404614	424812.6	75832.14	132352	184527.3	767539.8	387193.9	434754.8	x	x
G3H4F5	1	1	1.747902	0.017456	159.5609	31C	37C	Myosin-IXb	13728.74	15507.83	8797.372	0	0	238.3662	10010.9	12344.17	6641.598	0	0	243.9449	x	x
G3I4K5	2	2	6.5857	0.017553	1.781806	31C	37C	RNA-bindir	929426.1	951260.1	615171.1	463056.7	450694.7	486994.7	677731	757199.1	464425	645818.7	431290.7	498392.3	x	x
G3HBG5	2	1	6.997681	0.017559	1.583963	31C	37C	26S protea	2336929	1899429	1706867	1437184	1152546	1162394	1704073	1511937	1288604	2004420	1102925	1189599	x	x
G3HQ97	2	2	7.045701	0.017563	1.810514	37C	31C	Golgi integ	69973.41	84973.32	111677.6	155181.6	184820.3	142725.1	51024.12	67638.41	84311.3	216429.6	176863.1	146065.5	x	x
G3IF52	6	6	24.82033	0.017842	1.687484	37C	31C	Nucleobinc	163891.4	197909.4	255556.1	312730.2	365130	363919.7	119508.5	157535.1	192932.7	436160.4	349409.8	372436.9	x	x
G3IFK1	1	1	2.383908	0.017849	2.101276	31C	37C	Flap endon	545465.6	391148.1	357223.9	156559	256719.6	202460.4	397749.8	311352.2	269687.1	218350.7	245666.9	207198.8	x	x
G3H5G6	1	1	2.189948	0.017856	1.860512	31C	37C	Thioredoxir	957067.7	736647	620139.1	339602.6	448473.6	455588.9	697887.2	586367.9	468175.5	473638.9	429165.2	466251.4	x	x
G3HB69	2	2	6.209965	0.017941	1.551086	37C	31C	Cell divisio	77743.4	77249.6	103378.2	118612	147234.4	134909.4	56689.95	61490.36	78045.6	165426.5	140895.4	138066.8	x	x
G3HZY0	2	2	6.528277	0.017972	1.847238	37C	31C	Glycogen [s	26023.8	34462.18	25645.51	55896.97	41064.49	62143.91	18976.37	27431.75	19361.14	77958.72	39296.51	63598.32	x	x
G3IJE1	1	1	2.658319	0.018215	1.862982	31C	37C	Ribosome a	292325.8	269425.7	192574.3	110620.4	144235.5	150046.4	213161.9	214461.8	145384.5	154280.7	138025.7	153558.1	x	x
G3GZA9	7	6	28.51325	0.018261	1.904172	37C	31C	Reticuloca	631242.6	676911.6	888157.8	1760322	1274479	1147354	460297.7	538818.8	670516.9	2455097	1219608	1174207	x	x
G3H487	1	1	4.925466	0.018272	1.758737	37C	31C	Regulator c	52286.21	44380.75	43905.48	63360.55	99277.22	84592.11	38126.74	35326.89	33146.55	88368.08	95002.98	86571.89	x	x
G3GUV6	1	1	2.570677	0.018416	2.433656	31C	37C	Porimin |	88014.94	103266.4	126205.1	27104.99	49737.59	53614	64179.88	82199.62	95278.86	37802.95	47596.21	54868.77	x	x
G3H2P6	1	1	4.312473	0.018467	1.716337	37C	31C	Cytoplasm	168903	231913.7	269278.9	369194.5	418892.6	362022.9	123162.9	184602.4	203292.8	514910.4	400857.8	370495.6	x	x
G3HKR3	3	3	10.47962	0.01847	2.431345	37C	31C	Tyrosine-pr	14776.28	16837.2	31806.2	47402.87	58280.85	48511.36	10774.76	13402.34	24012.17	66112.12	55771.65	49646.71	x	x
G3HN46	2	2	8.884509	0.018627	1.562966	31C	37C	Protein tyrc	356778.6	341042.8	278485.2	228862.8	222729.4	173057.7	260160.5	271468.7	210243.1	319191.7	213140.1	177107.9	x	x
G3I3H2	1	1	4.467555	0.018765	2.38413	37C	31C	60S acidic	1162793	842501.6	1760823	2430798	3425104	3123012	847900.9	670627.8	1329338	3390200	3277641	3196103	x	x
G3I7I9	2	1	5.099076	0.018792	1.856763	37C	31C	Dolichyl-di	205603.3	250687.1	305377.3	411977.5	417358.9	584900.4	149924.5	199545.9	230545.4	574579.2	399390.1	598589.4	x	x

G3GUB2	2	2	9.935133	0.019078	1.59027	37C	31C	Cytoplasm	196140.5	188080.7	275523.5	343043.3	373361.6	332767.6	143024.3	149711.5	208007.2	478437.7	357287.1	340555.7	x	x
G3GY44	13	13	65.87569	0.019084	1.861005	37C	31C	Myosin-10	381065.7	516473.5	645134	842238.1	953363.1	1075321	277870.5	411110.8	487045.5	1174658	912317.4	1100488	x	x
G3I1P0	1	1	2.294182	0.019125	1.730137	37C	31C	Isochorism	50539.67	68747.4	82056.15	106008.4	118652.2	123690.7	36853.18	54722.64	61948.49	147848.4	113543.8	126585.6	x	x
G3H653	1	1	3.82863	0.019195	2.224904	31C	37C	Enhanced a	335173	281277.2	221295	167787.7	90503.61	118239.6	244405.9	223895.5	167067.2	234011.1	86607.1	121006.9	x	x
G3GV81	2	2	6.42102	0.019261	1.591453	37C	31C	Glycerol-3-	39303.7	50719.64	60068.24	82662.39	80785.86	75415.5	28659.99	40372.62	45348.66	115288.1	77307.73	77180.52	x	x
G3ID92	1	1	2.786041	0.019336	1.821887	37C	31C	Bromodom	52958.86	61793.85	80995.69	96454.34	133692	126485.2	38617.23	49187.65	61147.9	134523.5	127936.1	129445.4	x	x
G3H5V1	1	1	2.295066	0.019359	1.701948	31C	37C	39S ribosor	249811.8	197090.8	160762.3	126507.1	122996.1	107537.5	182161.1	156883.5	121367.9	176437.7	117700.7	110054.3	x	x
G3IBF7	1	1	3.062855	0.01949	21.48098	37C	31C	Ubiquitin-c	154.3961	557.4609	3223.666	15592.14	17867.86	51078.89	112.5845	443.7365	2433.715	21746.15	17098.58	52274.33	x	x
G3HM24	1	1	6.30627	0.019497	1.680005	37C	31C	Serine/thre	270493.9	173725.7	248544.9	370558.7	419908.2	373381.2	197242.3	138285	187639.6	516813.1	401829.6	382119.7	x	x
G3IKC3	5	5	22.41537	0.019507	2.288251	37C	31C	Glutathion	847086.6	778311.8	1078873	2889471	1594672	1703907	617689.7	619533	814497.7	4029905	1526016	1743785	x	x
G3H5T7	1	1	3.614448	0.019574	1.735793	37C	31C	Chromobo	140451.1	195411.8	222031.5	284903.4	333231.2	350254.4	102416	155547	167623.2	397350.7	318884.4	358451.7	x	x
G3HAF3	1	1	1.809533	0.019695	2.922354	37C	31C	Conserved	14450.96	17962.32	22129.98	80150.09	35755.14	43489.5	10537.54	14297.93	16707.08	111784.2	34215.75	44507.33	x	x
G3H492	1	1	2.37695	0.019777	2.900789	31C	37C	Uncharacte	144158.6	110485.5	68218.34	43500.53	42207.72	25593.34	105119.5	87945.99	51501.61	60669.58	40390.52	26192.32	x	x
G3IDS1	1	1	3.387266	0.019889	1.917735	37C	31C	ADP-ribosy	22026.84	30679.56	40324.62	54116.58	61452.44	62839.78	16061.82	24420.8	30443.18	75475.64	58806.69	64310.47	x	x
G3I8B3	1	1	2.703217	0.019966	2.160011	31C	37C	TATA-bindi	30755.37	26821.68	37169.48	11501.12	11745.39	20617.4	22426.61	21349.95	28061.19	16040.45	11239.71	21099.93	x	x
G3HJC9	1	1	2.035825	0.020013	6.453601	31C	37C	Leucine-ric	59234.08	45424.16	41407.39	13972.65	6600.331	2060.221	43193.08	36157.44	31260.61	19487.45	6316.163	2108.438	x	x
G3H2G5	1	1	4.466802	0.020076	1.527345	31C	37C	Serine/thre	627997.5	449964.5	457467.2	324160.6	335772.1	345360.5	457931.4	358169.9	345366	452102.3	321315.9	353443.3	x	x
G3IBK9	2	2	6.90111	0.020301	2.386726	37C	31C	Rab GDP di	109619.9	107011.6	185708.5	423300.2	275189.6	261785.5	79934.09	85180.76	140201.1	590370.8	263341.7	267912.3	x	x
G3GSW2	2	2	4.328784	0.020309	1.9078	31C	37C	28S ribosor	354070.7	293370.2	273525.1	207871.1	155858.4	119007.8	258185.9	233521.4	206498.5	289914.9	149148.2	121793	x	x
G3HHG7	1	1	3.954984	0.020318	1.766557	37C	31C	Non-specif	49349.87	56285.95	71857.82	85905.09	124061.3	103586.3	35985.58	44803.39	54249.24	119810.6	118720	106010.6	x	x
G3I5Z8	8	8	24.04036	0.020433	1.71168	31C	37C	Proteasom	1137213	819986.3	780217.1	541967.2	599834.1	457456.3	829248	652705.7	589026.9	755874	574009	468162.6	x	x
G3HWT7	4	4	12.86118	0.020455	2.197783	37C	31C	FYVE and c	51611.57	36482.91	38654.32	127028.3	80155.11	71383	37634.8	29040.25	29182.18	177164.6	76704.14	73053.64	x	x
G3GXX3	1	1	6.588946	0.020529	1.524591	37C	31C	Dolichyl-di	220853	157757.1	217877.2	281543.5	308472.7	319383.1	161044.4	125574	164487	392664.8	295191.8	326857.9	x	x
G3GSH5	1	1	2.073168	0.020608	2.335158	31C	37C	ATP-depen	359011.6	397454.4	228108.8	163048.9	156376.1	102206	261788.8	316372.1	172211.3	227402	149643.6	104598	x	x
G3I970	1	1	2.439511	0.020635	1.623315	37C	31C	Porphobilir	13467.12	13356.23	10529.83	23968.78	16885.52	19781.69	9820.133	10631.51	7949.523	33428.93	16158.54	20244.66	x	x
G3GW95	1	1	5.51795	0.020734	11.14197	37C	31C	Kanadaptir	2243.986	5465.3	1012.054	17768.06	16204.8	63200.05	1636.299	4350.356	764.0525	24780.86	15507.12	64679.18	x	x
G3H635	1	1	2.712152	0.020755	1.929449	31C	37C	Serine paln	73075.54	52222.44	41608.3	30261.33	26085.21	30158.1	53286.18	41568.85	31412.29	42205.06	24962.15	30863.92	x	x
G3HBE7	3	3	11.24446	0.020805	2.335766	37C	31C	Acyl-CoA s	132454.4	129786	194219.8	492930	297722.1	275532.3	96584.87	103309.1	146626.7	687482.5	284904.1	281980.8	x	x
G3HR08	4	4	13.11501	0.020813	1.74101	37C	31C	Cytosol am	296058.4	367294.2	501488	641537.6	712444.6	674017.4	215883.8	292364.7	378599.6	894743.6	681771.3	689792	x	x
G3HWM5	1	1	2.135551	0.020939	1.829339	31C	37C	Ribosome I	122160.7	83139.96	73226.77	51620.28	47647.99	52987.54	89078.74	66179.06	55282.74	71994.08	45596.57	54227.65	x	x
G3HGH4	1	1	4.1243	0.021027	1.749832	37C	31C	Small nucle	83747.58	79729.77	67616.59	109597.2	123698.2	171080.2	61068.16	63464.56	51047.32	152853.7	118372.6	175084.1	x	x
G3H3P8	3	3	11.24843	0.021028	6.843373	37C	31C	Beta-hexos	16609.18	15849.77	19597.14	235955.7	57308.3	62975.16	12111.3	12616.35	14794.91	329084.2	54840.97	64449.03	x	x
G3HJS0	3	3	10.24236	0.021065	1.682937	31C	37C	Spectrin be	114773.7	97982.72	89393.83	75200.58	50158.91	54177.92	83692.17	77993.84	67488.09	104881.2	47999.39	55445.89	x	x
G3HDW4	2	2	7.977671	0.021096	1.909438	37C	31C	ACOT13 |A	58792.66	56424.53	80687.65	159558.1	106524.8	107985.2	42871.2	44913.69	60915.34	222533.5	101938.5	110512.5	x	x
G3IBI3	1	1	2.857731	0.021159	1.879896	31C	37C	Putative AT	142623.1	121900	97551.24	68002.7	75866.4	48734.32	103999.7	97031.92	73646.56	94842.41	72600.07	49874.89	x	x
G3GWQ3	1	1	2.582425	0.021161	1.756823	37C	31C	Adenosine	92202.76	128775.7	140421.4	192004.5	192826.2	250084.7	67233.61	102504.9	106011.5	267786	184524.3	255937.7	x	x
G3I306	3	3	8.341005	0.021359	1.783566	31C	37C	Eukaryotic	1084889	901571.5	648542.4	498599.1	504861.1	473918.3	791093.2	717647.2	489618.7	695389.2	483125	485009.8	x	x
G3HMX6	1	1	2.639091	0.021399	1.96704	37C	31C	NAD(P) tra	53900.46	62223.06	91047.21	151899	146536	109078.1	39303.84	49529.3	68736.32	211851.4	140227.1	111630.9	x	x
G3HE62	1	1	2.069941	0.021459	1.535245	37C	31C	Mitochondi	75077.11	86094.44	101002.6	156276.9	124639.4	121585.4	54745.71	68530.82	76252.15	217957.2	119273.2	124430.9	x	x
G3IKR0	1	1	6.057826	0.021509	2.700498	37C	31C	dCTP pyrop	84312.95	130628.8	140846.2	361189.5	398244.2	201371.2	61480.42	103980	106332.2	503746	381098.3	206084.1	x	x
G3HVV6	1	1	1.944272	0.021599	1.571568	37C	31C	HLA class I	98653.74	87982.25	95975.18	183353.3	126477.9	134311.6	71937.63	70033.5	72456.71	255720.3	121032.5	137455	x	x
G3I2W3	1	1	4.116518	0.021841	1.679871	31C	37C	Lipase mat	396407.8	299923.8	293624.1	239026.3	170376.9	179901.2	289057.8	238738.1	221672.3	333366.7	163041.6	184111.6	x	x
G3H2I1	1	1	2.178318	0.021906	7.525098	37C	31C	Beta,beta-(	657.7963	1438.964	3723.966	24010.73	8236.604	11554.2	479.6605	1145.409	2811.418	33487.43	7881.989	11824.62	x	x
G3H4H6	1	1	4.276887	0.022056	1.883672	37C	31C	AP-1 comp	61603.34	74625.63	101401.2	124704.1	177216.9	145696.2	44920.73	59401.69	76553.11	173923.1	169587.1	149106.1	x	x
G3HXV9	1	1	3.520085	0.022067	2.356149	37C	31C	Golgi-spec	29396.76	34756.52	59765.84	76505.19	100836.7	114630	21435.91	27666.04	45120.37	106700.7	96495.31	117312.8	x	x
G3H4X0	2	2	7.594745	0.022086	1.54649	37C	31C	LanC-like p	680437.9	722811.9	876019.8	1307815	971865.3	1245186	496170.6	575355.3	661353.3	1823992	930023	1274328	x	x
G3GR69	1	1	2.326904	0.022088	1.660761	31C	37C	Splicing fac	247466.5	258880.3	229956.6	109917.6	160574.3	172861.1	180450.8	206067.6	173606.3	153300.6	153661	176906.7	x	x
G3GWD5	1	1	3.997046	0.022143	8.383763	37C	31C	Wolframin	561.1739	811.2328	6001.743	19099.14	23623.14	19100.84	409.2041	645.738	4531.031	26637.31	22606.07	19547.88	x	x
G3IJ99	2	2	6.844175	0.022194	1.578176	37C	31C	ATP-bindin	48870.03	68144.39	65316.82	82848.49	99475.34	105427	35635.69	54242.65	49311.1	115547.6	95192.57	107894.4	x	x
G3HN77	4	4	10.19736	0.022249	1.503476	31C	37C	Polyadenyl	889341.9	702091.1	631672.2	533342.2	486069.8	459231.6	648502	558861.6	476882.5	743845	465142.7	469979.4	x	x
G3HPV6	5	5	16.61652	0.022294	1.907381	37C	31C	Histone H4	12278888	11699518	11952757	16920824	21291219	30322377	8953680	9312768	9023764	23599237	20374555	31032038	x	x
G3ID20	1	1	2.372729	0.022339	1.787607	31C	37C	Nucleopori	75175.34	56490.02	44597.3	31434.17	32183.27	34985.13	54817.33	44965.83	33668.85	43840.79	30797.66	35803.92	x	x
G3HT22	2	2	6.030231	0.022457	1.60556	37C	31C	Glycerol-3-	234174	198691.8	276696	412333.9	314686	412224.2	170758.1	158157.8	208892.3	575076.3	301137.6	421871.8	x	x
G3I5Y6	1	1	2.138946	0.022576	1.887781	31C	37C	39S ribosor	224042	224807.1	163324.1	128561.4	115697	80023.37	163369.9	178945.5	123301.9	179302.8	110715.9	81896.23	x	x

G3H1N0	1	1	2.580765	0.022602	1.642148	37C	31C	Synaptojan	74147.92	81185.28	95912.16	169998.9	121050.4	121532.6	54068.15	64623.14	72409.13	237095.1	115838.7	124377	x	x
G3HRD3	1	1	4.770304	0.022775	1.676985	37C	31C	Protein arg	479972.9	484281.4	593398.4	672414.4	993399	946347.1	349993	385486	447987.6	937806.9	950629.6	968495.3	x	x
G3HB65	1	1	2.253129	0.022941	2.1399	37C	31C	Arf-GAP wit	5934.721	6571.989	4387.439	8967.668	15999.37	11184.74	4327.557	5231.276	3312.308	12507.08	15310.54	11446.51	x	x
A1E3K4	1	1	3.059647	0.023047	1.808755	31C	37C	Bak | BAK1	84094.1	112672.3	125032.2	48824.15	56684.73	72402.8	61320.84	89686.65	94393.38	68094.36	54244.24	74097.3	x	x
G3HKF6	1	1	3.588971	0.023158	1.554003	31C	37C	Brix domair	264086.2	215268.9	190623.6	143742.4	162666.4	124721.9	192569.8	171353.1	143911.8	200475.6	155663	127640.9	x	x
G3HKX9	1	1	2.677165	0.02322	1.615883	37C	31C	Polypeptid	32509.32	44523.84	44080.89	55055.03	74124.53	66526.52	23705.57	35440.79	33278.98	76784.48	70933.2	68083.5	x	x
G3HEN9	1	1	4.554697	0.023343	2.107279	37C	31C	Septin-5 | S	76940.83	83946.24	136683.6	162839.7	232751.2	231473.6	56104.72	66820.86	103189.6	227110.2	222730.5	236891	x	x
G3H7B6	2	1	5.215189	0.023443	1.540698	37C	31C	WD repeat	50077.62	41906.18	36751.52	55735.15	71686.27	70920.86	36516.25	33357.15	27745.66	77733.04	68599.91	72580.68	x	x
G3H8C9	1	1	3.691207	0.023847	2.774368	37C	31C	Semaphori	5438.381	10399.8	15832.66	31338.4	27727.88	28800.3	3965.629	8278.201	11952.91	43707.23	26534.09	29474.34	x	x
G3HAF2	1	1	4.03414	0.023892	2.433507	37C	31C	L-fucose ki	17253.82	30835.41	38563.93	60468.96	85800.45	64601.69	12581.37	24544.86	29113.93	84335.21	82106.43	66113.62	x	x
G3HHR9	1	1	3.832257	0.023906	2.254203	37C	31C	Integrin alp	72740.12	110232.6	169371.2	262155.8	278938.7	253160.4	53041.59	87744.7	127867.2	365625	266929.4	259085.4	x	x
G3H7Y0	2	2	7.743544	0.023949	2.081707	37C	31C	Coatomer s	119485.5	94574.98	104684.5	176989.2	177145.3	309398.9	87127.98	75281.29	79031.81	246844.4	169518.6	316640	x	x
G3H9S0	3	3	10.60089	0.02401	1.718464	37C	31C	Protein Nib	72390.78	85898.6	121240.2	162854.4	171541.1	145966.2	52786.86	68374.93	91530.61	227130.7	164155.6	149382.4	x	x
G3HZG2	1	1	5.049038	0.024031	1.535126	31C	37C	Casein kina	1802079	1551013	1510984	1295196	975785.2	897536.8	1314063	1234600	1140721	1806392	933774.1	918542.6	x	x
G3HI03	2	2	7.692271	0.024097	1.826072	31C	37C	U4/U6 sma	282993	240726.5	183545.5	159727.9	115001.1	112586	206356.5	191617.3	138568.1	222770.3	110049.8	115220.9	x	x
G3GR85	1	1	4.579717	0.02411	1.619649	37C	31C	PITRM1 | PI	423861.2	298788.4	453560.7	704359.5	608262.4	592425.8	309076.7	237834.3	342416.8	982360.4	582074.5	606290.9	x	x
G3H3S4	1	1	5.054918	0.024119	2.01078	37C	31C	Protein-L-is	112988	100848.9	187422.7	288067.2	227835.2	290942.5	82390.1	80275.29	141495.3	401763.3	218026.1	297751.7	x	x
G3HK86	1	1	5.931821	0.024135	1.907085	37C	31C	Uncharacte	56825.04	64875.14	94455.96	145685.9	156476.9	110065.3	41436.42	51640.35	71309.77	203186.2	149740	112641.3	x	x
G3GX32	1	1	3.530725	0.024181	1.850907	37C	31C	Cysteine-ri	141972.8	185626.6	260671.2	329090.6	385965.7	373777.8	103525.5	147758	196794.4	458978.1	369348.5	382525.7	x	x
G3I4C0	1	1	2.120131	0.024191	6.913883	31C	37C	Deoxycytid	211186.7	160929.9	143542	5482.864	36591.06	32509.13	153995.9	128099.5	108367.4	7646.874	35015.68	33269.97	x	x
G3I1H5	2	2	16.93535	0.024282	1.718092	37C	31C	LGMN | LGI	432374.5	413659	585955	999264.3	762270	698753.6	315284.5	329270.9	442368.2	1393660	729451.5	715107.2	x	x
G3HB95	1	1	3.988765	0.024358	1.858265	31C	37C	Splicing fac	678380.9	564529	434533.9	271343.9	374957.4	256392	494670.6	449362.8	328052.4	378439.6	358814.2	262392.5	x	x
G3I1Q8	1	1	3.419335	0.024423	2.008329	37C	31C	Probable tF	67362.88	67125.13	71299.04	189624.4	123032	100631.6	49120.54	53431.33	53827.39	264466.5	117735	102986.8	x	x
G3HP55	1	1	1.869055	0.02444	4.592354	37C	31C	Uncharacte	35385.43	51471.78	137075.7	427682.8	396466.8	204229.6	25802.81	40971.33	103485.7	596483.3	379397.5	209009.4	x	x
G3I782	1	1	7.652221	0.024444	1.706586	31C	37C	Heterogen	966481.4	934622.6	731697.1	636057.2	496445.8	410227.2	704751.6	743955.7	552396.6	887100.1	475072	419828.1	x	x
G3HX84	1	1	3.440488	0.024614	3.78557	37C	31C	Gelsolin | G	49598.37	66827.75	127491.8	480229.6	209238.9	233899.9	36166.79	53194.61	96250.24	669769.5	200230.4	239374	x	x
G3HQ89	1	1	3.17779	0.024661	2.033621	37C	31C	V-type prot	80123.66	92370.24	135352.9	198787.3	166139.7	261116.7	58425.62	73526.33	102185	277245.9	158986.8	267227.8	x	x
G3GR90	1	1	1.651878	0.024856	1.794296	31C	37C	Isopenteny	625542	584742.7	430311	240982.7	366681.2	306675.6	456140.9	465452.7	324864.4	336095.2	350894.2	313853	x	x
G3GUN0	3	3	9.492481	0.024908	1.66547	37C	31C	Chromodor	68177.43	73985.93	75949.26	90672.73	141045.4	131541.9	49714.51	58892.49	57338.08	126460	134972.9	134620.5	x	x
G3HZG6	2	2	5.454616	0.02495	1.730469	31C	37C	Large prolir	424876.1	330368	317340.1	158240.6	216453.7	245128.6	309816.7	262971.6	239576.7	220696	207134.5	250865.6	x	x
G3HRA9	1	1	1.930003	0.02505	2.01437	31C	37C	Serine/thre	498472.7	508300.5	503351.6	344036.4	241227.4	164412.2	363482.8	404605.1	380006.6	479822.8	230841.7	168260.1	x	x
G3HM03	1	1	5.026609	0.025303	1.689021	37C	31C	Synaptic ve	783879	695421.4	1013531	1211999	1301770	1696675	571599.2	553552.6	765167.9	1690358	1245724	1736384	x	x
G3H2S4	1	1	2.553646	0.02535	1.817257	37C	31C	Peroxisom	44602.63	40211.34	44177.17	101377.9	58050.98	74981.21	32523.93	32008.06	33351.67	141390.3	55551.68	76736.06	x	x
G3H6Z4	4	4	15.37229	0.025522	1.578717	37C	31C	Alpha-1,4 g	247652.4	271200.1	386744.9	488303.5	462515.5	478863.2	180586.4	215874.1	291974.1	681030	442602.5	490070.5	x	x
G3HRP2	1	1	4.615306	0.025575	1.764585	37C	31C	CNPY2 | CN	109201.9	150534.8	179734.5	219927.6	263742.8	291813.8	79629.26	119825.1	135691	306729.9	252387.7	298643.4	x	x
G3HT18	1	1	3.325314	0.0257	2.057348	31C	37C	Nucleosom	5447136	3409492	2953457	1746668	2211533	1782240	3972014	2713941	2229720	2436053	2116319	1823951	x	x
G3IE45	1	1	4.47097	0.025773	2.412508	37C	31C	Enoyl-CoA	40292.36	57774.77	93787.5	126730.4	185328.7	150791.8	29380.91	45988.48	70805.11	176749.1	177349.6	154320.9	x	x
G3HQ92	1	1	2.990034	0.026076	1.553268	31C	37C	60S riboso	1751798	1216983	1537498	977399.8	851894	1071865	1277399	968713.7	1160738	1363166	815216.9	1096951	x	x
G3GS40	2	2	6.431479	0.026146	1.972332	37C	31C	Succinyl-C	102482.5	131705.5	131301.1	194055.3	198837.7	327973	74729.53	104837.1	99126.1	270646.2	190277	335648.8	x	x
G3I4I2	2	2	6.887607	0.026254	2.261654	37C	31C	HIRA-intera	22149.4	28442.39	32485.85	40660.04	69022.29	78210.53	16151.19	22640.03	24525.27	56707.99	66050.63	80040.96	x	x
G3IBL4	2	2	6.571503	0.026274	1.729526	37C	31C	Glucose-6-	359135.4	439584	550890.6	919238.8	770656.7	644290.3	261879.1	349907.1	415896.2	1282049	737477.2	659369.2	x	x
G3GWB3	1	1	5.249116	0.02637	1.75091	37C	31C	Alpha-2-ma	785554	1003791	1384741	2017665	1734383	1805492	572820.6	799013.9	1045414	2814009	1659711	1847748	x	x
G3HAY3	2	2	11.40354	0.026378	10.0791	37C	31C	Solute carr	12544.79	9077.37	156383.4	621882	700043.1	472211.2	9147.575	7225.549	118062	867330.1	669903.7	483262.8	x	x
G3HXT1	1	1	3.91502	0.026394	4.16737	37C	31C	ADP-ribosy	12766.28	13663.12	48121.34	98044.43	137315	75321.07	9309.08	10875.78	36329.33	136741.2	131403.1	77083.88	x	x
G3GYL3	1	1	3.375689	0.026651	5.035051	37C	31C	NADH dehy	8205.023	4760.657	15037.53	66511.85	21895.04	52590.72	5983.046	3789.463	11352.62	92763.15	20952.38	53821.54	x	x
G3GVW0	1	1	3.313843	0.026745	2.126248	37C	31C	Uncharacte	19193.49	18203.59	30804.24	35271.35	55723.45	54018.14	13995.76	14489.98	23255.73	49192.46	53324.36	55282.37	x	x
G3HCU9	1	1	2.289334	0.026877	1.826988	31C	37C	pre-rRNA p	126172	142874.8	115392.9	48849.78	87217.17	74355.68	92003.74	113727.7	87116.18	68130.1	83462.16	76095.89	x	x
G3I2Y1	2	2	5.894681	0.026957	1.732217	37C	31C	Aspartate a	255229	258858.9	280177.1	486022.6	334296.2	555520.4	186111.2	206050.6	211520.4	677848.9	319903.5	568521.7	x	x
G3HKJ8	1	1	3.695792	0.027021	1.717907	37C	31C	Ras-relatec	62121.19	81500.03	106565.1	128222.8	150417.9	151156.1	45298.34	64873.69	80451.58	178830.5	143941.9	154693.8	x	x
G3HE39	3	3	8.470081	0.027188	1.814488	37C	31C	HTATIP2 | H	36750.73	55327.58	53478.52	71455.28	85516.78	107139.1	26798.38	44040.52	40373.74	99657.68	81834.97	109646.6	x	x
G3H873	2	2	6.98592	0.027264	1.873306	37C	31C	ELKS/RAB6	22274.82	25401.66	35416.01	39917.16	59431.56	56308.92	16242.65	20219.62	26737.41	55671.9	56872.81	57626.77	x	x
G3I2F8	1	1	3.041347	0.027331	1.609125	31C	37C	U4/U6.U5 t	568539.7	406481.7	390786.5	306330.3	296290.6	246168.5	414575.2	323557.7	295025.2	427234.5	283534.2	251929.8	x	x
G3HLA5	1	1	2.293252	0.027468	1.584516	31C	37C	Epithelial n	1143087	777598.7	861126.5	645425.5	595566.5	514630.8	833530.9	618965.4	650109.6	900166	569925.2	526675.1	x	x
G3I6G7	1	1	2.784225	0.027475	1.82556	37C	31C	ADP-ribosy	126057.5	102066.6	121042.9	153877.7	219012.6	264535	91920.29	81244.58	91381.67	214611.1	209583.3	270726.2	x	x

G3HH26	2	2	6.45055	0.027554	1.559455	31C	37C	31C	Exocyst co	88765.13	61956.29	68880.36	52875.08	46877.28	41067.26	64726.92	49316.95	52001.4	73744.13	44859.04	42028.39	x		x
G3IBV8	1	1	2.661707	0.027562	1.633456	31C	37C	31C	TIM21-like	44264.37	29649.6	41789.43	53606.95	68562.4	66827.08	32277.27	23600.96	31549.04	74764.86	65610.54	68391.09	x		x
G3H9Z1	1	1	5.673275	0.027682	7.237471	31C	37C	31C	Microsoma	58659.58	158323.1	95199.18	351860	409828.6	1497718	42774.16	126024.5	71870.86	490734.2	392184	1532771	x		x
G3IBF6	1	1	2.541078	0.027888	1.50596	31C	37C	31C	Sister chro	153051.2	151238.8	112513.7	103772.9	89751.04	83245.59	111603.9	120385.5	84942.5	144730.6	85886.93	85193.86	x		x
G3HTG9	2	2	7.84581	0.028078	1.605333	31C	37C	31C	Glyoxalase	434042.8	586114.9	605333.5	1032790	756809.1	819854.7	316501	466545.1	456998.1	1440418	724225.7	839042.5	x		x
G3GS17	1	1	2.305648	0.028219	1.989068	31C	37C	31C	Transporte	82086.8	81382.17	54726.85	43704.89	26206.28	39786.35	59857.13	64779.87	41316.17	60954.6	25078.01	40717.5	x		x
G3I388	1	1	4.004265	0.028369	3.634681	37C	31C	31C	28 kDa hea	78283.02	91052.76	210285.8	264269.3	596923.1	518610.9	57083.44	72477.62	158755.8	368572.7	571223.4	530748.4	x		x
G3HHK0	1	1	3.783052	0.028469	2.011365	31C	37C	31C	28S riboso	403192.1	309602.8	295127.9	236231.2	137633.7	127248.9	294004.9	246442.5	222807.6	329468.4	131708.1	130227	x		x
G3GUN6	1	1	2.811238	0.028765	1.973687	31C	37C	31C	COP9 signa	286933.1	164631.7	186300.2	120152.2	86745.88	116286.4	209229.6	131046.2	140647.8	167574.6	83011.16	119007.9	x		x
G3HVJ5	1	1	2.251664	0.029015	2.279852	37C	31C	31C	Squamous	20917.86	26692.33	21630.21	38372.17	77491.37	41994.35	15253.16	21246.98	16329.78	53517.13	74155.09	42977.18	x		x
G3HZ17	2	1	4.43352	0.029015	1.50462	37C	31C	31C	Protein pho	48395.02	71879.06	66751.97	95523.12	98394.15	87485.87	35289.31	57215.43	50394.57	133224.8	94157.93	89533.38	x		x
G3I5F4	2	2	9.550385	0.029157	2.558525	37C	31C	31C	Protein car	26755.14	37401.19	71925	115257.8	135484.5	97425.18	19509.66	29771.2	54299.96	160748.4	129651.4	99705.31	x		x
G3HKC6	2	2	5.418695	0.029172	7.225517	31C	37C	31C	CDKN1A |	55163.41	36267.15	68662.71	1455.749	14759.39	5941.513	40224.78	28868.5	51837.09	2030.313	14123.94	6080.567	x		x
G3I952	1	1	4.007401	0.029202	1.568507	37C	31C	31C	EF-hand do	431632.5	472272.1	674892.1	864441.7	840718.1	771193.6	314743.4	375926.6	509511.5	1205625	804522.1	789242.6	x		x
G3I5V6	1	1	2.226218	0.029543	1.575792	31C	37C	31C	Mitotic che	201670	155881.5	134199.4	96360.94	98517.09	117187.8	147056.4	124081	101314.2	134393.2	94275.57	119930.5	x		x
G3HSY7	1	1	2.417491	0.029799	1.943796	37C	31C	31C	V-type prot	27442.42	19766.52	26148.43	64411.61	38988.05	39192.12	20010.82	15734.07	19740.82	89833.97	37309.47	40109.37	x		x
G3GSJ5	1	1	3.755263	0.029874	2.257256	37C	31C	31C	Arf-GAP wit	48991.32	62264.79	71486.88	154596.1	86960.61	170941	35724.13	49562.52	53969.2	215613	83216.64	174941.7	x		x
Q8WBA9	1	1	2.402917	0.029897	2.158447	31C	37C	31C	Cytochrom	3522802	2445325	2844489	842996.5	1684897	1554957	2568803	1946468	2147454	1175715	1612356	1591349	x		x
G3I8R8	1	1	3.966572	0.030023	2.036746	37C	31C	31C	GTPase-ac	28771.57	34777.36	42376.79	48950.38	80748.02	86045.46	20980.03	27682.64	31992.47	68270.41	77271.52	88059.26	x		x
G3GRX4	1	1	2.484725	0.030165	1.959398	37C	31C	31C	Coactosin-	85541.47	113616.8	160237.2	208046.7	208732.8	287419.2	62376.25	90438.48	120971.5	290159.8	199746.1	294145.9	x		x
G3HEJ1	1	1	3.063823	0.030705	1.845435	31C	37C	31C	Neuroplast	510008.4	373718.8	380115.2	291796.2	227149.7	165902.1	371894.6	297478.6	286968.9	406964.1	217370.1	169784.9	x		x
G3HKJ1	1	1	2.905031	0.031366	2.17756	37C	31C	31C	Protein IWS	14175.82	20317.17	16090.12	23459.97	44847.6	41840.19	10336.91	16172.39	12147.28	32719.29	42916.74	42819.41	x		x
G3HZA3	1	1	5.229339	0.031392	3.416564	37C	31C	31C	Inhibitor of	18359.42	42623.71	81395.76	162428.9	164296.4	159721.2	13387.56	33928.3	61449.93	226537.4	157222.8	163459.3	x		x
G3ILF1	1	1	4.719019	0.032157	1.700691	37C	31C	31C	Glutathion	236251.6	170009.5	259038.2	411473.8	301721.1	418273.4	172273	135326.9	195561.5	573876.8	288730.9	428062.6	x		x
G3I5A4	3	2	7.180259	0.032324	1.649636	37C	31C	31C	Annexin |A	296774.6	387096.3	466256.7	559283.7	591057.5	746951.1	216406	308127.1	352001.7	780025.2	565610.4	764432.6	x		x
G3H402	3	3	13.23729	0.032394	1.808813	37C	31C	31C	Tensin-1 |	35507.26	45026.32	69373.61	90998.31	88265.94	91889.86	25891.65	35840.77	52373.78	126914.1	84465.77	94040.44	x		x
G3HR92	1	1	2.043843	0.032432	2.073658	37C	31C	31C	Golgi SNAP	26597.25	31162.63	58397.47	88135.69	77237.93	75496.95	19394.53	24805.32	44087.32	122921.6	73912.55	77263.87	x		x
G3IEG3	1	1	4.187904	0.032457	1.636092	37C	31C	31C	Ribosyldihy	97041.44	120943	122598.4	166612.4	235506.2	155106.4	70761.95	96270.11	92555.98	232372	225366.8	158736.5	x		x
G3HKY0	1	1	3.873121	0.032639	1.605962	37C	31C	31C	High mobili	221179.3	215962.6	230927.3	266762.3	381629.4	424501.8	161282.4	171905.3	174339.2	372049.7	365198.9	434436.8	x		x
G3IM87	1	1	3.868055	0.032654	6.238534	37C	31C	31C	Uncharacte	5203.279	15764.06	39355	197428.5	95156.45	83738.02	3794.195	12548.13	29711.16	275350.8	91059.62	85697.81	x		x
G3I477	1	1	3.271159	0.032725	67.31387	31C	37C	37C	Ras-relatec	27309.08	18733.82	26886.96	0	0	1083.43	19913.59	14912.05	20298.38	0	0	1108.786	x		x
G3GZ81	1	1	2.898504	0.032744	1.500076	37C	31C	31C	ADP-ribosy	262955.5	336290.4	400536.2	481145.4	472060.2	546543	191745.3	267685.8	302385.8	671046.8	451736.3	559334.3	x		x
G3I5S9	1	1	2.749648	0.032831	1.704154	31C	37C	31C	Pleckstrin-	89171.37	88204.25	75936.1	47535.12	36385.52	64723.02	65023.14	70210.22	57328.15	66296.57	34819	66237.79	x		x
G3I9X6	2	2	5.09845	0.032843	1.894771	31C	37C	31C	Spectrin alp	83252.07	53579.8	48858.67	38280.27	26818.12	32903.17	60706.83	42649.3	36885.97	53388.96	25663.5	33673.23	x		x
G3H3W4	3	3	8.03371	0.033296	3.821663	37C	31C	31C	Insulin-deg	13718.48	11633.26	12695.61	40630.53	82282.91	22490.71	10003.42	9260.03	9584.58	56666.84	78740.33	23017.08	x		x
G3GV32	1	1	3.396287	0.033489	1.864817	31C	37C	31C	COX7A2L |	82474.28	92695.94	113513.7	35641.42	65901.04	53263.05	60139.68	73785.59	85697.47	49708.58	63063.76	54509.61	x		x
G3I5N5	25	24	79.81766	0.03364	2.108037	37C	31C	31C	DNA topois	388427.2	471871.5	468986.9	585836	1151478	1064870	283238.4	375607.8	354062.8	817057.2	1101902	1089792	x		x
G3HIM1	1	1	4.863934	0.033696	2.350349	37C	31C	31C	Basement r	5374.583	9331.359	14161.78	21611.03	26096.49	20141.69	3919.109	7427.723	10691.47	30140.6	24972.95	20613.09	x		x
G3I1W1	3	3	12.6364	0.033964	1.806472	37C	31C	31C	Synapse-as	183706.7	258568	365957.3	483587.2	481926.6	494534.4	133957.6	205819	276280.4	674452.3	461177.9	506108.4	x		x
G3GY51	1	1	3.119588	0.034036	2.326643	37C	31C	31C	Ran guanin	38412.85	34550.98	29749.93	47352.9	105475.6	86149.73	28010.38	27502.44	22459.78	66042.43	100934.5	88165.97	x		x
G3HEY8	1	1	5.67331	0.034264	136.5033	37C	31C	31C	Nucleotide	0	0	1235.779	135070.3	15712.65	17904.94	0	0	932.9542	188380.6	15036.16	18323.99	x		x
G3HRY8	2	2	5.976429	0.034561	2.021896	31C	37C	31C	SWI/SNF-re	714174	515297.2	415308.5	320652.4	299247.8	193583.7	520770.8	410174.5	313538.2	447209.5	286364.1	198114.3	x		x
G3HZ73	1	1	1.626209	0.034706	2.741018	31C	37C	31C	Nesprin-3 |	2589.075	1943.364	2440.514	492.4082	561.9557	1489.564	1887.935	1546.91	1842.472	686.7548	537.7615	1524.425	x		x
G3HST8	1	1	3.288113	0.035032	1.543935	31C	37C	31C	p21-activat	177716.9	167144	162315.6	81466.97	116507.6	130521.5	129589.9	133045.9	122540.6	113620.8	111491.5	133576.2	x		x
G3HN02	1	1	4.404975	0.035135	1.678209	37C	31C	31C	Talin-1 |TL	113539.6	102159.3	135587.2	175091.7	253078.9	161360.8	82792.28	81318.42	102361.9	244198	242183	165137.3	x		x
G3HC70	3	3	14.86855	0.035232	2.43769	37C	31C	31C	Pre-B-cell l	49976.4	61838.39	125102.4	244275.1	165712.8	167542.7	36442.45	49223.1	94446.35	340687	158578.3	171463.8	x		x
G3HPQ0	1	1	3.101693	0.035408	1.829927	31C	37C	31C	U2 snRNP a	293976.2	163951.2	230276.5	126263.7	141626.5	108192.5	214365.4	130504.5	173847.8	176098.2	135529	110724.6	x		x
G3HX78	1	1	1.938859	0.035606	1.545668	37C	31C	31C	Disco-inter	24127.15	29637.29	37672.61	43330.56	53218.88	44781.92	17593.35	23591.16	28441.03	60432.52	50927.61	45829.99	x		x
G3HJS1	1	1	3.330658	0.035606	1.631131	31C	37C	31C	Spectrin be	152925.6	105814.3	113197.9	64285.46	92456.59	71282.43	111512.3	84227.77	85459.04	89658.04	88475.99	72950.71	x		x
G3IIT5	1	1	4.619555	0.035872	3.686235	37C	31C	31C	Nucleosom	27419.69	47459.92	105481.3	139912.7	217787.3	307152.8	19994.25	37777.9	79633.39	195134.3	208410.8	314341.4	x		x
G3H834	1	1	2.890544	0.036052	1.711703	31C	37C	31C	General tra	136611.3	124272	113864.4	53441.36	68085.76	97405.51	99616.04	98919.96	85962.22	74533.91	65154.42	99685.18	x		x
G3ICH9	3	3	10.19135	0.036314	1.686458	31C	37C	37C	Ataxin-10 |	637189.9	683520.3	729618.4	279399.9	483645.8	452714.2	464634.4	544079.3	550827.2	389675.2	462823.1	463309.5	x		x
G3H6W0	1	1	4.980799	0.03648	1.567843	37C	31C	31C	ATP6V1B2	184245.2	200671.7	282432.7	369093.4	300134.5	377071.7	134350.3	159733.8	213223.3	514769.4	287212.6	385896.6	x		x
G3GWG3	1	1	8.089798	0.036612	2.441452	37C	31C	31C	High mobili	718144.4	747493.6	1496225	1639523	2940795	2650929	523666	595001.8	1129579	2286620	2814183	2712971	x		x

G3HUR1	1	1	2.586284	0.036659	1.567127	37C	31C	Signal reco	64102.71	72513.47	98905.6	106707.5	138165	124219.9	46743.25	57720.42	74669.03	148823.5	132216.5	127127.1	x	x
G3HNV4	2	2	14.24201	0.037407	1.59541	37C	31C	Triosephos	1690833	1810189	2817542	3347841	3463383	3269478	1232944	1440903	2127111	4669186	3314272	3345996	x	x
G3H3Q1	2	2	6.606008	0.037717	1.713503	37C	31C	Pyruvate ki	467236	603528.8	715245.3	796675.4	1039761	1223897	340705.2	480406.4	539976.2	1111112	994995.9	1252541	x	x
G3H7V9	4	4	12.12076	0.037864	2.248873	37C	37C	DNA helica	576429.3	444256.1	430792.2	119206.9	289695.7	236521.9	420328.3	353626	325227.6	166256.2	277223.2	242057.4	x	x
G3HGU1	1	1	1.746373	0.038249	3.401816	31C	37C	G/T misma	133635.4	93739.31	64087.03	43286.99	12364.27	30027.02	97446	74616.1	48382.66	60371.75	11831.95	30729.77	x	x
G3GUG1	1	1	5.297429	0.038794	1.568391	31C	37C	Nuclear po	497785.8	442021.4	348626.6	223828.4	322210.9	275460.8	362981.9	351847.2	263196.5	312170.3	308338.6	281907.7	x	x
G3I4D3	1	1	3.229723	0.039224	1.56815	31C	37C	FGFR1 onc	22344.37	14919.98	22382.49	12669.46	13797.24	11569.74	16293.36	11876.24	16897.72	17669.91	13203.22	11840.52	x	x
G3H2P3	1	1	2.503212	0.039427	2.623873	37C	31C	Beta-galac	6654.182	21620.25	10267.68	31116.67	40330.6	29682.32	4852.183	17209.63	7751.612	43397.98	38594.22	30377.01	x	x
G3GWL7	2	2	7.484118	0.039445	1.685238	31C	37C	Ribosomal	677560.1	490736.6	418628.4	299592	270934.7	371135.4	494072.1	390624.3	316044.6	417836.8	259270	379821.4	x	x
G3IP49	1	1	2.991872	0.039511	2.201036	37C	31C	Endoplasm	5884.969	10301.46	10993.3	22924.58	13651.81	23247.15	4291.279	8199.918	8299.417	31972.59	13064.05	23791.23	x	x
G3H1I9	1	1	4.209376	0.039808	3.1973	37C	31C	Phospholip	15179.99	36618.3	40515.27	57112.43	112906.9	125134.8	11069.14	29148.02	30587.1	79653.91	108045.8	128063.4	x	x
G3HHJ4	1	1	4.090425	0.039871	2.373879	37C	31C	Vacuolar p	1735.823	4059.583	2668.823	4646.524	7455.738	7990.791	1265.75	3231.411	2014.834	6480.442	7134.741	8177.807	x	x
G3IDQ5	1	1	3.782844	0.040506	2.549578	31C	37C	Tudor and I	199685.9	150691.1	130001.7	30885.41	81333.58	76196.02	145609.6	119949.5	98145.1	43075.45	77831.87	77979.3	x	x
G3H7N6	1	1	3.96405	0.040637	3.012319	37C	31C	Putative sa	19529.83	41480.54	19606.31	51450.39	65263.06	126129.7	14241.02	33018.34	14801.84	71757.13	62453.25	129081.6	x	x
G3HYW3	1	1	3.584424	0.040904	1.763104	31C	37C	Cullin-4B (I	164875.6	144804.4	107417.7	83305.43	94760.85	58503.88	120226.2	115263.7	81095.28	116184.9	90681.05	59873.1	x	x
G3GZQ4	1	1	3.898366	0.041232	1.585472	37C	31C	Rab3 GTPa	67334.04	48820.35	57686.67	111638.5	73194.28	90787.34	49099.51	38860.8	43550.7	155700.7	70043	92912.11	x	x
G3H6C2	1	1	3.023014	0.041294	2.787282	31C	37C	Kelch-like I	68645.43	60688.36	46418.5	9137.716	26091.01	27826.35	50055.77	48307.68	35043.76	12744.24	24967.69	28477.59	x	x
G3ICD3	1	1	3.481607	0.041591	1.538007	37C	31C	Lactadherii	53082.89	57484.72	59624.64	108134	67643.26	85979.66	38707.68	45757.6	45013.77	150813	64730.98	87991.91	x	x
G3HCJ1	1	1	6.293438	0.041738	1.787728	37C	31C	Lon protea	255687.3	376907.7	499443.6	774940.8	632507.4	616329.1	186445.4	300017	377056.2	1080799	605275.7	630753.6	x	x
G3HMG4	5	4	16.2929	0.042	1.73305	37C	31C	Amyloid be	48188.16	64467.02	95827.71	124105.1	119977.3	117228.9	35138.47	51315.48	72345.37	173087.6	114811.9	119972.5	x	x
G3IC10	3	3	8.461314	0.042095	2.033568	37C	31C	Acetyl-CoA	27250.69	18533.14	39988.41	46712.16	56881.66	70829.86	19871.01	14752.3	30189.35	65148.79	54432.7	72487.56	x	x
G3HGT4	1	1	2.730311	0.042195	1.862873	37C	31C	Uncharacte	19166.76	19569.55	37429.35	50688.73	49253.35	41944.84	13976.27	15577.28	28257.38	70694.86	47132.82	42926.51	x	x
G3HUC2	1	1	2.314324	0.042354	1.500599	31C	37C	A-kinase ar	84220.94	77249.89	62495.07	54785.27	39701.31	54764.39	61413.33	61490.59	47180.81	76408.24	37992.03	56046.09	x	x
G3H1G2	1	1	3.892368	0.042531	1.656571	37C	31C	Eukaryotic	715665.5	699020	1176646	1333318	1613855	1345552	521858.4	556417	888311.7	1859559	1544373	1377043	x	x
G3I958	1	1	2.624484	0.042649	1.731362	37C	31C	Protein DD	20352.46	22926.12	24908.95	27701.76	41366.19	48989.36	14840.87	18249.1	18805.07	38635.25	39585.22	50135.91	x	x
G3HJQ8	1	1	2.061594	0.043015	1.662589	31C	37C	Integrin alp	80061.63	71367.98	49129.11	39989.83	46054.58	34585.95	58380.39	56808.62	37090.15	55773.26	44071.76	35395.4	x	x
G3I0X5	1	1	2.372374	0.043194	1.588979	37C	31C	Epoxide hy	86669.59	114072.8	108763.5	196754.9	126250.2	168793.2	63198.86	90801.52	82111.28	274411.3	120814.7	172743.7	x	x
G3I4W7	1	1	4.10072	0.04355	1.840742	37C	31C	Cathepsin	292539.4	319752.7	481310.8	671129.7	506703.2	835208.1	213317.7	254521.8	363366.8	936015.2	484887.8	854755.2	x	x
G3HAP5	1	1	4.377504	0.043572	5.836278	37C	31C	Gamma-glu	4534.333	2409.395	11885.08	26378.15	16540.24	66971.76	3306.404	1917.869	8972.669	36789.24	15828.12	68539.15	x	x
G3I015	1	1	2.571639	0.043674	2.230595	37C	31C	NAD(P)H d	10887.47	14863.89	29115.48	34119.01	42925.37	45341.32	7939.07	11831.59	21980.81	47585.31	41077.28	46402.48	x	x
G3HKJ3	1	1	2.771187	0.04369	2.98158	31C	37C	TFIIH basal	62041.83	45070.54	58851.36	22008.17	26503.73	7151.111	45240.47	35875.96	44429.98	30694.48	25362.65	7318.474	x	x
G3HM98	1	1	4.167931	0.043702	1.58805	31C	37C	Drebrin-like	356589.9	298925.6	343497	259451.4	217614.1	152015.8	260022.9	237943.6	259323.9	361853.2	208245	155573.6	x	x
G3HPP3	1	1	4.191503	0.043734	1.899919	37C	31C	MGST3 | M	553605.6	573789.7	523689.7	928664.6	734715.4	1473548	403685.4	456734.2	395360.9	1295196	703083.2	1508035	x	x
G3H193	1	1	4.746608	0.043988	2.151642	37C	31C	FAS-associ	48674.87	51633.16	99418.29	104439.6	150445.5	174854.5	35493.38	41099.78	75056.08	145660.4	143968.3	178946.8	x	x
G3HYL0	2	1	4.823795	0.044284	1.567389	31C	37C	Eukaryotic	1098511	700700.5	798954.9	631934.4	515586.2	510119.4	801026.6	557754.7	603173	881350.1	493388.3	522058.2	x	x
G3I1P5	2	2	7.1815	0.0444	2.171646	37C	31C	SH3 domai	287149.5	415696	503282.6	764061.2	620035.4	1235187	209387.4	330892.3	379954.4	1065626	593340.6	1264095	x	x
G3HB04	1	1	7.11036	0.044704	5.615134	37C	31C	Protein dis	76073.04	85840.91	11703.47	297390.8	208824.7	468669.6	55471.93	68329.01	8835.56	414766.8	199834	479638.3	x	x
G3HYC0	1	1	2.049191	0.045284	10.12555	31C	37C	CML3 | CM	54081.02	45235.4	51314.86	332.1583	6667.28	7876.912	39435.5	36007.19	38740.28	463.2566	6380.23	8061.262	x	x
G3GZD2	1	1	2.130773	0.045738	1.716307	37C	31C	Phosphogl	12415.18	11860.23	13373.63	24044.17	14766.86	25806.29	9053.065	9440.692	10096.45	33534.07	14131.1	26410.26	x	x
G3I9F0	2	2	8.396929	0.046189	1.75065	37C	31C	General ve	97465.06	118928.7	175068.7	242656.1	259841	182816.7	71070.85	94666.79	132168.5	338429	248653.9	187095.4	x	x
G3IGI5	1	1	2.253259	0.046465	1.739674	31C	37C	Pumilio dor	60006.1	75710.9	84250.7	29942.27	54814.45	41685.2	43756.03	60265.56	63605.27	41760.06	52454.49	42660.8	x	x
G3I366	1	1	2.371305	0.046506	1.821132	31C	37C	Prolyl endo	607441.9	459248	430477.5	374146.1	255418.4	192543.7	442942.5	365559.5	324990	521816.4	244421.7	197050	x	x
G3IA94	4	4	14.34861	0.046543	1.556529	37C	31C	MYL12B | M	385774.7	395261.6	606797.9	688605.5	654366.5	817232.3	281304.2	314626.6	458103.6	960388.5	626193.6	836358.7	x	x
G3H0D2	2	2	9.072025	0.046733	2.262752	37C	31C	Reticuloca	50518.64	38830.58	50473.38	163012.2	76386.22	76985.49	36837.84	30908.98	38105.01	227350.8	73097.51	78787.25	x	x
G3GWV5	1	1	7.970692	0.046925	1.554852	31C	37C	Phospholip	283706.5	193422	252971.7	188190.2	150395.6	130976.6	206876.8	153963.1	190981.6	262466.3	143920.5	134041.9	x	x
G3I0C8	2	2	8.129336	0.047423	1.920934	37C	31C	Acetyl-CoA	865026.2	931844.5	1719424	2683025	2242520	1829026	630771.2	741744.4	1298084	3741978	2145972	1871832	x	x
G3I881	2	1	6.489048	0.047552	6.3073	37C	31C	Peptidylpro	38886.31	12031.26	55983.68	358696.4	238238.6	77323.2	28355.63	9576.833	42265.02	500268.9	227981.6	79132.86	x	x
G3IDJ2	1	1	5.301745	0.047617	3.280061	37C	31C	Nuclear po	18582.04	28085.12	89431.75	122778.4	196452.5	127181.8	13549.89	22355.64	67516.73	171237.3	187994.5	130158.4	x	x
G3I3G7	1	1	2.462354	0.047864	2.408562	31C	37C	Epidermal	38874.7	31165.9	38347.27	24600.32	12922.3	7478.459	28347.16	24807.93	28950.36	34309.72	12365.94	7653.484	x	x
G3GXB1	1	1	2.52106	0.047884	2.832886	31C	37C	THO compl	69727.56	32113.67	36381.82	23863.94	16095.92	8832.46	50844.85	25562.35	27466.55	33282.7	15402.93	9039.174	x	x
G3HEA6	1	1	3.805617	0.048376	3.071373	37C	31C	Targeting p	15317.37	27480.56	27402.17	34176.42	90222.11	91212.17	11169.32	21874.41	20687.34	47665.37	86337.73	93346.89	x	x
G3HUF3	1	1	2.867599	0.048707	1.935499	37C	31C	ATP-bindin	31785.83	44133.83	55372.61	58545.12	97746.33	97824.61	23178.01	35130.35	41803.69	81652.06	93538	100114.1	x	x
G3I5V9	1	1	4.495969	0.049447	1.675696	37C	31C	Peroxisom	178562.8	215570.9	330131.2	453547	406532.1	353568.6	130206.8	171593.6	249233.4	632555.6	389029.5	361843.5	x	x
G3HH79	1	1	2.573007	0.049717	1.777694	31C	37C	Zinc finger	21546.56	20850.4	19334.35	7207.624	15001.14	12516.73	15711.6	16596.83	14596.52	10052.37	14355.29	12809.67	x	x

									Normalized abundance						Raw abundance							
									31C			37C			31C			37C			Tags	
Accession	Peptide co	Unique pep	Confidenc	Anova (p)	Max fold ch	Highest me	Lowest me	Description	DR_31degr	DR_31degr	DR_31degr	DR_37degr	DR_37degr	DR_37degr	DR_31degr	DR_31degr	DR_31degr	DR_37degr	DR_37degr	DR_37degr	Anova p-va	Max fold change >= 1.5
G3H2X8	1	1	2.330995	9.87E-07	Infinity	37C	31C	CERS2 | CE	0	0	0	8097.144	8148.087	4572.385	0	0	0	4537.734	19135.54	4688.053	x	x
G3H5I9	1	1	3.102393	1.58E-06	Infinity	37C	37C	Pleiotropic	11866.94	6683.362	14081.25	0	0	0	11866.94	11824.53	12495.63	0	0	0	x	x
G3HWC3	22	22	102.2789	2.22E-06	2.498051	31C	37C	EZR | EZR	4807741	4751154	4542094	1897983	1828478	1918336	4807741	8405975	4030631	1063652	4294125	1966865	x	x
G3I477	1	1	3.271159	3.17E-06	Infinity	31C	37C	Ras-relatec	26297.07	11513.74	28020.13	0	0	0	26297.07	20370.67	24864.92	0	0	0	x	x
G3I4E5	1	1	2.130816	3.56E-06	Infinity	31C	37C	AN1-type z	16657.48	9346.072	6467.69	0	0	0	16657.48	16535.53	5739.395	0	0	0	x	x
G3HC04	2	2	5.251849	5.63E-06	2.035674	31C	37C	Ras-relatec	345673.4	330626.9	323050	164407.9	160567	165943.8	345673.4	584961.4	286672.9	92136.09	377086.8	170141.7	x	x
G3HBG5	4	3	17.22285	7.35E-06	1.780042	31C	37C	26S protea	2419069	2380845	2330738	1339183	1296784	1369924	2419069	4212308	2068285	750493.6	3045457	1404579	x	x
G3H6D0	2	2	7.876754	1.65E-05	4.246468	37C	31C	Ribonuclec	30861.44	28525.21	32244.88	119565.3	140624.3	128920.8	30861.44	50468.2	28613.94	67005.78	330251.9	132182.1	x	x
G3GUV6	1	1	2.570677	1.65E-05	4.432834	37C	31C	Porimin |	155753.9	150019.5	181670.1	37675.72	36638.5	35647.82	155753.9	265421.8	161213.1	21113.91	86044.42	36549.6	x	x
G3HE39	3	3	8.470081	1.83E-05	3.398887	37C	31C	HTATIP2 | H	23094.83	24661.33	27493.09	86490.53	84266.1	85007.07	23094.83	43632.04	24397.22	48470.3	197896.4	87157.5	x	x
G3I4X9	1	1	2.9504	3.39E-05	2.179879	37C	31C	Cyclin-dep	14659.28	15588.25	14284.68	34182.37	31272.27	31620.18	14659.28	27579.5	12676.15	19156.2	73441.98	32420.07	x	x
G3IKA0	1	1	3.497005	3.54E-05	3.202197	31C	37C	Frataxin, m	2063675	2141918	1875722	685520.6	617281.8	596304.4	2063675	3789585	1664506	384173.8	1449668	611389.1	x	x
G3HWS9	2	2	7.277251	3.58E-05	3.527991	37C	31C	Phosphatic	10516.64	8771.435	9454.981	34694.15	31561.85	35149.25	10516.64	15518.85	8390.302	19443	74122.04	36038.43	x	x
G3HHR3	33	33	155.0317	3.85E-05	2.31391	31C	37C	Vimentin | '	58474015	55654268	55644282	26328389	23084993	23957034	58474015	98466258	49378449	14754737	54214408	24563076	x	x
G3HD16	1	1	3.12916	3.91E-05	2.147041	31C	37C	Serine/thre	104592.7	109505.8	101097.6	49533.46	46075.35	51196.09	104592.7	193743	89713.52	27759.13	108206.6	52491.2	x	x
A5XDT6	3	3	10.35559	4.04E-05	3.086195	31C	37C	CIRBP | CIF	567060.9	579291.8	672854	203248.4	196764.9	189452.5	567060.9	1024911	597087.2	113902.8	462096.5	194245.1	x	x
G3GVI3	3	3	7.60543	4.21E-05	1.537366	31C	37C	Serine hydr	115118.2	122110.7	115109.3	75823.32	75398.94	77960.78	115118.2	216044.3	102147.4	42492.27	177072.1	79932.96	x	x
G3IKW4	3	3	9.936356	4.30E-05	4.718051	31C	37C	GDP-L-fuc	207635.9	196333.2	189598.4	41247.91	47831.6	36728.26	207635.9	347362.3	168248.6	23115.81	112331.1	37657.37	x	x
G3I7K5	3	3	9.212786	4.95E-05	1.641653	31C	37C	Sorting nex	386353.4	390710	405528.9	240835.8	230521.3	249009.5	386353.4	691263.3	359864.3	134967.2	541372.3	255308.7	x	x
G3HCU8	3	2	7.049948	5.00E-05	1.77616	31C	37C	26S protea	370649.9	362275	341073	204521.8	205976.1	194176.1	370649.9	640954.7	302666.5	114616.4	483728.7	199088.2	x	x
G3HK78	1	1	2.737811	5.24E-05	2.867989	37C	31C	Transformi	26129.32	25438.62	28713.14	73247.98	83687.76	73309.53	26129.32	45007.25	25479.9	41049.02	196538.2	75164.05	x	x
G3I5S9	3	3	9.312784	5.31E-05	1.892116	31C	37C	Pleckstrin-	70286.96	68531.81	68424.08	34138.02	38200.08	37191.56	70286.96	121249.8	60719.18	19131.34	89711.73	38132.4	x	x
G3GTM5	5	5	13.73007	5.80E-05	2.519257	37C	31C	Nucleopori	32341.76	29171.27	27822.87	78002.72	71248.47	75808.89	32341.76	51611.24	24689.87	43713.64	167324.9	77726.63	x	x
G3IBX8	1	1	3.879	6.09E-05	6.249631	31C	37C	N-acetyl-D	615883.7	553666.4	609582.4	85273.2	84933.01	114471.8	615883.7	979573.7	540940.3	47788.1	199462.6	117367.6	x	x
G3HEN9	2	2	8.520887	6.22E-05	2.519388	37C	31C	Septin-5 | S	71630.62	61125.59	65705.98	172102.7	169753.7	158146.9	71630.62	108146.4	58307.14	96448.34	398661.4	162147.6	x	x
G3IAI6	10	10	77.94644	6.29E-05	6.445292	31C	37C	Heme oxyg	12089139	14274125	10628283	1988805	2068905	1681603	12089139	25254482	9431484	1114550	4858761	1724142	x	x
G3IHN6	3	3	6.541377	7.44E-05	1.734028	37C	31C	4F2 cell-su	149143.8	151414.1	138373.5	252050.4	262123.1	246945.7	149143.8	267889.2	122792	141252	615588.2	253192.7	x	x
G3GYZ1	3	3	19.24488	7.49E-05	3.045078	31C	37C	CD44 antig	4218278	4286926	4351949	1249990	1399954	1572329	4218278	7584640	3861897	700509.1	3287751	1612104	x	x
G3H3D3	3	3	10.35781	8.16E-05	2.718306	37C	31C	Branched-c	58434.65	61453.21	61268.29	152652.5	183823.5	155961.9	58434.65	108726	54369.17	85548.27	431704	159907.2	x	x
G3GTB3	1	1	1.864864	8.48E-05	Infinity	37C	31C	5-formyltet	0	0	0	32499.21	38752.98	5089.576	0	0	0	18212.94	91010.2	5218.327	x	x
G3I3J1	7	7	18.2269	8.50E-05	2.914243	37C	31C	Asparagine	55032.13	51788.35	63526.15	162635.9	174257.4	159538.3	55032.13	91626.49	56372.78	91143.05	409238.1	163574.1	x	x
G3H3H9	8	8	26.4528	8.53E-05	2.397116	37C	31C	Aminopept	246569.1	213102.3	241073.3	589124.5	558745.9	531896.1	246569.1	377031	213927.2	330152.3	1312198	545351.5	x	x
G3IJB6	6	6	18.92822	8.53E-05	2.427196	37C	31C	Protein RC	246975.1	210725.2	211143.5	558202.2	535538.4	529674.5	246975.1	372825.3	187367.7	312823.1	1257696	543073.7	x	x
G3H4A3	1	1	2.153599	8.63E-05	3.274844	31C	37C	Pyroglutam	135714.8	134870.6	113134.3	38361.3	42270.58	36540.03	135714.8	238619.7	100394.8	21498.12	99271.17	37464.38	x	x
G3HBN7	2	2	7.195569	9.61E-05	2.189083	37C	31C	28S riboso	31595.44	29838.91	29810.96	61319.29	66532.81	71891.48	31595.44	52792.46	26454.1	34364.05	156250.3	73710.13	x	x
G3ICI3	1	1	2.491258	0.000111	2.049915	37C	31C	Olfactory r	304499.6	350258.6	314542	647188.3	648723.8	691070.9	304499.6	619694.7	279123	362691.9	1523508	708553	x	x
G3HYP6	3	3	8.238842	0.00012	2.706814	37C	31C	Nuclear mi	82592.33	74721.32	67475.81	213846	190600	204017.2	82592.33	132200.6	59877.69	119841.8	447618.3	209178.2	x	x
G3GT82	3	3	9.703497	0.000126	6.055489	37C	31C	Prolyl 3-hy	4214.711	3065.216	3575.056	25002.92	21879.19	18850.12	4214.711	5423.131	3172.486	14011.93	51382.61	19326.97	x	x
G3HLN9	2	2	5.625866	0.000127	5.550966	37C	31C	General tra	7538.636	6305.207	6985.044	30955.65	42794.92	41869.88	7538.636	11155.48	6198.492	17347.91	100502.6	42929.07	x	x
G3HM07	1	1	2.28542	0.000131	35.3596	37C	31C	Transmeml	2989.621	2802.619	3829.931	116677.3	152455.5	71103.37	2989.621	4958.53	3398.661	65387.3	358037.1	72902.07	x	x
G3H750	4	4	11.86985	0.000134	1.52315	31C	37C	Calpastatir	695470	699231.4	744108.3	469156	483216	451829.7	695470	1237114	660317.9	262920.5	1134818	463259.6	x	x
G3IK71	1	1	3.701669	0.000139	Infinity	37C	31C	INCENP | IN	0	0	0	4025.317	19480.36	47964.96	0	0	0	2255.835	45749.04	49178.33	x	x
G3H3G9	15	15	48.56319	0.000143	1.772874	31C	37C	Septin-9 | S	1325001	1320213	1401176	708898.1	796832.9	776658.6	1325001	2335786	1243396	397274.8	1871338	796305.7	x	x
G3IL47	2	2	4.827066	0.000144	1.886849	31C	37C	Carnitine C	30256.6	28373.48	33071.38	16312.07	16064.82	16223.42	30256.6	50199.75	29347.37	9141.476	37727.74	16633.83	x	x
G3H8S6	1	1	2.777918	0.000145	4.59919	37C	31C	Calcium-bi	3418.303	3125.244	4015.155	13966.6	18361.5	16233.38	3418.303	5529.334	3563.028	7827.047	43121.43	16644.03	x	x
G3H9Z4	3	3	9.355139	0.000145	1.754719	31C	37C	Serine-thre	747220.8	803411.4	701565.3	425208.7	433231.4	425069.2	747220.8	1421435	622565.5	238291.9	1017431	435822.2	x	x
G3I7V6	4	4	12.05299	0.000154	6.349135	37C	31C	MOGS | MC	9387.253	10392.16	10813.74	77491.81	66213.16	50535.07	9387.253	18386.32	9596.056	43427.32	155499.6	51813.46	x	x
G3HBW6	1	1	1.674775	0.000159	Infinity	37C	31C	Serine prot	0	0	0	1199.225	1784.723	300.9509	0	0	0	672.0598	4191.368	308.5641	x	x
G3GWD5	2	2	7.101869	0.000164	1.771247	31C	37C	Wolframin	47826.53	47346.81	53801.19	28115.76	27677.95	28313.42	47826.53	83768.3	47742.89	15756.4	65000.82	29029.67	x	x
G3I863	4	3	11.36114	0.000166	8.111341	31C	37C	Ephrin type	99943.01	96098.32	63463.79	10758.53	9809.634	11424.71	99943.01	170021.9	56317.44	6029.207	23037.63	11713.72	x	x
G3HLH3	5	5	14.01882	0.000167	2.098097	37C	31C	Rab GTPas	41769.46	36754.23	35115.61	82048.96	78692.88	77684.39	41769.46	65027.39	31161.41	45981.2	184807.9	79649.57	x	x

G3GX55	10	10	41.43309	0.000172	2.137304	31C	37C	Brain-spec	1920059	1897942	1642900	894103.9	827316.1	833620.6	1920059	3357931	1457901	501066.3	1942927	854708.7	x	x
G3I2M7	1	1	2.404883	0.000173	Infinity	31C	37C	Splicing fac	5156.405	16992.85	1589.651	0	0	0	5156.405	30064.58	1410.648	0	0	0	x	x
G3H239	4	4	14.7279	0.000181	1.728889	37C	31C	Sarcoplasn	86798.78	83004.48	80661	149277.7	149298.9	134448.2	86798.78	146855.6	71578.16	83656.99	350624	137849.3	x	x
G3H2I6	3	3	8.40514	0.000185	1.772057	37C	31C	Neural cell	700550.8	762688.9	660613.2	394669.3	396326.5	407528.3	700550.8	1349387	586224.7	221177.3	930760.8	417837.5	x	x
G3H1B3	8	8	30.82309	0.000186	1.613632	37C	31C	Lamin-L(I)	292480.1	272331.1	290361.4	435018.8	476759.6	468155.1	292480.1	481821.5	257665.2	243789.6	1119655	479998.1	x	x
G3IGH9	2	2	4.896459	0.000198	1.822322	37C	31C	Ras-relatec	140973.9	159574.1	144309.7	79993.82	85508.38	78613.65	140973.9	282326.4	128059.7	44829.47	200813.8	80602.34	x	x
G3IJ86	2	2	6.936461	0.000204	4.858302	37C	31C	Nucleotide	14576.49	14564	20512.94	78016.23	87694.92	75520.16	14576.49	25767.34	18203.08	43721.21	205948.9	77430.59	x	x
G3HIG4	1	1	3.330409	0.000205	Infinity	37C	31C	Lysophosp	0	0	0	17505.75	2217.683	26221.77	0	0	0	9810.425	5208.162	26885.1	x	x
G3HS69	2	2	5.856195	0.000213	3.085113	37C	31C	DnaJ-like s	43243.2	38705.48	37635.76	116698.9	141957.5	110275.1	43243.2	68479.63	33397.78	65399.42	333383	113064.7	x	x
Q60456	6	5	23.54619	0.000217	1.912469	31C	37C	Tubulin bet	1667974	1643223	1489311	878542.8	852819.4	778748.2	1667974	2907270	1321607	492345.6	2002821	798448.3	x	x
Q9Z2J2	2	2	7.68414	0.000235	1.994469	37C	31C	DNA-(apuri	86553.92	76205.26	85788.03	155173.2	176283.5	164262.9	86553.92	134826.1	76127.85	86960.89	413996.6	168418.3	x	x
G3I766	3	3	14.15055	0.000244	676.36	31C	37C	Carboxylic	1961900	2265477	1784465	3604.013	804.3517	4480.159	1961900	4008193	1583525	2019.731	1888.996	4593.494	x	x
G3HEI4	2	2	6.781879	0.000245	5.679876	31C	37C	Putative tra	160563	153702	172777.9	25972.2	23156.4	36620.27	160563	271937.1	153322.2	14555.12	54382.11	37546.65	x	x
G3IKH9	4	4	13.29012	0.000246	1.816499	37C	31C	Phosphose	1110430	1057469	1184481	1897995	2142597	2049003	1110430	1870925	1051103	1063659	5031825	2100837	x	x
G3HWY6	5	5	15.06272	0.000262	1.84871	31C	37C	Dynamin-li	206752.6	228633.6	198076.2	114262.9	108831.2	119556.9	206752.6	404509.7	175771.8	64034.28	255586.7	122581.3	x	x
A1E3K4	1	1	3.059647	0.000264	1.886823	31C	37C	Bak |BAK1	137658.9	122705.2	123966.6	69908.09	70813.43	62970.45	137658.9	217096.1	110007.3	39177.31	166303.2	64563.42	x	x
G3HUL2	5	5	10.12861	0.000272	1.686737	31C	37C	Aldehyde o	291966.4	318200.8	303285.1	168017.2	188383.5	185149.1	291966.4	562976.4	269133.6	94158.8	442413	189832.8	x	x
G3HHE4	7	7	27.63835	0.000278	1.620996	37C	31C	Leucyl-tRN	276196.7	280420.9	290260.3	433223	491157	448405.4	276196.7	496134.4	257575.5	242783.3	1153467	459748.7	x	x
G3I2J5	7	7	20.51669	0.00028	1.693886	37C	31C	Protein unc	193117.1	198900.6	207912.7	324260.9	326761.4	365191.6	193117.1	351904.7	184500.6	181719.6	767389.2	374429.8	x	x
G3H4D2	4	4	17.15809	0.000289	1.8683	37C	31C	Glycosyltra	338323.9	349050.2	355738.9	715694.8	607851	625301.7	338323.9	617556.7	315680.9	401083.7	1427520	641120	x	x
G3IK30	1	1	2.685954	0.000295	Infinity	37C	31C	Glycerol-3-	0	0	0	8567.37	12795.38	1041.489	0	0	0	4801.254	30049.57	1067.836	x	x
G3I2X3	2	2	7.393495	0.0003	1.515043	31C	37C	Casein kina	190330.1	185762	195675.8	123221.2	120369.5	133803.2	190330.1	328659.3	173641.7	69054.63	282684.2	137188	x	x
G3I369	2	2	5.943968	0.00031	3.14008	37C	31C	Golgi appar	52129.97	42469.98	56455.44	169410.5	161806.1	143109.4	52129.97	75139.96	50098.27	94939.61	379996.8	146729.6	x	x
G3I486	5	5	15.40064	0.000318	1.727637	37C	31C	Heterochro	131462.8	136315.6	143733.3	228240.8	255973.1	226728.8	131462.8	241176.3	127548.2	127908.8	601145.2	232464.3	x	x
G3IN68	1	1	3.770767	0.000324	1.516146	31C	37C	CD2 antige	129926.2	131279.6	123367.6	86094.81	88002.29	79554.82	129926.2	232266.3	109475.8	48248.54	206670.7	81567.32	x	x
G3I9L7	1	1	3.167778	0.000331	Infinity	37C	31C	EGF-contai	0	0	0	29313.33	43200.23	2460.714	0	0	0	16427.53	101454.4	2522.962	x	x
G3HWJ3	53	53	207.2397	0.000332	1.805126	31C	37C	Uncharacte	2926816	2792761	2689333	1432143	1549317	1676889	2926816	4941089	2386500	802589.8	3638525	1719310	x	x
G3I7A8	2	2	7.144829	0.000332	1.504956	31C	37C	Proteasom	3001791	3249383	3169825	1999789	2193088	2067104	3001791	5748967	2812887	1120705	5150401	2119396	x	x
G3I7M1	1	1	2.79082	0.000336	1.865338	37C	31C	Ataxin-2-lik	61640.55	70019.28	66879.96	120730	133128.6	116485.2	61640.55	123881.5	59348.94	67658.49	312648.6	119431.9	x	x
G3HYG2	4	4	16.12443	0.00035	8.280474	37C	31C	Eukaryotic	24645.91	25956.41	26378.29	187245.9	292037.3	158152.7	24645.91	45923.35	23407.95	104934.8	685840.7	162153.5	x	x
G3HNJ6	3	3	11.83076	0.000355	1.500635	37C	31C	60S ribosor	626065.7	704173	657721.1	970643	1004554	1008006	626065.7	1245857	583658.3	543959.7	2359164	1033505	x	x
G3GR83	4	4	15.05091	0.00036	3.236923	31C	37C	1,5-anhydr	526525.7	549436.2	570368.3	179757.8	191835.2	137016.7	526525.7	972089.5	506141.9	100738.3	450519.2	140482.8	x	x
G3ILG6	3	3	15.05161	0.000362	1.916416	37C	31C	Inorganic p	201797.5	168129.5	191890.1	372156.9	358335.9	346182.3	201797.5	297462.9	170282.2	208561.1	841541	354939.7	x	x
G3GVH8	2	2	6.5348	0.000367	1.566149	31C	37C	Protein fligl	185806.5	202198.9	193297.6	117745.5	122132.1	131289.5	185806.5	357740.3	171531.3	65985.98	286823.5	134610.8	x	x
G3HA18	5	4	14.18067	0.000368	1.585878	31C	37C	Huntingtin-	156582.1	166107.3	154286	95560.87	107164	98039.34	156582.1	293885.2	136912.6	53553.43	251671.5	100519.4	x	x
Q60455	8	8	40.36179	0.000383	1.585649	31C	37C	Tubulin bet	11490227	10935952	10872317	7462562	6542055	6995302	11490227	19348423	9648038	4182107	15363819	7172262	x	x
G3ID08	2	1	4.679696	0.00039	2.339953	37C	31C	Putative pr	19121.94	17784.54	16252.11	39216.82	38506.28	46665.5	19121.94	31465.28	14422.04	21977.56	90430.83	47846	x	x
G3HG25	5	5	18.24153	0.00039	1.654659	37C	31C	Laminin su	153926.8	157310.9	144897.4	267079.7	233923.4	253744.9	153926.8	278322.2	128581.2	149674.6	549362	260163.9	x	x
G3IJ02	4	4	16.4601	0.000404	1.779474	31C	37C	Leucine-ric	575296.5	605189.1	602550.7	309119.5	325995.8	366886.9	575296.5	1070730	534700.4	173234.2	765591.3	376168	x	x
G3GUC8	1	1	4.523482	0.000405	2.096238	31C	37C	Obg-like AT	128150.6	128017.1	139830.2	70954.36	59332.13	58622.34	128150.6	226494.2	124084.6	39763.65	139339.7	60105.31	x	x
G3I2N0	2	2	4.628019	0.000423	1.652057	37C	31C	Inhibitor of	27499.07	30121.11	29744.78	44724.77	50562.05	49045.08	27499.07	53291.74	26395.37	25064.28	118743.4	50285.78	x	x
G3GRB1	6	6	20.47086	0.000442	2.0079	31C	37C	Calpain-2 c	215224.9	225593.8	210451.4	97313.08	120732.2	106308.5	215224.9	399131.5	186753.5	54535.39	283535.9	108997.8	x	x
G3GVG0	1	1	3.321554	0.000444	1.835049	37C	31C	Proteasom	55897.91	52597.29	47106.34	96999.71	98509.58	90027.15	55897.91	93057.71	41801.93	54359.77	231346.8	92304.57	x	x
G3HA51	3	3	11.06387	0.000445	3.778731	37C	31C	Procollagei	39855.7	37090.23	31984.54	142639.4	158327	110652.6	39855.7	65621.85	28382.91	79936.78	371826.1	113451.8	x	x
G3H337	1	1	2.305411	0.000456	2.337776	37C	31C	tRNA-nucle	8362.607	8087.055	7843.124	16126.57	20666.37	19998.15	8362.607	14308.01	6959.947	9037.52	48534.36	20504.04	x	x
G3HWT7	4	4	12.86118	0.000466	1.87969	37C	31C	FYVE and c	40634.74	39652.79	41841	77935.12	83244.98	68383.63	40634.74	70155.66	37129.49	43675.75	195498.3	70113.53	x	x
G3HMB9	2	2	8.956701	0.00049	1.643795	37C	31C	Histone H2	778736.6	736420.4	798820.8	1165190	1319429	1319087	778736.6	1302911	708869.5	652986.2	3098639	1352456	x	x
G3HW57	3	3	8.944582	0.000502	5.222997	31C	37C	Cell divisio	60671.1	47787.59	47143.38	11897	7450.472	10444.24	60671.1	84548.14	41834.79	6667.22	17497.21	10708.45	x	x
G3GYL3	2	2	6.884623	0.000508	2.370469	37C	31C	NADH dehy	34109.61	26219.45	29861.49	72915.11	74713.61	66165.15	34109.61	46388.74	26498.93	40862.48	175462.7	67838.93	x	x
G3GXB1	1	1	2.52106	0.000514	9.557043	31C	37C	THO compl	23395.25	21225.5	35443.1	3634.926	2601.554	2140.99	23395.25	37553.2	31452.02	2037.055	6109.672	2195.15	x	x
G3ILS7	2	2	11.34319	0.000519	1.611877	37C	31C	26S protea	251205.2	222006.8	223161.2	392193.3	365926	364348.9	251205.2	392785.3	198032.1	219789.7	859366.1	373565.9	x	x
G3HEA9	3	3	12.39382	0.000527	1.711406	37C	31C	Minor histo	144781.2	137842.2	123606.4	221769.1	231613.6	241841.5	144781.2	243877.2	109687.7	124282	543937.5	247959.4	x	x
G3HX92	4	4	13.27878	0.000531	1.529268	37C	31C	Protein arg	154241.4	158330.2	154912.5	244004	251297	219607.4	154241.4	280125.6	137468.6	136742.7	590163.5	225162.9	x	x
G3HBL6	1	1	2.407915	0.000534	29.17358	37C	31C	AURKA |AL	1089.484	488.7686	414.1096	25393.59	18172.64	14558.11	1089.484	864.7534	367.4787	14230.86	42677.88	14926.39	x	x

G3I255	17	17	81.25558	0.000536	3.86158	31C	37C	L-lactate d	93670629	87428923	80598898	28425141	20818407	18526230	93670629	1.55E+08	71523047	15929781	48891398	18994889	x	x
G3HAA1	3	3	9.82737	0.000553	2.012825	37C	31C	Heterogene	89811.32	95479.36	110179.4	188542.3	211843.7	194343.5	89811.32	168926.8	97772.66	105661.3	497508.5	199259.8	x	x
G3IDJ8	5	5	19.11782	0.000554	2.035955	37C	31C	ATP-depen	88582.7	88635.27	93280.09	160833.7	203139.4	186748.7	88582.7	156817.9	82776.27	90133.08	477066.7	191472.9	x	x
G3HV39	2	2	11.06165	0.000563	1.908218	31C	37C	Poly(RC)-b	6013471	5616577	5876213	2908519	2822602	3443018	6013471	9937123	5214521	1629968	6628795	3530116	x	x
G3HEN3	3	3	11.59772	0.000569	2.118666	31C	37C	Protein HIF	202770.6	183472.5	199478.1	102909.8	81048.21	92499.53	202770.6	324608.5	177015.8	57671.83	190339.3	94839.49	x	x
G3I4K9	1	1	2.228767	0.000596	3.842882	31C	37C	RBM4 |	36411.17	42731.93	27952.4	10003.14	8323.372	9542.025	36411.17	75603.42	24804.82	5605.878	19547.19	9783.41	x	x
G3I412	6	6	19.74031	0.000609	3.63259	31C	37C	45 kDa calc	332989.5	273417.3	346840.9	73958.9	81557.36	106899.2	332989.5	483743.3	307784.9	41447.43	191535	109603.4	x	x
G3HF44	3	3	10.71627	0.000625	2.329905	31C	37C	Paralemmi	202701.3	171544.4	197659.9	92783.99	79659.15	73019.9	202701.3	303504.7	175402.4	51997.23	187077.1	74867.08	x	x
G3HNA6	1	1	3.721884	0.000628	Infinity	31C	37C	LIM domair	23134.88	1127.386	22216.6	0	0	0	23134.88	1994.627	19714.9	0	0	0	x	x
G3HJA9	1	1	2.263927	0.000631	1.909842	37C	31C	Eukaryotic	128114.1	113115.5	115620.6	216932.5	212284.6	252310.5	128114.1	200129.4	102601.2	121571.5	498544	258693.2	x	x
G3H902	9	9	36.051	0.000633	2.127565	37C	31C	Prostaglan	225571.4	234472.4	211163.7	458595.8	542619.5	426822.1	225571.4	414840	187385.6	257002.4	1274325	437619.4	x	x
G3HH26	2	2	6.45055	0.000639	2.732413	31C	37C	Exocyst co	111159.6	107695	98122.58	42132.53	31505.96	42367.85	111159.6	190539.3	87073.47	23611.56	73990.79	43439.63	x	x
G3GY51	1	1	3.119588	0.000641	5.276438	37C	31C	Ran guanin	13867.19	11977.66	14878.61	53778.05	68411.46	92685.3	13867.19	21191.47	13203.2	30137.85	160662.2	95029.96	x	x
G3HJZ2	2	2	5.725394	0.000643	2.370424	31C	37C	MURC |CA	61130.19	57514.98	55751.13	21979.15	22721.68	28870.94	61130.19	101758.3	49473.26	12317.37	53361.18	29601.29	x	x
G3I7X7	1	1	2.910231	0.000646	Infinity	37C	31C	Carboxylic	0	0	0	714.1242	12799.64	1354.767	0	0	0	400.2036	30059.58	1389.039	x	x
G3HPU1	5	5	17.04196	0.000705	4.048103	37C	31C	Aspartyl/as	40036.26	43686.83	40025.57	156401.5	213665.5	130880.3	40036.26	77292.88	35518.49	87649.25	501786.9	134191.2	x	x
G3I4A7	4	4	14.13805	0.000706	2.203498	37C	31C	Bifunctiona	181255.3	205988	195631.7	369191.3	475065	440107.4	181255.3	364444.1	173602.5	206899.1	1115676	451240.8	x	x
G3HAC2	1	1	4.126684	0.00073	1.647809	31C	37C	Interferon-i	72156.78	81317.41	85178.45	48687.23	49675.81	46467.23	72156.78	143870.8	75586.91	27284.89	116662.1	47642.71	x	x
G3I449	3	3	11.96632	0.000732	1.5626	37C	31C	Tubulin-sp	55352.5	60940.85	59893.8	94846.4	95428.41	85035.29	55352.5	107819.5	53149.45	53153.03	224110.7	87186.43	x	x
G3H277	4	4	16.40439	0.000732	1.742049	37C	31C	Tyrosine-pr	133185.8	127195.7	145408.2	216391.5	252047.1	238467.1	133185.8	225040.9	129034.5	121268.3	591925	244499.6	x	x
G3I519	3	3	10.81741	0.000737	3.07817	31C	37C	LXN |LXN	577921.8	580080.4	585262.2	212429.1	208069.2	145833.1	577921.8	1026307	519358.6	119047.8	488644.3	149522.2	x	x
G3GZ41	1	1	5.673933	0.000761	Infinity	37C	31C	Protein SC	0	0	0	230632.4	3699.617	37158.99	0	0	0	129249.1	8688.439	38099	x	x
G3H9D1	10	8	30.42388	0.000764	1.876286	37C	31C	Acetyl-CoA	132954.6	107896.1	129747.7	235938.9	236256.4	223153.2	132954.6	190895.1	115137.4	132222.9	554840.9	228798.3	x	x
G3HHM7	1	1	2.509861	0.000764	2.219841	37C	31C	Guanylate l	11405.95	11013.9	11725.84	29527.68	23893.15	22377.17	11405.95	19486.34	10405.45	16547.66	56112.34	22943.25	x	x
G3GVJ7	1	1	4.938823	0.000769	2.591012	37C	31C	Phosphorib	52100.61	47860.47	52027.97	158211.2	118121.7	117472.6	52100.61	84677.09	46169.36	88663.39	277405.2	120444.3	x	x
G3H1G7	4	4	17.42352	0.000771	1.695128	31C	37C	Pyridoxal p	878637.2	791378.2	917600.3	473631.3	535872.7	516998	878637.2	1400145	814273.8	265428.5	1258481	530076.5	x	x
G3HMM2	8	8	39.22523	0.000776	3.307992	37C	31C	Peptidyl-pr	297198.7	326656.1	268510	1054574	1124714	772647.7	297198.7	577935.9	238274.4	590995.5	2641357	792193.4	x	x
G3I4P0	3	3	10.0896	0.000785	2.949582	37C	31C	Craniofaci	38655.98	47354.7	46340.49	116096.8	117538.6	156745.3	38655.98	83782.25	41122.31	65061.98	276035.7	160710.5	x	x
G3H894	2	2	8.119193	0.000791	2.268287	37C	31C	ABHD14B |	179358.2	147602.9	158041.3	392365.2	389585.8	318173.9	179358.2	261146.3	140245	219886	914930.4	326222.7	x	x
G3IDU3	1	1	3.171478	0.000795	1.91982	31C	37C	MICOS con	75452.35	63116.58	77207.9	39457.15	37549.76	35387.39	75452.35	111668.9	68513.89	22112.25	88184.48	36282.59	x	x
G3H1V8	1	1	2.292118	0.000801	1.665246	31C	37C	WAS/WASL	80525.14	67457.83	75102.23	44644.93	43026.03	46294.35	80525.14	119349.7	66645.33	25019.54	101045.3	47465.46	x	x
G3IDD9	1	1	2.905954	0.000807	1.877976	37C	31C	40S ribosor	79533.48	67503.72	80381.35	153053.7	140769.5	133263.3	79533.48	119430.9	71329.99	85773.07	330593	136634.5	x	x
G3HX53	3	3	10.6441	0.000811	1.967427	37C	31C	Scavenger	51441.27	59444.93	47157.14	101646.6	99064.13	110227.9	51441.27	105172.9	41847	56963.97	232649.1	113016.3	x	x
G3HMN4	4	4	16.77034	0.000833	2.309618	37C	31C	Omega-am	48448.08	45479.82	60053	117187.1	127484.1	110965.8	48448.08	80465.13	53290.72	65673.02	299392.6	113772.9	x	x
G3HN89	3	3	10.08412	0.00084	3.055771	31C	37C	PPT1 |PPT	298392.3	258262.7	323821.8	81827.28	89789.08	116519.4	298392.3	456931.1	287357.8	45856.96	210866.9	119466.9	x	x
G3HV73	15	15	55.02619	0.000843	2.231996	37C	31C	Poly [ADP-r	234398	211100	227872.2	538230.4	543038.1	421690.8	234398	373488.4	202212.6	301630.6	1275309	432358.3	x	x
G3I881	4	3	15.54445	0.000864	8.079825	37C	31C	Peptidylpro	23019.81	13921.26	27770.68	199930	186048.6	136881.1	23019.81	24630.18	24643.56	112043.1	436929.4	140343.8	x	x
G3HLX0	8	8	28.49392	0.000873	1.698856	31C	37C	Polymerase	3915390	4105265	4292100	2360916	2664825	2221935	3915390	7263236	3808787	1323085	6258260	2278144	x	x
G3HD44	3	3	18.41799	0.000875	1.756925	31C	37C	Vacuolar p	594590.9	555367.3	492950.8	319343.5	323033.4	292727.8	594590.9	982583.1	437442	178963.8	758634.2	300132.9	x	x
G3H8Z0	2	2	6.589275	0.000875	19.47014	37C	31C	GDP-fucos	4972.443	5930.951	4224.235	91848.86	150851	51837.25	4972.443	10493.33	3748.565	51473.17	354269	53148.58	x	x
G3I8L3	1	1	4.245378	0.000891	1.827779	31C	37C	Cofilin-2 |	378925.3	423253.2	421553.8	198478.3	239352.5	231687.9	378925.3	748840.4	374084.7	111229.6	562112	237548.9	x	x
G3IA72	3	3	9.512904	0.000892	1.734642	31C	37C	Profilin |PF	1143089	1151265	1019050	661639.1	671149.7	577348.7	1143089	2036875	904300.1	370790.3	1576175	591953.9	x	x
G3HCF8	1	1	2.362273	0.000898	1.834156	31C	37C	Endophilin-	209387.6	211047.3	183903.4	116941.9	98828.16	113721.3	209387.6	373395.2	163194.9	65535.6	232094.9	116598.1	x	x
G3HUN1	3	3	13.89529	0.000908	1.729728	31C	37C	Ubiquitin c	468690.8	463060.2	453637.3	237776.1	268915	294237.1	468690.8	819268.8	402555.4	133252.5	631538.8	301680.5	x	x
G3I783	3	3	10.92967	0.000918	2.392464	31C	37C	Heterogene	1945460	2067146	1842891	710103.5	766141	971230.7	1945460	3657297	1635372	397950.3	1799259	995799.9	x	x
G3ILT7	1	1	2.122378	0.000947	3.940278	31C	37C	Golgi mem	31167.56	32206.3	24452.97	7913.742	5644.494	8731.268	31167.56	56980.96	21699.44	4434.953	13255.92	8952.143	x	x
G3GWV9	9	9	32.43801	0.000951	2.022779	37C	31C	Nucleoprot	114692.4	113659	95560.18	203728.1	208734.3	242739.4	114692.4	201091.1	84799.62	114171.6	490206.1	248880	x	x
G3HR63	5	5	18.84312	0.000965	3.131482	37C	31C	Protein car	314770.7	289453	359396.6	1034634	1181850	801075.5	314770.7	512114.5	318926.7	579821.2	2775540	821340.3	x	x
G3H6U4	1	1	2.34891	0.000975	1.719651	31C	37C	Cell divisio	301332.1	297981	289242.3	194095.7	160383	162228.1	301332.1	527202.7	256672.1	108773.5	376654.7	166332	x	x
G3HHR9	2	2	7.262719	0.000983	1.513819	37C	31C	Integrin alp	112217.1	103355.8	114334.1	173352.1	171478.3	154589.3	112217.1	182862.2	101459.5	97148.52	402711.5	158500	x	x
G3H319	2	2	5.162499	0.000992	1.500836	31C	37C	Tubulin-sp	1163120	1202201	1322386	806868.5	788011.9	862220.8	1163120	2126993	1173479	452178.5	1850622	884032.4	x	x
G3HVG9	3	3	15.26071	0.000996	1.889372	31C	37C	Matrin-3 |N	1090436	1125540	921341.1	574988.7	574701.7	510817.4	1090436	1991361	817593.3	322230.4	1349670	523739.6	x	x
G3I3D5	2	2	9.594359	0.000996	1.606209	31C	37C	SH3 domai	590885.1	610228.1	660072.3	419488.6	377876.2	361379.2	590885.1	1079645	585744.7	235086.3	887430.8	370521	x	x
V5QSN9	3	3	7.788141	0.000998	1.560558	31C	37C	Adenylosuc	471736	492035.9	488783	286261.8	304569.6	339960.4	471736	870534	433743.5	160424.5	715272.5	348560.4	x	x

G3IAZ4	1	1	1.984515	0.001013	1.6872	31C	37C	Cysteine-ri	1239780	1237519	1276393	705587.5	833067.7	686150.7	1239780	2189479	1132665	395419.5	1956434	703508.3	x	x
G3HM98	3	3	10.19707	0.001017	1.750138	31C	37C	Drebrin-like	283387.6	292098	274718.9	162925.5	143864.8	179002.3	283387.6	516794.1	243784.2	91305.37	337862.2	183530.6	x	x
G3I4Z0	1	1	3.87165	0.00102	1.51715	31C	37C	Signal trans	312134.4	300883.9	329054.5	193097.7	205180	222671.2	312134.4	532338.5	292001.3	108214.2	481859	228304.1	x	x
G3GV85	1	1	2.514992	0.001064	2.943254	37C	31C	Dolichyl-di	24693.53	29179.73	26851.75	87279.33	88393.49	61921.39	24693.53	51626.2	23828.1	48912.36	207589.4	63487.82	x	x
G3H3I9	1	1	4.685679	0.001064	1.820118	31C	37C	Cysteine ar	2442123	2529744	2390649	1238269	1266496	1540312	2442123	4475747	2121449	693940.2	2974327	1579277	x	x
G3IDS1	1	1	3.387266	0.001072	2.189547	37C	31C	ADP-ribosy	29234.83	27785.03	30471.94	58594.17	75497.96	57475.23	29234.83	49158.64	27040.64	32836.86	177304.7	58929.18	x	x
G3H832	1	1	6.908461	0.001083	1.825048	31C	37C	Translation	5065414	5468573	4770976	2616083	2631632	3138346	5065414	9675267	4233740	1466083	6180308	3217737	x	x
G3I000	6	6	24.5406	0.001086	2.132841	37C	31C	Aldehyde d	130082.5	120660.3	134940.8	242082.5	319531	260988.2	130082.5	213478.1	119745.8	135665.9	750408.9	267590.5	x	x
G3HRC8	1	1	8.158164	0.001102	3.408965	37C	31C	Mitochondi	15089.51	11733.45	10063.86	40153.05	49090.57	36502.26	15089.51	20759.39	8930.622	22502.24	115287.7	37425.66	x	x
G3HKW6	1	1	2.017884	0.001104	4.319191	31C	37C	Proteasom	43618.33	36033.87	38125.06	10866.27	6346.203	10055.88	43618.33	63752.88	33831.98	6089.587	14903.87	10310.27	x	x
G3HCL8	5	5	15.02818	0.001104	2.125876	37C	31C	Cdc42-inte	54490.73	58478.79	65276.4	114692.5	144998.4	119237.9	54490.73	103463.5	57925.94	64275.01	340524.3	122254.3	x	x
G3HE13	1	1	2.961437	0.001115	27.4945	37C	31C	Borealin |C	685.656	1857.927	1516.031	29957.47	24448.42	57211.17	685.656	3287.136	1345.318	16788.52	57416.36	58658.44	x	x
G3GWX0	1	1	2.673094	0.001128	2.80451	31C	37C	Exocyst co	77061.36	79148.83	76096.03	27064.63	21945.24	33823.22	77061.36	140034	67527.23	15167.33	51537.74	34678.85	x	x
G3H7V4	2	2	5.460122	0.00115	1.643703	37C	31C	60S riboson	108374.9	99648.35	97121.01	152998.5	166838.7	181729.3	108374.9	176302.7	86184.68	85742.17	391815.7	186326.5	x	x
G3I7Z8	5	5	23.58939	0.001155	1.844141	37C	31C	Importin-7	187583	171001.3	163920.7	333690.6	283306.7	346575.5	187583	302543.9	145462.4	187004.1	665337.2	355342.9	x	x
G3H2H9	2	2	5.781992	0.001168	5.727649	37C	31C	Interleukin	231213.3	190352.7	188638.5	51124.55	28702.84	26709.25	231213.3	336781.2	167396.8	28650.79	67407.75	27384.92	x	x
G3H9W6	2	2	5.005625	0.00117	2.088018	31C	37C	Trafficking	184929.2	166979	192771	86941.12	75171.3	98747.04	184929.2	295427.5	171064	48722.82	176537.5	101245.1	x	x
D5FGC9	3	3	17.00232	0.001186	27.60154	31C	37C	RNA-bindir	5713638	5328350	4893461	116934.1	93419.26	366985.8	5713638	9427178	4342432	65531.23	219392.3	376269.5	x	x
G3HB11	1	1	3.087525	0.001195	1.818625	37C	31C	Rho-associ	25717.81	24369.38	23039.78	38928.27	45677.31	48384.97	25717.81	43115.5	20445.38	21815.86	107271.8	49608.97	x	x
G3HPC6	1	1	1.974078	0.001206	3.245522	31C	37C	Poliovirus r	17920.47	22045.79	16199.59	6236.791	6506.495	4562.356	17920.47	39004.49	14375.43	3495.171	15280.31	4677.77	x	x
G3H4Z8	9	9	40.46035	0.001216	1.540641	37C	31C	HSPA2 |HS	19686373	19747680	20017686	29473035	33724965	28395771	19686373	34938564	17763592	16517033	79202061	29114100	x	x
G3HV92	1	1	7.786493	0.00123	1.595892	37C	31C	DKC1 |DK(	179723.4	178758	186343.8	258921.9	309480.9	301079.3	179723.4	316267.3	165360.5	145102.8	726806.6	308695.7	x	x
G3HQD2	1	1	2.269032	0.001235	5.792933	31C	37C	Inositol he	34321.41	28837.35	34289.9	6083.781	3551.916	7186.293	34321.41	51020.45	30428.68	3409.422	8341.567	7368.085	x	x
G3II52	2	2	6.192129	0.001245	1.51873	37C	31C	Oxysterol-b	42063.5	39248.28	39532.59	66545.38	60177.24	56807.37	42063.5	69439.98	35081.01	37292.81	141324.4	58244.43	x	x
G3I9Z3	3	3	11.09287	0.001298	1.810292	37C	31C	Ribose-phc	181792	213145.6	217453.3	343823.9	361141.3	403641.3	181792	377107.7	192966.9	192682.9	848129.5	413852.2	x	x
G3IB71	5	5	18.81283	0.001309	1.673817	31C	37C	Glutaminyl	1007598	927830.6	845755.5	531732.4	598252.4	531597.6	1007598	1641563	750519.1	297989.1	1404978	545045.4	x	x
G3IN86	2	2	6.094213	0.001342	3.3942	37C	31C	DPP7 |DPF	13860.26	11329.21	9944.004	41197.47	46747.8	31304.77	13860.26	20044.2	8824.258	23087.55	109785.8	32096.69	x	x
G3HIY6	1	1	1.883756	0.001355	2.436015	31C	37C	40S riboson	259782.4	250725.6	203875.4	112953.3	84901.81	95403.97	259782.4	443595.9	180918	63300.35	199389.3	97817.41	x	x
G3GRA0	1	1	3.894561	0.001366	4.018276	37C	31C	Lamin-B re	7651.941	4595.243	4927.608	24241.97	19574.11	25196.97	7651.941	8130.129	4372.734	13585.48	45969.22	25834.38	x	x
G3I0V9	3	3	8.142396	0.001374	2.480817	31C	37C	Liprin-beta	91822.59	91146.23	66444.78	31234.7	33564.6	35737.57	91822.59	161260.4	58962.75	17504.29	78825.45	36641.62	x	x
G3HJW9	1	1	4.658767	0.001392	1.662535	31C	37C	5'-nucleoti	702934.1	608625.6	581012.5	395773.1	383419.3	359173	702934.1	1076810	515587.5	221795.9	900448.7	368259	x	x
G3H4H4	2	2	6.2333	0.001394	2.79705	37C	31C	Epidermal	51630.8	47642.95	63993.41	143390	181510.4	131766	51630.8	84292.23	56787.42	80357.46	426271.8	135099.3	x	x
G3H0Y9	8	7	28.97968	0.001399	1.715637	31C	37C	EH domain	1753159	1824077	1628646	1011803	1116364	906205.5	1753159	3227247	1445252	567026.3	2621748	929129.8	x	x
G3H4V1	2	2	13.6195	0.001406	1.619709	31C	37C	Septin-2 |S	671281.1	688177.7	733511.8	384470.9	449316.7	458401.5	671281.1	1217558	650914.6	215462	1055207	469997.7	x	x
G3HI57	6	6	24.70179	0.00141	2.271091	37C	31C	Malectin |M	140388	161656.9	164871.9	372573.8	394260.6	293576.1	140388	286011.3	146306.5	208794.7	925909	301002.7	x	x
G3HWJ2	9	9	35.81702	0.001441	1.779512	31C	37C	Plectin-1 ||	1798550	1808277	1626314	871285.9	1093359	976128.7	1798550	3199293	1443182	488278.8	2567721	1000822	x	x
G3HWP9	6	6	30.92527	0.001442	1.666971	37C	31C	Heterogene	1148965	1126196	1224520	1721985	2091132	2020751	1148965	1992522	1086633	965020.3	4910961	2071870	x	x
G3HRL3	1	1	4.813946	0.001452	2.096883	31C	37C	ORM1-like	115567	117393.3	91046.94	47001.36	52717.48	54799.72	115567	207698	80794.59	26340.11	123805.4	56185.99	x	x
G3HIC4	2	2	5.861095	0.001457	2.070326	37C	31C	Protein trar	108301.5	126945	91751.47	227151	229076.5	220764.7	108301.5	224597.3	81419.78	127298.1	537979.3	226349.4	x	x
G3HWE4	4	4	14.82953	0.001465	3.109891	37C	31C	Nidogen-1	36845	34904.17	39361.64	86478.49	137937.8	121126.2	36845	61754.16	34929.32	48463.55	323942.8	124190.3	x	x
G3GUS6	1	1	2.725185	0.001478	1.719018	31C	37C	2',5'-phosp	243330.1	211083.3	210528.7	116245.1	136353	134217	243330.1	373458.9	186822.1	65145.12	320220.9	137612.3	x	x
G3HM24	1	1	6.30627	0.00148	3.365415	37C	31C	Serine/thre	105943.8	86633.53	87113.73	288815.6	250932.6	401528.3	105943.8	153276.3	77304.28	161855.7	589307.7	411685.7	x	x
G3H133	1	1	2.493615	0.001494	1.868903	31C	37C	Translin |T	245973.9	247928.5	238518.4	110496.7	139730.2	141671.9	245973.9	438647.3	211660	61923.65	328152.1	145255.7	x	x
G3IAB9	2	2	5.301255	0.001495	2.505336	37C	31C	Eukaryotic	96454.5	71521.47	66920.04	195887.3	210541.3	182064.9	96454.5	126539.3	59384.5	109777.5	494449.9	186670.6	x	x
G3HE31	2	2	7.192528	0.001497	1.614172	31C	37C	26S protea	575858.1	550863.5	528037.2	378849.4	334423.5	311871.1	575858.1	974614.7	468577.5	212311.6	785383.5	319760.5	x	x
G3HJ24	7	7	30.13669	0.00152	1.962426	37C	31C	Prolyl 4-hyc	201905.7	223461	215125.2	369864.7	486529.1	400523.9	201905.7	395358.1	190901	207276.5	1142599	410656	x	x
G3HJB0	1	1	3.766925	0.001537	1.626179	31C	37C	Alpha-actir	1316896	1223000	1499114	861155.1	815823.1	806763.9	1316896	2163791	1330306	482601.4	1915936	827172.6	x	x
G3IC10	3	3	8.461314	0.001541	2.387846	37C	31C	Acetyl-CoA	25835.26	21153.98	29011.73	56605.35	56088.78	68784.49	25835.26	37426.66	25744.86	31722.3	131722.8	70524.53	x	x
G3GVK9	2	2	8.310993	0.001544	2.979284	37C	31C	Centromer	58175.16	67225.42	70481.13	167906.8	246997.9	168682.7	58175.16	118938.5	62544.6	94096.92	580067	172949.8	x	x
G3II80	1	1	4.521862	0.001559	1.640936	31C	37C	Centrin-2 |	382416	373085.3	328840.6	210698.9	209778.9	240329.1	382416	660080.8	291811.4	118078.1	492659.3	246408.7	x	x
G3HE36	2	2	6.182891	0.00157	1.662962	37C	31C	Serine/thre	96283.07	95769.3	97458.18	152198.4	181971.5	147275.2	96283.07	169439.7	86483.89	85293.75	427354.6	151000.8	x	x
G3HTF7	3	3	7.675246	0.001605	1.50598	31C	37C	Myosin-Ic |	697863.6	646756.4	696160.6	454845.9	487270.2	413001.9	697863.6	1144273	617769.3	254901	1144339	423449.6	x	x
G3GWD2	1	1	3.379531	0.001607	1.741658	31C	37C	MORF4 fan	133696.2	132115.3	112175.3	70869.05	78750.86	67407.13	133696.2	233744.9	99543.8	39715.84	184944	69112.33	x	x
G3I1W0	1	1	2.408073	0.001622	2.256884	37C	31C	Gamma-ta	32672.08	26526.06	36861.01	66387.59	78836.33	71570.41	32672.08	46931.21	32710.27	37204.38	185144.7	73380.93	x	x

G3HAR3	4	4	10.74331	0.001637	2.285564	31C	37C	RNA-bindir	116379.6	121063	87705.69	44067.7	48264.92	49929.08	116379.6	214190.6	77829.58	24696.06	113348.7	51192.14	x	x
G3HSA7	1	1	3.281492	0.001673	1.584544	31C	31C	Thioredoxir	859603.9	780853.7	751768.3	540061.9	460521.1	509141.9	859603.9	1381525	667115.4	302657	1081520	522021.7	x	x
G3HKY0	1	1	3.873121	0.001682	1.634935	37C	31C	High mobili	229409.2	240940	227392	334330.6	403049.5	403381.7	229409.2	426282.9	201786.5	187362.8	946549.5	413586.1	x	x
G3HAR7	4	4	15.11294	0.001683	1.52466	37C	31C	RNA-bindir	98202.08	91517.24	89513.61	130128.7	141675.8	153930.7	98202.08	161916.8	79433.92	72925.64	332721.3	157824.7	x	x
G3HWW6	1	1	3.578239	0.001696	1.799906	31C	37C	Pre-mRNA-	72910.51	64775.48	68146.19	35746.16	34918.28	43692.71	72910.51	114603.9	60472.58	20032.57	82004.53	44798	x	x
G3I4Z7	5	5	19.39173	0.001699	1.667656	31C	37C	Galectin | L	15425147	15840539	16754814	8532752	10659649	9602799	15425147	28025858	14868136	4781854	25033864	9845722	x	x
G3HX69	2	2	9.667616	0.001713	1.841904	31C	37C	LIM domair	353799.5	381616	337717.8	171020.6	190678.5	220922.4	353799.5	675173.8	299689	95841.95	447802.7	226511.1	x	x
G3H8M2	1	1	3.942198	0.001777	2.09882	31C	37C	Protein qua	125422.4	136481.3	171513	65649.66	67578.56	73276.74	125422.4	241469.5	152199.7	36790.84	158706.2	75130.42	x	x
G3HEA6	2	2	7.484723	0.001783	19.6149	37C	31C	Targeting p	1004.28	1692.297	3392.04	34147.52	27905.62	57374.46	1004.28	2994.094	3010.079	19136.67	65535.51	58825.86	x	x
G3H777	1	1	3.295249	0.001795	3.452452	31C	37C	ADP/ATP tr	38317.36	63993.59	55669.05	14968.19	13749.85	17040.74	38317.36	113220.6	49400.43	8388.348	32291.12	17471.81	x	x
G3GUQ8	1	1	2.832907	0.00184	2.063253	37C	31C	Lysophospl	120752.6	109471.3	117427.3	227794.9	283041	206456.4	120752.6	193681.9	104204.4	127658.9	664713.2	211679.2	x	x
G3H5K6	2	2	6.757705	0.00184	1.792656	31C	37C	Pyruvate de	141419.4	144781.2	168920.3	75365.67	90375.77	88139.35	141419.4	256154	149899	42235.8	212244.8	90369.02	x	x
G3HB92	3	3	10.24497	0.001842	3.349817	37C	31C	Leucine-ric	24334.92	24958.18	19946.91	57131.47	81364.15	93445.73	24334.92	44157.24	17700.78	32017.15	191081.2	95809.63	x	x
G3I7H7	5	5	15.46434	0.001881	1.912882	37C	31C	Acyl-CoA d	108397.6	104123.5	124836.2	230627.7	228408.7	186288.4	108397.6	184220.5	110779	129246.5	536411	191000.9	x	x
C0SSX9	8	8	27.10868	0.001896	1.925437	31C	37C	ILK | ILK	602618.9	618367.4	527519.7	261025.3	338278	308805.2	602618.9	1094046	468118.3	146281.6	794435.6	316617.1	x	x
G3I958	1	1	2.624484	0.001915	2.461024	37C	31C	Protein DD	16926.34	17997.75	23260.13	43311.88	55374.14	44506.74	16926.34	31842.5	20640.92	24272.48	130044.5	45632.62	x	x
G3HSM8	10	10	33.45962	0.001927	1.634091	37C	31C	Lamin-B2 |	152092.4	153569.3	165349	234148.7	288068.2	247457.3	152092.4	271702.4	146729.8	131219.7	676519.3	253717.2	x	x
G3I0R3	12	12	36.99299	0.001936	2.049231	37C	31C	Nicotinami	177262.6	169419	219744.4	348601.7	427648.5	384487.5	177262.6	299744.5	195000	195360.5	1004320	394213.9	x	x
G3I2W3	1	1	4.116518	0.001956	1.976837	31C	37C	Lipase mat	313806.4	321615.9	281565.6	182210.7	142154.4	139501.1	313806.4	569018.6	249859.8	102113	333845.4	143030	x	x
G3H7F1	1	1	2.146008	0.001961	22.39062	37C	31C	Nuclear ca	1752.481	639.6992	750.7283	13155.41	20252.03	36964.24	1752.481	1131.787	666.1924	7372.447	47561.28	37899.32	x	x
G3I2D8	4	3	12.17398	0.001973	1.788479	37C	31C	Band 4.1-li	47505.46	45805	57334.6	84722.18	97289.44	87413.97	47505.46	81040.46	50878.43	47479.3	228481.3	89625.28	x	x
G3IMG3	2	2	7.696444	0.001992	5.490993	31C	37C	Inositol pol	137279.1	122182.7	147680.6	29112.12	14607.18	30428	137279.1	216171.5	131051	16314.77	34304.51	31197.74	x	x
G3HZ73	2	2	5.209036	0.002043	2.08002	31C	37C	Nesprin-3 |	38561.99	37018.5	48344.5	17767.33	19986.75	21824.67	38561.99	65494.94	42900.66	9957.019	46938.28	22376.77	x	x
G3H6K5	1	1	4.328796	0.002058	2.361438	37C	31C	HIV Tat-spe	65407.82	70573.76	86767.4	149083.1	200857.9	176067	65407.82	124862.6	76996.94	83547.88	471708.7	180520.9	x	x
G3H5L5	2	2	5.991961	0.002067	1.867342	37C	31C	Non-specif	8905.321	9721.891	8627.764	15576.12	19758.05	15560.19	8905.321	17200.45	7656.233	8729.039	46401.18	15953.81	x	x
G3I2F5	1	1	2.305485	0.002094	2.127992	37C	31C	Barrier-to-a	327228.3	320807.1	310111.1	583024.5	822830.8	633073.2	327228.3	567587.7	275191	326733.8	1932393	649088.1	x	x
G3H627	1	1	4.010473	0.002096	5.7087	37C	31C	Serine/thre	55704.8	23334.22	37833.18	234038.8	226252.9	206896.6	55704.8	41284.04	33572.97	131158.1	531348	212130.4	x	x
G3I453	1	1	3.093856	0.002115	29.71188	37C	31C	Ketosamin	740.7321	3247.277	3419.714	76155.56	81283.79	62658.02	740.7321	5745.241	3034.636	42678.47	190892.5	64243.08	x	x
G3HLZ7	4	4	14.17105	0.002127	3.68915	31C	37C	AARSD1 | A	164482.5	137853.2	150243.2	38606.58	29210.27	54861.5	164482.5	243896.6	133325	21635.58	68599.43	56249.34	x	x
G3HHL5	1	1	2.048346	0.002142	1.74521	31C	37C	TXNDC9 |	30083.16	25438.59	23355.92	14465.7	15753.97	14976.99	30083.16	45007.2	20725.93	8106.747	36997.72	15355.86	x	x
G3IJG2	1	1	3.750558	0.002152	3.275886	31C	37C	Fatty acyl-(	285463.1	328669.4	284308.2	65507.43	93224.78	115526.7	285463.1	581498	252293.6	36711.13	218935.6	118449.1	x	x
G3H9S4	1	1	3.458722	0.002196	10.85674	37C	31C	IVNS1ABP	4424.635	11980.12	12347.65	85807.05	102562.6	123787.8	4424.635	21195.82	10957.24	48087.27	240865.1	126919.3	x	x
G3GZ89	7	6	22.92839	0.002202	1.55974	31C	37C	Inosine-5'-r	476760.9	431480.1	484756.5	315454.5	310166.7	267474.9	476760.9	763395.8	430170.4	176784.4	728417	274241.2	x	x
G3GY52	11	11	52.28692	0.002252	1.706099	37C	31C	Phosphorib	921533	908782.7	963506.4	1614451	1775034	1377052	921533	1607863	855010.7	904757.4	4168613	1411888	x	x
G3IK39	1	1	4.217401	0.002263	1.538273	31C	37C	RNA 3'-terr	49360.77	47140.7	57707.3	33011.91	33614.72	33621.33	49360.77	83403.63	51209.16	18500.26	78943.15	34471.85	x	x
G3GRY6	1	1	2.699635	0.002264	2.094958	31C	37C	Malonyl-Co	737056.2	824479.2	584763.3	335413.6	327984	361109.2	737056.2	1458709	518916	187969.7	770260.5	370244.2	x	x
G3HV18	1	1	8.490881	0.002289	1.685742	37C	31C	60S ribosor	1373090	1107945	1210884	2209314	2106379	1907928	1373090	1960231	1074533	1238126	4946767	1956193	x	x
G3HUY7	1	1	3.046589	0.00229	1.586227	31C	37C	ATP-depen	92947.97	83337.98	100893.5	54602.72	58129.07	62009.58	92947.97	147445.6	89532.34	30600	136514.4	63578.24	x	x
G3IL21	2	2	4.940198	0.002293	7.082063	31C	37C	Exocyst cor	36305.49	25672.64	42055.5	4697.3	2967.092	7025.344	36305.49	45421.3	37319.84	2632.422	6968.126	7203.064	x	x
G3HKQ7	3	3	9.375365	0.002294	1.503596	31C	37C	Microtubul	423598.7	449861.7	373164.4	266313	285276.7	277505.6	423598.7	795917.4	331144.2	149244.9	669963.8	284525.7	x	x
G3H530	3	2	11.11556	0.002339	2.171943	31C	37C	Sorting nex	632307.1	621207.5	514894.7	312309	227239.4	274657.9	632307.1	1099071	456914.9	175021.6	533664.9	281605.9	x	x
G3GSY8	2	2	6.866595	0.002344	2.793471	31C	37C	5'-3' exorib	136867.2	119672	118442	57908.23	40702.78	35623.88	136867.2	211729.6	105104.8	32452.45	95589.24	36525.06	x	x
G3HTG7	1	1	2.17818	0.002361	2.674182	31C	37C	DBIL5 |	367915	350266.4	312800.9	140629.2	96062.9	148839.8	367915	619708.4	277577.9	78810.23	225600.8	152605	x	x
G3HUP4	1	1	4.922608	0.002368	2.779723	31C	37C	Uncharacte	143896	187586.3	204633.1	51632.48	69261.46	71972.56	143896	331886.9	181590.4	28935.44	162658.4	73793.25	x	x
G3IFZ0	9	9	27.6314	0.002375	2.43714	37C	31C	Antigen KI-(	126752.5	119220.7	115095.7	234364	284851.3	360760	126752.5	210931.1	102135.3	131340.3	668964.6	369886.2	x	x
G3I4J2	1	1	2.434085	0.002378	5.776378	37C	31C	Kinesin-like	3691.448	3785.777	1695.59	16737	18356.67	17891.97	3691.448	6697.982	1504.658	9379.61	43110.08	18344.59	x	x
G3HW50	1	1	4.530658	0.002379	1.965735	31C	37C	Phosphatic	286496.1	215741.4	270502.9	123103.4	143043.4	126958.2	286496.1	381700.2	240042.8	68988.6	335933.2	130169.8	x	x
G3H170	4	4	15.85749	0.002391	2.461572	31C	37C	Drebrin | D	762401.6	813464.3	717423.2	255140.5	284394.5	392100.8	762401.6	1439221	636637.6	142983.7	667891.9	402019.8	x	x
G3IFA9	2	2	5.926662	0.002403	1.754309	31C	37C	Transcriptic	307340.6	344946.7	403997.2	204464.2	193295.5	204349	307340.6	610296.7	358505	114584.2	453948.7	209518.4	x	x
G3HNA5	1	1	5.326218	0.002409	1.508097	37C	31C	Ubiquitin c	334045.9	325441.2	386555.4	547730.8	531848.2	497955	334045.9	575786.5	343027.3	306954.7	1249029	510551.8	x	x
G3HZG6	2	2	5.454616	0.002437	1.957225	31C	37C	Large prolir	307719.8	318066.9	257259.7	137149.1	140847.1	173176.5	307719.8	562739.6	228290.9	76859.93	330775.2	177557.4	x	x
G3H1I9	1	1	4.209376	0.002442	2.574886	37C	31C	Phospholip	50218.72	37716.32	48625.26	94142.38	125895.5	131589.3	50218.72	66729.57	43149.81	52758.49	295661.9	134918.1	x	x
G3H412	2	2	3.895891	0.002451	2.025051	31C	37C	Proliferatin	3012143	2769760	2525350	1544751	1136937	1420554	3012143	4900395	2240982	865696.8	2670063	1456490	x	x
G3IHR8	4	4	10.9532	0.002461	1.594844	31C	37C	Adenosylhc	540875.2	552170	486179.3	351584.1	293963.9	344658	540875.2	976926.3	431433	197031.8	690365.4	353376.8	x	x

G3IFK8	1	1	3.643281	0.002467	2.066973	37C	31C	37C	MAM doma	30313.4	41199.03	29416.28	69740.98	71321.14	67554.85	30313.4	72891.35	26103.86	39083.66	167495.5	69263.79	x	x
G3IBY2	3	3	10.8539	0.002474	1.642964	37C	37C	37C	Syntaxin-7	167240	163355	177214.2	107379.1	112309.6	89392.53	167240	289015.6	157259	60176.48	263755.7	91653.9	x	x
G3I2J6	1	1	2.549877	0.002488	1.881831	37C	37C	37C	GTP-bindin	89188.54	110423.8	87160.35	55338.36	45850.12	51201.81	89188.54	195367.2	77345.65	31012.27	107677.6	52497.06	x	x
G3I9F1	8	8	48.98621	0.002492	1.961239	37C	37C	37C	Ras GTPas	2796510	2704711	2724256	1146304	1432061	1615656	2796510	4785307	2417491	642402.3	3363151	1656527	x	x
G3I5N5	32	31	100.014	0.002502	3.030114	37C	31C	37C	DNA topois	262884.8	283708.1	286840.9	634884.9	795648.6	1094866	262884.8	501950.3	254541.1	355796.9	1868557	1122563	x	x
G3HN37	1	1	2.477259	0.002508	1.607674	37C	31C	37C	Fragile X m	24283.54	22550.1	24160.48	13570.78	16737.23	13851.49	24283.54	39896.73	21439.88	7605.225	39306.89	14201.9	x	x
G3IB32	2	2	6.404677	0.002543	2.88946	37C	31C	37C	Twinfilin-1	92494.81	71547.96	114432.2	29758.81	29400.1	37217.21	92494.81	126586.1	101546.6	16677.19	69045.24	38158.7	x	x
G3HFJ5	1	1	3.385627	0.002589	2.590018	37C	31C	37C	Signal reco	14697.39	9618.211	12119.08	29179.66	28878.03	36308.78	14697.39	17017.01	10754.41	16352.62	67819.18	37227.28	x	x
G3HHF3	3	3	15.10023	0.002595	1.86555	37C	31C	37C	Succinyl-C	374739.8	318827.3	371440.6	632822.6	763118.8	590884.1	374739.8	564084.9	329614.5	354641.2	1792161	605831.7	x	x
G3I4A0	2	2	5.338691	0.002598	3.090837	31C	37C	37C	Actin, gam	30886.39	39918.92	23676.71	11644.51	9575.785	9348.133	30886.39	70626.51	21010.59	6525.718	22488.44	9584.613	x	x
G3HQR5	2	2	5.592667	0.002616	2.393429	37C	31C	37C	H-2 class I	22798.71	15503.59	19245.33	51857.02	45179.13	40700.04	22798.71	27429.71	17078.21	29061.28	106101.8	41729.63	x	x
G3GXY4	1	1	3.176275	0.002647	1.627028	37C	31C	37C	Regulation	137573.9	120707.2	148020.5	222477.6	203233.5	235353.2	137573.9	213561.1	131352.7	124679	477287.8	241306.9	x	x
G3HLV6	1	1	7.453259	0.002649	2.07817	37C	31C	37C	ATP-citrate	130516	142316.3	98697.36	257054.8	250167.2	264879.8	130516	251792.9	87583.53	144056.5	587510	271580.5	x	x
G3I5L3	11	10	68.7641	0.002665	1.683776	31C	37C	37C	Annexin |A	18673053	17934899	19680622	11494598	12331365	9604005	18673053	31731302	17464483	6441707	28959838	9846957	x	x
G3HYC4	1	1	2.515042	0.002665	1.568562	31C	37C	37C	Serine paln	71279.35	66785.64	81126.88	43537.31	49230.96	46972.4	71279.35	118160.4	71991.57	24398.82	115617.4	48160.66	x	x
G3GTC7	3	3	11.92826	0.002682	2.627274	37C	31C	37C	NADP-dep	45519.89	58451.1	51772.38	133501.9	167150.1	108528.6	45519.89	103414.6	45942.54	74816.01	392546.9	111274.1	x	x
G3I230	3	3	11.50679	0.002711	1.561567	37C	31C	37C	Oligoribon	336081.8	337221.1	338560.8	531308.9	584410.5	464373.8	336081.8	596628.1	300437.1	297751.7	1372470	476121.1	x	x
G3HPZ0	1	1	3.330423	0.00273	3.429056	31C	37C	37C	Vesicle-ass	62576.42	50697.19	87197.04	18411.63	16860	23190.72	62576.42	89695.96	77378.2	10318.09	39595.19	23777.38	x	x
G3I6F9	2	1	5.981671	0.002746	1.694949	31C	37C	37C	EH domain	304913.5	269424	294215.2	147906.4	176579.4	187950.1	304913.5	476678.2	261085	82888.5	414691.3	192704.7	x	x
G3HJT6	1	1	2.491338	0.002774	1.595217	37C	31C	37C	60S riboso	91072.18	86891.2	82125.7	122366.2	152397.9	140134.6	91072.18	153732.2	72877.92	68575.42	357901.8	143679.6	x	x
G3H125	3	3	16.35116	0.002823	3.201476	37C	31C	37C	Neutral am	160651.4	155790.6	262789.6	585344	701446.8	567605.7	160651.4	275632.3	233198.1	328033.6	1647327	581964.5	x	x
G3I8H9	1	1	3.897595	0.002849	1.674715	37C	31C	37C	Cysteine ar	129810.7	104962.8	111292.2	182043.8	211882.5	185634.9	129810.7	185705.3	98760.1	102019.5	497599.7	190330.9	x	x
G3HBR9	1	1	4.282358	0.00285	5.12382	37C	31C	37C	Putative RN	13597.23	13529.75	19334.91	59786.23	62211.4	116064.7	13597.23	23937.5	17157.7	33504.9	146101.6	119000.8	x	x
G3IEY0	4	4	15.13777	0.002863	2.427871	37C	31C	37C	Succinate (	188174.4	175992	201120.7	445097.2	564850.3	362496.4	188174.4	311373.6	178473.4	249437.7	1326534	371666.5	x	x
G3HTH1	1	1	2.241865	0.002887	1.702112	31C	37C	37C	Nucleored	115328.6	120877.4	127685.2	61016.38	73831.49	78940.22	115328.6	213862.3	113307.2	34194.29	173391	80937.18	x	x
G3GVV6	3	3	11.83416	0.002897	2.272436	31C	37C	37C	Ras and Ra	145587.2	157896.6	130784.6	77832.53	60975.51	52294.59	145587.2	279358.4	116057.6	43618.26	143199.1	53617.49	x	x
G3HIT7	22	22	84.75345	0.0029	1.615681	37C	31C	37C	Microtubul	366538	378106.5	409823.3	555540.2	613277.6	696433.8	366538	668964.6	363675.1	311331.2	1440264	714051.5	x	x
G3H9Y7	1	1	3.051934	0.002904	1.550399	31C	37C	37C	NudC dom	458555.2	438888.8	505620.9	270454.7	316174.2	318341.6	458555.2	776503.6	448685.4	151566	742525.6	326394.7	x	x
G3H8A8	3	3	10.27077	0.002922	1.839862	37C	31C	37C	Mesencepl	309103.4	314950.9	340869.4	594449.3	679597.8	501279	309103.4	557226.5	302485.7	333136.3	1596015	513959.8	x	x
G3HG08	2	2	7.538552	0.002938	1.633442	37C	31C	37C	Sphingomy	30990.07	35884.48	39194.65	56629.77	61590.9	55037.23	30990.07	63488.59	34781.13	31735.99	144644.4	56429.51	x	x
G3HG95	24	23	101.3119	0.002972	1.678671	31C	37C	37C	Lamin-A/C	3743211	4446007	4559421	2737394	2299291	2557801	3743211	7866094	4046007	1534068	5399815	2622506	x	x
G3H3I2	3	3	15.87924	0.003018	2.595926	37C	31C	37C	Importin-9	20659.31	16219.98	12468.37	46131.96	40177.75	41793.18	20659.31	28697.19	11064.37	25852.89	94356.22	42850.42	x	x
G3H834	1	1	2.890544	0.003029	1.63991	31C	37C	37C	General tra	91707.14	85244.07	73748.55	46763.07	52726.32	53384.67	91707.14	150818	65444.08	26206.57	123826.2	54735.14	x	x
G3I904	3	3	9.753045	0.003064	1.653446	37C	31C	37C	Uncharacte	49887.65	42092.04	49372.7	70355.01	85443.7	77919.87	49887.65	74471.29	43813.08	39427.77	200661.9	79891.01	x	x
G3H1N7	1	1	2.384593	0.003078	1.923819	31C	37C	37C	Splicing fac	305255.7	319655.9	297347	132055.2	159529.9	187804.5	305255.7	565550.9	263864.2	74005.27	374651.1	192555.4	x	x
G3H8Y5	4	4	14.96971	0.003083	4.681171	31C	37C	37C	Collagen al	24304.29	30855.94	16371.53	6112.369	3691.855	5476.517	24304.29	54591.84	14528.01	3425.443	8670.209	5615.056	x	x
G3H393	4	4	10.07652	0.003087	1.736365	31C	37C	37C	Inverted fo	110628.1	114219.1	121690.5	56009.39	71626.94	71940.11	110628.1	202082	107987.5	31388.32	168213.7	73759.98	x	x
G3HLA5	1	1	2.293252	0.003094	1.660845	31C	37C	37C	Epithelial n	791534.5	814468	707594.6	519404.3	411223.2	462396.3	791534.5	1440997	627915.8	291080.3	965745.2	474093.6	x	x
G3I4K1	1	1	2.816361	0.003104	3.674549	31C	37C	37C	Alpha-actir	4357.209	3144.151	4010.685	805.6858	876.176	1451.052	4357.209	5562.785	3559.061	451.5157	2057.673	1487.759	x	x
G3H343	1	1	4.55251	0.003129	2.127101	31C	37C	37C	Sulfatase-r	39071.26	35961.83	36276.59	16756.37	21345.36	14227.55	39071.26	63625.42	32191.66	9390.468	50128.93	14587.47	x	x
G3HAV4	1	1	3.017806	0.003146	2.358812	31C	37C	37C	Vacuolar p	60060.12	57389.45	74390.79	31805.21	21831.03	27692.99	60060.12	101536.2	66014	17824.01	51269.51	28393.54	x	x
G3I1D1	1	1	2.825466	0.003167	1.7502	31C	37C	37C	Guanine nu	149489.2	137424.2	134107.8	67886.54	83043.46	89626.08	149489.2	243137.6	119006.6	38044.41	195025	91893.35	x	x
G3HUV2	1	1	2.440751	0.00319	2.466835	31C	37C	37C	Alpha-parv	340513.4	332980.9	282000.5	165169.4	111273.6	110893.2	340513.4	589126.2	250245.8	92562.85	261322.7	113698.5	x	x
G3GWY3	1	1	3.132944	0.003195	1.698642	31C	37C	37C	Mitochondr	220979.7	232608	252073.1	118587.4	146376.3	150462.8	220979.7	411541.6	223688.4	66457.78	343760.3	154269.1	x	x
G3GUN6	1	1	2.811238	0.00321	1.82291	31C	37C	37C	COP9 signa	200298.6	184098.6	150613.5	104414.1	90513.02	98565.53	200298.6	325716.3	133653.6	58514.87	212567.1	101058.9	x	x
G3I937	1	1	3.429359	0.003215	14.2571	37C	31C	37C	Iron-sulfur	2095.21	1318.433	2330.11	44509.27	24816.03	12563.94	2095.21	2332.635	2067.728	24943.51	58279.71	12881.77	x	x
G3H6D9	6	6	16.26685	0.003216	5.074571	37C	31C	37C	DNA (cytos	16327.39	14020.91	15206.09	60583.08	53405.47	117180.5	16327.39	24806.48	13493.8	33951.46	125421.1	120144.8	x	x
G3GUY5	3	3	9.286549	0.00322	1.609977	31C	37C	37C	Protein KIA	333834.6	326923.1	287460.1	217660.9	194091.3	177211.4	333834.6	578408.4	255090.6	121979.7	455817.4	181694.4	x	x
G3HDE8	6	6	20.24632	0.003237	2.703049	37C	31C	37C	Phosphoer	216015.9	201603.1	184488.3	574581.4	653884	399059.9	216015.9	356686	163713.9	322002.2	1535627	409154.9	x	x
G3ICV6	1	1	2.254619	0.003245	2.703384	37C	31C	37C	Protein C1(	5965.287	5946.475	6514.592	13088.15	15003.22	21722.14	5965.287	10520.8	5781.015	7334.751	35234.6	22271.64	x	x
G3GW11	4	3	14.28744	0.003248	1.767197	31C	37C	37C	Non-specif	2921332	2521509	2547348	1612375	1626039	1282976	2921332	4461178	2260504	903594	3818705	1315432	x	x
G3HQA3	1	1	5.300109	0.003249	1.811463	37C	31C	37C	Arfaptin-1 |	377693.8	308060.4	339268.9	696475.9	619953.8	540361.5	377693.8	545035.6	301065.5	390313.2	1455943	554031.1	x	x
G3HDG0	1	1	3.120765	0.003264	2.632716	31C	37C	37C	Thiamine-t	61964.11	57086.16	76256.85	30953.64	19886.59	23344.42	61964.11	100999.6	67669.94	17346.78	46703.06	23934.96	x	x
G3I5D6	2	2	5.309762	0.003265	4.377381	37C	31C	37C	UPF0366 p	9526.924	6689.359	12485.45	47513.44	47914.48	30210.52	9526.924	11835.14	11079.53	26627.09	112525.7	30974.75	x	x

G3H7J2	1	1	4.77726	0.003306	1.62347	31C	37C	31C	Torsin-1A-i	413527.9	425637.5	370942.9	274993.1	250903.9	219486.9	413527.9	753058.8	329172.8	154109.3	589240.2	225039.3	x		x	
G3GZQ4	1	1	3.898366	0.003351	2.0727	37C	31C		Rab3 GTPa	50880.41	59049.14	55269.3	109721.1	137444.4	95242.12	50880.41	104472.6	49045.69	61489.01	322784	97651.47	x		x	
G3I0F7	4	4	12.94239	0.003432	1.709927	31C	37C		Alpha-gala	331870.7	328591.7	329897.4	190756.2	223462.4	164964	331870.7	581360.5	292749.3	106902	524794.6	169137.1	x		x	
G3GTU0	1	1	7.338415	0.003436	2.176892	31C	37C		Zinc finger	77967.71	108941.4	81459.62	42056.02	36052.14	45172.49	77967.71	192744.4	72286.85	23568.69	84667.36	46315.22	x		x	
G3H104	1	1	2.892026	0.003452	1.972741	37C	31C		Nucleolar a	60575.1	76819.82	69112.84	118631.1	130433.8	158321.4	60575.1	135913.4	61330.38	66482.24	306319.9	162326.4	x		x	
G3I198	1	1	4.471925	0.003475	4.074525	37C	31C		Rab effecto	22199.57	11505.61	10922.46	55118.53	67286.84	59431.04	22199.57	20356.28	9692.532	30889.07	158021.1	60934.47	x		x	
G3GYR1	1	1	3.064324	0.003478	1.770006	31C	37C		Putative E3	235604.8	229982.5	185308.6	127935.9	129386.9	110413.8	235604.8	406896.4	164441.9	71696.76	303861.3	113206.9	x		x	
G3IBV7	1	1	6.769873	0.003485	1.515405	37C	31C		Cytochrom	1053942	1061877	962648.9	1414134	1730128	1520861	1053942	1878724	854249.6	792497.3	4063153	1559335	x		x	
G3HUF3	1	1	2.867599	0.003497	1.884569	37C	31C		ATP-bindin	43923.08	38654.38	39217.09	63255.91	80191.44	86082.9	43923.08	68389.23	34801.04	35449.35	188327.2	88260.54	x		x	
G3GWC2	2	2	8.291594	0.00352	1.701552	31C	37C		Actin filam	381960.8	414300.7	398858.7	216034.7	274896.3	211439.8	381960.8	733001.1	353945.2	121068.4	645585.6	216788.6	x		x	
G3HW66	2	2	8.38649	0.003533	2.742216	31C	37C		Multiple in	292790.3	245021.7	298350.8	96911.45	76820.05	131190.8	292790.3	433504.4	264755	54310.31	180409.6	134509.5	x		x	
G3HHM2	3	3	9.679708	0.003537	1.544669	37C	31C		Histone H3	1002883	1208449	1044554	1544042	1699622	1785600	1002883	2138047	926931.4	865299.1	3991510	1830771	x		x	
G3GR86	2	2	7.451102	0.003542	2.118769	37C	31C		ATP-depen	74851.68	67247.97	65302.04	133879.5	180537.9	125018.8	74851.68	118978.4	57948.69	75027.65	423987.8	128181.4	x		x	
G3HN14	8	8	29.84671	0.003544	1.619429	31C	37C		Transitiona	1902218	1807426	1593757	1218870	1050874	1005115	1902218	3197786	1414291	683068.9	2467945	1030541	x		x	
G3GSG0	1	1	3.232759	0.003554	3.482857	31C	37C		Mid1-intera	17179.41	12825.92	10626.85	3349.313	3211.984	5105.039	17179.41	22692.25	9430.208	1876.994	7543.247	5234.181	x		x	
G3HGI4	1	1	3.472642	0.003555	1.610909	31C	37C		Hypoxanth	578236	548333	452064.7	317749.8	337079.1	325135.5	578236	970137.6	401159.9	178070.7	791620	333360.5	x		x	
G3H8F4	4	4	14.63963	0.003579	1.593421	37C	31C		DAG1 | DA(	150520.2	151532.6	173583.2	232262.3	282913.8	242712.6	150520.2	268098.9	154036.9	130162.5	664414.5	248852.5	x		x	
G3HD97	1	1	3.474872	0.003592	2.603728	37C	31C		Thioredoxir	125691.9	108647.3	149909.5	265091.8	407369.8	328017.9	125691.9	192224.2	133029	148560.5	956695.7	336315.8	x		x	
G3H7C1	1	1	3.024354	0.003593	6.892287	31C	37C		Glia matura	25057.12	24733.7	38407.19	5743.383	4817.855	2235.388	25057.12	43760.08	34082.34	3218.659	11314.59	2291.936	x		x	
G3HV15	5	5	14.64497	0.003606	1.611488	37C	31C		Syntaxin-bi	78657.86	69212.46	72534.26	116518.5	133231.8	105429.2	78657.86	122454.1	64366.53	65298.32	312890.8	108096.2	x		x	
G3GVH4	1	1	2.999718	0.003607	2.025121	31C	37C		Developme	807919.6	738478.4	647177.7	431362.9	339247	312572.7	807919.6	1306552	574302.2	241740.8	796711.4	320479.9	x		x	
G3IN18	1	1	3.307179	0.00361	3.775948	31C	37C		60S riboso	51336.52	79061.7	92784.25	15522.13	23591.73	19992.47	51336.52	139879.8	82336.27	8698.785	55404.47	20498.22	x		x	
G3I2M0	2	2	7.780656	0.003637	4.575079	37C	31C		Sulfatase-r	12635.36	13202.62	15307.6	61251.19	87841.64	39151.43	12635.36	23358.72	13583.88	34325.88	206293.4	40141.84	x		x	
G3I3N1	3	3	7.271861	0.003674	2.509011	37C	31C		SHC SH2 d	27201.66	27455.48	20761.21	58533.54	52516.31	78175.63	27201.66	48575.58	18423.39	32802.88	123333	80153.24	x		x	
G3H7N6	1	1	3.96405	0.003675	3.993602	37C	31C		Putative sa	54387.73	30205.69	35281.47	150772.1	204468.9	123491.5	54387.73	53441.38	31308.59	84494.46	480189	126615.5	x		x	
G3HUZ5	6	6	20.91681	0.003693	2.550557	31C	37C		Pleckstrin-l	241933.8	212117.6	284900.1	102329.5	113591.5	73800.69	241933.8	375288.9	252818.9	57346.64	266766.1	75667.62	x		x	
G3GVY7	5	5	22.83044	0.003702	1.955027	31C	37C		Nardilysin	619902.5	667121.3	469680.6	288853.9	301577.8	308125.8	619902.5	1180304	416792.1	161877.1	708246.3	315920.5	x		x	
G3HL66	1	1	2.758077	0.003726	1.643879	37C	31C		40S riboso	380752.7	361747.7	294121.8	562917.2	595038.8	546126	380752.7	640021.7	261002.2	315465.4	1397431	559941.4	x		x	
G3II69	3	3	7.227086	0.003753	1.537655	31C	37C		DNA dama	357702.7	438659.4	356349.3	251892.6	242609.7	255152.9	357702.7	776097.7	316222.5	141163.6	569761.6	261607.6	x		x	
G3GVN0	2	2	5.806038	0.003759	1.501515	31C	37C		Phosphom	291598.7	283397.2	299771.1	199997.1	212302.5	170290	291598.7	501400.2	266015.4	112080.7	498586	174597.8	x		x	
G3H177	4	4	13.66063	0.003795	1.654493	37C	31C		LMAN2 | LN	505856.2	465201.1	567630.1	852338	934427.4	758981.7	505856.2	823056.6	503712	477660.2	2194475	778181.6	x		x	
G3HAR2	4	4	12.57656	0.003808	2.324472	37C	31C		CPNE1 | RE	68210.3	67955.07	67481.34	168137.6	186566.8	118666.7	68210.3	120229.4	59882.6	94226.28	438146.4	121668.7	x		x	
G3H1I3	1	1	4.013198	0.003816	5.307638	37C	31C		Set1/Ash2	6108.228	7961.654	8166.348	37216.83	23846.35	56958.69	6108.228	14086.15	7246.775	20856.75	56002.42	58399.58	x		x	
G3HKJ3	1	1	2.771187	0.003846	7.369321	31C	37C		TFIIH basal	59725.25	71282.72	71126.91	15780.19	6710.986	4938.065	59725.25	126116.9	63117.66	8843.403	15760.55	5062.984	x		x	
G3HLX5	1	1	4.257457	0.003878	1.899425	31C	37C		Bifunctiona	770803.5	758172.9	793590.1	327591.5	424080.7	471101.2	770803.5	1341397	704227.8	183586.1	995940.8	483018.7	x		x	
G3HF38	1	1	2.170026	0.003879	2.173603	37C	31C		Basigin | BS	140881.7	115559.5	100322.6	239632.1	232259	303571.7	140881.7	204453.5	89025.72	134292.6	545453.1	311251.2	x		x	
G3GXF0	4	3	14.32642	0.003894	2.025397	37C	31C		Uncharacte	33410.76	36629.95	28068.87	72371.41	71167.68	55171.8	33410.76	64807.51	24908.17	40557.79	167135.1	56567.48	x		x	
G3HNI7	1	1	3.088453	0.003905	1.725809	37C	31C		Lymphokin	91453.34	100387.1	74043.36	157339.6	146928.4	154596.5	91453.34	177609.8	65705.7	88174.94	345057	158507.4	x		x	
G3IDM2	1	1	4.162164	0.003925	3.659318	31C	37C		Cofilin-1 | (	47852.7	40608.25	48053.71	17834.23	10977.47	8494.34	47852.7	71846.1	42642.62	9994.509	25780.27	8709.222	x		x	
G3I8U4	3	3	9.91934	0.00393	2.297519	37C	31C		EMILIN-2 |	34211.13	36556.45	37267.75	67941.96	74765.14	105506.1	34211.13	64677.46	33071.21	38075.47	175583.7	108175.1	x		x	
G3HG69	3	3	7.801936	0.003936	1.627121	37C	31C		Hepatoma-	164641.4	158523.1	192781.5	257299.1	310097.4	272110	164641.4	280466.8	171073.3	144193.4	728254.2	278993.6	x		x	
G3ICB5	6	5	25.06203	0.003955	1.849174	31C	37C		Rap1 GTPa	202745	243327.6	249806.8	107126.6	140416.6	128775.9	202745	430507.2	221677.2	60034.98	329764.2	132033.5	x		x	
G3H6R7	1	1	3.039416	0.003969	3.734143	37C	31C		Sphingosin	4846.24	2933.927	3242.5	12932.86	17879.09	10348.26	4846.24	5190.848	2877.378	7247.724	41988.51	10610.04	x		x	
G3IDD4	14	14	90.60263	0.004026	2.85825	37C	31C		SERPINH1	13961555	13625499	11664710	44195772	41662044	26333527	13961555	24106901	10351204	24767827	97842050	26999686	x		x	
G3I5Z8	12	12	42.08983	0.004031	1.72141	31C	37C		Proteasom	823308.9	761407.2	657455.8	448953.8	382253.5	471313.2	823308.9	1347119	583422.9	251599	897710.8	483236	x		x	
G3ID21	2	1	7.162904	0.00406	1.651696	31C	37C		Lysosome r	153618.1	158458.6	151877.2	92550.36	107919.1	80426	153618.1	280352.8	134775	51866.3	253444.8	82460.54	x		x	
G3HF54	1	1	2.127483	0.004084	2.472355	37C	31C		AT-rich inte	8072.372	6120.074	7250.571	13536.13	20638.72	18839.89	8072.372	10827.93	6434.119	7585.807	48469.4	19316.48	x		x	
G3H7U2	5	5	12.37581	0.004176	1.609964	37C	31C		Structural r	68021.84	59955.86	63606.91	90036.85	103076.4	115331.1	68021.84	106076.8	56444.45	50457.7	242071.8	118248.7	x		x	
G3I8K2	1	1	1.866555	0.004177	2.538197	31C	37C		Alpha-tect	68819.59	79622.2	68167.5	37018.53	26469.42	21851.88	68819.59	140871.5	60491.49	20745.62	62162.64	22404.66	x		x	
G3HT22	3	3	10.48673	0.004206	1.542792	37C	31C		Glycerol-3-	175019.9	223114	197388.8	293650.9	320649.3	304467.7	175019.9	394744.2	175161.8	164565.4	753035.2	312169.8	x		x	
G3HV80	2	2	6.012708	0.00424	1.933509	37C	31C		Vesicle-ass	53761.41	50030.39	49494.57	85769.02	120860.7	89750.85	53761.41	88516.21	43921.23	48065.96	283837.6	92021.28	x		x	
G3GVX8	1	1	4.037973	0.00429	13.6633	37C	31C		FAS-associ	7198.562	2847.943	5319.426	34939.82	59930.06	115079.5	7198.562	5038.72	4720.431	19580.69	140743.9	117990.6	x		x	
G3HCS4	3	3	10.80299	0.004298	1.836092	31C	37C		26S protea	429278.7	406740.6	488457.7	204044	238760.2	278552.3	429278.7	719625.5	433454.8	114348.6	560721.1	285598.9	x		x	
G3H2C4	2	2	5.148189	0.004352	2.326504	37C	31C		Heat shock	50508.31	35295.48	40531.56	100539.4	80174.42	113205.9	50508.31	62446.48	35967.5	56343.48	188287.2	116069.6	x		x	

G3I9X8	16	15	79.99633	0.004383	1.981332	31C	37C	Spectrin al	1441876	1554024	1281340	615569.2	670273.6	872926.3	1441876	2749455	1137055	344972.2	1574117	895008.7	x	x
G3GW00	3	3	11.5211	0.004401	1.748565	31C	37C	Pre-mRNA-	74014.08	85507.57	71267.08	38399.26	43078.28	50509.93	74014.08	151284.2	63242.04	21519.4	101168	51787.68	x	x
G3HJV5	1	1	3.162518	0.004418	1.66749	37C	31C	Nuclear po	125058.3	103646.2	97531.24	192539.3	164631.6	186823.8	125058.3	183375.9	86548.72	107901.3	386632.4	191549.9	x	x
G3GRU2	1	1	5.321859	0.004435	1.563911	37C	31C	Zinc finger	114835.1	117244.9	139418.8	182734.7	185984.1	212272.1	114835.1	207435.5	123719.5	102406.7	436778.1	217642	x	x
G3HUU7	1	1	2.370244	0.004438	1.537828	31C	37C	S100-A101	9972544	10886555	11595718	6258325	7697908	7148086	9972544	19261027	10289981	3507239	18078305	7328911	x	x
G3H166	1	1	3.496325	0.004447	3.745732	37C	31C	Putative AT	3372.941	2300.483	4263.422	9126.311	13772.68	14321.78	3372.941	4070.127	3783.339	5114.491	32344.72	14684.08	x	x
G3I501	3	3	14.8049	0.004452	1.799338	31C	37C	H1F0 |H1F	2231518	2166620	2055989	1280772	1336096	970077	2231518	3833290	1824474	717759.6	3137781	994617	x	x
G3IEX3	1	1	2.637754	0.004477	1.686133	31C	37C	Peptidyl-pr	558379.2	693443.4	520895.7	351381.3	364220.9	335749	558379.2	1226874	462240.2	196918.2	855361.8	344242.4	x	x
G3HD22	2	2	5.041532	0.0045	1.933582	31C	37C	Trans-2,3-e	339412.8	345746.7	373323.4	146881.5	183801.9	216737.2	339412.8	611712	331285.3	82314.13	431653.1	222220	x	x
G3GYR9	1	1	3.457125	0.004543	2.035294	37C	31C	40S ribosor	262452.7	197232.6	196385.5	501802.7	450924.3	382570	262452.7	348953.6	174271.5	281216.1	1058982	392247.8	x	x
G3HQV4	3	3	9.603991	0.00455	1.708617	31C	37C	3-ketoacyl-	387089.7	358004.5	378879.1	194547.9	260791.3	202487.1	387089.7	633399.1	336215.4	109026.9	612460.6	207609.4	x	x
G3HEE4	1	1	2.552506	0.004575	1.618205	31C	37C	Cyclin G-as	60799.81	73315.51	69016.77	39307.25	47306.85	38915.17	60799.81	129713.4	61245.12	22028.24	111098.7	39899.61	x	x
G3HYU7	4	4	17.92769	0.0046	1.784657	31C	37C	Exportin-5	308891.4	272720.4	271529.5	131500.2	168590.4	177951.6	308891.4	482510.3	240953.9	73694.25	395929.5	182453.2	x	x
G3IEE6	2	2	7.483921	0.00469	1.601816	37C	31C	Spermidine	302959.6	331034.9	322594.5	538488.5	558258.2	435533.1	302959.6	585683.2	286268.7	301775.2	1311053	446550.8	x	x
G3HMA9	2	2	4.726814	0.004716	4.391544	37C	31C	NudC dom	7826.523	10365.86	4943.262	25098.46	34112.24	42390.49	7826.523	18339.79	4386.625	14065.47	80111.56	43462.84	x	x
G3H4E0	1	1	3.113997	0.004717	1.799851	37C	31C	Bone marro	575665.4	424510.5	567504.1	919310.1	898688.3	1003592	575665.4	751064.8	503600.2	515192.1	2110542	1028980	x	x
G3GTE4	1	1	4.140131	0.004725	3.952924	37C	31C	GRB2 |GRI	28927.69	35415.05	20327.19	90154.62	90622.82	153916.4	28927.69	62658.03	18038.25	50523.7	212824.9	157810	x	x
G3HGU3	1	1	3.769382	0.004741	2.517939	31C	37C	Disabled-li	140613	118436.9	196184.8	54039.12	60662.93	66094.54	140613	209544.3	174093.4	30284.15	142465.1	67766.53	x	x
G3GSR8	1	1	3.611758	0.004755	1.965729	31C	37C	Ubiquitin-c	39879.94	39860.46	43873.59	20793.13	16838.38	25253.06	39879.94	70523.08	38933.2	11652.71	39544.42	25891.89	x	x
G3HN46	2	2	8.884509	0.004773	1.847587	31C	37C	Protein tyro	370933.2	346607	280708.7	204556.2	163357.2	172385.4	370933.2	613234.1	249099.4	114635.7	383639.5	176746.2	x	x
G3HTA6	2	2	13.57763	0.004792	2.095941	31C	37C	EPM2A-inte	348265.1	372292	363066.5	168952.2	213207.9	134850.3	348265.1	658677.2	322183.3	94682.78	500712.4	138261.6	x	x
G3HY03	1	1	2.240874	0.004812	2.836309	31C	37C	D-dopachro	592594.3	465824.2	463143.1	213981.7	198077.4	124399.1	592594.3	824158.9	410990.8	119917.9	465178.7	127546.1	x	x
G3HKG9	1	1	2.471215	0.004872	2.001105	37C	31C	60S acidic	134308.1	113262.6	129871.8	208266.8	243191.3	303844.2	134308.1	200389.8	115247.6	116715.1	571127.3	311530.6	x	x
G3HA11	1	1	3.430576	0.004969	3.706132	37C	31C	Transducin	7268.523	8808.67	5295.365	17936.59	30295.76	30977.16	7268.523	15584.73	4699.079	10051.88	71148.68	31760.79	x	x
G3H0U6	1	1	2.815091	0.004973	2.542234	37C	31C	Protein disu	261086.6	255912.4	218050.1	684880.3	733759.7	450026.8	261086.6	452772.8	193496.5	383814.9	1723212	461411.1	x	x
G3GSX6	1	1	2.795079	0.004986	4.619827	31C	37C	Acid phosp	37441.05	46941.67	39147.6	4899.92	9357.893	12481.35	37441.05	83051.5	34739.37	2745.973	21976.73	12797.09	x	x
G3GSW2	3	3	6.460035	0.005014	1.735683	31C	37C	28S ribosor	165990.7	150461.9	126025.6	94502.52	78716.3	81711.47	165990.7	266204.6	111834.5	52960.32	184862.8	83778.53	x	x
G3IBM7	1	1	1.607729	0.005058	2.75468	31C	37C	Protein pho	43008.24	36927.12	51153.6	11647.12	20154.41	15786.2	43008.24	65333.28	45393.44	6527.18	47332.02	16185.54	x	x
G3IKY8	1	1	2.345629	0.005065	1.748134	37C	31C	Bystin |	33186.93	32449.01	32966.43	47337.96	66201.58	58830.59	33186.93	57410.37	29254.24	26528.75	155472.4	60318.83	x	x
G3GUI3	8	8	25.77212	0.005065	1.894921	37C	31C	Peptidylpro	336042.4	378277.1	376942.1	552908.1	736556.6	778389.8	336042.4	669266.5	334496.5	309856.2	1729781	798080.7	x	x
G3I310	2	2	9.7316	0.005101	1.621368	31C	37C	26S protea	468844.7	492945.8	547182.8	274714.7	301298.4	354665.9	468844.7	872143.8	485567.2	153953.3	707590.3	363637.9	x	x
G3H601	1	1	2.952953	0.005115	15.36266	37C	31C	Mitochondr	2202.366	8109.271	1499.124	50269.91	49936.78	81238.07	2202.366	14347.32	1330.315	28171.84	117275	83293.15	x	x
G3H497	6	6	24.59876	0.005173	1.801445	37C	31C	Inositol-3-p	492969.4	487790.3	525640.2	879303.8	1076530	757863.1	492969.4	863022.5	466450.4	492772.1	2528198	777034.8	x	x
G3GTC9	1	1	2.961976	0.005186	1.707249	37C	31C	Phosphoac	36721.7	36750.71	31366.79	58695.03	68420.51	51871.09	36721.7	65021.15	27834.72	32893.38	160683.5	53183.27	x	x
G3H7A8	3	3	9.340043	0.005192	1.822126	31C	37C	Kinectin |K	73126.18	72667.74	93055.84	40065.23	50074.62	40943.14	73126.18	128567.3	82577.27	22453.02	117598.7	41978.87	x	x
G3HYW3	1	1	3.584424	0.005236	1.520901	31C	37C	Cullin-4B (I	119176.5	108412.5	100274.2	71746.63	64798.14	79026.93	119176.5	191808.7	88982.84	40207.65	152176.5	81026.08	x	x
G3GRA5	1	1	3.018227	0.005243	2.324688	31C	37C	Sphingolipi	2314046	2253684	1843649	1123570	934061.6	700321	2314046	3987328	1636044	629661.7	2193615	718037.1	x	x
G3GTB7	1	1	2.609605	0.005263	1.58411	37C	31C	Heterogene	183967.9	239167	193759.6	339949.2	326806.6	310472.8	183967.9	423146	171941.2	190511.5	767495.4	318326.9	x	x
G3H9Z1	1	1	5.673275	0.005274	5.696683	37C	31C	Microsoma	214589.6	252754.4	128350.2	1542646	686936.3	1163898	214589.6	447185.4	113897.3	864517.1	1613249	1193341	x	x
G3I351	1	1	2.102436	0.005304	1.514883	37C	31C	40S ribosor	319242.5	260195.7	299430.3	404330.9	466035.7	461015.9	319242.5	460350.9	265712.9	226591.8	1094471	472678.3	x	x
G3GSJ5	2	1	5.377526	0.005341	2.002471	37C	31C	Arf-GAP wit	69488.62	97409.17	80080.68	164527.1	187939.6	142100.5	69488.62	172341.1	71063.18	92202.93	441370.6	145695.3	x	x
G3GTA7	1	1	1.654666	0.005342	2.061495	31C	37C	Ras-specifi	105053.8	104943.6	72274.76	47505.81	46837.66	42582.49	105053.8	185671.4	64136.25	26622.81	109996.8	43659.7	x	x
G3GXT2	17	17	70.06803	0.005373	1.599622	37C	31C	CAD protei	621550	725534	690302.9	975370.9	1042733	1240945	621550	1283650	612571.3	546609.3	2448828	1272338	x	x
G3HSA2	5	5	20.49293	0.005432	1.948814	31C	37C	Myb-bindin	517025.5	584515.4	452584.4	239829.4	237428.9	320214.2	517025.5	1034153	401621	134403.2	557594.6	328314.7	x	x
G3I7L3	3	3	8.996863	0.005438	2.866173	37C	31C	Endoplasm	52982.71	48929.25	48859.63	172751.2	162845.7	96540.64	52982.71	86568.03	43357.78	96811.77	382438.2	98982.83	x	x
G3H559	4	3	17.99399	0.005451	4.081137	37C	31C	Alpha-man	28508.68	33713.7	17465.9	96473.36	145569.7	83175.69	28508.68	59647.93	15499.15	54064.8	341866.1	85279.78	x	x
G3I1E1	1	1	4.278976	0.005461	1.77298	37C	31C	60S ribosor	299303.6	247323.3	242804.5	406718.1	456489.3	536439.1	299303.6	437576.6	215463.5	227929.6	1072051	550009.4	x	x
G3HUX4	2	2	5.938688	0.005469	2.475445	31C	37C	Ubiquitin c	564746.4	505632.6	410383.6	189063.7	156396.1	252720.6	564746.4	894590	364172.3	105953.5	367291.4	259113.6	x	x
G3HHE8	1	1	2.446056	0.005478	3.653288	31C	37C	F-box only |	64254.6	57327.97	48344.5	20099.87	9394.609	17018.98	64254.6	101427.5	42900.66	11264.2	22062.96	17449.51	x	x
G3H7R4	3	3	10.94719	0.00549	1.998743	37C	31C	Thioredoxir	251137.9	244329.3	241906.9	509969.7	581444	382407.5	251137.9	432279.4	214666.9	285793	1365504	392081.2	x	x
G3HLZ2	1	1	2.959623	0.005491	1.855932	31C	37C	Proteasom	62603.81	67910	57457.13	38865.44	27352.29	35063.44	62603.81	120149.7	50987.16	21780.65	64236.02	35950.44	x	x
G3HP69	7	7	38.6114	0.005493	2.220987	37C	31C	Calnexin |(	1215951	1302496	1374465	2790400	3616534	2239170	1215951	2304439	1219693	1563773	8493321	2295815	x	x
G3I478	2	2	4.460103	0.00552	2.33701	31C	37C	Activating s	87492.86	81443.68	63153.17	40952.67	31349.78	27008.1	87492.86	144094.1	56041.8	22950.36	73624	27691.33	x	x
G3HC01	4	2	16.27469	0.005535	1.884667	31C	37C	Tropomyos	316179.5	305529	319831.7	132650.1	199461.5	167467.3	316179.5	540556.8	283817	74338.66	468429.3	171703.8	x	x

G3H392	1	1	3.911994	0.005539	2.666369	31C	37C	31C	Inverted fo	105799.2	117059.9	94938.68	46622.2	45327.29	27237.99	105799.2	207108.1	84248.09	26127.62	106449.8	27927.03	x		x	
G3I7T2	1	1	3.309532	0.005579	2.303806	31C	37C	31C	Sec1 family	16472.62	10280.94	11918.3	31644.15	25621.76	31826.54	16472.62	18189.54	10576.24	17733.75	60171.93	32631.66	x		x	
G3HPV6	5	5	20.04727	0.005606	1.857223	31C	37C	31C	Histone H4	12047269	13227942	9451137	19323147	21630050	23541375	12047269	23403523	8386890	10828917	50797518	24136901	x		x	
G3IHE8	2	2	5.610527	0.005664	1.962075	31C	37C	31C	Leucine-ric	175091.6	154276.5	126377.5	86516.63	79740.27	66020.51	175091.6	272953.6	112146.7	48484.93	187267.6	67690.63	x		x	
G3HCN2	4	4	17.68805	0.005674	1.928397	31C	37C	31C	CTP syntha	79377.3	94904.38	74389.42	132800.2	161642.6	185093.9	79377.3	167909.5	66012.79	74422.81	379612.7	189776.2	x		x	
G3I366	2	2	6.332176	0.005776	1.830284	31C	37C	31C	Prolyl endo	388326.6	370592.9	346003.1	243862.4	192126.5	167700.4	388326.6	655671.2	307041.3	136663.4	451203.3	171942.7	x		x	
G3HW44	11	10	42.74111	0.005804	1.71404	31C	37C	31C	Methionyl-t	309575.3	311515.7	339905.6	599206.4	597071.1	450909.1	309575.3	551148.8	301630.5	335802.3	1402203	462315.8	x		x	
G3GVT2	3	3	8.247022	0.005816	1.731075	31C	37C	31C	Far upstrea	99778.41	106775.1	100584.9	145659.5	182773.3	203246.6	99778.41	188911.7	89258.5	81629.29	429237.6	208388.2	x		x	
G3HQH1	1	1	2.253627	0.005836	1.743582	31C	37C	31C	Cold shock	498196.8	487451.1	418679.6	284124	223391.4	297911.3	498196.8	862422.4	371534.1	159226.4	524627.9	305447.6	x		x	
G3HAJ0	2	2	4.969445	0.005864	1.596112	31C	37C	31C	Golgin subf	154156.8	157264.5	159607.7	110257.3	102594.2	82258.77	154156.8	278240.1	141635	61789.46	240939.3	84339.67	x		x	
G3I1N1	1	1	3.843747	0.005918	2.474343	31C	37C	31C	Sedoheptu	44976.36	40728.58	45086.63	22841.16	12615.05	17402.89	44976.36	72058.99	40009.64	12800.45	29626.07	17843.13	x		x	
G3H0T9	1	1	2.727011	0.005933	1.898798	31C	37C	31C	Huntingtin-	142448.2	137814.1	109621.1	80509.67	60096.38	64725.67	142448.2	243827.4	97277.18	45118.56	141134.5	66363.03	x		x	
G3I1U6	1	1	2.343748	0.005957	1.511865	31C	37C	31C	ARHGEF7 |	11860.5	11499.92	11555.56	8728.935	7703.136	6662.582	11860.5	20346.23	10254.35	4891.797	18090.58	6831.125	x		x	
G3I2F8	1	1	3.041347	0.005974	1.568651	31C	37C	31C	U4/U6.U5 t	397833.5	323623	305235.6	226286	209600.7	218619.7	397833.5	572569.7	270864.5	126813.3	492240.9	224150.1	x		x	
G3GV75	1	1	4.152864	0.005993	1.939753	31C	37C	31C	RALA | RAL/	109689.3	94565.36	132930.2	64261.78	49952.33	59614.63	109689.3	167309.7	117961.6	36013.05	117311.5	61122.7	x		x	
G3IGY6	1	1	2.543188	0.006005	1.592862	31C	37C	31C	ADP-ribose	105023.4	115434.2	96590.49	69644.42	72074.19	57324.43	105023.4	204231.8	85713.9	39029.55	169264	58774.57	x		x	
G3H4C1	1	1	3.421094	0.006023	1.722306	37C	31C	31C	60S ribosor	537019.3	392285.1	409000.3	817300.7	757838.2	729831.3	537019.3	694049.9	362944.8	458024.9	1779760	748293.8	x		x	
G3H6S6	1	1	2.036014	0.006034	2.547754	37C	31C	31C	Leucine-ric	24605.32	20410.34	13560.2	53137.21	50324.86	45774.83	24605.32	36110.98	12033.25	29778.72	118186.4	46932.8	x		x	
G3HHK0	1	1	3.783052	0.006058	1.693918	31C	37C	31C	28S ribosor	305385.2	289056.6	250120.1	191449	161792.6	145343.2	305385.2	511413.2	221955.3	107290.2	379965	149020	x		x	
G3HQM6	20	20	115.2943	0.006121	1.66741	37C	31C	31C	Endoplasm	16099668	14740391	18504373	27927074	30421698	23928621	16099668	26079421	16420685	15650659	71444437	24533944	x		x	
G3GZA5	1	1	2.351985	0.006144	31.72759	31C	37C	31C	DnaJ-like s	165548.6	157382.8	143452.3	2046.464	893.3987	11759.76	165548.6	278449.4	127298.8	1146.862	2098.12	12057.25	x		x	
G3I2F1	1	1	3.064063	0.006166	2.403934	31C	37C	31C	Phosphofu	127515.6	160935.8	105170.9	64165.91	55675.92	43899.03	127515.6	284735.4	93328.1	35959.33	130753.2	45009.55	x		x	
G3IDM7	1	1	3.027738	0.0062	9.847738	37C	31C	31C	RNASEH2C	5689.506	12780.16	2824.053	54020.9	92164.85	63509.16	5689.506	22611.28	2506.05	30273.95	216446.4	65115.75	x		x	
G3IGZ8	2	2	7.288474	0.00622	3.708677	31C	37C	31C	Torsin-1B |	26025.99	19945.35	23422.91	3665.166	6664.663	8381.493	26025.99	35288.29	20785.37	2054.002	15651.76	8593.52	x		x	
G3HB38	5	5	15.38825	0.006237	1.675325	37C	31C	31C	Putative AT	65861.44	63208.56	52804.93	113314.3	102550.1	88835.19	65861.44	111831.7	46858.82	63502.64	240835.9	91082.46	x		x	
G3I2P6	2	2	5.398662	0.006247	3.035378	37C	31C	31C	DnaJ-like s	16435.38	15371.89	18364.37	34752.9	48659.29	68877.73	16435.38	27196.71	16296.45	19475.93	114274.9	70620.13	x		x	
G3HAT2	1	1	3.976942	0.006255	2.574574	37C	31C	31C	NMDA rece	127193.4	104280.2	123724.2	249144.1	254149.5	411189.2	127193.4	184497.6	109792.3	139623.2	596862.5	421591.1	x		x	
G3H1D2	3	3	13.78888	0.006284	1.713196	31C	37C	31C	Tripartite m	170872.6	187940.5	169830.2	84670.04	105224.7	118676.7	170872.6	332513.6	150706.5	47450.08	247117.1	121678.9	x		x	
G3IHA0	2	2	6.304631	0.006311	2.281029	37C	31C	31C	3-hydroxyis	55275.12	50731.72	55747.62	117274.5	157726.1	93966.11	55275.12	89757.05	49470.15	65721.98	370415	96343.17	x		x	
G3HAH3	1	1	4.66146	0.006338	1.595162	37C	31C	31C	Dihydrooro	131136.1	113099.3	117596.9	165673.6	215074.3	196433.2	131136.1	200100.8	104354.8	92845.44	505095.6	201402.4	x		x	
G3HCK9	1	1	2.296997	0.006378	Infinity	37C	31C	31C	Far upstrea	0	0	0	66203.67	172.9549	10825.69	0	0	0	37101.31	406.1794	11099.54	x		x	
G3IDW3	4	4	12.07194	0.006414	2.311649	31C	37C	31C	KDEL motif	123432.8	124175.2	106468.2	59171.45	36498.95	57499.94	123432.8	219696.8	94479.3	33160.37	85716.68	58954.52	x		x	
G3HRD0	2	2	5.589952	0.006423	2.70252	37C	31C	31C	Matrix meta	35018.24	24557.31	28872.39	99771.5	81126.97	58133.83	35018.24	43447.99	25621.21	55913.12	190524.2	59604.44	x		x	
G3HJS7	1	1	4.277451	0.006478	1.679076	31C	37C	31C	Translation	102795.4	95754.33	107961.3	50083.48	64153.96	68310.06	102795.4	169413.2	95804.31	28067.37	150663.6	70038.1	x		x	
G3HKJ6	1	1	4.095268	0.006497	4.289772	37C	31C	31C	Myc box-de	19216.61	12641.57	13217.46	54715.27	95730.87	42918.08	19216.61	22366.08	11729.1	30663.08	224821.1	44003.78	x		x	
G3IDP5	1	1	2.078764	0.006504	25.87485	31C	37C	31C	CYR61 | CY	70818.95	82860.72	51970.08	5672.952	519.1658	1755.745	70818.95	146601.3	46117.98	3179.189	1219.245	1800.16	x		x	
G3IBV8	1	1	2.661707	0.006506	2.979377	37C	31C	31C	TIM21-like	14684.11	22181.39	10454.04	47975.31	48247.62	44759.83	14684.11	39244.4	9276.864	26885.93	113308.1	45892.12	x		x	
G3I5W9	1	1	5.472844	0.006557	4.451125	31C	37C	31C	DNA-bindir	384257.3	293567.4	726879.3	115734.1	97159.81	102690.1	384257.3	519393.9	645029	64858.76	228176.9	105287.9	x		x	
G3HFJ1	3	3	8.681194	0.006561	2.014004	37C	31C	31C	Scavenger	111635.9	108301.8	127609	205784.9	293344.7	200830.9	111635.9	191612.8	113239.5	115324.3	688911.1	205911.3	x		x	
G3I2H2	1	1	3.026798	0.006598	2.346047	31C	37C	31C	39S ribosor	231359.1	179191.3	136135.4	81315.32	70383.82	81325.14	231359.1	317034.1	120805.9	45570.05	165294.3	83382.43	x		x	
G3HAP5	1	1	4.377504	0.006601	2.797187	37C	31C	31C	Gamma-glu	40011.69	29145.54	34122.08	105780.4	116414.5	66696.71	40011.69	51565.73	30279.76	59280.54	273395.9	68383.94	x		x	
G3I2X1	1	1	2.416751	0.006647	2.772852	31C	37C	31C	UPF0468 p	512524	473524.6	444299.2	164521.2	117031.4	234287.4	512524	837782.9	394268.8	92199.62	274844.7	240214.1	x		x	
G3H9J8	1	1	3.10819	0.00666	3.330822	37C	31C	31C	Exportin-T	33359.61	24913.49	31522.59	93542.35	67382.36	138168.7	33359.61	44078.16	27972.98	52422.22	158245.4	141664	x		x	
G3HGT4	1	1	2.730311	0.006675	1.691087	37C	31C	31C	Uncharacte	36772.68	32520.91	40750.38	70251.97	62136.07	53705.94	36772.68	57537.59	36161.68	39370.02	145924.7	55064.54	x		x	
G3I064	11	11	42.11525	0.0067	2.253918	37C	31C	31C	Neutral alp	883676.9	789871.4	806735.5	1859291	2337275	1393792	883676.9	1397479	715893	1041968	5489020	1429050	x		x	
G3IDC3	1	1	3.958056	0.006824	5.471301	37C	31C	31C	Rhomboid	16335.7	8235.554	20401.89	53753.44	103588.2	88720.04	16335.7	14570.75	18104.53	30124.05	243273.7	90964.39	x		x	
G3HCY7	1	1	2.933937	0.006839	1.64973	37C	31C	31C	tRNA (guan	22514.41	23616.61	19291.59	33245.45	41603.15	33081.03	22514.41	41783.66	17119.26	18631.14	97703.75	33917.89	x		x	
G3H5T7	1	1	3.614448	0.006855	1.907079	37C	31C	31C	Chromobo	187569.8	162837.3	234032.1	331529.6	422254.5	360787.7	187569.8	288099.8	207678.9	185793.1	991651.9	369914.6	x		x	
G3IG24	1	1	4.994986	0.006862	1.579345	31C	37C	31C	ATP-depen	605191.8	589266.1	672840.1	335484.2	407155.5	439684.4	605191.8	1042558	597074.8	188009.3	956192.5	450807.1	x		x	
G3IPK9	2	2	6.914105	0.006874	2.248463	37C	31C	31C	Adenylate k	163827.7	144414.3	156901.2	291083	459122.9	295651.1	163827.7	255504.8	139233.3	163126.3	1078236	303130.2	x		x	
G3HX09	4	4	12.88777	0.006891	1.539527	37C	31C	31C	Peptidylpro	132770	145663.6	163595.4	233267.5	245531	201717.1	132770	257715.1	145173.7	130725.9	576622.1	206819.9	x		x	
G3ILN5	4	4	36.48342	0.006899	1.971462	37C	31C	31C	Reticuloca	4261917	4438378	4652276	7947218	11073456	7303416	4261917	7852596	4128405	4453714	26005678	7488170	x		x	
G3GSH5	3	3	7.300191	0.006933	1.563417	31C	37C	31C	ATP-depen	1451383	1296079	1125385	886444	756774.4	833950	1451383	2293086	998660.5	496773.6	1777262	855046.5	x		x	
G3GX59	6	6	20.13834	0.006973	3.96711	37C	31C	31C	Putative so	21172.57	19522.32	28026.06	96072.16	121929.7	54621.71	21172.57	34539.85	24870.18	53839.96	286348.2	56003.48	x		x	

G3HQR1	1	1	2.356261	0.00699	1.597741	31C	37C	Guanine nu	92224.39	76634.02	79995.9	57755.45	53028.21	44970.17	92224.39	135584.7	70987.95	32366.83	124535.1	46107.78	x	x
G3HV16	2	2	6.240617	0.007	1.975016	31C	37C	Niban-like	530430.5	522255.2	419263.5	276563.1	272202.9	196518.7	530430.5	923999.5	372052.2	154989.2	639260.3	201490	x	x
G3I7C7	1	1	4.336097	0.007088	1.765489	31C	37C	Syntaxin-4	67583.72	50302.68	54094.55	33951.37	28322.44	35138.86	67583.72	88997.97	48003.22	19026.74	66514.38	36027.77	x	x
G3I830	1	1	2.064519	0.00711	5.465084	31C	37C	Phosphoa	225378.5	200450.3	188415.4	52527.41	43067.2	16799.68	225378.5	354646.5	167198.9	29436.97	101142	17224.66	x	x
G3HFP1	2	2	6.60752	0.007206	1.741986	37C	31C	Radixin | RI	177990.8	153543.7	145503.8	258477.5	244210.5	328306	177990.8	271657.1	129119.3	144853.8	573520.9	336611.2	x	x
G3HM62	1	1	2.797427	0.007238	1.760387	37C	31C	Bromodom	18591.35	14874.4	20089.27	27323.53	33407.55	33546.47	18591.35	26316.51	17827.12	15312.43	78456.62	34395.1	x	x
G3HQ88	1	1	3.761482	0.007254	1.747837	31C	37C	Bcl-2-like p	127771.8	124504.8	158503.2	72154.39	71524.56	91342.85	127771.8	220280	140654.9	40436.16	167973.3	93653.56	x	x
G3I306	4	4	10.08984	0.007266	1.552956	31C	37C	Eukaryotic	803637.1	765558.2	667025.1	533060.1	422461.2	484455.8	803637.1	1354463	591914.7	298733.1	992137.4	496711.1	x	x
G3HCS8	2	2	6.175908	0.007283	2.065103	31C	37C	Nucleolar p	29779.35	37956.77	24416.21	13678.87	14241.87	16702.86	29779.35	67154.97	21666.82	7665.798	33446.6	17125.39	x	x
G3HMD2	1	1	4.523046	0.007304	43.25336	37C	31C	Sulfide:qui	527.0043	4311.943	3977.316	132257.6	196208.1	52867.33	527.0043	7628.9	3529.45	74118.68	460788.8	54204.72	x	x
G3IKA3	4	4	13.01453	0.007305	8.710572	31C	37C	Perilipin | P	114170.4	90707.75	102976.9	21569.58	4303.502	9469.609	114170.4	160484.6	91381.17	12087.85	10106.64	9709.162	x	x
G3GVA5	1	1	3.591865	0.007337	1.755524	31C	37C	Phosphoin	72504.7	81441.69	101395	43849.79	51812.54	49787.95	72504.7	144090.6	89977.44	24573.94	121680.2	51047.44	x	x
G3H1V2	2	2	7.650675	0.007339	2.840393	37C	31C	Protein lun	12603.48	24303.41	22533.16	50143.48	59335.57	59354.09	12603.48	42998.78	19995.81	28100.99	139347.8	60855.57	x	x
G3I9M1	1	1	2.309525	0.007367	2.321995	37C	31C	Signal pept	57526.75	68739.18	49362.1	153281.3	152696.8	101829.3	57526.75	121616.7	43803.68	85900.63	358603.7	104405.3	x	x
G3H7U0	5	5	22.55187	0.007403	1.607411	31C	37C	3-hydroxya	1710119	1676151	1583071	955074.7	1228443	908001.3	1710119	2965529	1404809	535235	2884960	930971.1	x	x
G3GYX3	1	1	3.323554	0.007411	3.125599	37C	31C	T-complex	45839.16	43729.88	27939.79	119893.8	157671.4	89720.28	45839.16	77369.04	24793.62	67189.89	370286.6	91989.94	x	x
G3IPB7	1	1	2.026778	0.007422	2.001791	37C	31C	Golgi SNAP	65632.93	56503.57	60842.73	131361.5	141654.8	93269.83	65632.93	99968.88	53991.52	73616.51	332671.9	95629.28	x	x
G3IJU9	1	1	2.00313	0.007431	1.864986	37C	31C	Pre-mRNA-	43385.67	56658.34	42082.46	97838.73	92429.48	74795.62	43385.67	100242.7	37343.76	54829.97	217067.8	76687.73	x	x
G3HDT6	1	1	2.667771	0.007462	1.867153	37C	31C	Histone H2	4599079	5399592	3964357	7829078	7979175	10262850	4599079	9553222	3517950	4387507	18738851	10522470	x	x
G3HT37	1	1	1.779562	0.007482	1.781347	31C	37C	Acyl-CoA-b	63938.41	69672.36	54298.66	40877.86	34682.56	29926.87	63938.41	123267.8	48184.35	22908.43	81450.94	30683.93	x	x
G3H3Y2	4	4	12.72378	0.007493	7.32021	31C	37C	Retrovirus-	387021.6	420801.2	407990.8	69591.09	20233.19	76265.71	387021.6	744502.1	362048.9	38999.66	47517.03	78195	x	x
G3GXN3	1	1	2.236871	0.00759	4.2055	37C	31C	Intersectin	12578.5	11075.08	23946.22	91227.51	55077.54	53875.89	12578.5	19594.58	21249.75	51124.96	129347.9	55238.79	x	x
G3HI99	1	1	2.490165	0.007607	1.561311	31C	37C	Iron-sulfur	110206.9	97054.69	127368.2	65905.44	75635.1	72785.59	110206.9	171713.9	113025.9	36934.18	177626.7	74626.85	x	x
G3I3V3	1	1	2.851553	0.007615	1.676718	37C	31C	Coproporp	24412.63	28003.45	28484.01	53708.78	41116.24	40821.58	24412.63	49545.07	25276.57	30099.03	96560.24	41854.24	x	x
G3ILG2	3	3	8.724005	0.007686	1.532629	31C	37C	THUMP dor	177384.9	189351.8	156260.9	127521.8	111904.7	101815.7	177384.9	335010.6	138665.1	71464.73	262804.9	104391.3	x	x
G3I775	1	1	5.134581	0.007724	2.770783	37C	31C	UPF0195 p	43274.4	31208.73	64358.3	128683.5	118073	137943	43274.4	55216.02	57111.23	72115.76	277290.9	141432.6	x	x
G3GWQ3	2	2	7.997393	0.00773	2.651932	37C	31C	Adenosine	127664.6	104616.7	109948.4	325246	376385.4	205938.3	127664.6	185093	97567.63	182271.7	883929.7	211147.9	x	x
G3GS14	5	5	21.91417	0.007731	1.536409	31C	37C	TMEM43 | T	784592.4	784773.9	827433.7	496600	454735.2	608666.1	784592.4	1388460	734260.4	278300.5	1067932	624063.5	x	x
G3HSZ4	1	1	2.367635	0.007855	Infinity	37C	31C	Splicing fac	0	0	0	76618.38	169.487	54852.72	0	0	0	42937.84	398.0352	56240.33	x	x
G3HA14	5	5	14.77625	0.007864	2.000275	37C	31C	Tyrosine-pr	57800.54	62669.59	57586.78	105235.7	98905.07	152021.9	57800.54	110878.1	51102.21	58975.32	232275.6	155867.6	x	x
G3HHL3	1	1	2.265705	0.007932	1.693688	37C	31C	Eukaryotic	46589.43	54313.41	58062.29	98982.75	75437.73	94816.82	46589.43	96093.95	51524.18	55471.09	177163.2	97215.4	x	x
G3H5G6	1	1	2.189948	0.007947	1.871247	37C	31C	Thioredoxir	634434.8	631617.3	544188.2	304110.4	264973.5	398314	634434.8	1117488	482909.8	170427	622282.1	408390.2	x	x
G3ILW1	4	4	11.02739	0.007967	1.949265	37C	31C	Calpain-1 c	58144.44	52781.84	48293.77	116391.5	114090.1	79880.45	58144.44	93384.22	42855.65	65227.15	267937.2	81901.19	x	x
G3IKL1	1	1	3.01072	0.007986	12.74587	37C	31C	Cleft lip an	780.503	1592.45	3147.771	11289.34	22494.44	36582.66	780.503	2817.441	2793.315	6326.675	52827.52	37508.1	x	x
G3I9X6	3	3	9.043478	0.008023	1.940415	31C	37C	Spectrin al	151197.1	165195.9	173381	66436.84	80970.53	104999.5	151197.1	292272.6	153857.4	37231.98	190156.8	107655.6	x	x
G3IIT6	6	6	19.39255	0.00804	1.567645	37C	31C	Cysteinyl-t	161342.4	153123.4	190101.2	232395.5	289546	269040.4	161342.4	270913.3	168694.9	130237.1	679990.1	275846.3	x	x
G3IEE8	1	1	4.988807	0.008041	2.187538	37C	31C	Serine/thre	28977.35	28232.52	40019.34	57026.02	84474.49	71192.05	28977.35	49950.36	35512.95	31958.05	198385.8	72992.99	x	x
G3IFB0	3	3	10.92665	0.00807	2.43029	31C	37C	Serine/argi	39702.87	32985.39	37284.75	15897.47	10381.62	18971.88	39702.87	58359.36	33086.29	8909.126	24380.93	19451.81	x	x
G3HSC1	1	1	2.934995	0.008102	1.651766	37C	31C	Cysteine-ri	42404.15	40133.58	36371	77372.46	61944.35	57092.6	42404.15	71006.29	32275.44	43360.43	145474.4	58536.87	x	x
G3I4I2	2	2	6.887607	0.008138	2.664828	37C	31C	HIRA-intera	19880.72	21658.14	30477.79	46730.19	67636.5	77545.31	19880.72	38318.65	27045.83	26188.15	158842.3	79506.98	x	x
Q9JJN7	1	1	2.882245	0.008225	1.659128	31C	37C	CBR3 | CBF	80000.82	101464.4	86390.92	45932.32	58873.03	56638.56	80000.82	179515.9	76662.85	25741.01	138261.5	58071.34	x	x
G3IG05	11	11	41.49904	0.008227	1.543848	31C	37C	Annexin | A	15673204	17197826	19138470	10274012	12797441	10616764	15673204	30427236	16983380	5757677	30054404	10885337	x	x
G3HU24	1	1	2.856064	0.008227	2.595657	37C	31C	Aflatoxin B	6807.448	8103.859	9210.694	28204.23	18365.76	16042.43	6807.448	14337.74	8173.522	15805.98	43131.44	16448.26	x	x
G3HX83	4	4	11.35656	0.00823	1.90406	37C	31C	Ras-relatec	167344.1	190806.4	162424.3	323573.4	402215.3	265416.8	167344.1	337584	144134.5	181334.3	944590.4	272131	x	x
G3HLM0	1	1	6.273617	0.008247	3.6069	37C	31C	DCAKD | D	37761.1	28333.91	17959.57	127932.8	101097	74146.61	37761.1	50129.75	15937.23	71695.04	237423.3	76022.3	x	x
G3H609	3	3	23.83476	0.008248	1.562076	37C	31C	Glutathion	655642.8	607985.2	731614.7	914430.4	1179398	1022893	655642.8	1075677	649231.1	512457.5	2769780	1048770	x	x
G3I822	1	1	3.989832	0.008252	6.198073	37C	31C	Rab protein	3247.696	3217.217	7664.618	24400.17	44079.22	19096.49	3247.696	5692.059	6801.543	13674.14	103518.7	19579.57	x	x
G3GVT1	1	1	3.799793	0.008261	2.467338	31C	37C	DnaJ-like s	58885.93	44948.27	55846.09	16401.18	29152.42	19164.04	58885.93	79524.68	49557.53	9191.416	68463.57	19648.83	x	x
G3GZB2	2	2	4.50416	0.008278	1.707858	31C	37C	Acid ceram	251925	263851.5	284690.3	148570.3	188758.9	131367.1	251925	466819.1	252632.7	83260.55	443294.6	134690.3	x	x
G3H168	1	1	2.561484	0.008355	1.539184	31C	37C	PDZ and LI	131773.2	138909.7	114944.6	75100.07	94874.26	80565.94	131773.2	245765.9	102001.3	42086.96	222809.3	82604.02	x	x
G3HGF9	1	1	6.540797	0.008392	1.633454	37C	31C	Protein trar	314652.5	292168.6	305302	558989.8	524320.3	406600.7	314652.5	516919.1	270923.4	313264.4	1231350	416886.5	x	x
G3HNP4	3	3	9.203177	0.008402	1.898811	37C	31C	rRNA 2'-O-r	72390.63	65330.27	68861.7	139942.1	100512.7	151806.5	72390.63	115585.5	61107.51	78425.18	236050.9	155646.8	x	x
G3GTN0	1	1	2.165336	0.008429	1.510166	37C	31C	Low-densit	207869.8	231440.2	196357.8	325270.7	355038.1	279655.2	207869.8	409475.3	174246.9	182285.5	833796.3	286729.6	x	x
G3HDR1	1	1	3.705295	0.008429	6.32927	37C	31C	COMM don	1421.363	579.5178	1217.275	7003.342	9497.845	3867.391	1421.363	1025.311	1080.204	3924.754	22305.4	3965.225	x	x

G3GTZ4	1	1	2.985588	0.008472	2.677959	37C	31C	Protein Nip	28716.8	26439.54	16164.4	55194.7	77487.87	58311.43	28716.8	46778.13	14344.21	30931.76	181977.9	59786.53	x	x
G3GXX4	5	5	14.83414	0.008488	1.658659	37C	31C	Dolichyl-di	305627	328862.2	288938.6	561553.8	552613.9	417484	305627	581839.1	256402.7	314701.3	1297797	428045.1	x	x
G3I5U4	1	1	4.46658	0.008507	2.840399	37C	31C	Amino acid	94302.14	70727.68	106004.3	195896.3	223894.4	350054.3	94302.14	125134.9	94067.64	109782.6	525809.3	358909.6	x	x
G3H1Q6	1	1	8.217051	0.008578	1.536412	31C	37C	Beta-centra	799504.9	739388.1	833297.1	442764	591025.7	510190.4	799504.9	1308162	739463.5	248130.1	1388006	523096.7	x	x
G3HZI0	1	1	3.252236	0.0086	2.399785	37C	31C	Golgin subf	41318.13	22190.55	30037.6	71151.32	69908.5	83431.15	41318.13	39260.61	26655.21	39874.03	164178	85541.71	x	x
G3IAU0	5	5	13.51936	0.008641	2.147849	37C	31C	Uncharacte	28636.96	32110.41	32550.24	55265.4	57211.41	87912.41	28636.96	56811.31	28884.91	30971.37	134359.3	90136.33	x	x
G3I903	1	1	3.172249	0.00866	1.891703	37C	31C	Acyl-coenz	30399.93	30420.77	42936.03	64855.31	73652.37	57769.23	30399.93	53821.92	38101.22	36345.67	172970.4	59230.62	x	x
G3IIA1	1	1	4.29054	0.008698	1.880725	31C	37C	Methylosor	156420.1	115676.7	107484.4	68351.45	73607.78	59867.85	156420.1	204660.8	95381.13	38304.95	172865.6	61382.32	x	x
G3GWV5	1	1	7.970692	0.008734	2.079269	31C	37C	Phospholip	245745.1	266266.6	202935.7	144261.4	108008.1	91576.1	245745.1	471091.9	180084.1	80845.79	253653.7	93892.7	x	x
G3HLR4	1	1	2.887517	0.008768	2.750658	37C	31C	GHITM |GH	103375.8	93753.54	118244.9	341328.8	336677.5	189480.2	103375.8	165873.4	104929.9	191284.6	790677	194273.5	x	x
G3IES1	4	4	12.58743	0.008771	1.952132	37C	31C	Arginyl-tRN	42689.53	44278.42	57832.87	79862.47	112952.7	89855.1	42689.53	78339.55	51320.59	44755.86	265266	92128.16	x	x
G3HNN8	3	3	9.509166	0.008772	2.627196	31C	37C	Long-chain	508575.6	567566.3	529762.4	177035.8	143681	290545	508575.6	1004166	470108.4	99212.96	337430.4	297894.9	x	x
G3I4H6	3	2	15.10281	0.008773	1.600964	31C	37C	Fructose-b	5972580	5483778	6438026	3349228	3420391	4407637	5972580	9702169	5713071	1876946	8032684	4519137	x	x
G3I841	1	1	4.471027	0.008777	6.253119	31C	37C	O-phospho	85200.37	72037.25	67190.6	21918.33	5375.716	8596.552	85200.37	127451.8	59624.59	12283.29	12624.71	8814.019	x	x
G3GRT0	1	1	2.091371	0.008863	1.576394	31C	37C	Adenine ph	389141.4	369979	410112.1	250830.7	284098.2	206784.6	389141.4	654584.9	363931.3	140568.4	667196.1	212015.6	x	x
G3HG36	1	1	4.686629	0.008892	1.801302	31C	37C	Glutamine	410828.9	361977.6	445596.2	244000.9	179157.1	253243	410828.9	640428.5	395419.8	136741	420745.1	259649.3	x	x
G3ICH9	5	5	18.5367	0.008898	2.086985	31C	37C	Ataxin-10 |	1099377	1127388	1274016	429192.7	524144.2	724098	1099377	1994629	1130556	240524.6	1230937	742415.5	x	x
Q80Z93	2	2	13.72146	0.008924	2.206283	31C	37C	Gap junctio	232201.1	270495.7	229680.3	107568.1	81340.69	143041.8	232201.1	478574.2	203817.1	60282.44	191026.2	146660.3	x	x
G3H300	1	1	2.822908	0.008933	2.532698	31C	37C	Phosphatic	57928.67	57511.15	43349.86	28607.82	16090.75	17997.28	57928.67	101751.5	38468.44	16032.16	37788.65	18452.56	x	x
G3HBW5	1	1	2.612698	0.008944	1.534917	31C	37C	SUMO-con	471688.2	454665.7	530232.7	279106.1	364372.7	305488.9	471688.2	804416.9	470525.8	156414.3	855718.2	313216.9	x	x
G3H748	4	4	15.03602	0.008958	1.77832	37C	31C	Aminopept	180161.2	214705.7	189343.8	341300.5	412878.5	284734.4	180161.2	379867.8	168022.7	191268.8	969632.6	291937.4	x	x
G3H6A8	1	1	2.760692	0.009012	10.33788	37C	31C	Uncharacte	2504.4	6238.198	1232.364	21676.44	49334.3	32109.22	2504.4	11036.93	1093.594	12147.73	115860.1	32921.49	x	x
G3HWJ5	1	1	5.150495	0.009028	9.111363	37C	31C	Poly(U)-bin	14411.25	10234.86	3937.423	122594.2	47431.45	90409.35	14411.25	18108.02	3494.049	68703.21	111391.3	92696.44	x	x
G3IEK4	1	1	3.097946	0.009051	1.600596	31C	37C	Angio-asso	51020.61	52013.46	48985.11	25725.37	35342.18	33909.05	51020.61	92024.77	43469.13	14416.8	83000.04	34766.84	x	x
G3HGK7	1	1	7.148882	0.009064	1.752636	31C	37C	Acylglycerc	671768.1	649707.5	686094.8	461720.6	304305.6	379431.4	671768.1	1149494	608837	258753.6	714652.5	389029.9	x	x
G3GS40	2	2	6.431479	0.00918	1.561689	37C	31C	Succinyl-C	191297	172008	195704.7	252616.1	337575.1	282808	191297	304325	173667.3	141569	792784.9	289962.2	x	x
Q6E6J6	6	6	35.68832	0.009219	2.166978	37C	31C	Chromobo	346920.8	312597.6	383842.5	547835.1	851048	862056.6	346920.8	553062.9	340619.9	307013.2	1998660	883864.1	x	x
G3HUX2	1	1	4.212046	0.009239	1.580053	37C	31C	Protein disu	147130.2	182519	202752.6	269987.4	274445.7	296790.2	147130.2	322921.6	179921.7	151304.1	644527.4	304298.1	x	x
G3I2E0	1	1	2.008275	0.009255	10.83824	37C	31C	RANGRF |	1291.544	315.3445	1113.013	9350.021	5589.486	14539.45	1291.544	557.923	987.6824	5239.861	13126.74	14907.25	x	x
G3I5Y6	1	1	2.138946	0.009263	1.825513	31C	37C	39S ribosor	169597.6	148085.6	136866	101863.4	69431.32	77703.28	169597.6	262000.3	121454.2	57085.47	163057.4	79668.95	x	x
G3H6Z3	1	1	3.794331	0.009321	4.008977	37C	31C	40S ribosor	31871.67	12603.01	15681.57	90252.58	60736.53	90175.89	31871.67	22297.86	13915.75	50578.6	142637.9	92457.07	x	x
G3HI05	1	1	3.953365	0.009328	2.335411	31C	37C	High affinit	124649.7	102717.3	93533.01	36469.27	39218.91	61718.09	124649.7	181732.6	83000.71	20437.81	92104.42	63279.37	x	x
G3GYQ9	1	1	7.531341	0.00936	1.939792	31C	37C	Uroporphyr	402567.5	370158.9	355134.9	143746.4	219008.6	218679.2	402567.5	654903.2	315144.9	80557.15	514335.1	224211.2	x	x
G3IND2	1	1	3.166297	0.009366	1.793183	31C	37C	26S protea	2071841	2259510	1766216	1315557	1159249	925608.4	2071841	3997636	1567331	737253.7	2722462	949023.5	x	x
G3IN81	1	1	3.736598	0.00937	2.513161	31C	37C	Uncharacte	161884.1	193183.7	200475.6	48599.57	83530.24	88923.85	161884.1	341790.1	177901	27235.77	196168.2	91173.36	x	x
G3H6J1	1	1	3.384918	0.009405	4.933724	31C	37C	Mitogen-ac	60651.72	49560.17	64176.97	6754.318	7577.717	21014.26	60651.72	87684.28	56950.31	3785.199	17796.04	21545.85	x	x
G3H5W5	3	3	9.237899	0.009456	1.924761	31C	37C	LIM and SH	381274.6	494313.3	507053.3	192066.7	273465	252812.6	381274.6	874563.2	449956.5	107636.4	642224.2	259208	x	x
G3GWH3	1	1	1.995014	0.009471	2.219058	31C	37C	POMP |	105310.3	87706.43	80378.59	53862.12	31877.55	37463.67	105310.3	155174.5	71327.54	30184.96	74863.47	38411.38	x	x
G3I7I9	3	2	7.96175	0.009485	1.757863	37C	31C	Dolichyl-di	186850.6	143152.9	146782.9	278382.7	321122.1	238620.5	186850.6	253273.1	130254.4	156008.9	754145.4	244656.9	x	x
G3I624	1	1	2.913644	0.009541	1.984161	37C	31C	Mannose-1	20348.66	28411.8	22385.21	43271.37	57460.61	40432.52	20348.66	50267.56	19864.52	24249.78	134944.5	41455.35	x	x
G3HKJ1	1	1	2.905031	0.009554	4.792386	37C	31C	Protein IWS	3502.972	4190.475	11167.67	26841.85	32529.24	31018.65	3502.972	7413.994	9910.13	15042.49	76393.94	31803.33	x	x
G3H2V3	1	1	3.567057	0.009632	1.618955	31C	37C	Acidic leuc	1865675	1721068	2079331	974866.7	1313571	1211396	1865675	3044998	1845187	546326.7	3084882	1242041	x	x
G3I7U9	1	1	2.147552	0.009692	2.538126	37C	31C	HTRA2 |	7671.13	5405.444	7741.679	23544.19	14430.25	14864.91	7671.13	9563.577	6869.926	13194.44	33889.01	15240.95	x	x
G3HHV8	4	4	14.13291	0.009712	1.592186	37C	31C	Histone de	273939.7	287945.3	294600.4	402217.2	416603.3	544863.5	273939.7	509447	261426.9	225407.2	978380.2	558646.9	x	x
G3HS67	1	1	4.461121	0.009728	1.820955	31C	37C	Heme oxyg	502303.9	426985.5	392887.3	296986.6	218410.2	210692.8	502303.9	755443.6	348646.2	166434.8	512929.8	216022.7	x	x
G3HKC6	2	2	5.418695	0.009811	30.25058	31C	37C	CDKN1A |	114994.2	83805.84	95587.56	758.5378	446.4517	8526.644	114994.2	148273.4	84823.91	425.0935	1048.478	8742.343	x	x
G3GZ76	1	1	1.727888	0.009832	1.69996	31C	37C	Zinc finger	572431.1	448603	511838	334845.4	248966.3	317899.1	572431.1	793690.4	454202.4	187651.3	584689.9	325941	x	x
G3H7N7	1	1	2.684314	0.009849	2.245751	37C	31C	Protein ELY	11229.24	15581.75	15246.28	23693.88	37469.74	33286.57	11229.24	27567.99	13529.47	13278.33	87996.55	34128.62	x	x
G3H2P3	2	2	6.537777	0.009936	5.069457	37C	31C	Beta-galac	20816.29	18511.46	23389.25	122405.1	144856	50680.02	20816.29	32751.38	20755.5	68597.24	340190	51962.07	x	x
G3GWX3	2	2	4.747383	0.010019	2.105513	37C	31C	GDP-mann	20356.28	15973.46	19554.77	37744.07	49436.65	30484.84	20356.28	28261.04	17352.8	21152.22	116100.5	31256.01	x	x
G3HB04	2	2	11.26507	0.010086	4.303842	37C	31C	Protein disu	69174.5	47171.18	83720.03	421818.4	267421.1	171811.7	69174.5	83457.56	74292.72	236391.9	628030.3	176158	x	x
G3HRC6	1	1	2.779225	0.010235	6.282169	31C	37C	Abhydrolas	139491.4	143914.5	147748.4	33122.31	27298.87	8210.263	139491.4	254620.6	131111.2	18562.13	64110.56	8417.958	x	x
G3H3E4	5	5	20.98235	0.01028	4.450437	31C	37C	Galectin-3-	778921.3	837071.9	729725.7	230749.2	217200.9	79126.03	778921.3	1480989	647554.9	129314.5	510089.7	81127.68	x	x
G3I016	2	2	4.217882	0.010347	1.785755	31C	37C	RNA-bindir	76314.79	65387.89	62287.28	29992.32	41351.03	42888.39	76314.79	115687.5	55273.41	16808.05	97111.65	43973.34	x	x

G3IFJ2	1	1	2.011018	0.010403	1.934242	37C	31C	Serine/thre	34847.77	39802.87	29576.9	71197.77	77444.01	52959.45	34847.77	70421.18	26246.39	39900.06	181874.9	54299.16	x	x
G3I1D2	3	3	17.74431	0.010449	1.547768	37C	31C	Actin-like p	286438.2	291033.6	304552.6	375924.6	482081.5	507162.9	286438.2	514910.9	270258.4	210672.5	1132154	519992.7	x	x
G3H7B6	2	1	5.215189	0.010761	2.995914	37C	31C	WD repeat	20512.18	21725.89	12453.75	56305.21	38760.91	68785.87	20512.18	38438.51	11051.39	31554.1	91028.82	70525.95	x	x
G3HQV5	1	1	2.964314	0.010903	4.077364	37C	31C	Xylulose ki	10824.45	11988.68	5824.6	46013.68	46660.19	24092.59	10824.45	21210.95	5168.72	25786.61	109580	24702.06	x	x
G3HS38	1	1	2.454484	0.010956	2.342262	37C	31C	Treacle pro	9167.772	9873.199	11209.87	29735.64	16462.57	24657.2	9167.772	17468.15	9947.583	16664.2	38661.85	25280.96	x	x
G3IEZ1	1	1	4.26367	0.011038	3.005408	37C	31C	Calcium/ca	175389.6	154797.7	263366.2	581789.9	786621.6	415458.8	175389.6	273875.6	233709.8	326041.8	1847357	425968.7	x	x
G3IFK1	1	1	2.383908	0.011103	1.843846	31C	37C	Flap endon	309788.9	346547.7	293184.4	139527.4	158319.1	217121	309788.9	613129.1	260170.3	78192.77	371807.6	222613.5	x	x
G3HGH4	1	1	4.1243	0.011123	1.841705	37C	31C	Small nucle	84090.66	108394.5	73643.88	138577.9	175787.5	175765.7	84090.66	191776.8	65351.2	77660.66	412831.6	180212	x	x
G3HLV2	2	2	7.064471	0.011146	4.274639	31C	37C	5'-nucleoti	73214.76	138533.2	50949.2	17268.06	24175.37	20011.4	73214.76	245099.7	45212.06	9677.221	56775.12	20517.62	x	x
G3H8E7	1	1	2.790712	0.011152	1.697667	37C	31C	Mannose-1	187900.9	184907.4	234676.4	112065.6	141255	104514.5	187900.9	327147.2	208250.6	62802.86	331733.1	107158.4	x	x
G3HQ99	2	2	10.59742	0.011271	2.246637	31C	37C	Programme	264008	330183.6	209998.5	114411	95651.48	147890.3	264008	584177	186351.6	64117.24	224634.6	151631.5	x	x
G3HC18	2	1	10.46083	0.011277	2.037482	37C	31C	Interleukin	93370.7	100355.2	84745.03	139760.8	230746.9	196871.8	93370.7	177553.3	75202.3	78323.59	541902.1	201852.1	x	x
G3GVV9	1	1	4.964763	0.011306	1.833109	37C	31C	D-aminoac	107544.3	103375.5	129188.1	199735.4	253451.4	170268	107544.3	182897	114640.8	111934.1	595223	174575.3	x	x
G3I3B5	1	1	3.926805	0.011387	3.448958	31C	37C	Rho-relate	349156.2	338319	447345.7	121349.3	59078.04	148605.7	349156.2	598570.5	396972.2	68005.55	138743	152364.9	x	x
G3HXU5	1	1	2.575011	0.011392	1.815661	37C	31C	Putative AT	27227.73	20726.7	28889.28	51894.44	38822.34	48805.33	27227.73	36670.69	25636.2	29082.25	91173.1	50039.96	x	x
G3GVI7	1	1	3.777834	0.011546	4.751026	31C	37C	Dual specif	345654.9	288085.6	208108.2	62552.78	27633.13	87007.13	345654.9	509695.2	184674.2	35055.31	64895.56	89208.15	x	x
G3GR69	1	1	2.326904	0.011645	1.707126	31C	37C	Splicing fac	175680.2	156137.4	148313.5	88986.4	77797.99	114466.8	175680.2	276245.9	131612.7	49869.02	182706.2	117362.5	x	x
G3IDT6	20	20	71.74698	0.011652	2.298738	37C	31C	Protein disu	1499045	1496928	1704667	3254993	4877110	2673433	1499045	2648438	1512712	1824136	11453744	2741063	x	x
G3GY44	18	18	85.66938	0.011661	1.583769	37C	31C	Myosin-10	757821.5	839292.1	837882.4	1092604	1523281	1240586	757821.5	1484917	743532.5	612307.8	3577380	1271969	x	x
G3GZX7	1	1	4.129967	0.011742	3.319148	31C	37C	Phosphatic	29554.58	44547.26	22412.24	13378.16	8476.389	7223.42	29554.58	78815.19	19888.5	7497.277	19906.54	7406.151	x	x
G3HVV6	1	1	1.944272	0.01192	1.52652	37C	31C	HLA class I	113890.6	101205.3	113010.1	182491.1	179167.7	139201.7	113890.6	179057.4	100284.6	102270.2	420769.9	142723.1	x	x
G3I6H6	1	1	5.429455	0.011963	1.644012	31C	37C	Glucosami	338071.2	370499.1	371517	177912.9	262418.1	216651.5	338071.2	655505.1	329682.2	99704.45	616281.1	222132.1	x	x
G3I067	1	1	2.253002	0.011986	1.523164	31C	37C	Echinoderr	119034.5	140051.2	130338.8	78464.81	100311	76892.38	119034.5	247785.5	115662	43972.59	235577.3	78837.53	x	x
G3GZ25	2	2	5.944875	0.012022	1.560968	31C	37C	RPP40 | RP	251090.6	257716.9	213489.7	130131.1	160088.5	172504.5	251090.6	455965.4	189449.7	72926.98	375962.9	176868.4	x	x
G3HC35	1	1	2.043869	0.01203	1.779022	31C	37C	28S ribosor	255940.9	247964.5	227115.2	104772.1	143596.1	162543.3	255940.9	438711	201540.9	58715.52	337231	166655.2	x	x
G3HGC0	3	3	6.364981	0.012089	1.977166	31C	37C	Serine/thre	58314.02	54409.39	52642.55	24250.53	22189.4	37197.95	58314.02	96263.76	46714.72	13590.28	52111.14	38138.95	x	x
G3I0R8	7	7	22.46966	0.012272	5.577992	37C	31C	Actin-bindi	19248.29	14238.41	15649.79	63338.06	50051.67	160693.2	19248.29	25191.29	13887.55	35495.39	117544.8	164758.3	x	x
G3I278	8	8	28.93197	0.012311	1.848012	37C	31C	Laminin su	243291	254050.4	299280.2	534550.1	559828	377788.5	243291	449478.4	265579.7	299568.1	1314739	387345.5	x	x
G3IL63	1	1	3.46043	0.012385	1.529149	31C	37C	Caspase-7	111986	116657	136219.3	67947.47	88493.24	82164.17	111986	206395.3	120880.3	38078.56	207823.7	84242.68	x	x
G3HZF4	1	1	4.503846	0.012511	2.052157	31C	37C	Chloride in	2903704	2508294	3341531	1035203	1600787	1629536	2903704	4437797	2965257	580139.6	3759400	1670759	x	x
G3HYC0	1	1	2.049191	0.012573	18.15042	31C	37C	CML3 | CM	55273.31	55802.03	48707.31	2912.235	417.2158	5473.797	55273.31	98727.68	43222.61	1632.05	979.8187	5612.268	x	x
G3I5Q4	4	3	14.12866	0.012666	1.79571	31C	37C	Heterogene	1481804	1533303	1396703	731855.2	671640.3	1053367	1481804	2712796	1239427	410140.2	1577327	1080014	x	x
Q9EPP7	3	3	8.736905	0.012915	1.586801	31C	37C	CTSZ | CTS	1838411	1891332	1781757	1178247	1360492	934600.7	1838411	3346237	1581122	660303.6	3195074	958243.3	x	x
G3HEJ1	1	1	3.063823	0.01292	1.641102	31C	37C	Neuroplast	329168.8	301737.7	258260.2	194343.2	148872	198595.7	329168.8	533849.1	229178.8	108912.2	349621.3	203619.5	x	x
G3HMB2	2	2	11.45998	0.012921	2.068538	37C	31C	TMED4 | TM	332386.7	347964.2	311862.2	717311.5	845049.3	490069.3	332386.7	615635.3	276744.9	401989.7	1984573	502466.6	x	x
G3I2A9	1	1	4.491035	0.013056	1.641571	31C	37C	Terminal ur	288914.1	313811.5	273179.5	213217.4	175645.4	144714.7	288914.1	555210.6	242418.1	119489.5	412497.8	148375.6	x	x
G3HX93	3	3	8.997797	0.013111	1.55182	37C	31C	CCAAT/enh	40703.48	48226.49	39634.56	56111.87	72883.75	70513.35	40703.48	85324.67	35171.51	31445.75	171165.3	72297.13	x	x
G3HHE3	7	7	30.65323	0.013207	1.725058	37C	31C	Leucyl-tRN	318581	319304.9	371634.9	482233.4	712590.6	546657.6	318581	564929.9	329786.9	270249.2	1673498	560486.4	x	x
G3GWG3	1	1	8.089798	0.013225	2.943742	37C	31C	High mobili	1354657	1506042	2302466	3428823	5097696	6672506	1354657	2664564	2043196	1921552	11971785	6841300	x	x
G3HZ25	3	3	9.391918	0.013279	1.501156	31C	37C	NADH dehy	367595.2	443263.4	348309	240880	241359.8	289943.1	367595.2	784243.3	309087.6	134992	566826.3	297277.8	x	x
G3I2L9	2	2	8.190055	0.013332	2.292361	37C	31C	Sulfatase-r	161954.5	183624.3	187426.1	407909.7	531362.9	282567.5	161954.5	324877.2	166321	228597.4	1247890	289715.6	x	x
G3I308	1	1	2.613269	0.013658	1.59667	31C	37C	26S protea	717422.1	762706.5	620476.9	360832.2	465012.5	489772.3	717422.1	1349418	550608	202214.6	1092068	502162.1	x	x
G3HAN3	4	4	10.15181	0.013745	1.596728	31C	37C	RNA-bindir	448143	486613	347199.1	248473.6	268129.8	286260.3	448143	860939.5	308102.7	139247.5	629694.6	293501.8	x	x
G3HCT4	7	7	23.86503	0.013926	1.909522	31C	37C	Putative AT	2075515	2035176	1696067	767533.5	1004704	1268710	2075515	3600733	1505081	430134.8	2359518	1300804	x	x
G3GTP7	3	2	8.741341	0.014101	1.914616	31C	37C	Vitronectin	69737.97	71442.91	56616.5	42099.58	25956.35	35253.22	69737.97	126400.3	50241.19	23593.1	60957.71	36145.02	x	x
G3H2S4	1	1	2.553646	0.014375	2.269072	37C	31C	Peroxisom	42410.86	57073.22	44451.36	107197	141034.9	78367.96	42410.86	100976.7	39445.91	60074.44	331216.2	80350.44	x	x
G3HQK2	1	1	3.86793	0.014427	1.714418	31C	37C	3-keto-ster	355489	438565.4	383229.1	178925	260712.6	247058.1	355489	775931.5	340075.5	100271.7	612275.7	253307.9	x	x
G3HBI9	6	6	16.90231	0.01459	1.543302	37C	31C	Leukotrien	251317.4	271941.7	266956.5	341044.8	482050.2	396446.5	251317.4	481132.6	236895.8	191125.5	1132080	406475.4	x	x
G3I3U5	1	1	3.33587	0.014601	7.31414	37C	31C	Nidogen-1	4651.332	13260.98	9874.44	51218.99	116909.3	35107.91	4651.332	23461.97	8762.527	28703.72	274557.9	35996.04	x	x
G3HCX7	3	2	7.708816	0.014653	1.633725	37C	31C	Phenylalan	89766.42	66715.28	85222.75	138932.2	143696.4	112249.8	89766.42	118035.9	75626.23	77859.25	337466.8	115089.4	x	x
G3I886	1	1	6.762461	0.014672	1.689401	31C	37C	TRM112-lik	401511.6	454388.3	314088.7	250058.3	239330.6	203157.6	401511.6	803926.1	278720.7	140135.6	562060.7	208296.8	x	x
G3HTE6	2	2	4.946024	0.014695	1.519944	31C	37C	Eukaryotic	918534.3	878298.8	750880.8	487566.4	541944.5	646678.8	918534.3	1553929	666327.8	273237.9	1272740	663037.9	x	x
G3H256	1	1	2.597929	0.014705	2.039025	31C	37C	26S protea	411742.6	430447.8	456907.9	166613	177459	293045.5	411742.6	761569.4	405457.7	93371.85	416757	300458.7	x	x
G3HGU1	1	1	1.746373	0.014746	8.354355	31C	37C	G/T misma	160085.3	160537.7	127005.9	32927.01	4530.799	16122.49	160085.3	284031.1	112704.4	18452.68	10640.44	16530.35	x	x

G3H5V1	1	1	2.295066	0.014849	1.737269	31C	37C	39S ribosor	134068.5	121104.9	91169.27	64882.03	59748.63	74729.76	134068.5	214264.8	80903.14	36360.65	140317.8	76620.2	x	x
G3HJC9	1	1	2.035825	0.014886	12.31498	31C	37C	Leucine-ric	96248.37	100532	69850.24	15197.91	5127.178	1325.829	96248.37	177866.2	61984.75	8517.084	12041.02	1359.369	x	x
G3GXX7	1	1	4.428869	0.014914	4.304613	31C	37C	Tyrosine-pr	363199.6	382649	269995.3	74972.1	35274.55	125742.9	363199.6	677001.4	239592.4	42015.24	82841.21	128923.8	x	x
G3HB62	2	2	5.715475	0.015013	2.104743	31C	31C	ATP-bindin	29193.58	24552.22	29542.74	49119.18	47187.36	78994.46	29193.58	43438.99	26216.07	27526.96	110818.1	80992.78	x	x
G3HC31	4	4	12.14148	0.015201	2.375025	31C	37C	Protein S1(	44293645	48638892	51082008	20810437	27036928	12789694	44293645	86054310	45329911	11662412	63495408	13113235	x	x
G3I4K4	1	1	3.258795	0.015392	1.633499	31C	37C	Copper cha	558967.3	547148.3	633720.3	323150.3	439413.4	302534.2	558967.3	968041.6	562360.1	181097.2	1031949	310187.4	x	x
G3HTD0	1	1	3.266833	0.015535	1.831063	37C	31C	Ribonuclea	100825.8	97507.37	73074.87	139215.2	201150.2	156599.8	100825.8	172514.8	64846.26	78017.85	472395.3	160561.3	x	x
G3HIH0	1	1	3.512404	0.015681	2.044879	37C	31C	EMC7 | EM(	52875.31	80137.05	55679.71	128443.8	155228.1	102180.6	52875.31	141782.4	49409.89	71981.4	364548.5	104765.5	x	x
G3HLY0	1	1	1.91196	0.015904	1.570495	37C	31C	Tubulin gar	58926.59	71577.05	50396.88	102992.7	95201.8	85908.81	58926.59	126637.6	44721.93	57718.33	223578.5	88082.05	x	x
G3GSS6	1	1	2.386906	0.015918	1.624684	31C	37C	CASP8-ass	1159138	1479424	1225745	759484.8	942188.6	676823.2	1159138	2617469	1087719	425624.2	2212701	693944.8	x	x
G3HKX9	1	1	2.677165	0.015996	2.143038	37C	31C	Polypeptid(	30005.69	35660.13	36021.7	50688.76	91355.11	75876.33	30005.69	63091.65	31965.47	28406.57	214544.7	77795.77	x	x
G3GZ21	3	3	10.42135	0.016198	1.700359	31C	37C	Peroxisom	223810.4	233889.2	223641.4	133189.5	164785.9	102728.7	223810.4	413808.2	198458.2	74640.97	386994.7	105327.4	x	x
G3GVP9	1	1	3.251881	0.016498	7.072271	31C	37C	Cell divisio	52038.11	51243.14	49915.82	5404.273	1998.94	14258.44	52038.11	90661.87	44295.04	3028.618	4694.45	14619.14	x	x
G3GRW1	2	2	4.989891	0.016726	1.521351	31C	37C	Cytochrom	1154042	1346444	1161561	711452.3	734751.6	960897.8	1154042	2382194	1030763	398706.2	1725542	985205.6	x	x
G3GWT7	3	3	12.08435	0.016729	1.680556	31C	37C	Guanine nu	300209.2	287367.3	293780.2	133255.2	179903.2	211285.3	300209.2	508424.2	260699	74677.78	422497.2	216630.1	x	x
G3HKE3	1	1	2.729034	0.016831	1.95338	31C	37C	S-adenosyl	124260	118981.5	95592.15	74419.31	43727.89	55313	124260	210508	84827.98	41705.45	102693.6	56712.26	x	x
G3GYX8	1	1	3.19922	0.016868	2.297754	31C	37C	F-box only |	51866.4	34590.45	37063.94	24408.04	15637.4	13711.75	51866.4	61199.12	32890.35	13678.55	36723.97	14058.62	x	x
G3I4L6	10	10	35.48167	0.016929	2.122539	37C	31C	Pyruvate ca	106768	98473.83	120605	255843.6	277379.7	158399.6	106768	174224.7	107024.3	143377.7	651417.7	162406.6	x	x
G3I923	1	1	2.772325	0.017164	2.066869	37C	31C	AP comple:	15532.89	18931.69	12610.68	40636.89	31723.86	24937.64	15532.89	33494.87	11190.65	22773.39	74502.53	25568.49	x	x
G3I3G7	1	1	2.462354	0.01721	4.417041	31C	37C	Epidermal (	67904.74	65106.52	49039.99	21444.99	14209.97	5560.707	67904.74	115189.6	43517.83	12018.02	33371.68	5701.376	x	x
G3IKT2	2	2	4.561518	0.017251	1.970106	37C	31C	THO compl	15606.81	13858.95	11754.52	29870.67	19749.51	31588.13	15606.81	24519.93	10430.9	16739.87	46381.13	32387.21	x	x
G3HQT0	2	2	5.420669	0.01729	2.429775	31C	37C	Proteasom	624533.9	571996.8	597607.6	264121.9	327100.8	147174.1	624533.9	1012005	530313.9	148017	768186.3	150897.1	x	x
G3H5P9	3	3	10.05798	0.017306	1.915507	31C	37C	RNA helica	106415.3	100311.2	82865.04	59755.47	36471.7	54955.49	106415.3	177475.5	73534.01	33487.66	85652.69	56345.7	x	x
G3H6Y5	2	2	13.18056	0.017533	1.506673	37C	31C	Peptidylpro	1102732	1082628	1187502	1459681	2030353	1591767	1102732	1915439	1053783	818022.5	4768222	1632034	x	x
G3H2I1	1	1	2.178318	0.017787	10.28073	37C	31C	Beta,beta-(	778.1582	908.4405	2230.781	25378.1	9881.044	5014.388	778.1582	1607.258	1979.584	14222.18	23205.33	5141.237	x	x
G3ICW1	2	2	13.7851	0.017798	1.774437	31C	37C	Osteoclast	622849	516277.9	576722.7	388852.6	337158	240971.7	622849	913424.2	511780.8	217917.5	791805.5	247067.5	x	x
G3GSL3	1	1	2.243001	0.017824	2.222639	37C	31C	WD repeat-	64651.93	78855.93	46089.64	149668.4	165856.3	105882.1	64651.93	139515.8	40899.71	83875.95	389508.4	108560.6	x	x
G3HJA4	3	3	11.45711	0.017891	1.562127	31C	37C	26S protea	382512.4	371345.3	309785.8	225653.7	265058	190182.8	382512.4	657002.3	274902.3	126459	622480.8	194993.9	x	x
G3HMB4	12	12	49.88547	0.018039	1.7665	37C	31C	2-oxoglutar	596288.2	737072.1	802222.8	1169037	1550984	1052486	596288.2	1304064	711888.3	655142.2	3642439	1079111	x	x
G3IDS3	7	7	19.94071	0.018228	1.605005	37C	31C	Putative he	55898.6	51694.76	62705.9	73833.86	106444.3	93053	55898.6	91460.91	55644.9	41377.36	249981.2	95406.96	x	x
G3HUM2	1	1	3.925424	0.018238	1.669227	31C	37C	F-box only |	145868.7	121319.2	178535.8	96046.42	93651.7	77325.86	145868.7	214643.8	158431.8	53825.54	219938.2	79281.97	x	x
G3IAE3	1	1	5.11311	0.018308	1.676802	31C	37C	UPF0568 p	158005.2	210574.7	210894.5	95184.6	120413.8	129984.5	158005.2	372559	187146.7	53342.56	282788.3	133272.7	x	x
G3IEG3	1	1	4.187904	0.0184	1.626779	37C	31C	Ribosyldihy	114229	143816.2	147195.4	212088.8	260201	186947.3	114229	254446.6	130620.4	118857	611074.1	191676.5	x	x
G3I0I7	1	1	1.976999	0.01843	1.527302	37C	31C	S-methyl-5	327674.5	379583.2	320968.5	472471	626984.7	470956.7	327674.5	671577.3	284825.8	264778.3	1472455	482870.5	x	x
G3HWE1	1	1	2.603143	0.018527	1.815637	37C	31C	ERO1-like p	205136.5	241572.6	181798	405477.9	444853.9	290808.7	205136.5	427402	161326.6	227234.6	1044726	298165.3	x	x
G3HNV4	2	2	14.24201	0.018536	1.617159	37C	31C	Triosephos	2776457	2830116	3197166	4107928	5877250	4251867	2776457	5007181	2837149	2302131	13802543	4359427	x	x
G3H4P8	3	3	6.424774	0.01855	2.074304	31C	37C	WW domai	57603.37	49355.91	46245.31	33814.79	17845.78	22197.74	57603.37	87322.89	41037.85	18950.2	41910.28	22759.28	x	x
G3H3W4	3	3	8.03371	0.018645	1.89737	37C	31C	Insulin-deg	18132.18	26037.22	29030.34	47404.08	38520.83	52962.07	18132.18	46066.33	25761.38	26565.8	90465	54301.85	x	x
G3HF56	1	1	9.8827	0.018651	1.949892	31C	37C	Calponin | (	637278.6	497844.3	598566.4	324171.2	209214.6	355734.7	637278.6	880810.5	531164.7	181669.3	491334.1	364733.8	x	x
G3IFV2	1	1	4.177682	0.01873	2.590144	31C	37C	EXOC1 | EX	144112.8	106186.5	124327	51637.29	28326.07	64671.99	144112.8	187870.4	110327.1	28938.14	66522.92	66308	x	x
G3HGS2	4	4	14.04117	0.019114	1.941534	37C	31C	Propionyl-(	98959.73	101632.7	107658.2	201618.2	253586.6	143274.3	98959.73	179813.6	95535.35	112989.2	595540.5	146898.7	x	x
G3HM30	2	2	6.66687	0.019116	1.639537	31C	37C	Zinc finger	71136.18	83283.33	58582.84	37161.31	43938.46	48816.42	71136.18	147348.9	51986.11	20825.63	103188.1	50051.33	x	x
G3H1Z4	3	3	10.25088	0.019234	1.63767	37C	31C	DnaJ-like s	175245.8	196247.4	200055.7	263556.6	389161.4	283290.7	175245.8	347210.4	177528.4	147700.2	913933.7	290457.1	x	x
G3GS17	1	1	2.305648	0.019656	2.16825	31C	37C	Transporte	98576.02	98413.57	58210.5	46073.09	32938.77	38686.8	98576.02	174118.1	51655.69	25819.9	77355.7	39665.47	x	x
G3HLY8	1	1	2.415215	0.019749	1.890694	37C	31C	Coiled-coil	109377.2	100200.2	126527	257945.4	222033.9	155491.3	109377.2	177279	112279.4	144555.6	521439.9	159424.8	x	x
G3HUR1	1	1	2.586284	0.01982	1.648726	37C	31C	Signal reco	91097.17	103643.4	107805.4	140324.6	207244	151247	91097.17	183371.1	95665.92	78639.53	486706.2	155073	x	x
G3HKG8	1	1	4.02741	0.020018	1.761398	31C	37C	40S ribosor	3189039	3398146	4153525	1637504	1896384	2563946	3189039	6012166	3685817	917676.2	4453600	2628806	x	x
G3HW13	1	1	3.65987	0.020142	3.97429	31C	37C	Torsin-3A |	68748.62	103884.9	52316.95	8979.254	21685.95	25936.21	68748.62	183798.2	46425.79	5032.079	50928.81	26592.32	x	x
G3H2J8	6	6	28.40006	0.020274	1.542595	37C	31C	Heterogene	1658310	1541843	1457736	2494615	1927164	2763454	1658310	2727904	1293587	1398012	4525886	2833361	x	x
G3HQQ7	1	1	3.076659	0.020286	4.721907	31C	37C	Serine/thre	82768.25	71303.32	45164.21	17004.52	5455.75	19733.65	82768.25	126153.3	40078.49	9529.533	12812.66	20232.85	x	x
G3HB42	3	3	13.46347	0.020363	1.520737	31C	37C	Heme-bind	469046	439008	431495	355517.1	284618.9	240719.1	469046	776714.4	382906.4	199235.9	668419	246808.5	x	x
G3GUG5	1	1	3.40662	0.020512	1.795483	31C	37C	NHL repeat	69703.72	88579.85	89898.35	34524.31	54197.36	49504.05	69703.72	156719.8	79775.33	19347.83	127280.9	50756.36	x	x
G3HEY9	2	2	5.603318	0.020566	3.314793	31C	37C	Catenin alp	63967.95	49653.81	47768.28	16024.38	7829.962	24833.48	63967.95	87849.96	42389.33	8980.252	18388.43	25461.69	x	x
G3H3R6	1	1	3.589656	0.020697	2.224349	37C	31C	Kinesin-like	17151.85	20033.67	19402.38	29354.73	38226.53	58289.98	17151.85	35444.55	17217.57	16450.73	89773.86	59764.54	x	x

G3I782	2	2	10.403	0.02071	1.586338	31C	37C	Heterogene	421690.3	349130.3	311603.9	266405.3	218308.1	197628.5	421690.3	617698.5	276515.7	149296.6	512690.1	202627.9	x	x
G3HZG2	2	2	10.47751	0.020996	1.514366	31C	37C	Casein kina	769834	813933.6	629636.8	431579.9	463703.5	566320.9	769834	1440051	558736.4	241862.4	1088994	580647.1	x	x
G3HPP3	1	1	4.191503	0.021134	1.901092	37C	31C	MGST3 | M(	682793.3	898952.5	589083	1615289	1069076	1442579	682793.3	1590471	522749.2	905227.1	2510693	1479072	x	x
G3GZN6	1	1	6.511916	0.021158	1.677376	37C	31C	Zinc finger	14246.23	15723.68	12453.65	24883.9	27731.17	18545.2	14246.23	27819.1	11051.31	13945.23	65125.82	19014.34	x	x
G3HX62	2	2	4.555288	0.021186	4.443923	37C	31C	Rac GTPas	8449.372	4251.654	8252.978	38943.52	14877.18	39297.28	8449.372	7522.234	7323.65	21824.4	34938.6	40291.39	x	x
G3HBG8	3	3	10.84645	0.021415	1.588191	37C	31C	Calmodulir	500586.1	558755.4	539786.6	992649.3	665961.2	881109.6	500586.1	988577.4	479003.9	556292.3	1563990	903399	x	x
G3H8W5	6	6	33.10288	0.021841	1.76224	37C	31C	6-phospho	556395.6	587220.7	514477.5	946182.9	1230865	744910.8	556395.6	1038940	456544.7	530251.9	2890649	763754.8	x	x
G3IGH6	3	3	8.869469	0.021972	1.920946	37C	31C	Transcriptic	43328.2	41147.79	28656.73	90935.32	60710.12	65676.44	43328.2	72800.68	25429.83	50961.21	142575.9	67337.86	x	x
G3I591	2	2	5.167508	0.022658	1.833331	31C	37C	Protein Rec	91442.08	97224.13	63422.57	54286.49	38551.67	44665.02	91442.08	172013.7	56280.86	30422.79	90537.42	45794.91	x	x
G3GYP7	4	4	13.34677	0.02279	1.500049	31C	37C	AKR1A1 | A	476580.7	523733.9	570729	344133	413282.4	289912.5	476580.7	926615.7	506462	192856.1	970581.2	297246.5	x	x
G3I956	1	1	3.177044	0.023143	5.264451	31C	37C	DnaJ-like s	139583.5	121863	105926.9	36476.39	6767.982	26539.41	139583.5	215606	93998.95	20441.79	15894.4	27210.78	x	x
G3HTR9	1	1	2.581355	0.023144	1.521544	37C	31C	Malic enzy	98546.27	119463.9	126391.2	171439.9	203180	149402	98546.27	211361.3	112158.9	96076.92	477162.2	153181.4	x	x
G3H3P8	3	3	11.24843	0.023196	6.521385	37C	31C	Beta-hexos	26149.58	27378.58	33269.7	215795.1	287776	62471.24	26149.58	48439.53	29523.36	120934.1	675833.1	64051.58	x	x
G3HYP3	1	1	1.959919	0.023215	1.506371	31C	37C	Protein FAI	11265.04	15209.8	10866.7	8645.219	7745.674	8398.173	11265.04	26909.92	9643.052	4844.882	18190.48	8610.622	x	x
G3IP49	1	1	2.991872	0.023307	2.384572	37C	31C	Endoplasm	19507.89	8368.44	12500.35	30507.23	37369.42	28404.45	19507.89	14805.85	11092.75	17096.61	87760.95	29123	x	x
G3GV42	3	3	18.08912	0.023413	3.717006	37C	31C	Asparagin	72771.47	55800.57	70204.43	120171.1	373553.1	245129.2	72771.47	98725.1	62299.05	67345.26	877278.2	251330.2	x	x
G3IBS8	2	1	4.164012	0.023483	7.812064	31C	37C	Regulator c	34308.8	24395	22458.34	7783.477	733.9253	1871.932	34308.8	43160.83	19929.41	4361.951	1723.601	1919.286	x	x
G3I0D8	2	2	6.841941	0.023625	1.853923	37C	31C	NADH-cyto	645234.9	668439.6	659541.6	1152450	1601121	904620	645234.9	1182636	585273.8	645846.3	3760185	927504.2	x	x
G3GTV9	1	1	3.630614	0.02368	1.82216	31C	37C	VPS26B | V	213665	148532.3	182283.8	75332.48	117367.4	106111	213665	262790.7	161757.7	42217.2	275633.8	108795.3	x	x
G3I6H4	1	1	2.198488	0.024279	1.590507	37C	31C	Phospholip	20650.54	21681.97	23737.19	37080.77	27262.02	40741.5	20650.54	38360.8	21064.26	20780.5	64024.03	41772.14	x	x
G3HXB0	1	1	3.120422	0.024303	4.129622	31C	37C	Protein FAI	121806.6	116968.3	106188.2	31773.23	42010.6	9749.991	121806.6	206946	94230.84	17806.09	98660.63	9996.637	x	x
G3GZI8	1	1	3.633761	0.024562	3.315042	31C	37C	Phosphoin	50470.07	27464.65	25635.78	9570.825	15616.43	6055.34	50470.07	48591.81	22749.06	5363.602	36674.71	6208.522	x	x
G3I2Y1	2	2	5.894681	0.025088	1.819027	37C	31C	Aspartate a	374241.6	381787.7	316257.3	725447.6	758154.5	466915.7	374241.6	675477.5	280645.1	406549.3	1780503	478727.3	x	x
G3GWZ6	1	1	3.495682	0.025113	1.676479	31C	37C	Nucleoside	176852.7	194452.7	155063.1	100395.1	131648.2	81929.38	176852.7	344035.3	137602.2	56262.56	309171.8	84001.95	x	x
G3HRR5	1	1	6.333314	0.025232	2.157825	37C	31C	ELAV-like p	216272.5	280343.6	261230.5	354472.5	629832.3	650995.8	216272.5	495997.7	231814.6	198650.5	1479142	667464.1	x	x
G3H8H7	3	3	7.8057	0.025432	1.608652	37C	31C	DnaJ homo	44963.44	45511.02	51159.47	79248.49	89873.28	58718	44963.44	80520.32	45398.65	44411.78	211064.7	60203.39	x	x
G3HR95	1	1	4.196834	0.025565	2.337657	37C	31C	Carboxype	33225.1	23641.24	38211.4	53503.94	66015.72	102739.4	33225.1	41827.23	33908.6	29984.23	155035.9	105338.4	x	x
G3HCJ1	1	1	6.293438	0.025652	1.770637	37C	31C	Lon protea	593965.9	464907.9	730358.8	1147697	1170578	849806.2	593965.9	822537.8	648116.6	643182.7	2749068	871303.8	x	x
G3I973	15	15	74.67096	0.025828	1.840393	37C	31C	Hypoxia up	2853172	2956234	3277908	5635227	7069438	4019568	2853172	5230315	2908799	3158047	16602362	4121251	x	x
Q6V9Y0	1	1	3.833791	0.026073	2.930034	37C	31C	AP-3 comp	32537.26	25670.28	12377.45	82506.17	74116.67	50193.6	32537.26	45417.11	10983.69	46237.42	174060.8	51463.35	x	x
G3IBQ9	1	1	2.166335	0.026397	1.658777	37C	31C	Phenylalan	106200.5	106209.3	81723.11	156653.8	198385.6	132861.6	106200.5	187910.8	72520.67	87790.6	465902.5	136222.6	x	x
G3H9S0	3	3	10.60089	0.026438	1.504348	37C	31C	Protein Nib	125412.9	102726.2	138321.8	200467.3	195422.2	155395.4	125412.9	181748.3	122746.1	112344.2	458943.2	159326.4	x	x
G3H194	4	3	10.21968	0.026553	1.718078	37C	31C	Clathrin lig	181113.6	185153.9	209571.3	296557.2	428137.7	264641.2	181113.6	327583.4	185972.5	166194.1	1005469	271335.8	x	x
G3I1E0	3	3	12.10586	0.026953	2.176885	37C	31C	Propionyl-(	98191	85530.34	117702.2	260790.2	253801.7	141572.3	98191	151324.5	104448.3	146149.9	596045.5	145153.7	x	x
G3H7Z2	2	2	7.805451	0.027156	2.086096	31C	37C	Transgelin	190799	249905.8	286017.4	88193.83	97877.39	162293.5	190799	442145.5	253810.4	49424.85	229862.1	166399	x	x
G3HTW9	1	1	2.044702	0.027508	5.079944	31C	37C	Exocyst co	9408.255	9279.112	8153.345	2086.58	469.8725	2727.211	9408.255	16417.06	7235.236	1169.344	1103.481	2796.201	x	x
G3H7T9	8	7	24.10999	0.027533	1.612696	31C	37C	E3 ubiquiti	382103.5	314508.6	305138.5	235135.2	158814.4	227215.7	382103.5	556444	270778.3	131772.5	372970.9	232963.6	x	x
G3I1H5	2	2	16.93535	0.027551	2.089504	37C	31C	LGMN | LGI	664806.5	489794.9	821158.2	1812374	1072555	1243428	664806.5	866569.1	728691.6	1015676	2518863	1274883	x	x
G3HEJ5	1	1	2.859518	0.027719	2.016343	37C	31C	ADP-depen	28230.14	28064.26	35736.11	73971.85	70001.52	41591.69	28230.14	49652.67	31712.04	41454.69	164396.5	42643.84	x	x
G3IIG1	1	1	2.862978	0.02786	186.3158	31C	37C	Carboxylic	244817.2	203382	280733.2	0	0	3912.348	244817.2	359833.4	249121.2	0	0	4011.319	x	x
G3HP48	1	1	3.011523	0.027869	2.084398	31C	37C	Exosome c	64230.72	67948.14	50167.57	39030.23	19120.41	29330.93	64230.72	120217.2	44518.44	21873	44903.71	30072.91	x	x
G3HN81	1	1	1.916826	0.027874	1.844567	31C	37C	Peptidyl-pr	44124.57	44417.64	31250.58	28102.46	19053.78	17787.36	44124.57	78585.87	27731.6	15748.95	44747.22	18237.33	x	x
G3H459	1	1	3.212231	0.027909	1.90857	31C	37C	Cation-trar	115296.2	106365.3	87739.65	39009.92	73054.45	50047.09	115296.2	188186.6	77859.71	21861.62	171566.2	51313.13	x	x
G3H8W6	4	3	21.6217	0.028	1.802757	37C	31C	Autoimmur	471657.8	511996.3	530201.9	901073.7	1166098	661942.1	471657.8	905848.9	470498.5	504972.2	2738547	678687.3	x	x
G3HIQ0	4	4	15.65268	0.028083	1.606767	37C	31C	Threonyl-tF	142844.8	170527.6	154968.9	218364	317804.5	216346.9	142844.8	301705.8	137518.6	122373.7	746354.2	221819.9	x	x
G3GR93	4	3	10.37569	0.028141	1.534474	31C	37C	Nucleolar (	192451.4	177369.6	148640.2	122486.6	90644.68	124744.3	192451.4	313811	131902.6	68642.9	212876.3	127899.9	x	x
G3IC16	1	1	1.954683	0.02822	2.368281	37C	31C	Cysteine-ri	161790.7	201622.6	162111.7	415485.9	571411	257693.9	161790.7	356720.5	143857.1	232843.2	1341942	264212.8	x	x
G3IKR0	1	1	6.057826	0.028236	1.936347	37C	31C	dCTP pyrop	175721.2	231346.9	228681.4	294452.6	526098.2	410480.6	175721.2	409310.3	202930.7	165014.7	1235526	420864.5	x	x
G3I1Q8	1	1	3.419335	0.028305	1.664153	37C	31C	Probable tF	99381.87	69562.18	73462.7	124059.5	163154.9	116187.5	99381.87	123072.8	65190.42	69524.42	383164.3	119126.7	x	x
G3HP55	1	1	1.869055	0.028456	10.24285	37C	31C	Uncharacte	41848.89	6033.276	91281.14	563008.9	547310.4	315109.1	41848.89	10674.37	81002.41	315516.8	1285342	323080.5	x	x
G3HRA9	1	1	1.930003	0.028671	2.041591	31C	37C	Serine/thre	571370.3	509248	391439.1	338550	194343.1	188141.2	571370.3	900986.5	347361	189727.4	456408.9	192900.6	x	x
G3GVW0	1	1	3.313843	0.028732	1.794933	37C	31C	Uncharacte	22975.43	21570.16	16041.93	30527.16	31845.98	46377.42	22975.43	38162.98	14235.53	17107.77	74789.33	47550.63	x	x
G3I4G0	4	3	17.55355	0.028942	2.186776	31C	37C	EH domain	136549.9	147303	147701.1	61542.9	95767.89	40036.33	136549.9	260615.7	131069.2	34489.36	224908	41049.13	x	x
G3HDC9	1	1	2.25879	0.029999	1.607932	31C	37C	Pumilio do	84289.48	73528.67	56952.52	48329.15	37405.22	47835.1	84289.48	130090.5	50539.37	27084.22	87845.03	49045.18	x	x

G3HHN0	1	1	1.867908	0.03026	2.682667	31C	37C	31C	39S ribosor	132523	99262.88	60810.49	49132.33	25504.12	34432.77	132523	175620.8	53962.92	27534.33	59895.64	35303.82	x		x	
G3IH34	2	2	6.863679	0.030692	1.736548	37C	31C		Apoptosis i	125542.9	126637.2	80266.25	207527.3	208627.5	161154.2	125542.9	224052.7	71227.86	116300.7	489955.4	165231	x		x	
G3I6U8	2	2	5.859787	0.030864	2.010771	37C	31C		LEM domai	39721.69	33737.92	50393.67	96275.13	95772.65	56992.75	39721.69	59690.79	44719.09	53953.71	224919.2	58434.5	x		x	
G3IAL3	1	1	2.587083	0.030882	1.937027	37C	31C		Mortality fa	31016.56	37859.12	25316.05	20013.28	11314.06	17299.61	31016.56	66982.22	22465.33	11215.68	26570.73	17737.24	x		x	
G3IC31	1	1	6.11636	0.031116	2.311912	31C	37C		26S protea	170193.5	202341.1	139162.2	65993.12	46043.94	109293.6	170193.5	357991.8	123491.9	36983.32	108132.8	112058.4	x		x	
G3HL97	1	1	2.854188	0.031314	3.620885	31C	37C		RAP2B |	98582.41	92652.8	71571.07	46542.21	15568.96	10469.5	98582.41	163925.9	63511.8	26082.8	36563.23	10734.35	x		x	
G3H4F5	1	1	1.747902	0.031391	56.7074	31C	37C		Myosin-IXb	12203.41	10689.48	7832.098	0	0	541.8162	12203.41	18912.35	6950.164	0	0	555.5225	x		x	
G3HSW8	1	1	4.308938	0.031437	1.594572	37C	31C		Translocon	635507.7	659884.1	587007.3	1048987	1193067	759567.3	635507.7	1167499	520907.3	587864.4	2801882	778782	x		x	
G3H653	1	1	3.82863	0.031545	2.197375	31C	37C		Enhanced a	193221	160118.6	165658.6	110685	46267.95	79237.15	193221	283289.8	147004.6	62029.19	108658.9	81241.61	x		x	
G3H697	5	5	20.75545	0.032009	1.575198	37C	31C		Glucosidas	553060.8	552563.5	605464.1	835306.5	1134642	725353.9	553060.8	977622.3	537285.7	468115.5	2664674	743703.2	x		x	
G3H284	4	4	14.87511	0.032461	1.537869	37C	31C		Endoplasm	1025242	980864.2	1057985	1427322	1980834	1304015	1025242	1735393	938850.2	799887.9	4651929	1337002	x		x	
G3HD12	3	3	10.22599	0.03265	1.599678	37C	31C		cAMP-depe	161769.6	193862.3	139902.1	235777.7	325367.2	231550	161769.6	342990.8	124148.4	132132.6	764115	237407.5	x		x	
G3GXZ0	4	4	15.58962	0.032814	2.18499	37C	31C		Protein-glu	228060.1	210869.2	271141.6	505262.8	712229.9	334005.1	228060.1	373080.1	240609.7	283155.2	1672650	342454.4	x		x	
G3H331	2	2	8.734662	0.033149	2.080191	37C	31C		Ras GTPas	45913	59293.33	52046.23	80366.68	156191.2	90557.42	45913	104904.7	46185.55	45038.43	366810.3	92848.25	x		x	
G3HEY8	1	1	5.67331	0.033348	16.52246	37C	31C		Nucleotide	4406.071	1151.179	13964.98	74498.23	218396.5	29660.43	4406.071	2036.722	12392.45	41749.68	512897.6	30410.75	x		x	
G3H904	1	1	1.737925	0.03337	2.648878	37C	31C		Transcriptio	15847.9	9136.906	9572.634	36886.48	17833.81	36818.15	15847.9	16165.46	8494.706	20671.61	41882.16	37749.54	x		x	
G3I3H9	2	2	3.799972	0.033503	2.124054	37C	31C		Chitinase d	24822.06	23972.21	24350.62	59240.47	64320.02	31803.21	24822.06	42412.81	21608.62	33199.05	151053.6	32607.74	x		x	
G3HM82	2	2	6.022975	0.034251	2.888656	37C	31C		Sister chro	5581.44	7659.598	6560.739	11721.2	14465.66	31013.66	5581.44	13551.74	5821.966	6568.696	33972.17	31798.22	x		x	
G3I4C0	1	1	2.120131	0.034315	6.549182	31C	37C		Deoxycytid	96347.51	88277.53	69654.17	6431.805	2225.997	30168.3	96347.51	156184.9	61810.76	3604.459	5227.687	30931.47	x		x	
G3HJT1	1	1	3.148386	0.034423	2.452503	31C	37C		Coiled-coil	115495.4	110929.9	121666.9	35912.56	27368.77	78652.09	115495.4	196262.6	107966.6	20125.82	64274.73	80641.76	x		x	
G3H635	1	1	2.712152	0.034874	1.575838	31C	37C		Serine paln	40935.74	42900.05	28242.41	25923.09	22221.82	22978.02	40935.74	75900.87	25062.17	14527.6	52187.27	23559.29	x		x	
G3I419	1	1	3.984587	0.035023	71.33307	37C	31C		tRNA pseu	821.4199	0	0	9833.7	39123.61	9637.096	821.4199	0	0	5510.92	91880.61	9880.886	x		x	
G3HTZ8	2	1	4.912288	0.035198	2.735497	31C	37C		Dual specif	107612.9	83952.76	70720.8	45562.5	15458.74	34861.29	107612.9	148533.3	62757.27	25533.76	36304.37	35743.18	x		x	
G3HEI6	1	1	2.569292	0.035564	6.510697	37C	31C		Lysyl oxida	22706.99	18018.41	14315.27	114968.7	207523.9	35860.58	22706.99	31879.06	12703.3	64429.79	487363.5	36767.75	x		x	
G3GRD4	1	1	2.216214	0.035749	2.025131	31C	37C		MOSC dom	57243.79	51769.57	55610.84	33524.98	15864.3	31901.37	57243.79	91593.27	49348.78	18787.79	37256.84	32708.38	x		x	
G3HC77	1	1	2.601811	0.03593	1.651593	31C	37C		Cell divisio	542693.4	471948.4	411940.3	376314.5	235498.7	251947.9	542693.4	834994.2	365553.7	210891.1	553061.6	258321.5	x		x	
G3HJS5	1	1	3.523416	0.035947	3.870671	31C	37C		Reticulon-4	91817.36	100230.7	102935.1	9147.154	52911.03	14151.63	91817.36	177333.1	91344.04	5126.172	124260	14509.62	x		x	
G3IHK4	2	2	6.907306	0.035989	1.643256	37C	31C		Eukaryotic	60037.29	59738.96	64777.35	96947.55	129411.2	76910.1	60037.29	105693.1	57483.09	54330.54	303918.4	78855.7	x		x	
G3HFY6	1	1	9.584419	0.036297	1.547453	37C	31C		Stromal cel	281225	272635.7	248285.2	477071.2	450222.3	313989.4	281225	482360.4	220327	267356.3	1057333	321932.4	x		x	
G3HRP7	1	1	4.469424	0.036737	4.058075	31C	37C		Serine/thre	108693.7	114319.4	113247.5	8472.143	18141.59	56248.34	108693.7	202259.4	100495.2	4747.888	42604.98	57671.26	x		x	
G3GY37	3	3	13.21601	0.036796	1.827461	37C	31C		60S ribosor	108761.5	98370.38	80236.64	166713.3	129010.6	229430.9	108761.5	174041.7	71201.58	93428.06	302977.4	235234.9	x		x	
G3IKS9	2	2	9.475179	0.036904	1.58508	37C	31C		Glutaredox	242151.6	171743.5	221724.8	371913.2	267621.9	367973.5	242151.6	303857	196757.5	208424.5	628502	377282.1	x		x	
G3HKV9	1	1	3.815011	0.037059	1.856073	37C	31C		Group XV p	55375.02	36247.65	60655.47	104237.4	106547.9	71854.08	55375.02	64131.11	53825.35	58415.84	250224.6	73671.77	x		x	
G3HPL6	2	2	6.917535	0.037481	3.234265	31C	37C		BAT2 doma	91648.66	64135.26	66802.77	27405.23	8820.21	32595.97	91648.66	113471.2	59280.43	15358.21	20714	33420.55	x		x	
G3HYL1	2	2	7.766987	0.037575	2.274299	37C	31C		RNA polym	20111.94	24245.73	19526.72	56728.97	28264.84	60298.4	20111.94	42896.73	17327.91	31791.58	66379.12	61823.77	x		x	
G3I970	1	1	2.439511	0.037992	1.612191	37C	31C		Porphobilir	20210.16	21128.94	18860.78	36016.85	37372.12	23664.73	20210.16	37382.35	16736.96	20184.26	87767.3	24263.37	x		x	
G3HR92	1	1	2.043843	0.038344	1.638871	37C	31C		Golgi SNAP	62398.75	55902.68	76146.56	103190.8	131813.4	83671	62398.75	98905.76	67572.06	57829.32	309559.8	85787.63	x		x	
G3GXB9	2	2	8.422613	0.039067	2.217653	37C	31C		Pyrroline-5	61254.57	74903.16	72891.83	152563.6	216113.1	94922.75	61254.57	132522.3	64683.84	85498.41	507535.1	97324.02	x		x	
G3HT19	1	1	4.126462	0.039347	1.705479	31C	37C		Zinc finger	120450.3	125258.5	112872.9	82921.75	80402.36	46928.69	120450.3	221613.5	100162.8	46470.32	188822.5	48115.85	x		x	
G3IER2	1	1	2.336978	0.039431	2.65725	31C	37C		Cleavage a	45326.49	48261.89	42918.08	26012.17	7644.339	17714.82	45326.49	85387.3	38085.28	14577.52	17952.5	18162.95	x		x	
G3HSN5	1	1	2.009775	0.039517	2.529852	31C	37C		Ankyrin rep	19549.35	17668.33	14298.01	11325.58	5352.516	3685.029	19549.35	31259.67	12687.98	6346.99	12570.22	3778.25	x		x	
G3H492	1	1	2.37695	0.040375	2.99669	31C	37C		Uncharacte	86476.2	78325.26	46361.85	11117.8	24081.17	35266.54	86476.2	138576.9	41141.27	6230.543	56553.89	36158.68	x		x	
G3H8Q4	2	2	10.38508	0.040943	1.526465	37C	31C		Acidic leuc	501595.8	552520.8	510908.1	817693.4	961631.9	609629.4	501595.8	977546.8	453377.2	458245	2258363	625051.2	x		x	
G3IEB3	1	1	2.626067	0.041005	3.2947	31C	37C		OCIA doma	160657.2	170563.8	159962.6	47886.19	17174.6	84022.17	160657.2	301769.9	141950	26835.98	40334.03	86147.68	x		x	
G3HJS1	3	3	10.19002	0.041402	1.571998	31C	37C		Spectrin be	175259	187432.3	194787.3	98145	98484.07	158001.5	175259	331614.3	172853.2	55001.61	231286.9	161998.4	x		x	
G3GYJ5	4	4	12.93337	0.04143	1.743691	37C	31C		Cytoskelet	64935.9	58015.93	58417.96	110565.1	73372.42	132315.4	64935.9	102644.6	51839.8	61961.97	172312.9	135662.5	x		x	
G3GVF8	1	1	2.415285	0.041669	1.564718	37C	31C		Mitotic spir	24518.66	20970.85	30251.8	42574.48	44419.95	31519.33	24518.66	37102.65	26845.3	23859.23	104318.9	32316.68	x		x	
G3IIY3	1	1	3.287175	0.041777	1.561505	37C	31C		Beta-arrest	33962.88	25999.69	33665.34	41889.9	60951.72	43358.86	33962.88	45999.92	29874.45	23475.59	143143.3	44455.71	x		x	
G3HPN2	1	1	1.935494	0.042347	1.748932	37C	31C		Coiled-coil	234865.5	163746.6	233057.3	479023.1	298803.6	326920.3	234865.5	289708.5	206813.9	268450.1	701731.2	335190.4	x		x	
G3H4J1	1	1	2.704704	0.042358	4.743328	31C	37C		E3 ubiquitii	236528.1	218679.7	160524.8	35158.26	9688.152	84963.84	236528.1	386898.8	142448.9	19703.1	22752.33	87113.17	x		x	
G3HEJ8	1	1	3.696038	0.042412	3.372066	31C	37C		ADP/ATP tr	19270.56	11808.23	7659.661	4083.253	1847.033	5557.762	19270.56	20891.71	6797.143	2288.303	4337.7	5698.357	x		x	
G3HCQ6	1	1	2.233609	0.042553	1.756408	31C	37C		Uncharacte	42079.25	47067.62	29803.91	28776.74	18475.08	20472.06	42079.25	83274.34	26447.84	16126.82	43388.17	20989.94	x		x	
G3HEH4	1	1	3.050882	0.042816	1.767844	37C	31C		Dual specif	87479.25	79657.13	82727.55	102328	147998.4	191394	87479.25	140933.3	73412	57345.8	347569.9	196235.7	x		x	
G3GR85	1	1	4.579717	0.043562	1.751427	37C	31C		PITRM1 | PI	456282.8	519406.2	491894.4	729256.5	1177708	663401	456282.8	918958.9	436504.5	408683.9	2765811	680183	x		x	

G3HA24	2	2	12.16227	0.043922	1.669469	31C	37C	Heat shock	2275666	2975712	2616651	1239885	2125055	1347953	2275666	5264776	2322002	694846	4990628	1382052	x		x
G3IHC0	4	4	13.03925	0.044	1.66337	37C	31C	Isocitrate d	225333.5	221136.5	250912.2	376135.3	499192.2	284677.1	225333.5	391245.4	222658.2	210790.6	1172338	291878.6	x		x
G3HXV9	1	1	3.520085	0.044219	1.968182	37C	31C	Golgi-spec	39072.59	64367.99	63746.54	77370.91	118051.8	133632	39072.59	113883	56568.35	43359.56	277241.1	137012.5	x		x
G3HFH0	1	1	1.915149	0.044321	2.781945	31C	37C	Mediator of	15152.17	20230.73	8583.415	6658.268	3060.459	6085.435	15152.17	35793.2	7616.878	3731.371	7187.394	6239.378	x		x
G3HQI8	5	5	21.23083	0.04457	1.513517	31C	37C	Myosin-Vb	1431193	1637012	1602151	999990.6	1297804	787968.5	1431193	2896282	1421740	560406.4	3047853	807901.8	x		x
G3HXK8	6	6	26.08471	0.045156	1.525503	37C	31C	Prenylcyste	689836.1	632804.1	637793.8	885197.3	1282824	822626.3	689836.1	1119588	565974.9	496074.9	3012674	843436.3	x		x
G3HSQ5	1	1	4.025481	0.045171	7.570081	31C	37C	mRNA cap	39550.8	20987.05	47081.25	11157.55	2524.603	534.2158	39550.8	37131.31	41779.66	6252.824	5928.953	547.7299	x		x
G3H0V1	3	2	9.907467	0.045205	2.280088	31C	37C	Microtubul	46190	31435.84	45595.11	10279.03	16512.98	27250.18	46190	55617.83	40460.87	5760.487	38780.24	27939.53	x		x
G3I4D3	1	1	3.229723	0.045805	2.665103	31C	37C	FGFR1 onc	15154.14	9818.883	13142.81	8402.614	3395.411	2503.797	15154.14	17372.05	11662.86	4708.923	7974.02	2567.135	x		x
G3HJY1	1	1	1.753708	0.045806	1.756202	31C	37C	E3 ubiquiti	35336.01	37539.3	21113.19	18958.45	16675.22	17884.38	35336.01	66416.36	18735.74	10624.54	39161.24	18336.8	x		x
G3HS70	1	1	3.383439	0.046155	2.26946	37C	31C	Coronin |C	10939.34	17104.11	11393.72	25941.62	43856.69	19702.78	10939.34	30261.43	10110.73	14537.99	102996.1	20201.2	x		x
G3H042	1	1	2.095334	0.046277	3.117295	37C	31C	Condensin	5589.92	4810.847	5249.863	8724.984	11861.46	28201.17	5589.92	8511.586	4658.701	4889.583	27856.29	28914.58	x		x
G3GVN1	1	1	3.286529	0.0469	3.38777	31C	37C	Transmeml	111794.8	97661.52	68081.59	54188.5	17242.22	10492.76	111794.8	172787.5	60415.25	30367.87	40492.84	10758.19	x		x
G3IMH8	2	2	8.294682	0.047428	3.523396	37C	31C	Metastasis	14453.52	14710.14	24705.29	68127.49	94546.98	27127.18	14453.52	26025.89	21923.35	38179.44	222040.7	27813.41	x		x
G3I1Q3	1	1	4.710109	0.047704	4.990679	37C	31C	Tetratricop	9505.561	2853.362	3692.365	31368.84	9759.33	38978.66	9505.561	5048.308	3276.586	17579.47	22919.49	39964.7	x		x
G3H7V9	6	6	20.4712	0.048559	2.090429	31C	37C	DNA helica	237778.7	216111.1	214464.1	82083.21	65344.06	172293.6	237778.7	382354.3	190314.3	46000.39	153458.6	176652.1	x		x
G3HVB9	1	1	1.569054	0.048961	3.129608	37C	31C	U6 small nu	10521	3072.718	5009.7	25644.7	11367.41	21209.28	10521	5436.403	4445.582	14371.59	26696.02	21745.81	x		x
G3HH18	2	2	7.029165	0.049178	1.558775	37C	31C	ATP-depen	21154.84	22773.56	17003.5	26753.23	40179.28	28046.62	21154.84	40292.09	15088.82	14992.82	94359.83	28756.12	x		x
G3H2N7	2	2	5.652353	0.049395	1.506237	31C	37C	CLIP-assoc	198322.8	206742.1	157430	103759.6	113591.2	156093	198322.8	365778.2	139702.6	58148.1	266765.5	160041.7	x		x
G3GXH6	1	1	3.340661	0.049593	9.186689	31C	37C	Sterile alph	40777.18	49556.94	27967.23	318.6715	6784.121	5774.682	40777.18	87678.57	24817.98	178.5872	15932.3	5920.764	x		x
G3IG19	2	2	13.06814	0.049899	2.049188	37C	31C	HD domain	132488.8	134901.6	134802	276573.5	380105.8	167488.3	132488.8	238674.4	119622.6	154995	892667	171725.2	x		x
G3HRN5	1	1	3.171521	0.049906	1.815282	37C	31C	SPRY doma	27160.56	34848.08	25585.97	41776.59	73638.33	43593.95	27160.56	61654.93	22704.86	23412.09	172937.4	44696.75	x		x

										Normalized abundance												Raw abundance											
										31C						37C						31C						37C					
Accession	Peptide co	Unique pe	Confidenc	Anova (p)	Max fold ch	Highest me	Lowest me	Description	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_3	DP12_D4_37_C_
G3H7M8	2	2	12.53051	0.003161	1.501161	31C	37C	Heterogen	51295924	46065377	54319369	49188772	38836387	30873445	34156959	27721897	31003501	23835376	34011337	29517614	75673455	65407349	56056626	46953479	39244066	13407801	24351508	16562466	16116685	10481129	34011337	33720691	
G3H292	1	1	3.249815	0.007801	1.504384	31C	37C	Ataxin-2 (Fi	487263	474211.1	845832.4	840290.5	709383.5	713830.1	525396.2	501224.2	422125.2	383477.5	470209.3	403533.3	718826.5	673323.3	872884.1	802105.1	716830.1	310004	374570.5	299456.8	219435.2	168626.6	470209.3	460993.3	
G3HA18	2	2	4.465875	0.004774	1.506291	31C	37C	Huntingtin-	767431.6	878903.2	850268.4	985650.5	708739.1	657727.1	534873.1	633527.3	365405.2	410768.1	613838.8	660567	1132141	1247938	877461.9	940859.5	716179	285639.4	381326.8	378501.3	189950.2	180627.1	613838.8	754626.6	
G3I5H3	2	2	6.98419	5.73E-06	1.506662	31C	37C	Elongation	58265856	60739730	63581013	63511802	51394385	59319573	35303393	38638895	36555907	40065601	41904219	44355159	85955731	86243181	65614480	60625625	51933891	25761460	25168834	23084834	19003017	17618046	41904219	50670985	
G3HSE4	1	1	2.8707	1.98E-05	1.510664	31C	37C	Proteasom	3285119	3738233	3527524	3881801	3375445	3593100	1993755	2590134	2067971	2423997	2401922	2688982	4846317	5307845	3640342	3705400	3410878	1560421	1421407	1547477	1075002	1065904	2401922	3071872	
G3HRN0	6	6	24.79817	0.021872	1.511584	31C	37C	ATP synthe	34897763	31382567	51601866	55400001	32136869	51668424	33323932	37902373	23803496	33084975	21179146	20784335	51482343	44559507	53252212	52882450	32474221	22438698	23757618	22644798	12373875	14548455	21179146	23743862	
G3H9C9	1	1	4.891011	0.048908	1.513227	31C	37C	Transcripti	2158659	2556851	4137443	4442032	2924317	3265648	2157530	2712539	1058105	1582238	2157692	3208314	3184525	3630424	4269768	4240172	2955015	1418214	1538167	1620608	550039.4	695757.6	2157692	3665152	
G3HQQ2	1	1	2.614622	0.000882	1.513947	31C	37C	Phostensin	131338.3	116677.9	117543.9	126534.2	106595.8	117308	88949.7	101696.7	54946.44	70424.6	83708.22	73209.15	193754.7	165668.8	121303.2	120784.1	107714.7	50944.82	63414.87	60758.78	28563.05	30967.81	83708.22	83633.55	
G3HX42	1	1	2.176564	0.00012	1.514616	31C	37C	Translation	1359866	1338467	1275354	1169980	1197633	1325912	657751.4	895176.5	873718.5	1039353	740124	856025.7	2006119	1900464	1316143	1116812	1210205	575820.5	468930.5	534823.8	454188.9	457034.5	740124	977917	
G3I412	1	1	2.36146	0.024378	1.51584	31C	37C	45 kDa calc	3662610	2578268	2010224	2298888	2422804	2035697	1308392	1512258	1171933	1097053	2388454	2423017	5403204	3660834	2074516	2194419	2448237	884067.8	932791.4	903499.6	609210.8	482407.3	2388454	2768036	
G3HQL6	3	3	10.97083	0.000606	1.515988	31C	37C	Thioredoxii	31257027	29389496	37845125	37426328	25933266	33160852	21167048	23121600	23220014	25412748	17362952	18352611	46111407	41729583	39055498	35725557	26205497	14401182	15090615	13814015	12070561	11174747	17362952	20965879	
G3IH46	1	1	5.746381	0.000747	1.517036	31C	37C	Prothymos	22439972	25609034	30567922	28890296	26631881	23520223	14678326	19764312	14374910	15529187	16733823	22845309	33104193	36361778	31545554	27577430	26911446	10214424	10464613	11808201	7472572	6828649	16733823	26098302	
G3HP56	1	1	3.468267	0.001294	1.51715	31C	37C	Glucosami	2943494	3002010	4113062	4428634	4010110	4743277	2757158	2877800	2182858	2413431	2491090	2596247	4342341	4262497	4244607	4227383	4052206	2059923	1965660	1719344	1134725	1061258	2491090	2965932	
G3GWE9	1	1	2.193419	0.004096	1.517538	31C	37C	Solute carr	1689773	1594301	1508244	1544019	993703.9	1060347	1039373	1009158	739064.2	799910.4	935394.5	1006046	2492809	2263718	1556481	1473854	1004135	460490.3	740999.5	602922.4	384191	351744.6	935394.5	1149299	
G3INU6	4	4	11.54785	1.21E-06	1.51881	31C	37C	UDP-glucos	11943109	11582233	13069647	12405334	10331927	10597987	7829902	7454829	7447319	7332689	8058515	7919521	17618872	16445391	13487644	11841597	10440385	4602521	5582169	4453893	3871372	3224403	8058515	9047198	
G3IBF1	2	2	8.020619	0.001009	1.521619	31C	37C	Nucleopho	36927379	37642819	43951782	49198712	38461017	49637601	20839850	23889599	29488920	31798376	28097120	34009192	54476499	53448319	45357460	46962967	38864756	21556748	14857346	14272857	15329354	13982699	28097120	38851834	
G3HMV6	1	1	2.201168	0.000725	1.524758	31C	37C	Hydroxyme	1167307	1323451	1191192	1688418	1052696	1207442	807008.5	992762.8	655701.9	831240.2	810724.7	906965.9	1722050	1879143	1229290	1611691	1063746	524370.9	575340.3	593126.8	340856.4	365521.2	810724.7	1036111	
G3I5V6	3	3	7.973794	0.043035	1.525051	31C	37C	Mitotic che	1099042	1047740	1518438	1227824	1043451	600265.1	930776.8	501234.4	772167.7	416349.7	931124.8	734601.9	1621343	1487666	1567001	1172027	1054404	260684.7	663578.3	299462.8	401399.3	183081.4	931124.8	839203.4	
G3H9L2	1	1	2.002144	0.004177	1.526465	31C	37C	Ubiquitin c	261065.3	237745.9	221759.6	213840	209197.3	208357.7	172590.5	177740.3	95898.03	102221.9	165292.3	171940.8	385132.2	337570.9	228852	204122.4	211393.3	90486.11	123044.8	106191	49851.09	44950.03	165292.3	196423.9	
G3H2C6	3	3	13.61243	0.001847	1.526717	31C	37C	Voltage-de	8950945	8289189	12363328	12046958	7656904	8910325	7195569	7661510	5824275	6347482	5557745	5545997	13204732	11769661	12758736	11499506	7737281	3869599	5129934	4577374	3027658	2791178	5557745	6335704	
G3IM40	3	3	10.73881	2.55E-06	1.526814	31C	37C	26S protea	5510939	5514817	6317374	6240262	5085037	5864208	3864526	4038770	4041926	3372434	3678210	3621588	8129920	7830383	6519418	5956685	5138416	2546723	2755135	2412966	2101132	1482960	3678210	4137274	
G3IH79	1	1	2.206954	0.004036	1.527575	31C	37C	60S ribosor	7111742	7044561	6817222	6980150	6207368	7186519	3575793	4166014	3193450	3559746	6040617	6531839	10491479	10002438	7035253	6662950	6272529	3120980	2549289	2488988	1660065	1565327	6040617	7461922	
G3IJF2	1	1	2.588469	0.040932	1.527619	31C	37C	Nuclear fra	713728	435749.8	845408.3	524702.2	776671.7	725881.4	598981.7	582593.7	266801.1	245129.1	580880.6	358561	1052915	618712.8	872446.3	500858.1	784824.7	315237.7	427031.8	348071	138692.4	107790.6	580880.6	409617.3	
G3HKD0	1	1	2.587053	0.001975	1.527709	31C	37C	Peptidyl-pr	1704418	1788370	2320169	2564004	2153575	2755504	1487295	1726922	1247808	1142458	1504148	1588077	2514414	2539273	2394373	2447487	2176181	1196668	1060337	1031750	648653.5	502372.9	1504148	1814207	
G3HUN1	1	1	3.520514	0.000882	1.528318	31C	37C	Ubiquitin c	5525518	5418364	6902621	6940394	4894840	7020391	3050692	4794658	4108665	4421109	3673497	3966096	8151429	7693432	7123383	6625000	4946223	3048834	2174928	2864572	2135825	1944094	3673497	4530837	
G3GTU8	1	1	2.825373	0.042848	1.533691	31C	37C	Notchless	693330.8	563014.2	319427.6	583430.4	478774.1	599505.8	335243.8	370546.5	221448.4	185710.5	460110.7	537849.9	1022825	799413.2	329643.6	556917.4	483800	260354.9	239005.2	221383.2	115116.5	81662.45	460110.7	614435.5	
G3GZQ8	1	1	3.198287	0.015861	1.537895	31C	37C	UBX domai	783829.7	1335889	1400160	1504535	1387881	1317051	681714.4	840531.9	676223.5	560889.7	1148797	1117770	1156332	1896803	1444940	1436164	1402450	571972.3	486014.4	502176.4	351524.2	246640	1148797	1276931	
G3HF46	1	1	2.025279	0.00011	1.537927	31C	37C	Polypyrimi	17032354	17400274	18608126	18304689	14658236	14441304	10408782	11549889	8957711	9693418	12197680	12504435	25126695	24706317	19203256	17472866	14812109	6271607	7420729	6900489	4656526	4262486	12197680	14284968	
G3I1H5	4	4	11.68339	0.000671	1.539509	31C	37C	LGMN] LG	7952484	7514755	7833572	7693314	7316437	8606551	6304032	5101727	4938163	3320434	5743711	5067311	11731770	10670057	8084107	7343706	7393240	3737675	4494331	3048030	2567027	1460094	5743711	5788856	
G3GVA8	1	1	3.986428	0.000629	1.54066	31C	37C	Aminoacyl	11131932	11643100	12477834	15460063	11993386	14830965	8883984	10475347	6300144	7675622	8019446	8972771	16422197	16531815	12876903	14757509	12119285	6440830	6333656	6258503	3275031	3375201	8019446	10250424	
G3H6K9	1	1	2.418518	2.09E-05	1.540772	31C	37C	Four and a	1495556	1513255	1729328	1817045	1578578	1852821	990507.7	984822.7	972421.2	1099607	1190449	1243735	2206294	2148641	1784635	1734473	1595149	804648.1	706162.3	588383	505498	483530.2	1190449	1420833	
G3GWT7	2	2	3.868104	0.014377	1.541171	31C	37C	Guanine nu	1242697	1213892	960994.3	1057164	873518.4	839215	817414.3	633461.4	456400.5	383459.7	927612.4	796442.9	1833268	1723582	991729.1	1009123	882688	364456.5	582758.8	378461.9	237252.7	168618.7	927612.4	909850.1	
G3HC12	1	1	3.581989	0.00497	1.543437	31C	37C	Transcripti	1167013	1408898	2066461	2064869	1718291	1407053	1270477	1042564	997682.9	787936.6	1249269	1022648	1721616	2000467	2132551	1971035	1736328	611058.8	905760.9	622880.7	518629.9	346479.3	1249269	1168266	
G3H6K1	1	1	2.467774	0.000119	1.54523	31C	37C	Heterogen	2771582	2881379	3181138	3329104	2608410	3157565	2145637	2427455	1609168	1826893	1877523	1716240	4088730	4091215	3282878	3177819	2635792	1371276	1529689	1450284	836500.8	803339.6	1877523	1960620	
G3H1M4	7	7	21.23171	1.27E-06	1.546507	31C	37C	Eukaryotic	11531577	11062906	13680340	13115252	11024347	12545364	8153548	8388434	7317904	7603435	7856673	7857141	17011766	15708009	14117869	12519254	11140074	5448234	5812906	5011676	3804098	3343458	7856673	8975936	
G3IFJ6	1	1	3.431567	0.033928	1.549131	31C	37C	Glutathion	1899808	2227328	3736794	3628727	3056622	3788718	1719653	2267691	1167538	1431307	2660327	2591083	2802660	3162540	3856305	3463826	3088708	1645374	1225991	1354834	606926.3	629388.4	2660327	2960033	
G3I7T3	1	1	2.747717	0.008777	1.549434	31C	37C	Pre-mRNA	1800262	1897975	2346986	1588902	1750418	1346596	853039.5	883816.9	894712.3	1665006	1103117	1526155	2655806	2694899	2422048	1516698	1768793	584803.1	608157.1	528037	465102.2	732152.9	1103117	1743468	
G3H8D0	6	6	18.47429	0.00099	1.550149	31C	37C	Guanine nu	4324331	4894928	4897746	5434003	3675492	4112443	2756425	3655791	2143401	2722701	2915987	3442029	6379398	6950215	5054387	5187065	3714075	1785962	1965137	2184155	1114214	1197253	2915987	3932147	
G3GWB3	2	2	8.246515	8.16E-05	1.550564	31C	37C	Alpha-2-m	8206610	8676918	7678025	8315009	8108710	9502380	5591436	6364115	4240694	4746371	5444005	6174205	12106664	12320190	7923586	7937149	8193830	4126718	3986300	3802245	2204459	2087121	5444005	7053363	
G3GY47	2	2	5.812871	0.006685	1.554725	31C	37C	60S ribosor	1675254	1593993	1568061	1552382	1589291	1337000	842712.6	883482	667934.5	702609.4	1432183	1463124	2471391	2263281	1618212	1481837	1605974	580635.8	600794.8	527836.9	347215.3	308958.4	1432183	1671462	
G3IHR8	1	1	1.953594	0.0122	1.556226	31C	37C	Adenosylh	1096815	976224.2	875550.9	844142.8	801542.8	484052	574555.7	640691.9	461545.5	388905.9	575080.3	622453.8	1618059	1386122	903553	805782.3	809956.9	210215.3	409617.7	382781.8	239927.2	171013.6	575080.3	711086.3	
G3HPZ5	1	1	3.882774	0.000437	1.556642	31C	37C	Macrophag	32702535	35755834	34190637	35951115	25276644	25886890	20945801	24175850	16427364	19454187	18795137	22107454	48243868	50769025	35284132	34317383	25541982	11242226	14932882	14443878	8539508	8554589	18795137	25255382	
G3I4U4	1	1	4.1997	0.014226	1.557075	31C	37C	Dnal-like s	4604061	3943811	5281723	6914811	3704008	5379533	3444089	4779067	3355645	3223466	2224842	2129283	6792065	5599742	5450645	6600580	3742890	2336238	2455393	2855257	1744379	1417455	2224842	2432477	
Q60455	1	1	2.81055	6.99E-06	1.561	31C	37C	Tubulin bet	30601887	31227501	28105154	29469442	23652676	28458253	17501949	20362173	16138504	19046219	17859624	18966558	45144922	44339331	29004021	28130257	23900967	12358925	12477658	12165394	8389349	8375193	17859624	21667247	
G3HBJ9	4	4	11.76288	7.06E-05	1.561167	31C	37C	Methionine	3792853	3607725	3704176	4010314	2826443	3537670	2100992	2532883	1935043	2417846	2188117	2613060	5595342	5122539	3822644	3828073	2856114	1556369	1497860	1513273	1005902	1063199	2188117	2985139	
G3H7U0	3	3	11.59532	0.00164	1.562765	31C	37C	3-hydroxya	27930548	27903265	32145631	33385944	21073640	22384205	19736562	21933663	16429668	18391323	13616700	15361038	41204074	39619312	33173722	31868781	21294857	9721071	14070779	13104282	8540706	8087216	13616700	17548329	
G3I6W3	1	1	2.133473	0.00038	1.565145	31C	37C	Tapasin] T	334702.5	318922.8	288442	281115.2	244261.6	218079.3	184649.4	197872.1	152211.3	171282.7	157732.3	213164.5	493764.3	452832.4	297667	268340.5	246825.7	94708.04	131642.1	118218.8	79124.65	75318.14	157732.3	243517.4	
G3HZ25	1	1	2.263307	0.039303	1.565944	31C	37C	NADH deh	1185762	1752132	1559260	2113712	1506828	1339405	656388.9	951635.2	453971.6	676617.7	1534329	1766289	1749276	2487819	1609129	2017658	1522645	581680.1	467959.1	568555.1	235990	297529.1	1534329	2017795	
G3H289	6	6	21.45414	0.001891	1.567157	31C	37C	Aldehyde d	21589390	21291447	27401752	26836016	20391129	29106656	16128967	20223661	14067761	18925524	11808399	12401351	31849387	30231318	28278123	25616503	20605182	12640515	11498818	12082640	7312906	8322120	11808399	14167206	
G3HKN1	3	3	12.42344	0.000582	1.568059	31C	37C	Protein SE	56492163	58793150	71211439	75741964	48922934	67748925	33214951	43237860	32714092	43538898	43487536	45449786	83339120	83479269	73488944	72300009	49436496	29422181	23679923	25832489	17005909	19145358	43487536	51921479	
G3H2W7	1	1	2.398312	0.024479	1.569231	31C	37C	60S ribosor	223556.2	206509.8	176914.6	332216	168555.4	167491.7	116702.4	145477.1	88796.84	114787.4	102105.5	244786.1	329797.5	293219.3	182572.7	317119.1	170324.8	72738.74	83200.58	86915.37	46159.65	50475.47	102105.5	279641.7	
G3IMD1	2	2	7.012636	9.73E-05	1.569519	31C	37C	S-(hydroxy	21211265	21475433	21195698	24791085	17823517	24749059	13353052	15751165	11191927	13531018	13920327	15874360	31291565	30492556	21873585	23664500	18010617	10748086	9519786	9410544	5817948	5949994	13920327	18134745	
G3HID1	2	2	5.901685	4.95E-06	1.569528	31C	37C	RAB7A, me	6995240	6667347	8470473	8369382	7070946	6910535	5081613	4992694	4656843	4903339	4352028	4355709	10319611	9466839	8741378	7989051	7145173	3001125	3622832	2982889	2420787	2156145	4352028	4975927	
G3GYR9	1	1	1.980958	0.001223	1.570733	31C	37C	40S ribosor	23785929	22307795	25790076	25242234	19475589	21631464	12324139	13345343	11708565	11969438	19150607	19507361	35089794	31674412	26614902	24095147	19680032	9394169	8786244	7973184	6086514	5263321	19150607	22285056	
G3HP75	2	2	11.11982	9.89E-07	1.571039	31C	37C	D-3-phospl	62351890	55340981	61794603	57933535	51849045	54707834	37628117	41328257	33134245	35631717	34640980	36585921	91983584	78577602	63770936	55300852	52393323	23758661	26826199	24691595	17224319	15668334	34640980	41795469	
G3H0E4	22	22	75.67256	1.06E-06	1.57236	31C	37C	Chondroiti	8532971	7731095	8373722	8192233	7829857	8770454	4902394	5340456	4531179	5128835	5830540	5703622	12588122	10977234	8641532	7819952	7912049	3808856	3495062	3190659	2355462	2255302	5830540	6515773	
G3IEY9	2	2	11.56996	6.92E-06	1.572951	31C	37C	14-3-3 prot	31706529	30017606	32203671	32226041	27335414	30906400	20891080	21890179	16388245	17272205	20388817	20398569	46774527	42621425	33233619	30761588	27622363	13422112	14893870	13078302	8519173	7595106	20388817	23303165	
G3HTA6	1	1	2.42169	0.012494	1.57307	31C	37C	EPM2A-inte	1454867	1188242	811292.7	806958.7	650257.1	723614	570058.2	645246.8	504779.1	681543.5	520174.5	660513.3	2146269	1687162	837239.7	770287.9	657083.1	314253	406411.4	385503.1	262401.5	299695.1	520174.5	754565.2	
G3I948	2	2	8.417951	0.000132	1.573625	31C	37C	Eukaryotic	35164233	36222723	42913647	44076372	35827995	38911514	23684441	26509668	18996634	22109883	27341733	29497477	51875447	51431952	44286124	42073402	36204095	16898594	16885340	15838219	9875103	9722378	27341733	33697686	
G3H605	3	3	13.98715	2.94E-06	1.574806	31C	37C	Heterogen	12906368	11364221	12500025	11805714	9506666	11840040	7183867	7850027	6820250	7455396	7608881	7482638	19039904	16135840	12899805	11269225	9606461	5141924	5121592	4690004	3545400	3278361	7608881	8548107	
G3HH71	1	1	2.838825	2.49E-05	1.574851	31C	37C	Putative RN	5006473	5184538	6264001	6508684	5378094	6297478	3557082	4177764	3135338	3916387	3499818	3708880	7385715	7361427	6464338	6212909	5434550	2734885	2535949	2496008	1629856	1722153	3499818	4236995	
G3I5W9	2	2	4.080415	0.000162	1.576671	31C	37C	DNA-bindi	6521462	6454865	6494285	6428065	5755360	6014598	4368031	4772165	2898227	3353108	4215725	4283989	9620677	9165139	6701987	6135953	5815776	2612035	3114099	2851133	1506598	1474462	4215725	4893995	
G3IPR4	1	1	3.358165	0.000207	1.577351	31C	37C	Pre-mRNA-	3729958	3857128	5225137	5544560	4392318	5214714	3054186	3328412	2603347	3167905	2805042	2769444	5502558	5476662	5392249	5292598	4438425	2264660	2177420	1988562	1353309	1393023	2805042	3163791	
G3HNV7	1	1	6.597778	3.42E-05	1.580295	31C	37C	Glyceralde	1.34E+08	1.36E+08	1.15E+08	1.2E+08	1E+08	1.2E+08	73367443	85272140	63055964	75126510	75665917	86114122	1.97E+08	1.93E+08	1.19E+08	1.14E+08	1.01E+08	52194963	52305824	50945897	32778657	33035378	75665917	98376098	
G3H937	1	1	4.150602	0.000121	1.581252	31C	37C	Histone-bi	6845666	9449646	9300681	10838846	8532699	9182587	5183032	5743792	5113643	5549711	5902636	6752288	10098955	13417371	9598138	10346294	8622270	3987838	3695137	3431632	2658247	2440374	5902636	7713761	
G3HHR3	12	12	41.93609	0.00017	1.582605	31C	37C	Vimentin]	1.45E+08	1.4E+08	1.28E+08	1.28E+08	1.33E+08	1.44E+08	77112865	85458661	66454717	75410634	1.03E+08	1.09E+08	2.13E+08	1.98E+08	1.32E+08	1.22E+08	1.34E+08	62601123	54976045	51057335	34545446	33160316	1.03E+08	1.24E+08	
G3I1A4	3	3	9.71145	0.000762	1.583661	31C	37C	Sidoreflexi	3678739	2764925	4320929	3894641	3083182	3442872	2522415	2724833	1784408	2319293	1801921	2224542	5426998	3925864	4459122	3717656	3115547	1495180	1798304	1627953	927596.5	1019863	1801921	2541300	
G3H6L8	1	1	2.887068	0.012349	1.584509	31C	37C	Centrosom	741629.2	739848.6	976628.4	1032972	628014.6	486499.5	642548.8	451316	426029.2	446372.9	596806	343563.7	1094076	1050497	1007863	986030.2	634607.1	211278.3	458092.1	269639	221464.6	196283.5	596806	392484.5	
G3I692	3	3	9.96848	4.39E-05	1.584624	31C	37C	Carnosine	6674114	6965882	7735915	8406677	6331354	8717834	4649500	4802882	5036567	5363637	4050821	4388344	9845876	9890722	7983328	8024651	6397817	3786004	3314767	2869485	2618180	2358552	4050821	5013210	
G3HPS0	1	1	3.27679	0.001303	1.586235	31C	37C	KASH dom	5398593	4927817	7762335	6911307	5273684	5061950	4611746	4249786	3726963	3597335	3180535	2910085	7964184	6996914	8010592	6597235	5329044	2198317	3287850	2539037	1937403	1581856	3180535	3324458	
G3I1S5	4	4	16.23071	8.74E-05	1.588071	31C	37C	Glyceralde	7.88E+08	8.15E+08	9.02E+08	9.42E+08	7.01E+08	8.68E+08	4.15E+08	4.9E+08	5.8E+08	6.26E+08	4.95E+08	5.52E+08	1.16E+09	1.16E+09	9.3E+08	8.99E+08	7.09E+08	3.77E+08	2.96E+08	2.93E+08	3.02E+08	2.75E+08	4.95E+08	6.31E+08	
G3GU60	6	6	30.15545	0.000509	1.58875	31C	37C	Phosphatic	54272786	59492678	58710502	59424961	56064163	63776393	28032984	31127659	31852490	34829448	46116290	49436220	80065021	84472517	60588199	56724503	56652689	27696979	19985545	18597241	16558019	15315552	46116290	56475550	
G3H0B9	2	2	6.073164	0.005274	1.589574	31C	37C	WD repeat	3197297	2175499	2798486	3093172	1921680	2819195	1450036	2276296	1150157	1395051	1753943	2043461	4716759	3088949	2887988	2952609	1941852	1224327	1033774	1359974	597891.3	613445.6	1753943	2334433	
G3IFT9	1	1	3.084666	0.006726	1.591019	31C	37C	Actin-relat	2481114	2285134	3373890	3650256	3458946	3968278	1912183	2131211	1319325	1655400	2447268	2613424	3660221	3244618	3481794	3484376	3495255	1723354	1363252	1273294	685830.3	727929	2447268	2985555	
G3GWI3	1	1	3.385869	6.98E-05	1.591811	31C	37C	DNA-direct	1733880	2029863	2399968	2435550	2250164	2518177	1263730	1397892	1345643	1249028	1547623	1593814	2557878	2882163	2476724	2324871	2273785	1093600	900950.2	835171.3	699511.5	549235	1547623	1820760	

G3IF80	2	2	6.039364	0.000111	1.593977	31C	37C	Nucleolin |	97008259	1.01E+08	99349023	99358540	94734250	1.06E+08	53977416	70833176	46983629	65918780	58648679	78538615	1.43E+08	1.43E+08	1.03E+08	94843374	95728710	46196582	38482099	42319329	24423705	28986463	58648679	89721898
G3IFL9	1	1	1.961389	0.000659	1.595149	31C	37C	H-2 class I	3164431	2925334	2585156	2786666	2435804	2942794	1561865	1653261	1291390	1544130	2163772	2342707	4668274	4153626	2667835	2660031	2461374	1278004	1113500	987742.1	671309	679000.5	2163772	2676290
G3I2I1	2	2	5.417081	1.19E-05	1.598041	31C	37C	DNA helica	6495171	6059950	6256843	6756517	5094920	5853505	3346397	3569517	3534006	3829456	4229789	4341874	9581892	8604407	6456951	6449480	5148403	2542075	2385746	2132610	1837098	1683927	4229789	4960123
G3IDD9	1	1	3.443755	0.001489	1.598815	31C	37C	40S ribosom	17089644	17124282	27889706	27466828	21506343	23642517	14995630	14831558	11827540	11514273	15864029	15228941	25211212	24314441	28781683	26218648	21732103	10267534	10690829	8861124	6148361	5063171	15864029	17397422
G3I3H2	1	1	4.601554	6.76E-05	1.599353	31C	37C	60S acidic	2.7E+08	2.55E+08	2.7E+08	2.7E+08	2.43E+08	2.43E+08	1.79E+08	1.8E+08	1.31E+08	1.25E+08	1.74E+08	1.8E+08	3.98E+08	3.62E+08	2.79E+08	2.58E+08	2.46E+08	1.05E+08	1.28E+08	1.08E+08	67929852	55073572	1.74E+08	2.06E+08
G3HDE5	1	1	3.266209	0.000115	1.601479	31C	37C	Proteasom	12683686	12469221	12303615	13271483	13347639	15670910	7322518	9024459	6318221	7853682	9332630	9944057	18711396	17704809	12697112	12668385	13487754	6805604	5220440	5391669	3284429	3453500	9332630	11360013
G3HLV8	1	1	2.828245	0.000357	1.601902	31C	37C	DnaJ-like s	1882849	2155280	1842537	2020350	1618924	1865413	1094971	1367030	903170.7	944695.3	1373244	1424287	2777642	3060241	1901466	1928539	1635919	810116.6	780637.6	816733.1	469499.2	415410.9	1373244	1627094
G3H5Y9	1	1	2.69941	0.014327	1.604361	31C	37C	Tetraspani	559548.4	749540.5	758949.4	680980.8	713566.1	1099628	303817.1	454461.8	298690.5	528870.1	507598	750196	825464.4	1064258	783222.3	650034.9	721056.6	477549.4	216600.2	271518.5	155269.6	232560	507598	857018
G3HPF1	1	1	4.115046	0.000124	1.607635	31C	37C	Small nucl	33086745	33933757	32397566	35622385	26027449	30601481	17544517	20138791	16079672	18233260	22764863	24463354	48810668	48181893	33433714	34003591	26300668	13289691	12508006	12031934	8358766	8017711	22764863	27946744
G3HAN3	1	1	2.127298	0.000386	1.60789	31C	37C	RNA-bindir	1087597	1104879	782683.5	782244.2	690839.6	740655.1	564254.3	573167.4	507778.4	475476.4	559182.6	547289.1	1604460	1568797	807715.5	746696.5	698091.6	321653.6	402273.6	342439.3	263960.7	209081.2	559182.6	625218.8
G3HH63	2	2	5.502978	0.001411	1.608963	31C	37C	Phospholip	524038.6	598454	634169.8	637426.6	422380	558675.3	404191.2	458023.4	318788.1	240073.5	360477.7	316160.5	773079.2	849733.4	654452	608459.9	426813.9	242623	288159.9	273646.4	165717	105567.5	360477.7	361179.3
G3IDM2	5	5	21.40931	3.51E-05	1.609854	31C	37C	Cofilin-1 | (	1.76E+08	1.79E+08	1.82E+08	1.89E+08	1.32E+08	1.5E+08	92844295	1.04E+08	1.07E+08	1.2E+08	98263138	1.04E+08	2.59E+08	2.54E+08	1.87E+08	1.81E+08	1.33E+08	65323024	66191448	61960315	55771141	52561439	98263138	1.19E+08
G3HDL6	4	4	16.3906	2.46E-06	1.609991	31C	37C	Elongation	34509075	33872438	33877246	34418184	31410561	35702783	17964081	19530434	19552254	22180003	23147272	24204463	50908937	48094827	34960718	32854113	31740289	15505098	12807125	11668471	10163934	9753212	23147272	27650988
G3H2H8	1	1	2.192584	2.33E-05	1.613215	31C	37C	Import inne	655660.3	615795.7	859478.3	769365.7	691884.1	774006.6	480622.1	519954.1	432607.8	403672	408193.3	461465.4	967251.9	874356.5	886966.4	734403.2	699147	336137.6	342649.7	310646.9	224884.4	177506.7	408193.3	527174.5
G3HSN1	1	1	2.442641	0.005014	1.615957	31C	37C	Protein CW	485309.9	411723.5	285622.3	363271.7	302047.9	287524.1	297773.8	235879.7	138863.9	223608.9	201293.7	224087.6	715945.3	584598.3	294757.2	346763.5	305218.6	124866.7	212291.8	140926.5	72186.21	98327.53	201293.7	255995.9
G3H6Y5	2	2	6.083718	0.025448	1.617374	31C	37C	Peptidylpro	46653833	33884889	47107922	37384593	58816577	54229291	15795865	14277596	32558618	27710838	43422809	38165521	68825288	48112506	48614541	35685719	59433996	23550839	11261340	8530159	16925089	12185286	43422809	43599992
G3I1P5	2	2	7.697878	2.54E-07	1.617697	31C	37C	SH3 domai	17349811	16138331	17159036	17161433	14825288	16528369	9426877	10541378	9218417	10094744	10907037	11109952	25595019	22914508	17707821	16381563	14980914	7177983	6720700	6297953	4792050	4438961	10907037	12691922
G3H627	1	1	3.769121	0.00303	1.617853	31C	37C	Serine/thre	1472192	1439362	2028543	1842210	2082398	1783291	1377635	852881.1	1338524	720884	1322997	968641.1	2171827	2043723	2093421	1758495	2104257	774452.1	982156.7	509554.4	695810.7	316994.3	1322997	1106568
G3H843	1	1	2.936199	5.78E-05	1.618291	31C	37C	TSC22 dom	6484398	7089622	7052427	7235649	5317205	6566794	3911778	4937399	3314867	4041495	3850192	4504798	9566000	10066418	7277979	6906838	5373021	2851844	2788823	2949852	1723182	1777166	3850192	5146246
G3HN13	2	2	5.547474	0.001383	1.618467	31C	37C	Stomatin-li	155861.9	170223.8	208867.6	202856.6	115325.5	131444.5	103105.9	120144.5	103047.3	101168.6	86776.98	94097.67	229932.7	241697.5	215547.7	193638.2	116536.1	57084.07	73507.22	71780.38	53567.55	44486.87	86776.98	107496.4
G3H204	2	2	5.510085	3.50E-07	1.622668	31C	37C	Syntaxin-1:	2611466	2706087	3059111	2856608	2427578	2534259	1729559	1767989	1506159	1671949	1649763	1655127	3852521	3842322	3156949	2726795	2453061	1100585	1233054	1056286	782953.3	735205.9	1649763	1890804
G3HTG9	1	1	2.471014	4.56E-06	1.62294	31C	37C	Glyoxalase	1510038	1568305	1650254	1775053	1608205	1613183	922149.3	907956.2	905553.4	957554.2	1236328	1062692	2227658	2226807	1703033	1694389	1625086	700577.3	657427.6	542459.1	470737.8	421065.3	1236328	1214011
G3GRE1	12	12	46.43395	0.000158	1.623624	31C	37C	Bifunctiona	8181894	8271648	8729545	9586263	6373545	7349593	4978027	5748941	3974734	4355506	5225528	5584081	12070203	11744755	9008736	9150633	6440450	3191801	3548983	3434709	2066203	1915246	5225528	6379210
G3HNA5	2	2	6.710398	3.84E-05	1.623785	31C	37C	Ubiquitin c	3771334	4023439	4077862	3827788	2986943	2960155	2214753	2146526	2099943	1985914	2428234	2456146	5563598	5712805	4208281	3653841	3018298	1285544	1578963	1282443	1091623	873265.9	2428234	2805882
G3GRR8	1	1	2.400919	1.45E-06	1.625483	31C	37C	60S ribosom	23518372	21360305	22988844	22945685	18855623	21592461	12310350	13067964	12221250	13597605	14417812	15137172	34695086	30329089	23724080	21902961	19053558	9377231	8776413	7807464	6353026	5979274	14417812	17292587
G3GYD5	3	3	9.682947	0.000151	1.626085	31C	37C	Compleme	12876572	13175888	17473617	19183994	13179356	16077313	9116415	10832399	8403987	10010190	8391204	9802972	18995948	18708191	18032464	18312212	13317705	6982098	6499362	6471824	4368681	4401780	8391204	11198838
G3IN52	1	1	4.289423	0.000823	1.626518	31C	37C	Fumarylac	9922840	9515373	10729144	12130908	9273147	13048287	6320548	7740164	7522849	8121425	4871103	5152774	14638504	13510696	11072286	11579641	9370490	5666644	4506106	4624366	3910635	3571234	4871103	5886489
G3HAN8	2	2	7.147758	2.05E-08	1.626519	31C	37C	Adenosylh	15481055	15262261	17003426	16222893	14343964	16251111	9807259	10129155	9293150	9439231	9208911	10261600	22838167	21670592	17547235	15485674	14494537	7057575	6991885	6051671	4830899	4150713	9208911	11722771
G3HQ45	2	2	6.579922	9.79E-06	1.627166	31C	37C	Eukaryotic	16044656	16523881	16460585	17761913	13487082	15883162	9841955	11346815	8120694	9652032	9470171	10665724	23669610	23461943	16987032	16954756	13628661	6897781	7016622	6779162	4221416	4244288	9470171	12184439
G3GWE6	1	1	3.810823	7.68E-06	1.627374	31C	37C	Cell growth	2887026	2853661	3425411	3303318	3239736	3899972	1933695	2043235	1752625	1982690	2192825	2144483	4259037	4051859	3534964	3153205	3273745	1693690	1378589	1220732	911074.9	871848.1	2192825	2449840
G3HNK4	1	1	4.231719	0.011438	1.627746	31C	37C	Dihydropyr	1644498	2017509	2234386	2011314	1522005	1675364	1693607	1656877	1061441	1035612	754341.2	620484.5	2426019	2864623	2305847	1919913	1537982	727581.5	1207423	989902.2	551773.3	455389.8	754341.2	708836.7
G3HMG4	1	1	3.101326	0.013547	1.630703	31C	37C	Amyloid be	1490846	1424015	1202458	1032819	846870.6	1084845	889589.2	978436.5	505995.8	375512	782410.6	810878.1	2199345	2021932	1240916	985884.3	855760.5	471129.4	634214.5	584567.6	263034	165123.9	782410.6	926340.7
G3IFB0	5	5	13.54733	0.000722	1.631109	31C	37C	Serine/argi	1777353	1936303	1996606	2254029	2005761	2040832	1148772	1316155	796300.2	1064315	1417971	1620117	2622010	2749319	2060462	2151598	2026816	886298	818993.7	786337.9	413944.2	468011.4	1417971	1850809
G3HGW7	1	1	3.195644	0.002413	1.631139	31C	37C	40S ribosom	19934580	17463446	21990414	20858815	18968148	20389173	7947619	8773887	11446492	11898591	16690485	16568745	29408156	24796014	22693718	19910924	19167263	8854663	5666093	5241965	5950280	5232167	16690485	18928004
G3GXX3	1	1	3.275297	0.005399	1.632378	31C	37C	Dolichyl-di	13402235	12751823	19438822	19633993	13188491	11360654	11997575	9827667	10788926	8945443	7292347	6145107	19771424	18106070	20060520	18741762	13326935	4933735	8553427	5871546	5608455	3933579	7292347	7020122
G3H1Y8	3	3	10.16969	0.00012	1.63514	31C	37C	Regulator c	3164883	2765526	3916477	3535766	2935417	3636019	2562396	2103715	2116854	1788515	1938229	1693582	4668940	3926718	4041735	3375090	2966231	1579060	1826808	1256866	1100414	786463.8	1938229	1934734
G3H601	1	1	1.918697	1.69E-05	1.636444	31C	37C	Mitochond	4316759	4679501	5068790	5393222	3917902	4509914	2347900	2719225	2851936	3057705	2857886	3206005	6368227	6644334	5230901	5148137	3959029	1958577	1673887	1624603	1482534	1344564	2857886	3662515
G3H7V9	4	4	10.91192	0.001518	1.63645	31C	37C	DNA helica	3590409	3672247	3385951	3252469	3934086	4110536	1896686	1946338	1741147	1648860	3044345	3133180	5296691	5214154	3494241	3104667	3975383	1785134	1352204	1162841	905107.9	725053	3044345	3579320
G3IIH3	2	2	6.023542	5.08E-06	1.636708	31C	37C	Eukaryotic	3266035	3356194	3618130	3854026	3556542	3623604	1747070	2402004	2037365	2079624	2320643	2411661	4818164	4765396	3733846	3678887	3593876	1573668	1245538	1435079	1059092	914473.1	2320643	2755063
G3HID6	4	4	17.03752	6.96E-05	1.638264	31C	37C	CNBP | CN	15104072	14651517	16678194	17405649	11493813	12887167	8843740	10605523	8296824	9372977	8203456	8527427	22282031	20803409	17211601	16614682	11614468	5596672	6304964	6336277	4312974	4121579	8203456	9741666
G3H1U2	4	4	19.79966	1.55E-08	1.641071	31C	37C	Heterogen	24900561	24809294	24070917	23911809	21842069	23596701	13574050	13752630	15910922	14773256	14497486	14709902	36734137	35226242	24840760	22825181	22071353	10247637	9677342	8216518	8271044	6496244	14497486	16804477
G3HBW5	1	1	3.94222	0.000193	1.642795	31C	37C	SUMO-con	39924353	30044033	36523245	32331185	34647657	44620625	19202680	24649783	22691132	26724506	22074191	17413807	58897735	42658948	37691342	30861953	35011366	19377962	13690159	14727029	11795630	11751566	22074191	19893396
G3HKC5	2	2	4.902651	3.66E-05	1.645617	31C	37C	Splicing fac	21938393	20132679	19051341	19672912	16514597	19484532	9090119	10702556	11957090	12716961	12856375	13649956	32364248	28586006	19660646	18778913	16687957	8461794	6480615	6394249	6215706	5592029	12856375	15593603
G3GXX4	1	1	2.511811	0.003416	1.64604	31C	37C	Dolichyl-di	8333947	9063382	12654272	14137560	8575193	10519633	6718061	7858037	6467243	7900462	4387267	5115128	12294517	12868923	13058984	13495105	8665210	4568494	4789505	4694790	3361895	3474070	4387267	5843482
G3H134	1	1	5.520474	0.004203	1.646445	31C	37C	MKI67 FHA	2937528	3482173	2522688	3263640	2850600	3101283	1274675	1883072	1148385	1646512	2196378	2879532	4333539	4944271	2603369	3115330	2880523	1346833	908753.2	1125043	596970.2	724020.7	2196378	3289555
G3GR85	1	1	2.756796	0.049755	1.648908	31C	37C	PITRM1 | PI	2800650	1668057	3109698	1730459	2180731	950716.1	2026314	1000403	1236332	1050538	1288401	942588	4131612	2368442	3209153	1651821	2203623	412879.5	1444619	597691.3	642687.6	461952.9	1288401	1076805
G3IFX1	15	15	56.91352	0.003443	1.650517	31C	37C	Succinate (	31664155	30276856	38467903	38704009	23203932	35936983	21218597	27366282	18348393	24368437	13811121	15003400	46712016	42989529	39698195	36945177	23447512	15606807	15127366	16350004	9538125	10715532	13811121	17139767
G3I5T3	1	1	3.166657	9.90E-06	1.656606	31C	37C	Putative AT	4048701	3137125	3581500	3320688	3019846	3037879	2037464	1950086	2255254	1740134	2247434	1930479	5972778	4454344	3696045	3169785	3051547	1319298	1452568	1165080	1172358	765188.9	2247434	2205364
Q2MH30	1	1	1.995247	0.040872	1.656944	31C	37C	Dihydrofola	762012.2	1027922	997589.5	1902879	765534.6	1197378	414011.1	783894.5	403457.7	715945	440390.3	1257714	1124146	1459527	1029495	1816406	773570.7	520000.5	295160.7	468338.3	209731.2	314822.5	440390.3	1436803
G3GZA9	1	1	3.90656	0.001859	1.657727	31C	37C	Reticuloca	1786313	2211888	2203372	2007059	3284321	2723720	1583659	1254864	1462351	1071979	1872074	1331076	2635229	3140617	2273841	1915852	3318798	1182864	1129037	749719.5	760180.2	471381.4	1872074	1520611
G3ILF4	1	1	2.531217	0.013596	1.658891	31C	37C	NADH dehy	718504.1	652564.1	416812.7	568839.9	488416.3	541340.3	293897.8	447676.4	150895	373506.8	329174.6	446260.3	1059961	926563.3	430143.3	542990	493543.3	235094.7	209528.4	267464.6	78440.42	164242.1	329174.6	509804.3
O95202	4	4	11.56068	0.002741	1.66064	31C	37C	LETM1 and	1574583	1604802	2633252	2570224	1593112	1483296	1255679	1242705	1278660	1217265	993575.7	912627.4	2322877	2278628	2717470	2453425	1609836	644169.8	895210.7	742454.9	664691.3	535268	993575.7	1042578
G3H0L9	6	6	25.53648	0.000579	1.662196	31C	37C	Cathepsin	11803523	12137926	11769128	11999866	12124940	16083529	5422575	6236875	10302387	8650224	7318746	7743052	17412950	17234409	12145531	11454554	12252219	6984797	3865915	3726225	5355535	3803763	7318746	8845601
G3HG69	3	3	12.66833	0.000408	1.663187	31C	37C	Hepatoma-	13145896	15189310	17138099	19124283	13884145	18080575	8048944	9152855	13357251	10566090	8601070	8332399	19393263	21567011	17686214	18255215	14029891	7852079	5738331	5468379	6943558	4646227	8601070	9518867
G3GUB2	1	1	3.343749	0.007962	1.663982	31C	37C	Cytoplasm	486108.7	565922.6	644346.7	953176.7	757908.6	642324	343609.6	399386.5	266777.8	304099.4	515056.1	604863.4	717123.8	803542.7	664954.4	909861.3	765864.6	278950.1	244969.4	238613.7	138680.3	133721.6	515056.1	690991.2
G3I4H6	9	9	43.78503	0.000121	1.664742	31C	37C	Fructose-b	86189981	80071070	1.09E+08	1.11E+08	70233522	97324162	53032227	63004537	56175012	59536750	50013539	50719443	1.27E+08	1.14E+08	1.12E+08	1.06E+08	70970788	42266192	37808246	37642103	29201701	26180093	50013539	57941494
G3I369	1	1	2.29663	3.99E-05	1.666127	31C	37C	Golgi appa	577016	536000.4	542187.8	521406.9	384880.8	485681	311508.6	357036.3	257600.8	308739.3	306995.2	287015.8	851233.2	761056.8	559528.2	497712.5	388921.1	210922.8	222083.7	213311.6	133909.8	135761.9	306995.2	327884.6
G3GY22	1	1	3.084953	0.007251	1.667047	31C	37C	Ras-relatec	2457559	2572381	3576211	3496872	1816750	1568954	1517661	1506477	1603908	1386862	1632880	1643325	3625473	3652474	3690587	3337963	1835821	681369.4	1081986	900046	833766.6	609844.7	1632880	1877321
G3I8H9	3	3	7.404722	0.000284	1.669558	31C	37C	Cysteine ar	919213.9	996417.5	1241822	1414605	1079776	1112543	642683.8	888570.5	552517.4	593107.2	626594.5	748125.3	1356055	1414794	1281538	1350321	1091111	483158.2	458188.3	530877.1	287217.5	260807	626594.5	854652.4
G3H4V0	7	7	21.06301	6.40E-05	1.669815	31C	37C	Vigilin | HD	8423314	8229897	10434432	11412673	7504121	9404086	5768182	6173684	4695875	4992419	5817492	5734772	12426353	11685473	10768149	10894046	7582894	4084031	4112308	3688472	2441077	2195316	5817492	6551358
G3HF77	1	1	5.401271	0.001812	1.669837	31C	37C	40S ribosom	349095.5	316809	371375.3	359111.7	383982	318135.3	165954.9	248444.5	153006	196878.5	155746.2	336684.4	514997.3	449831	383252.7	342792.6	388012.8	138160.6	118314.2	148433.3	79537.78	86573.39	155746.2	384625.6
G3HJ15	5	5	15.31211	0.000339	1.671252	31C	37C	E3 SUMO-p	845069.6	800170.1	1301217	1270926	889514.4	1134300	673503.7	633039.5	665910.2	574849.9	630105.1	557036.6	1246675	1136146	1342833	1213172	898852	492606.6	480160.8	378209.9	346163	252778.7	630105.1	636354.3
G3I8H3	6	6	20.47676	2.44E-05	1.672591	31C	37C	Putative my	4511070	4429015	4834353	4730778	5101563	5685274	2527277	2378752	3530952	2851700	3179002	3045295	6654881	6288674	4988967	4515797	5155115	2469016	1801771	1421187	1835510	1253978	3179002	3478921
G3IDS7	4	4	16.57376	6.15E-05	1.672823	31C	37C	Monocarbo	2841345	2747911	3929099	3773334	2746890	3414232	1913618	2220465	1671082	1983899	1858729	1980936	4191647	3901706	4054760	3601861	2775725	1482742	1364275	1326618	868685.7	872379.9	1858729	2263006
G3HHC3	1	1	2.944369	3.11E-06	1.673115	31C	37C	Importin su	1349239	1448887	1797758	1693424	1545352	1764850	979360.2	1007129	869585.3	884394.1	1034144	962897.8	1990443	2057247	1855255	1616470	1561574	766443.7	698214.9	601709.6	452040.3	388894.6	1034144	1100007
G3H697	2	2	5.409095	5.66E-06	1.675086	31C	37C	Glucosidas	5408939	5493313	5363329	5524891	4603702	5476296	2707066	3187321	2703666	3261806	3450424	3715893	7979448	7799851	5534860	5273823	4652029	2378260	1929948	1904267	1405459	1434314	3450424	4245007
G3HJW4	1	1	1.941806	0.000505	1.675238	31C	37C	Dermatan-	8553242	9952877	6321484	6485904	5422326	6571729	4406506	4561222	4818110	4398335	3818966	3848446	12618027	14131899	6523659	6191164	5479246	2853988	3141528	2725105	2504619	1934080	3818966	4396435
G3IG96	1	1	2.765409	0.000289	1.677474	31C	37C	Glutamate-	3262792	3240213	3181650	3686479	2912197	3454497	1419622	1707860	1662468	2101245	2207336	2667866	4813379	4600716	3283407	3518954	2942768	1500228	1012091	1020362	864207.9	923980.4	2207336	3047749
G3GWM0	2	2	10.9922	0.00128	1.678171	31C	37C	Eukaryotic	11118665	9914118	14042197	14203687	10663659	17556440	7810149	9497138	7773106	8792430	6306926	6000759	16402624	14076867	14491299	13558227	10775599	7624457	5568086	5674071	4040728	3866295	6306926	6855220
G3HKX1	3	3	6.887101	0.000664	1.683119	31C	37C	Enhancer c	987383.4	1010320	1288312	1378880	750397.5	991953.9	663518.3	777092.8	631335.7	634779.8	582922.5	517121	1456621	1434534	1329515	1316219	758274.7	430788.3	473041.9	464274.6	328190	279131.7	582922.5	590755
G3HQI8	9	9	43.18032	2.62E-05	1.683305	31C	37C	Myosin-Vb	13868564	14281361	16469905	17643976	11556263	14396410	8438109	9787102	7528559	8797422	8511313	9344198	20459367	20277832	16996651	16842178	11677573	6252111	6015778	5847311	3913604	3868490	8511313	10674738
G3HBR6	1	1	2.170978	0.004389	1.683706	31C	37C	Phosphogly	1644692	2198563	1296639	1506009	1381097	1679174	640470.7	788898.1	1171744	1412231	692067.6	1059354	2426304	3121698	1338108	1437571	1395595	729236	456610.5	471327.7	609113	621000.2	692067.6	1210198
G3HKD6	7	7	31.30888	0.000117	1.686334	31C	37C	Histone-bi	18009347	17301844	20409589	21727538	15687308	21363156	12048494	13928493	8670321	9841273	11621089	11788362	26567988	24566558	21062334	20740170	15851984	9277647	8589728	8321588	4507131	4327503	11621089	13466932
G3GYK8	1	1	6.496817	0.019628	1.686813	31C	37C	26S protea	1139363	978821.9	1417417	1228562	941817.4	802060.3	623839.5	608915.6	293988.9	381443	889794.3	1060205	1680826	1389810	1462749	1172732	951704	348320.8	444753.7	363797.1	152825.6	167731.9	889794.3	1211170
G3IKQ5	2	2	4.682056	0.001158	1.686898	31C	37C	Pyridoxal k	1860419	1810678	2301323	2311245	1274594	1338818	1148956	1237618	1077312	998607.1	967661.4	1029675	2744552	2570947	2374924	2206215	1287974	581425.3	819124.8	739415.8	560023.9	439117.5	967661.4	1176292
G3HKP3	1	1	2.790791	0.001347	1.689188	31C	37C	Cytochrom	2761285	2910321	4144645	4646555	3405032	4558567	2032152	2921424	1802530	2338343	1878794	2303196	4073539	4132309	4277200	4435401	3440776	1979707	1448781	1745407	937017.2	1028240	1878794	2631154
G3HIQ1	5	5	23.78629	0.003079	1.689971	31C	37C	Peptidyl-pr	3.21E+08	3.01E+08	3.03E+08	3.15E+08	3.14E+08	3.44E+08	1.18E+08	1.34E+08	1.51E+08	1.71E+08	2.66E+08	2.84E+08	4.74E+08	4.27E+08	3.13E+08	3.01E+08	3.18E+08	1.5E+08	84288814	79807288	78363630	75106279	2.66E+08	3.25E+08
G3I6I1	1	1	3.445176	0.000617	1.691916	31C	37C	26S protea	5156753	5402647	7775532	7935772	5777424	8000139	4372645	4201518	2918716	4218522	3735781	4223185	7607413	7671116	8024212	7575146	5838072	3474321	3117388	2510200	1517249	1855011	3735781	4824534

G3HZ17	1	1	2.812875	0.047882	1.693946	31C	37C	Protein phc	174899.2	366458.3	255603.5	331719.2	196910	197737	182828.9	279530.1	51861.45	77867.12	135494.4	171695.2	258017.1	520327.2	263778.3	316644.8	198977	85873.72	130344.1	167005.5	26959.36	34240.51	135494.4	196143.2
G3HJM4	1	1	3.044075	0.001489	1.694513	31C	37C	Haloacid d	1953658	1838389	2059146	1751124	1942641	1737069	1112890	950146.6	1700797	1059008	1185161	649973.6	2882102	2610293	2125002	1671547	1963033	754378.7	793411.9	567665.7	884132.6	465677.4	1185161	742524.7
G3I5Q4	3	3	15.45982	6.47E-05	1.694722	31C	37C	Heterogen	10081527	10525568	11413979	12262055	7785149	8704523	6037850	6504814	6257805	6443178	5154276	5462116	14872604	14945053	11779024	11704829	7866872	3780223	4304562	3886306	3253022	2833258	5154276	6239878
G3IN18	4	4	17.59007	2.86E-05	1.701674	31C	37C	60S riboso	16325932	15461210	17020622	14572759	15073409	16044728	8833704	8466298	8119765	7463993	11418371	11230641	24084558	21953076	17564981	13910527	15231640	6967946	6297809	5058195	4220933	3282142	11418371	12829796
G3HU28	2	2	11.08751	1.74E-05	1.703667	31C	37C	F-actin-cap	14117765	15194612	15923152	17065788	12250105	14002060	8838473	9666899	7018056	7887509	8846814	9720420	20826997	21574539	16432411	16290265	12378699	6080851	6301209	5775495	3648227	3468374	8846814	11104531
G3HJG1	2	2	5.563255	1.89E-06	1.705246	31C	37C	Cold shock	3806649	3464550	4427696	4404306	3757546	4566513	2147356	2263502	2628309	2448412	2440418	2396776	5615695	4919249	4569304	4204161	3796990	1983157	1530914	1352331	1366285	1076640	2440418	2738058
G3I4Z7	2	2	12.9545	1.37E-05	1.705266	31C	37C	Galectin |L	97600023	90793797	91308316	93520929	87091112	96589585	46969520	51344855	44962502	51955115	63745637	67601255	1.44E+08	1.29E+08	94228565	89271042	88005339	41947178	33485962	30676018	23373054	22846221	63745637	77227143
G3HE84	4	4	14.11931	4.34E-06	1.705913	31C	37C	Microtubul	10019553	9806873	11081709	11376027	8774301	10586905	6463925	7108386	5162431	5778550	5610853	6012138	14781179	13924592	11436127	10859065	8866408	4597709	4608323	4246910	2683609	2541002	5610853	6868219
G3GYX2	2	2	7.528471	2.21E-06	1.714591	31C	37C	Nucleolar	4581679	4625586	4478873	4727882	4078390	4811113	2457412	2885131	2150156	2606948	2778123	3046444	6759045	6567781	4622118	4513032	4121202	2089383	1751962	1723724	1117725	1146353	2778123	3480234
Q9ERF7	3	3	8.212951	3.32E-05	1.716963	31C	37C	Intercellula	4190577	4175333	4492534	4615326	3142876	3129255	2465283	2424861	2220766	2167400	2333440	2218425	6182078	5928476	4636216	4405591	3175868	1358981	1757573	1448735	1154430	953070.7	2333440	2534312
G3GXM5	1	1	2.028217	0.042703	1.716967	31C	37C	Pre-mRNA-	17646596	18487822	13405593	13103251	21448310	23986165	4337239	4823190	3864746	4334032	22202353	23385341	26032846	26250505	13834334	12507798	21673461	10416775	3092146	2881618	2009028	1905804	22202353	26715230
P55072	20	20	82.9262	2.28E-06	1.717477	31C	37C	Transitiona	31908827	34263949	35813068	38722603	29447761	37967329	19684861	22929123	17746929	19328820	19977890	21512154	47072964	48650726	36958451	36962925	29756885	16488551	14033920	13699020	9225464	8499461	19977890	24575316
G3HNE4	1	1	2.88832	0.008636	1.719279	31C	37C	Putative tR	956949.9	832168.7	1119109	1130833	891197	648439.5	799704.4	461214.2	500789.2	267142.2	713974	501964.2	1411724	1181580	1154901	1079445	900552.2	281606	570133	275552.8	260327.5	117470.5	713974	573440
G3GWA7	1	1	4.260349	0.021495	1.723521	31C	37C	40S riboso	4450270	5806039	7174224	8169530	4565651	3853848	2340778	2566920	2084515	2100362	5250488	5395341	6565187	8243883	7403672	7798280	4613578	1673659	1668810	1533608	1083603	923592.3	5250488	6163596
G3HWU6	1	1	2.957943	0.004476	1.723649	31C	37C	Ubiquilin-2	1808338	2067427	3652505	4065321	3098574	3575674	1771023	1868238	1647675	1648709	1782344	1880362	2667720	2935500	3769321	3880580	3131101	1552853	1262614	1116180	856518	724986.7	1782344	2148110
G3HQB8	1	1	2.409675	0.000126	1.724914	31C	37C	Zinc finger	131626.8	109259.8	154407.3	148640.4	101969.9	103536.8	82795.55	83454.78	70193.03	65393.06	68005.19	64638.62	194180.2	155136	159345.6	141885.7	103040.3	44964.24	59027.4	49860.12	36488.75	28755.29	68005.19	73842.65
G3HR08	6	6	19.15568	4.29E-06	1.726305	31C	37C	Cytosol am	7538362	8462484	9227672	9751318	7654163	9337037	4320169	5541477	4507572	5099756	5156407	5479985	11120843	12015719	9522795	9308187	7734511	4054913	3079977	3310759	2343191	2242516	5156407	6260291
G3H1W1	1	1	3.406657	2.20E-05	1.727797	31C	37C	Collagen al	14093830	13997364	16584917	16425536	13683648	14749457	7517683	9556109	6764508	8229822	9372011	10380053	20791687	19874590	17115340	15679108	13827290	6405433	5359579	5709304	3516424	3618899	9372011	11858091
G3GVX1	8	8	24.46344	2.33E-05	1.728542	31C	37C	Ribosome-	6604068	6333894	6696260	7036916	6639676	7184994	4384137	4330926	3127965	2993411	4284202	4307088	9742542	8993375	6910422	6717136	6709375	3120318	3125581	2587515	1626023	1316292	4284202	4920384
G3GZE6	2	2	6.321812	0.007234	1.732737	31C	37C	Actin-relat	4950564	4392606	2999726	2946018	2714910	2887650	1704752	1965433	1214210	1614177	2755850	2802501	7303237	6236977	3095664	2812142	2743409	1254056	1215368	1174249	631188.1	709801.9	2755850	3201555
G3I341	1	1	6.604351	0.00016	1.735221	31C	37C	Myeloid-as	12186981	12224748	14709822	13837064	11059762	14912615	7402689	9073635	5401394	6488360	8972608	8148876	17978640	17357687	15180276	13208264	11175860	6476290	5277596	5421049	2807830	2853126	8972608	9309212
G3HSV8	1	1	2.974279	8.95E-06	1.736986	31C	37C	Host cell fa	2096282	1806931	2531843	2387842	2044346	2336420	1406789	1456578	1157324	1155969	1280105	1144712	3092505	2565627	2612818	2279331	2065806	1014667	1002941	870233.7	601616.9	508314.4	1280105	1307710
Q71U36	1	1	3.160045	2.44E-05	1.737556	31C	37C	HUMAN Tu	15591687	16749064	21158825	21028502	19411500	19479186	10995833	9734693	10226525	9097098	12978699	12242053	23001377	23781676	21835532	20072900	19615269	8459472	7839255	5815999	5316099	4000267	12978699	13985225
G3HIL4	1	1	4.247064	0.000526	1.738205	31C	37C	Anamorsin	4568557	3432078	5643813	3795845	4700007	4427696	2960493	1814687	2153490	2404418	3137237	2814406	6739688	4873141	5824315	3623350	4749345	1922872	2110623	1084186	1119458	1057295	3137237	3215155
G3H9U3	4	4	18.19881	1.27E-06	1.739148	31C	37C	Splicing fac	9198892	8713359	9583848	10495761	8519109	9526429	5200045	5408946	5972792	6065931	5047549	4525914	13570511	12371932	9890361	10018800	8608537	4137163	3707266	3231578	3104863	2667372	5047549	5170369
G3HZE8	1	1	6.045716	0.002189	1.740042	31C	37C	U6 snRNA-	97462802	83394012	1.02E+08	1.18E+08	75541596	1.12E+08	36965649	47236316	41954639	62146561	71207346	78249218	1.44E+08	1.18E+08	1.05E+08	1.12E+08	76334583	48423836	26353906	28221369	21809463	27327706	71207346	89391293
G3GWV9	6	6	18.39619	0.000234	1.742059	31C	37C	Nucleoprot	3355916	3436764	4625647	4541415	3424183	3657222	2682142	2797372	1785211	1751447	2151617	2058599	4950758	4879795	4773586	4335039	3460128	1588268	1912178	1671291	928014	770163.9	2151617	2351728
G3IB71	6	6	17.96307	0.000124	1.743456	31C	37C	Glutaminyl	3593597	3722843	3952838	4415448	2686476	3077878	1808444	2502772	1999485	1880924	1821406	2289590	5301394	5285993	4079259	4214796	2714677	1336669	1289293	1495283	1039401	827098.8	1821406	2615610
G3HL33	1	1	3.000997	0.001597	1.746239	31C	37C	Zyxin |ZYX	2643694	3613098	4702734	4843923	3893750	4095925	2390619	2973139	1549730	1849603	2501774	2360487	3900065	5130169	4853138	4623799	3934624	1778789	1704343	1776304	805602.7	813326	2501774	2696602
G3I668	2	2	9.851424	0.002413	1.748087	31C	37C	Guanine nu	2938786	2338748	4588799	3689954	3058378	3778793	2379513	2547121	1334574	1581039	2043661	1780252	4335395	3320743	4735559	3522271	3090483	1641064	1696425	1521779	693757.5	695230.1	2043661	2033746
G3HWI4	1	1	3.435361	0.000137	1.751903	31C	37C	Cytochrom	8700490	9146030	12974149	14257123	9536374	12077040	5677708	7080728	6242238	6917305	5849707	6300187	12835253	12986273	13389092	13609234	9636481	5244849	4047806	4230386	3244930	3041746	5849707	7197284
G3HNP4	4	4	13.92306	1.05E-05	1.753683	31C	37C	rRNA 2'-O-	16754743	14176551	16407929	14891791	14160934	18363312	9401798	9997129	9593018	9199704	8979425	6861073	24717155	20129014	16932692	14215061	14309587	7974867	6702820	5972792	4986781	4045385	8979425	7838035
G3HFY9	4	4	20.94841	1.19E-05	1.754024	31C	37C	Ubiquitin-c	14510866	12681060	18113400	18784323	15847475	16459141	7994661	8811225	8826064	9322073	9586179	10416999	21406912	18005595	18692709	17930704	16013831	7147919	5699631	5264272	4588091	4099195	9586179	11900298
G3H3P5	3	3	6.857564	0.003435	1.755547	31C	37C	Kinesin-lik	803836.1	1087413	1016652	1061193	722177.4	626878.6	580894.8	654902	526053.7	587403.8	328275.7	351811.2	1185846	1543997	1049167	1012969	729758.3	272242.5	414137.1	391271.7	273460.8	258299	328275.7	401906.3
G3HQ86	1	1	2.159549	1.26E-05	1.756867	31C	37C	BH3-intera	7495804	7815998	7563634	8170163	6446230	7232055	3782380	4866689	3321815	4072843	4397734	5015146	11058059	11097787	7805536	7798885	6513898	3140756	2696571	2907607	1726794	1790951	4397734	5729263
G3HK56	3	3	14.12365	1.31E-06	1.756936	31C	37C	Lysosome-	5360341	4919265	5380916	5239388	4897618	5530251	2915603	3035137	2482395	2639136	3437259	3321386	7907753	6984770	5553010	5001294	4949030	2401692	2078619	1813344	1290434	1160507	3437259	3794325
G3ICW1	2	2	11.1778	1.89E-06	1.757734	31C	37C	Osteoclast	12770051	12214161	12723218	13465968	9829360	12375571	6679913	7485490	6090241	6582564	7300203	7607570	18838805	17342654	13130136	12854032	9932542	5374495	4762308	4472211	3165917	2894551	7300203	8690828
G3GV64	2	2	4.96985	0.001438	1.758348	31C	37C	Mammalia	835024.7	830538.2	646565.8	612587.5	561716.7	563904.6	310978.1	421069.3	313212.4	263308.1	526361.9	468560.2	1231856	1179265	667244.5	584749.6	567613.2	244894	221705.5	251568.2	162818.6	115784.5	526361.9	535279.5
G3HV50	2	2	6.952655	5.60E-07	1.759411	31C	37C	Prefoldin s	4482385	3917467	4742306	4136715	3972947	4180688	2287885	2076328	2737409	2306021	2620843	2426642	6612564	5562336	4893976	3948730	4014653	1815600	1631101	1240503	1422999	1014026	2620843	2772176
G3I5W2	1	1	9.650198	0.004847	1.763541	31C	37C	TAR DNA-b	10931365	11269359	16553292	16357447	10682907	16475556	7625477	11378216	4624217	5991599	6791648	10239268	16126313	16001148	17082704	15614113	10795049	7155048	5436429	6797923	2403827	2634685	6791648	11697260
G3HFM4	21	21	68.8797	0.00217	1.764343	31C	37C	Filamin-B |	6414843	6239147	7794909	7936672	5834492	7195062	4667409	4857547	2319315	2537309	4308462	4783354	9463390	8858845	8044208	7576004	5895739	3124690	3327534	2902145	1205660	1115731	4308462	5464466
G3ICY6	1	1	2.103419	0.002373	1.765541	31C	37C	40S riboso	2621950	2531807	3670141	3647152	1843811	1860170	1674535	1764978	1443903	1296540	1544640	1436917	3867988	3594864	3787521	3481414	1863166	807839.6	1193826	1054487	750590.5	570127.7	1544640	1641523
G3I277	1	1	3.209109	0.002043	1.766309	31C	37C	Dihydrolip	19944636	21245365	25779330	27661527	14395858	17243178	12618176	15371797	7709455	11607336	11442515	12738711	29422992	30165887	26603812	26404500	14546977	7488413	8995872	9183890	4007639	5104093	11442515	14552603
G3GVN0	2	2	5.307424	9.83E-06	1.766416	31C	37C	Phosphom	2633019	2434287	2581014	2783695	2445023	2861300	1393996	1616018	1135538	1364690	1640814	1758701	3884317	3456397	2663561	2657196	2470689	1242613	993820.9	965491.1	590291.5	600094.9	1640814	2009126
G3IEU2	3	3	10.50954	4.76E-05	1.766768	31C	37C	Protein DJ-	13646144	15319273	15726689	17919938	12794790	15930227	7442479	9155167	6791745	7950320	10098862	10258694	20131247	21751543	16229664	17105600	12929101	6918220	5305964	5469761	3530582	3495994	10098862	11719452
G3I0C8	2	2	6.269935	0.041155	1.767083	31C	37C	Acetyl-CoA	701762.2	478753.8	1410611	920543	621692.1	921349.1	891790.1	797142.8	266056.3	298253.2	363447.5	243793.8	1035263	679773.4	1455726	878710.7	628218.3	400125.9	635783.6	476253.5	138305.2	131150.9	363447.5	278508.2
G3GWR2	3	3	15.00864	0.000126	1.76797	31C	37C	Voltage-de	15077561	14525838	20566419	20865934	13243561	15983763	10201203	11104824	8998130	10086505	8316091	8004089	22242920	20624960	21224180	19917720	13382583	6941471	7272740	6634584	4677537	4435339	8316091	9143809
G3I8R8	1	1	3.300345	0.006611	1.769451	31C	37C	GTPase-ac	724003.3	1037051	1331279	1440558	811824	923309.8	943311.1	744816.2	427517.2	448813.7	484827.2	493071.2	1068074	1472489	1373857	1375095	820346	400977.4	672514.4	444990.9	222238.2	197356.8	484827.2	563280.7
G3H412	6	6	29.50557	2.21E-06	1.771057	31C	37C	Proliferatin	46213789	47098120	47159828	51932914	39899313	49361693	23231864	29542351	24346053	28886235	23671539	29360092	68176121	66873720	48668107	49572918	40318150	21436925	16562684	17650097	12655915	12702143	23671539	33540738
G3H0T1	1	1	2.971363	1.82E-06	1.77143	31C	37C	Eukaryotic	8556228	8478044	9383349	9723742	7014206	7286079	4388924	4653527	4659991	4794662	4916155	5061846	12622433	12037812	9683450	9281864	7087837	3164217	3128994	2780253	2422424	2108357	4916155	5782613
G3H451	3	3	7.555888	0.000112	1.77261	31C	37C	Nucleolar	3065901	2993418	3030258	2945248	3139382	3302001	1598719	1975672	1127904	1605277	2133438	1982155	4522919	4250297	3127173	2811407	3172337	1434001	1139774	1180367	586323.5	705888.3	2133438	2264398
G3HZA8	1	1	7.072086	0.000174	1.773555	31C	37C	GAPDH |G	41572006	42994287	38478000	40322152	26418381	31724978	19076091	23023754	16234062	20382769	21748458	24430810	61328407	61046767	39708615	38489786	26695704	13777607	13599910	13755557	8439023	8962915	21748458	27909566
G3HS67	1	1	3.318645	0.039273	1.775649	31C	37C	Heme oxyg	301673.4	251318.5	809374.2	804336.2	527150.5	535398.8	282318.6	299888.1	285837	301379.9	264405.9	384801.8	445038.7	356842.3	835259.8	767784.6	532684.2	232514.4	201273.3	179168.3	148587.9	132525.8	264405.9	439594.5
G3HDT6	3	3	7.246387	8.72E-05	1.776944	31C	37C	Histone H2	66494928	64305772	43992901	42749733	52334343	57884851	28013205	29862275	26692893	29822997	34574613	35486978	98095531	91306536	45399894	40807050	52883715	25138385	19971444	17841236	13875883	13114066	34574613	40540045
G3I5L3	7	7	29.52244	1.83E-06	1.777408	31C	37C	Annexin |A	86172756	87908195	94266109	96474214	73983173	87231287	51216385	57712546	41611782	48712511	46337961	50365407	1.27E+08	1.25E+08	97280955	92090121	74759800	37883032	36513678	34480399	21631234	21420351	46337961	57537046
G3HHH5	2	2	7.765696	0.000174	1.777784	31C	37C	Voltage-de	4507710	4621673	6353063	6247520	3996656	5487278	2688460	3610111	2803408	3326707	2421207	2707866	6649924	6562225	6556249	5963613	4038610	2383029	1916683	2156863	1457308	1462853	2421207	3093444
G3HTE5	4	4	9.765698	0.000114	1.778019	31C	37C	Lysosomal	2051420	1973590	1862845	1579012	2349196	2115584	1037325	928598.6	1176078	860331.4	1341815	1366493	3026323	2802262	1922423	1507256	2373857	918761.4	739539.4	554791.8	611365.9	378313.5	1341815	1561071
G3I3Y6	2	2	5.75232	0.015838	1.778495	31C	37C	Glutathion	1946782	2261292	2844251	3205853	3767807	3759945	1040590	1343124	957846.3	1206644	2526447	2925899	2871958	3210765	2935217	3060169	3807359	1632879	741867.1	802450.1	497921.4	530597.5	2526447	3342524
G3I0Q0	8	8	24.63047	3.41E-06	1.780425	31C	37C	Non-muscl	8431865	8774877	7610430	7836894	6264678	6914517	4431137	4949717	3828249	4116783	4103823	4313174	12438968	12459280	7853829	7480761	6330441	3002855	3159089	2957212	1990055	1810273	4103823	4927336
G3HEJ5	1	1	3.700199	0.003038	1.789798	31C	37C	ADP-deper	498031.8	471275	716517.9	725870.8	501743	434754.5	291319.8	395888.6	389083.7	369326.3	186741	238350.2	734713.1	669154.4	739433.8	692884.9	507010	188806.3	207690.5	236523.9	202259.1	162403.9	186741	272289.3
G3HAN5	4	4	11.28288	0.002296	1.790748	31C	37C	Eukaryotic	1971843	2001287	3156737	3520356	2228222	3063466	1520080	2297956	1176696	1330174	1268718	1308752	2908929	2841589	3257696	3360380	2251612	1330410	1083710	1372915	611686.8	584917.4	1268718	1495108
G3I7D7	4	4	18.90187	5.74E-07	1.791789	31C	37C	RNA-bindir	14859911	15135239	17852272	18533708	14920782	17526072	9368139	10480117	8452944	9338106	8667843	8848896	21921835	21490237	18423229	17691478	15077411	7611269	6678824	6261353	4394131	4106245	8667843	10108910
G3HYJ9	5	5	17.50117	0.000111	1.793941	31C	37C	Moesin |M	10282387	11112493	13702635	15573182	11251773	14135493	7299209	8802336	5322483	6733408	6716157	7523550	15168919	15778416	14140877	14865487	11369887	6138799	5203822	5258961	2766810	2960881	6716157	8594845
G3GYZ1	2	2	5.582165	1.12E-05	1.798121	31C	37C	CD44 antig	15693286	15923069	15350743	16311152	15657731	17647085	7061624	8058478	11165150	10608972	8147462	8671631	23151258	22608861	15841695	15569922	15822096	7663822	5034441	4814543	5804029	4665083	8147462	9906404
G3GWL7	1	1	7.812899	0.010136	1.798762	31C	37C	Ribosomal	2313648	2397180	1542488	1719316	2562462	2905902	957258.6	1029702	768216.4	767708.3	1997673	1951800	3413171	3403711	1591820	1641185	2589362	1261983	682458	615196.1	399345.3	337584.4	1997673	2229721
G3IE25	1	1	4.883353	5.32E-05	1.800697	31C	37C	Clathrin lig	8974457	10531978	9656003	11776868	9502951	11861737	5371415	6858252	4215167	5865947	5392024	6897135	13239418	14954154	9964824	11241690	9602707	5151346	3829441	4097467	2191189	2579433	5392024	7879233
G3H2U4	2	2	9.236857	0.000179	1.802172	31C	37C	BolA-like p	2580519	2806028	2244575	2609133	2364101	2672109	1381670	1560394	921253.7	1197843	1561739	1853798	3806867	3984226	2316362	2490566	2388918	1160451	985033.6	932258.7	478899.3	526727.3	1561739	2117764
Q9EPP7	5	5	22.93846	1.75E-05	1.802605	31C	37C	cathepsin)	16257103	16471589	19875918	20747130	14544896	17490204	9981941	11976390	7869734	9598801	9624058	9412709	23983019	23387694	20511596	19804315	14697579	7595692	7116422	7155302	4090958	4220881	9624058	10753005
G3GW95	1	1	2.669454	0.026385	1.805434	31C	37C	Kanadaptir	465227.5	323063.1	805311.6	923938.7	457040.7	538511.6	263440.2	509851.7	183611.9	213616.4	355653.3	419670.8	686319	458711.1	831067.3	881952	461838.5	233866.2	187814.3	304611.2	95447.75	93933.52	355653.3	479428.7
G3GXU1	2	2	14.40527	9.39E-05	1.806312	31C	37C	Protein phc	17660223	17885852	21728594	22663136	19384730	21958004	11979364	13503412	7897095	9152231	12021392	12589125	26052950	25395779	22423524	21633252	19588218	9535979	8540444	8067622	4105181	4024510	12021392	14381718
G3H7Z2	3	3	11.95852	5.72E-06	1.806548	31C	37C	Transgelin	36759915	34964452	39064183	37571160	28531176	35313422	18711780	23971491	17759230	20990886	16921799	19108797	54229450	49645357	40313545	35863807	28830678	15336005	13340182	14321784	9231858	9230322	16921799	21829740
G3I4R2	2	2	7.97139	0.004946	1.809123	31C	37C	F-box-like/	1315374	1483227	2216657	2365390	1688264	2220832	1419491	1367157	759470.6	598422	1145122	950789.4	1940483	2106006	2287551	2257900	1705986	964468.6	1011997	816808.9	394798.9	263144.1	1145122	1086174
G3I936	2	2	9.130548	2.33E-07	1.80919	31C	37C	Epididyma	13961140	13941366	12579048	12837529	11434682	12564234	6640396	7524868	6189813	7023760	7373859	7983562	20595938	19795079	12981355	12254152	11554716	5456429	4734135	4495738	3217678	3088558	7373859	9120358
G3GX44	2	2	11.37358	0.002435	1.810219	31C	37C	Protein SEC	4506457	5134141	5826648	6823125	4027844	4359946	2459651	3584993	1609359	2421296	3006731	3865182	6648076	7289869	6012998	6513060	4070126	1893449	1753558	2141856	836600.1	1064716	3006731	4415554
G3HXM0	1	1	2.753636	0.002772	1.810554	31C	37C	NFU1 iron-	408144.7	555081.4	706179.8	893559.5	651512.7	965523.5	306759.7	433389.3	360119.1	424689.7	440615.1	343113	602108.6	788149.5	728765	852953.3	658351.8	419310.1	218698.1	258928.7	187202.3	186748.8	440615.1	391969.6
G3HPL6	3	3	6.30186	1.94E-07	1.811224	31C	37C	BAT2 doma	794332.7	815253.2	988830.6	932015.8	778762.6	851896.5	527604.4	430536.2	472858.5	475401.7	482867	460237.1	1171826	1157562	1020456	889662.1	786937.5	369963.9	376144.8	257224.1	245808.1	209048.4	482867	525771.2
G3HF65	1	1	7.576311	0.003643	1.81325	31C	37C	ATP syntha	25242685	20484665	41430016	24595253	29390786	20959834	17281418	9942681	22154155	12927272	15522509	11571222	37238850	29085784	42755043	23477567	29699312	9102492	12320435	5940262	11516491	5684509	15522509	13218873
G3HF42	1	1	3.558283	0.001299	1.813997	31C	37C	RING finge	1706641	2017244	3157388	3476815	2393413	2591408	1782790	1635586	1209541	1126006	1416294	1287851	2517694	2864246	3258368	3318817	2418537	1125404	1271004	977182	628760.7	495138.6	1416294	1471231

G3GUK0	1	1	3.43574	0.025913	1.814963	31C	37C	Putative fru	1057224	897710.6	1176847	966493.8	882045.3	943968	126807.8	792978.1	475285	477771.1	582046.5	809249.8	1559653	1274642	1214485	922573.3	891304.4	409948.9	90405.06	473765.3	247069.5	210090.3	582046.5	924480.7
G3HMU3	2	2	4.686815	0.000381	1.814972	31C	37C	Serine/argi	1513043	1381524	2193318	2349236	1768206	2417641	1045838	1364968	948496.6	1038962	1046254	959420.5	2232091	1961599	2263465	2242480	1786767	1049940	745608.8	815501.2	493061.1	456862.8	1046254	1096034
G3I2S7	1	1	2.781387	4.17E-05	1.816534	31C	37C	RNA-bindir	8356573	9174730	9763490	10422367	8938701	9937538	3895398	4060685	5350649	5604820	6140299	6102761	12327895	13027024	10075749	9948742	9032534	4315700	2777145	2426059	2781451	2464607	6140299	6971747
G3HNV4	2	2	7.046244	0.00406	1.817691	31C	37C	Triosephos	20376240	19334021	18796511	18298373	16785473	19563647	5567192	5780509	10269829	10835944	14784560	15013607	30059708	27452007	19397667	17466837	16961676	8496152	3969016	3453569	5338610	4764889	14784560	17151427
G3GVZ1	2	2	6.362711	0.000114	1.819553	31C	37C	Transcripti	5011400	5839154	5736062	6765004	4411688	6841075	3152338	4153873	2550852	3094640	2745273	3321094	7392984	8290903	5919514	6457581	4457999	2970960	2247395	2481734	1326021	1360806	2745273	3793992
G3IFA9	1	1	4.848866	6.01E-06	1.820344	31C	37C	Transcripti	58152920	59949411	78454845	82352206	62407192	69645352	38263832	43132773	33528819	38079704	35342113	37413293	85789124	85121023	80964011	78609862	63062303	30245766	27279419	25769704	17429432	16744787	35342113	42740652
G3HQH1	3	3	7.686903	2.00E-05	1.821187	31C	37C	Cold shock	2110617	1897582	2518171	2602327	1877295	2187766	1320726	1420478	971447.4	1075009	1232627	1224307	3113652	2694340	2598708	2484069	1897001	950108.9	941584.7	848665.8	504991.7	472713.5	1232627	1398638
G3H4I2	1	1	2.566261	4.70E-05	1.822804	31C	37C	Tropomyos	637013.3	607482.9	806763.6	820374.7	617727.5	706899.6	313274	323620.9	346675.9	407491.2	429296.9	481732.9	939743.3	862553.4	832565.7	783094.3	624212	306994.2	223342.3	193347.5	180214.1	179186.1	429296.9	550327.9
G3ILB1	1	1	2.74897	3.69E-05	1.8235	31C	37C	Thioredoxi	2502869	2411986	3365710	3508471	2530502	2835447	1502091	1584593	1820983	1801563	1335328	1363169	3692315	3424733	3473353	3349035	2557066	1231385	1070885	946715.9	946609.4	792201.1	1335328	1557274
G3H239	2	2	8.748169	0.010763	1.827124	31C	37C	Sarcoplasr	4904495	4684504	8373380	8166057	3975615	6571056	3830568	4538834	3535619	4132308	1841210	2194047	7235274	6651438	8641180	7794966	4017349	2853696	2730925	2711729	1837936	1817100	1841210	2506462
G3HGW5	1	1	2.30104	2.95E-05	1.830428	31C	37C	ADRM1 26S	4498345	4013279	4660396	4707392	3155192	4358128	2328514	2640871	1761327	2286018	2373371	2482464	6636109	5698378	4809446	4493473	3188313	1892659	1660067	1577790	915598.5	1005230	2373371	2835947
G3GYR1	3	3	8.417899	2.29E-06	1.831966	31C	37C	Putative E3	2201571	2375689	2477888	2661521	1939564	2098334	1464020	1328780	1182502	1105131	1261629	1166029	3247831	3373195	2557137	2540573	1959924	911270.1	1043743	793880.8	614705	485959.1	1261629	1332063
G3IP86	1	1	3.066593	0.013047	1.832917	31C	37C	Replicatior	2335658	1446012	2094549	1419629	1371834	1002991	1154170	1072758	447798.1	554405.7	1157258	889720.9	3445640	2053165	2161537	1355117	1386234	435581.8	822842.2	640919.9	232780.8	243788.8	1157258	1016410
G3H6M5	6	6	25.77241	0.0005	1.834225	31C	37C	Fumarate h	14932079	15163401	20586297	23194241	14007136	21913082	9934953	13287140	8105302	11074439	8253680	9204234	22028301	21530223	21244694	22140221	14154174	9516471	7082922	7938411	4213415	4869763	8253680	10514845
G3H853	1	1	3.275985	0.034834	1.83792	31C	37C	cAMP-depe	1460326	2292993	959388.1	1128060	2220249	2101516	1154381	470493.7	466176.1	491230.3	1488775	1458310	2154321	3255777	990071.6	1076798	2243555	912651.7	822992.6	281096.7	242334.4	216008.7	1488775	1665962
G3I4W7	2	2	11.41471	0.000153	1.838396	31C	37C	Cathepsin	12038929	13707942	12871015	12999387	11638881	16488339	7008301	8900932	5045464	5842214	7807500	8772791	17760230	19463645	13282660	12408653	11761058	7160599	4996425	5317868	2622805	2568996	7807500	10021968
G3I4E8	2	2	8.114378	0.00012	1.83879	31C	37C	Fatty acid-l	46022589	43062640	38405830	36680870	24841655	30573446	20285827	21700294	17688207	20095952	19695369	19953684	67894056	61143820	39634136	35013976	25102426	13277516	14462367	12964855	9194938	8836792	19695369	22794932
G3I592	1	1	2.502305	0.009853	1.839422	31C	37C	NADH dehy	1329308	1249189	1539848	1734806	629671.5	930478.6	717217.5	784197.3	576855.2	854090.5	423355.2	674518.3	1961039	1773699	1589096	1655971	636281.4	404090.7	511325.6	468519.2	299869.1	375569.2	423355.2	770564.5
G3HAA7	1	1	2.294331	0.008304	1.839984	31C	37C	Putative E3	275908.7	392964.1	489047.4	591304.4	495143.4	542922.3	386178.2	126788.5	190061.8	233519.5	286595.9	291701	407029.8	557962.2	504688.3	564433.6	500341.1	235781.7	275317.9	75749.87	98800.67	102685.5	286595.9	333237
G3H2Z7	7	7	25.63562	1.17E-06	1.841344	31C	37C	26S protea	21867616	18740990	20980643	21408807	15998183	19541851	10293535	11856177	10802196	11779435	9762014	9882487	32259835	26609974	21651652	20435923	16166122	8486686	7338566	7083481	5615353	5179771	9762014	11289676
G3HRJ1	2	2	4.370169	4.63E-05	1.842026	31C	37C	FACT comp	2233940	1846245	2425207	2248114	1665137	1955381	1190997	1292456	851470.5	1206908	943605	1232181	3295583	2621447	2502771	2145952	1682617	849188.2	849096.7	772178.5	442623.6	530713.7	943605	1407634
G3I7M1	2	2	6.157502	0.000121	1.844433	31C	37C	Ataxin-2-lik	2074938	1984791	2172758	2162323	1768407	1901562	1059698	1195244	773538.7	838344.8	1188291	1486069	3061017	2818166	2242248	2064060	1786970	825815.1	755490.3	714099.2	402112	368645.3	1188291	1697674
G3HAR3	1	1	2.04484	0.001478	1.844905	31C	37C	RNA-bindir	929490.6	844189.8	908614	929413.5	555778.9	533933.9	504751.1	406658.4	352342.8	297877.3	506101.7	480595.7	1371215	1198649	937673.5	887178	561613.2	231878.2	359852	242958.3	183159.9	130985.6	506101.7	549028.7
G3HE28	1	1	2.466849	0.00268	1.852073	31C	37C	Mitochond	1045997	1284186	1685686	1617016	1041137	1545556	936127.7	978099.4	779438.5	801077.6	500719.7	442580.2	1543090	1823391	1739598	1543533	1052066	671208	667393.2	584366.2	405178.9	352257.8	500719.7	505600.1
G3H8I3	1	1	2.288222	0.001867	1.852861	31C	37C	Histone de	397561.3	533981.2	754679.8	885600.6	649157.4	787030.4	352964.1	352725.5	285370.3	292956	446472.6	432658.3	586495.7	758189.7	778816.1	845356.1	655971.8	341793.6	251638.6	210736.1	148345.3	128821.5	446472.6	494265.5
G3HRG8	2	2	7.299148	0.00647	1.853199	31C	37C	Endoplasm	2813126	3459426	3216758	3360540	2499877	2392557	1834745	1883318	715644.1	951436	1884658	2304069	4150016	4911973	3319637	3207826	2526119	1039046	1308044	1125189	372016.4	418374.9	1884658	2632150
G3HE38	1	1	2.84482	0.000167	1.856997	31C	37C	Protein arg	429734.2	386542.4	595213.2	547811	445535.4	358394.7	218322.4	200265.5	270854.4	216282.6	296011.8	286274.2	633958.2	548844.2	614249.4	522916.8	450212.4	155644.6	155648.5	119648.7	140799.4	95105.95	296011.8	327037.4
G3H5A7	2	2	7.969889	4.64E-06	1.857142	31C	37C	Tight juncti	1961874	1810020	1876754	2104729	1682442	1872195	1127256	1240612	908504.1	968499.6	802679.1	1041382	2894222	2570012	1936777	2009084	1700103	813061.8	803653.9	741204.7	472271.6	425878.3	802679.1	1189667
Q3HR12	4	4	14.56246	2.89E-05	1.85726	31C	37C	Guanine nu	11817655	12229776	13016203	12546471	8639087	9243219	6593592	6991431	5141367	5446128	5967865	6199385	17433798	17364826	13432491	11976320	8729775	4014169	4700767	4177035	2672659	2394826	5967865	7082129
G3HSZ7	2	2	6.713621	0.000196	1.858987	31C	37C	Heterogen	3703232	4157227	5628364	4852029	3721484	3559253	2816282	2574211	1859967	1745791	2602272	2184031	5463131	5902768	5808372	4631537	3760550	1545722	2007811	1537964	966874.9	767676.5	2602272	2495019
G3HW48	2	2	7.034915	0.00541	1.861184	31C	37C	Dynactin su	689655.3	600490.5	701508.6	560673.1	517921.1	294648.3	314294	213968.6	317454.1	202246.4	424881.3	335089.5	1017402	852625	723944.4	535194.4	523357.9	127960.6	224069.5	127835.7	165023.6	88933.83	424881.3	382803.6
G3I9F0	1	1	3.266038	0.041276	1.864167	31C	37C	General ve	415821.7	658254.2	892371.3	977136.1	867318	1104918	470243.7	736342.2	199548.7	126061	521442.5	583367.5	613434.1	934642.5	920911.4	932732	876422.6	479846.7	335250.7	439928.1	103732.3	55432.8	521442.5	666434.5
G3H265	1	1	5.045828	0.001908	1.864974	31C	37C	Diablo-like	437121.5	399004.1	323030.3	368875.6	321311.6	324755.6	236503.4	201682.2	102443.9	134568.9	227518.2	263036.5	644856.2	566538.3	333361.6	352112.7	324684.6	141035.7	168610.3	120495.1	53253.85	59173.99	227518.2	300490.9
G3HCK3	1	1	2.244711	0.005578	1.866007	31C	37C	ATP-depen	1465804	1367578	2358444	2584417	1453347	1429718	949143.1	1315633	1006958	1211907	675001.9	553719.6	2162403	1941798	2433872	2466973	1468603	620901.8	676672.2	786025.8	523451.4	532912	675001.9	632565
G3ILI7	1	1	3.772512	0.001696	1.866846	31C	37C	26S protea	6828349	7848949	11446666	13007246	9518433	12250678	5709011	6835157	3477810	4580493	5627065	6392496	10073408	11144573	11812756	12416156	9618352	5320257	4070123	4083669	1807885	2014180	5627065	7302737
G3HMG7	1	1	8.189385	1.94E-06	1.870107	31C	37C	39S ribosoı	9946485	10012156	12871596	13656704	10137001	11966284	5438858	6254507	5881033	6504484	6363326	6234958	14673386	14216069	13283260	13036100	10243413	5196749	3877523	3736759	3057163	2860216	6363326	7122767
G3IGL0	5	5	22.92258	8.23E-06	1.871354	31C	37C	Putative he	23152597	22875611	27873689	29227931	20955204	23674741	13658427	13605038	11425804	10780814	15067968	14420681	34155481	32480643	28765154	27899721	21175178	10281529	9737497	8128339	5939526	4740647	15067968	16474073
G3I4N3	2	2	5.812751	0.002544	1.87321	31C	37C	Lysine--tRN	1128937	1168779	1489042	1208895	997289.9	1178325	616184.5	690014	468492.2	317651.3	729982.7	1006007	1665446	1659528	1536665	1153959	1007759	511726	439296.2	412249.3	243538.4	139680.8	729982.7	1149254
G3HED6	1	1	4.054541	0.016252	1.875275	31C	37C	Protein Dr1	2087694	1621598	2102985	1868997	1421454	1056915	1596856	999480.4	1069348	621634.1	804028	326334.2	3079835	2302476	2170243	1784064	1436376	458999.9	1138446	597140.2	555883.7	273351.2	804028	372801.7
G3H2S5	1	1	7.11415	0.000264	1.875608	31C	37C	RNA-bindir	7527944	9688839	11940361	14266542	7957269	10703123	5172010	6486255	4642340	5709107	5089839	6001217	11105474	13756997	12322241	13618225	8040800	4648180	3687279	3875217	2413248	2510465	5089839	6855743
G3HG95	13	13	50.26475	3.27E-07	1.879425	31C	37C	Lamin-A/C	28897226	26901517	31344942	29583780	23170933	28946993	15292852	16702812	13618154	13780805	15414769	15029483	42630150	38196950	32347425	28239400	23414167	12571176	10902727	9979106	7079184	6059833	15414769	17169564
G3HDE3	4	4	9.687744	0.00057	1.88015	31C	37C	Proteasom	3791018	3917911	4024831	4171145	5370929	6334763	2237326	2502356	1728616	2011644	3122864	3082509	5592636	5562967	4153554	3981595	5427309	2751077	1595056	1495034	898593.8	884580	3122864	3521434
G3IIA1	3	3	13.23176	0.000118	1.880775	31C	37C	Methylosoı	6029611	6180185	6310327	6546510	3792761	4178299	2955825	3190924	2630040	2959018	2840835	2989353	8895082	8775126	6512145	6249016	3832575	1814563	2107295	1906420	1367185	1301169	2840835	3415013
G3HQQ9	5	5	15.76134	0.001683	1.882402	31C	37C	ATP-bindin	95895635	89568113	71081807	70961035	62713366	70493878	29671522	32079903	28854696	32708833	60228735	61204185	1.41E+08	1.27E+08	73355166	67736341	63371691	30614266	21153707	19166159	14999663	14383054	60228735	69919181
G3H168	3	3	12.49952	0.000136	1.882845	31C	37C	PDZ and LII	2959781	2345767	3623302	3020113	2246487	2891198	1224852	1408005	1254406	1430229	1954985	1802433	4366368	3330709	3739183	2882869	2270069	1255597	873233.5	841213.5	652083.5	628914.8	1954985	2059086
G3H2U6	1	1	3.274117	2.38E-06	1.886433	31C	37C	Splicing fac	10677165	10824633	11144801	12258227	9247354	10965270	4991523	5768738	4758826	6065232	6080682	6853826	15751310	15369690	11501237	11701174	9344427	4762026	3558605	3446537	2473801	2667064	6080682	7829757
G3HXL6	1	1	2.697955	2.76E-06	1.887063	31C	37C	Annexin |A	1638465	2043418	1557178	1619657	1615423	1738239	921809.2	944687.5	706367.7	841352.9	966598.4	1030970	2417118	2901410	1606980	1546054	1632381	754886.8	657185.1	564404.2	367194.2	369968.1	966598.4	1177772
G3GZG5	1	1	3.544125	0.000137	1.890081	31C	37C	Signal reco	2453701	2477577	2561540	2987575	2001956	1876055	1139379	1643415	918183.9	1265761	1194174	1435802	3619782	3517864	2643464	2851810	2022971	814737.9	812297.2	981859.2	477303.5	556593.1	1194174	1640249
G3GRB1	3	3	10.19138	6.29E-06	1.893115	31C	37C	Calpain-2 c	1561181	1711764	2029953	2065294	1828613	2340970	1122549	1138472	1026914	1021238	915578.3	869846.3	2303106	2430501	2094876	1971441	1847809	1016642	800298.4	680180.8	533825.1	449069	915578.3	993705.6
G3HCK7	2	2	5.709307	3.11E-05	1.893991	31C	37C	General tra	1233936	1277223	1718544	1781371	1664153	1997613	883676.3	885080.7	734301	774523.3	943445.9	886092.5	1820343	1813504	1773507	1700420	1681622	867528.7	629999	528792.1	381714.9	340581.1	943445.9	1012265
G3HA24	2	2	5.810409	6.34E-06	1.897849	31C	37C	Heat shock	27716947	24927564	28503151	32553354	22411910	28741184	12000385	15610326	12552451	16223297	14440951	16036261	40888963	35394172	29414747	31074026	22647176	12481797	8555430	9326400	6525195	7133870	14440951	18319698
G3IGI9	2	2	6.017034	0.000123	1.905686	31C	37C	STE20-like	841710.1	867519	1174906	1222745	849065.8	1089215	574377.7	711832.8	514976.2	501268	475249.8	394464.7	1241719	1231774	1212482	1167179	857978.7	473027	409490.9	425285	267702.3	220422.6	475249.8	450633.4
G3IHH6	1	1	2.01889	3.13E-06	1.906792	31C	37C	Fumarylac	4461968	4539277	5206496	5259886	3463259	3908642	2353643	2323237	2182029	2365036	2456457	2395349	6582444	6445232	5373012	5020860	3499614	1697455	1677982	1388020	1134294	1039977	2456457	2736427
G3I6L2	1	1	2.829938	5.47E-05	1.908241	31C	37C	Elongator c	204724.6	183382.8	205420.6	185313.7	133127.3	148978.2	99502.72	88699.45	85005.11	70906.37	107004.1	104864	302016.6	260381.8	211990.4	176892.4	134524.8	64698.64	70938.43	52993.55	44188.58	31179.66	107004.1	119795.8
G3I783	5	5	17.43756	2.62E-07	1.908838	31C	37C	Heterogen	12445543	12677725	12912809	13254848	10719537	13217134	5446358	6416211	6509081	7103194	6592856	7342452	18360079	18000860	13325790	12652505	10832064	5739972	3882870	3833370	3383644	3123487	6592856	8387959
G3H2R3	1	1	6.26744	2.45E-10	1.909404	31C	37C	Interferon-i	4680190	5119405	4936900	5081304	4848587	5179470	2487286	2569508	2451275	2703792	2804190	2614928	6904371	7268946	5094793	4850394	4899484	2249354	1773260	1535154	1274257	1188938	2804190	2987273
G3HCK9	4	4	16.27609	4.76E-07	1.909616	31C	37C	Far upstrea	10845859	10569167	11891751	12009060	9648818	11215172	5362687	6424696	4916918	5382237	6049755	6519796	16000172	15006958	12272077	11463330	9750106	4870554	3823218	3838439	2555983	2366731	6049755	7448163
G3IKT6	1	1	4.055287	5.56E-05	1.909781	31C	37C	28S ribosoı	431000.3	409254.7	527183.9	587514	351570.5	381626.7	266598.6	270248.8	201713	237456.8	202502.9	229050.1	635826.1	581093	544044.5	560815.5	355261.1	165733.9	190066	161460.4	104857.4	104416.9	202502.9	261665
G3I2L7	3	3	13.03429	1.35E-05	1.914641	31C	37C	Coiled-coil	5287655	5271531	6859166	6956147	4541110	5232176	3212686	3406629	2733328	3125390	2681874	2675179	7800524	7484947	7078538	6640037	4588780	2272243	2290419	2035293	1420878	1374327	2681874	3056103
G3IA72	2	2	5.341587	2.98E-06	1.915599	31C	37C	Profilin |PF	8199737	8353129	8954435	9252049	6300499	7435163	3867683	4420509	3681136	4307226	4246976	4792324	12096526	11860448	9240818	8831606	6366638	3228962	2757386	2641036	1913581	1894016	4246976	5474713
G3IJJ0	2	2	9.266209	6.65E-06	1.915811	31C	37C	NHP2-like |	14422823	13185791	14471543	13287618	9961742	10501839	6269283	6772601	5954059	6052823	7224576	7308521	21277028	18722253	14934376	12683786	10066314	4560766	4469557	4046295	3095125	2661608	7224576	8349197
G3HWM5	3	3	11.10806	4.20E-05	1.922273	31C	37C	Ribosome l	2796583	2949886	2864598	2969093	2961276	3092927	1799722	1652588	1069146	1157401	1609949	1884897	4125612	4188487	2956215	2834168	2992362	1343205	1283075	987339.9	555779	508944.1	1609949	2153292
G3H6Y6	10	10	34.73348	9.32E-07	1.926523	31C	37C	NSFL1 cofa	29215591	30481229	30171839	32101414	23535386	25768152	14541203	16882812	12732400	14668019	14352223	15726307	43099812	43279715	31136804	30642624	23782445	11190661	10366854	10086647	6618739	6449968	14352223	17965610
G3IEX2	3	3	11.84432	0.000602	1.928091	31C	37C	Nuclease-s	13283103	13821834	17693688	20532625	14693060	17543983	10560317	11938298	7264989	8798288	5596896	6444777	19595675	19625358	18259573	19599558	14847299	7619047	7528763	7132544	3776591	3868871	5596896	7362463
G3I595	1	1	3.36437	0.00063	1.928249	31C	37C	Histidyl-tRI	1177012	639215.4	1120119	832180	936169.6	1315628	563776.4	475124	516349.5	700341.1	441407.6	425173.6	1736368	907609.8	1155943	794363.1	945996.9	571354.4	401932.9	283863.1	268416.2	307961	441407.6	485715
G3GTV9	1	1	3.68276	0.001853	1.933489	31C	37C	VPS26B |V	510831.9	670999.9	965286.3	1141484	875333.2	964216.9	552118.9	606893.1	395968.9	389931.7	385068.9	322297.4	753596.2	952740	996158.4	1089611	884521.9	418742.6	393621.9	362588.7	205838.3	171464.6	385068.9	368190
G3HR10	1	1	3.033685	1.15E-05	1.935869	31C	37C	Dihydropte	2048921	2338029	2980687	2892280	2500812	2724781	1530419	1542376	1239655	1064799	1387437	1234570	3022637	3319723	3076016	2760846	2527064	1183325	1091081	921493.8	644415.4	468224	1387437	1410363
G3H9J0	1	1	3.070613	8.30E-05	1.937554	31C	37C	F-actin-cap	3197680	3216450	3680062	3912858	3101427	4921494	1656915	2501745	1455750	2035442	1788820	1931319	4717324	4566975	3797758	3735045	3133983	2137319	1181264	1494670	756748.9	895044.7	1788820	2206323
G3I3F3	3	3	13.91304	2.29E-05	1.941552	31C	37C	Ribonuclea	3427384	3875642	3783786	3507146	2947932	2669443	1765528	1701639	1506769	1351220	2019967	2064761	5056191	5502951	3904801	3347770	2978878	1159293	1258698	1016646	783270.1	594172	2019967	2358766
G3H9I6	1	1	5.465284	2.20E-05	1.942565	31C	37C	Testin |TES	1295786	1242075	1632905	1746002	1613491	1648439	921553.9	866033.9	637573.2	624770	813507.5	861601	1911586	1763599	1685129	1666658	1630429	715888.5	657003.1	517412.5	331432.4	274730.1	813507.5	984286.2
G3HTV9	1	1	2.468928	8.64E-07	1.945725	31C	37C	Acyl-coenz	2730656	2896379	3061198	3042525	2668163	2690517	1601986	1522254	1209670	1223245	1677603	1548310	4028355	4112513	3159102	2904263	2696172	1168445	1142103	909471.8	628827.8	537897.5	1677603	1768777
G3GX32	1	1	2.567305	0.002675	1.953173	31C	37C	Cysteine-ri	589190.4	403732	497551.3	513371.5	505445.3	338888.1	292449.9	133195.5	408028.6	240065.2	217935.4	166556.9	869193.3	573251.3	513464.1	490042.3	510751.1	147173.2	208496.2	79577.74	212107.3	105563.9	217935.4	190273.3
G3IJF5	1	1	2.199641	3.04E-05	1.956935	31C	37C	Pinin |PNN	468747	471662.8	472112.8	471684.2	393891.8	379229.5	222125	267193	163201.5	182522.6	260438.5	262422.7	691511.2	669705	487212	450249.3	398026.6	164692.8	158359.5	159634.6	84837.74	80260.64	260438.5	299789.7
G3HKT3	1	1	7.970139	0.000441	1.957225	31C	37C	Heterogen	17247853	17453327	22554302	25028282	19955186	22696345	7317635	8432406	8638415	10044110	14666291	14734009	25444607	24781646	23275640	23890918	20164663	9856628	5216959	5037946	4490545	4416696	14666291	16832017
G3HAQ2	5	5	28.84743	2.77E-05	1.957999	31C	37C	Eukaryotic	25305285	22298334	26013183	26316558	16070694	20492170	12355664	13586612	10781969	12453927	10057735	10476200	37331200	31660978	26845144	25120650	16239394	8899393	8808719	8117330	5604838	5476365	10057735	11967929
G4Y367	2	2	5.20021	0.000177	1.958425	31C	37C	Hexokinas	1366621	1531656	1883885	1982438	1929935	2106369	1124610	1047242	710153.7	658637.3	1119615	854837.4	2016085	2174769	1944136	1892350	1950194	914759.4	801768	625675.6	369162.3	289622.6	1119615	976559.6
G3HIK0	1	1	2.205109	4.18E-05	1.961279	31C	37C	Metallothic	572011.9	710941.9	746220.2	888513.8	667408.3	865454.2	304329.3	396782.8	309924.9	391474.8	382241.1	484455.1	843851	1009453	770086.1	848136.9	674414.3	375851.7	216965.4	237058.2	161109.6	172143.2	382241.1	553437.7
G3ICG9	1	1	4.494712	0.016461	1.96275	31C	37C	Atlastin-3 |	268473.8	496078.5	498094.1	738235.9	408567.8	475180.4	128202	397442.4	210050	301351.1	104547.2	328095.2	396061.5	704372.4	514024.3	704688.1	412856.7	206362.6	91399.02	237452.2	109191.2	132513.1	104547.2	374813.4

G3GRJ5	1	1	2.81901	3.20E-05	1.967759	31C	37C	Putative rib	2503492	2457406	2539230	2655282	2630130	2769503	976089.1	976276.8	1758632	1316309	1376359	1501288	3693235	3489223	2620440	2534618	2657740	1202747	695882.9	583277.2	914197.2	578820.4	1376359	1715060
G3HDA8	1	1	7.220253	0.000454	1.968253	31C	37C	Heterogen	16334152	9072117	14898492	13067160	13598115	15642757	6317989	5783176	5193214	6129170	9901240	8647865	24096685	12881325	15374980	12473347	13740860	6793378	4504282	3455162	2699611	2695180	9901240	9879253
G3HVD5	1	1	2.390353	0.006326	1.970029	31C	37C	BRISC com	64640.22	166351.7	142169.3	143062.9	92735.62	92154.57	48163.33	83582.42	66610.53	50625.24	70862.7	36046.15	95359.41	236199.7	146716.2	136561.7	93709.1	40021.13	34337.06	49936.37	34626.44	22261.44	70862.7	41178.84
G3GXQ4	1	1	3.322062	0.019088	1.971167	31C	37C	Trifunction	506871.6	703189.3	618990.1	620404.6	737742.4	560073.9	390997.1	455020.3	70021.74	235042.7	481547.2	268413.5	747753.9	998445.1	638786.8	592211.4	745486.8	243230.4	278753.4	271852.2	36399.7	103355.3	481547.2	306633.4
G3H5W5	2	2	11.77136	1.14E-05	1.979067	31C	37C	LIM and SH	35408760	35995990	43825499	44958932	38218467	42980842	22539126	24639691	14881060	17655541	20736028	21519386	52236181	51110018	45227139	42915856	38619660	18665832	16068810	14721000	7735686	7763670	20736028	24583577
G3HUZ5	1	1	2.283437	0.000985	1.979122	31C	37C	Pleckstrin-	312767.4	392660	215388	275550.9	241714.2	309161.6	218436.9	183914.3	146534.3	124175.4	115053.2	94723.23	461404.9	557530.5	222276.6	263029	244251.6	134263.5	155730.1	109879.7	76173.55	54603.63	115053.2	108211.1
G3IGW0	3	3	10.10715	6.20E-06	1.981727	31C	37C	Protein CTI	14251984	14883263	11373804	12710338	11754312	13583253	6537324	7265970	4989828	5839623	7318845	7689066	21025002	21132460	11737565	12132740	11877701	5898970	4660652	4341058	2593884	2567857	7318845	8783928
G3HND2	1	1	3.510761	2.02E-05	1.983364	31C	37C	Histone de	1012444	1116197	1202880	1354887	984259.7	923591.1	493546.1	502220.7	444222.4	536218.6	649687.2	698889.8	1493592	1584867	1241351	1293316	994591.8	401099.6	351863.6	300052.1	230922.1	235791.4	649687.2	798406.2
G3I7A8	4	4	15.888	1.17E-06	1.986006	31C	37C	Proteasom	34877466	36084051	38386760	39510454	27389589	30641267	17523280	19133709	15212577	16688072	17320446	18295589	51452400	51235054	39614456	37714974	27677107	13306970	12492865	11431448	7908020	7338245	17320446	20900737
G3H4C2	1	1	2.689377	0.002844	1.986979	31C	37C	Microtubul	144634.7	111930.3	110264.8	101240.2	68639.46	85488.38	54968.06	60585.63	29968.07	34411.46	53651.76	79552.61	213370	158927.7	113791.3	96639.55	69359.99	37126.12	39188.36	36196.93	15578.43	15131.75	53651.76	90880.28
G3GXB1	2	2	6.682519	3.30E-06	1.988662	31C	37C	THO compl	8744563	7119030	10709494	9809630	9285635	10294338	4392970	4652915	4280570	4220363	5524208	5069849	12900271	10108174	11052008	9363850	9383109	4470652	3131878	2779887	2225187	1855820	5524208	5791756
G3HSA7	2	2	4.30459	0.008524	1.990588	31C	37C	Thioredoxi	810871.6	1095110	852723.3	1225257	963025.4	1237050	405538.4	507585.2	186909.4	336783.7	818170.1	851651.7	1196225	1554925	879995.4	1169578	973134.6	537229.4	289120.4	303257.1	97161.95	148093.9	818170.1	972920.2
G3GZD2	3	3	9.526349	4.60E-06	1.991634	31C	37C	Phosphogl	3239451	3020338	3033267	2505484	3110402	3523470	1557344	1410093	1390029	1249846	1837895	1809710	4778946	4288521	3130278	2391627	3143053	1530182	1110277	842461	722585	549594.9	1837895	2067398
G3IH96	2	2	7.997815	0.002281	1.996119	31C	37C	Eukaryotic	833553.1	765789.2	1171566	1070645	491364.6	566863.3	502637.5	516665.5	365135.7	410507.4	349255.4	310452.7	1229685	1087329	1209036	1021992	496522.6	246178.9	358345.2	308682.1	189810.1	180512.4	349255.4	354658.7
F7J0L2	2	2	5.880025	0.000984	1.996351	31C	37C	Splicing fac	13990561	11719908	10389823	10776638	9857240	12846999	3217354	3965236	5695641	5991381	8217046	7767525	20639341	16640873	10722113	10286913	9960715	5579228	2293747	2369033	2960790	2634590	8217046	8873560
G3HNJ3	1	1	2.470316	0.038153	1.9987	31C	37C	Clusterin |	357314.5	318044.2	88121.67	123226.4	140928.9	162274.2	91867.57	115780.3	63736.03	88693.56	102022.5	133241.9	527122.3	451584.8	90940	117626.6	142408.3	70472.84	65495.11	69172.99	33132.18	39001.22	102022.5	152214.5
G3GZQ9	2	2	5.891464	0.000487	1.999558	31C	37C	DNA helica	2903354	3700144	4781934	5747905	4270360	5514045	1712306	2411890	1682683	2492236	2468142	2694586	4283125	5253764	4934871	5486702	4315187	2394654	1220754	1440985	874716.6	1095911	2468142	3078273
G3I518	3	3	7.582251	0.016518	2.001831	31C	37C	Elongation	1466427	1646391	2161072	2007486	702704.8	827451.1	688541	916642	848451.6	889190.6	434967.4	623943.6	2163322	2337680	2230189	1916259	710081.3	359347.6	490881.3	547648.4	441054.3	391003.8	434967.4	712788.3
G3I4E6	1	1	2.430772	1.65E-09	2.002385	31C	37C	Inositol-1-r	1172401	1153334	1283121	1278918	1103777	1145636	557224.3	640873.9	556413.7	609064.1	605193.8	595573.3	1729564	1637597	1324158	1220800	1115363	497529.6	397261.7	382890.5	289242.9	267823.7	605193.8	680378.2
G3IC05	1	1	4.375126	3.35E-06	2.003068	31C	37C	Density-reg	7000656	7417259	8580916	8934252	7166692	8124050	4346515	4989820	3188196	3661234	3738640	3651343	10327600	10531625	8855353	8528251	7241924	3528134	3098759	2981171	1657334	1609954	3738640	4171265
G3H4T5	2	2	5.28119	0.001634	2.004492	31C	37C	Glypican-1	988900.2	1018509	914576.6	846060.7	1045695	961585.9	616070.3	421463.5	294578.5	244138.7	670617.3	634324	1458859	1446162	943826.8	807613	1056672	417600.1	439214.7	251803.7	153132	107355.1	670617.3	724646.8
G3HYW4	1	1	3.935346	0.000208	2.00829	31C	37C	Lysosome-	9817651	9487955	9520768	9073880	6797563	9840766	5065536	5523222	2574106	4251256	4894612	4847990	14483326	13471766	9825264	8661534	6868919	4273674	3611371	3299853	1338109	1869405	4894612	5538305
G3H7A8	1	1	2.659254	6.23E-08	2.010818	31C	37C	Kinectin | K	735972	657280.1	789815.6	831248	692053.7	747261.9	370977.5	359572.5	327019	349341.5	418446.1	389479.3	1085730	933259.5	815075.7	793473.5	699318.5	324522.9	264480.8	214826.8	169995.7	153615.9	418446.1	444938.1
G3I7W3	1	1	3.033421	0.000169	2.011006	31C	37C	Dynactin su	292186.7	413489.5	511942.7	543296.5	369293.7	533792.2	195753	218713.8	266538	219361.6	246468.2	177876.2	431043.5	587105.9	528315.8	518607.4	373170.3	231816.7	139558.1	130670.7	138555.6	96459.88	246468.2	203204.4
G3HTV2	1	1	1.923783	0.004612	2.011174	31C	37C	WW domai	224263.4	306203.4	487435.2	490596.2	362593.7	275608.1	192828.5	204615.4	84126.13	211757.9	171831.7	202226.7	330840.8	434772.4	503024.5	468302	366400	119691.8	137473.1	122247.6	43731.65	93116.29	171831.7	231022.2
G3GUY5	1	1	4.329971	0.003107	2.018811	31C	37C	Protein KIA	2780678	2096747	3054029	1928449	2236849	1940321	1398545	941641.9	1062451	503250	1856281	1190971	4102149	2977131	3151704	1840814	2260330	842647.7	997064.1	562584.6	552298.8	221294.1	1856281	1360556
G3GRU2	1	1	3.57054	0.000511	2.018983	31C	37C	Zinc finger	1044641	964945.1	1460609	1708240	1474156	1737348	775744.1	985935	504814.8	614672.2	676738	597623	1541090	1370107	1507322	1630612	1489631	754500.2	553050.9	589047.5	262420.1	270289.8	676738	682719.8
G3HYU7	4	4	10.11226	1.14E-06	2.021781	31C	37C	Exportin-5	2047638	1753219	2051971	2264852	2085682	2229611	805894.3	991175.4	1049918	961820.2	1156229	1184478	3020744	2489362	2117598	2161930	2107576	968281.2	574545.9	592178.4	545783.4	422941.2	1156229	1353139
G3GWQ1	7	7	19.4895	8.55E-07	2.02245	31C	37C	Vinculin | V	6270271	6652728	6638699	6996356	5090759	5572973	3164437	3469766	2581633	2832705	3127589	3228172	9250113	9446081	6851019	6678419	5144198	2420245	2256021	2073014	1342021	1245625	3127589	3687838
G3GW85	1	1	2.973078	0.000195	2.023559	31C	37C	WD repeat	1390323	1558967	2088049	2257142	1616436	1728652	955646.9	1051457	559688.8	775499.5	1081418	834138.5	2051051	2213547	2154829	2154571	1633404	750723.7	681309	628193.6	290945.5	341010.4	1081418	952913.2
G3HM98	3	3	7.855382	3.52E-05	2.024416	31C	37C	Drebrin-lik	555334	595570.8	784866.9	802297.3	864489.1	689642.8	346904.2	321014.8	353008.2	274313.2	461230.9	363745.3	819247.2	845639.6	809968.7	765838.4	873564	299499.9	247318.3	191790.5	183505.8	120623.8	461230.9	415539.8
G3I255	11	11	50.42033	8.26E-07	2.025348	31C	37C	L-lactate d	3.2E+08	2.96E+08	3.04E+08	3.02E+08	2.44E+08	3.05E+08	1.59E+08	1.6E+08	1.22E+08	1.23E+08	1.58E+08	1.52E+08	4.72E+08	4.21E+08	3.14E+08	2.88E+08	2.47E+08	1.32E+08	1.13E+08	95605857	63321079	54055423	1.58E+08	1.74E+08
G3GUM9	6	6	22.96891	9.48E-05	2.028836	31C	37C	Putative rib	4047475	4457678	3772660	4159329	3781967	4053359	1862286	1715526	1498137	1450597	2543989	2893203	5970969	6329372	3893318	3970316	3821668	1760303	1327679	1024942	778783.1	637871	2543989	3305173
G3HAJ0	1	1	3.598147	3.73E-05	2.029183	31C	37C	Golgin subf	1489809	2005275	2023403	1909020	1568225	2372737	724842.2	1139484	788026.1	1047919	1021420	880793.3	2197816	2847252	2088116	1822268	1584687	1030438	516761.4	680785.3	409643	460801.4	1021420	1006211
G3H832	2	2	7.890651	0.000928	2.034667	31C	37C	Translation	50788393	45059655	75912019	79350443	58114660	97911915	31181045	38634064	24306818	26819120	39221052	39938051	74924728	63979342	78339860	75744508	58724711	42521443	22229890	23081948	12635519	11793171	39221052	45624916
G3HF04	1	1	3.345238	2.67E-05	2.034758	31C	37C	Receptor e	472771.7	464637.7	566394.7	571535.1	630257.6	687010.9	255187	290009.2	232411.6	218851.5	324942.2	345925.9	697448.6	659730.2	584509.3	545562.8	636873.7	298356.9	181930.3	173266.2	120815.6	96235.57	324942.2	395183
G3GUB4	1	1	3.659094	0.000373	2.041099	31C	37C	Histone ac	2254094	2407388	2094327	1943802	1974057	1698990	700602.3	954178.9	677064.4	894306.8	1270061	1565549	3325314	3418204	2161308	1855470	1994779	737841.6	499480.1	570074.8	351961.3	393253.5	1270061	1788471
G3H5G6	3	3	16.162	3.61E-07	2.044264	31C	37C	Thioredoxi	2416372	2728589	3020038	3138475	2367978	2650431	1387201	1511414	1158283	1230964	1302678	1393693	3564712	3874272	3116626	2995852	2392835	1151036	988976.9	902995.2	602115.1	541291.7	1302678	1592144
G3HXZ3	2	2	12.57582	6.91E-07	2.053275	31C	37C	Tetraspani	21120805	20225343	21610914	20122211	15962360	17820543	10687660	10959917	8946436	8280721	8881158	9159126	31158115	28717579	22302081	19207795	16129922	7739152	7619550	6548010	4650665	3641281	8881158	10463313
G3IEA9	1	1	2.62303	0.001804	2.056157	31C	37C	Far upstrea	931164.5	920684	1361762	1576971	1003162	671834.4	826024.3	562958.5	524685.7	428004.1	437578.8	365245.5	1373685	1307262	1405315	1505308	1013692	291766	588897.2	336340	272749.6	188206.2	437578.8	417253.6
G3HHY9	2	2	10.84908	9.35E-06	2.062379	31C	37C	V-type prot	1896463	1900629	1925592	2138103	1593348	1939873	744883.8	1151870	689143	998812.6	915477.5	1024503	2797726	2698667	1987177	2040941	1610074	842453.2	531049.7	688185.7	358240.2	439207.8	915477.5	1170384
G3HIC5	2	2	5.413553	4.27E-06	2.07344	31C	37C	RuvB-like h	2907138	2719383	3051683	2845183	2507390	2717017	1345076	1143712	1891733	1156273	1368559	1171945	4288706	3861199	3149283	2715889	2533711	1179953	958944.2	683311.3	983387.8	508447.7	1368559	1338821
G3H945	6	6	19.85845	3.21E-06	2.081334	31C	37C	Eukaryotic	18409512	17173549	22081541	22769300	14805494	18933207	9128044	9984797	7807226	8191334	9737726	10006367	27158325	24384395	22787759	21734591	14960912	8222363	6507653	5965424	4058464	3601975	9737726	11431195
G3HGT4	1	1	2.531604	0.000138	2.085725	31C	37C	Uncharacte	3379983	2580274	4937121	4397576	4156349	4401933	2250209	2118198	1783210	1349747	2015836	1919225	4986264	3663681	5095021	4197737	4199980	1911683	1604241	1265519	926973.6	593524.1	2015836	2192507
G3H155	1	1	3.333329	0.024252	2.088977	31C	37C	Core histor	1567024	1737626	1718039	1705393	985102.2	919415.9	1377872	1157517	628548.8	574178.3	191467.7	202869.2	2311726	2467222	1772986	1627894	995443.2	399286.3	982326.1	691559.6	326741.3	252483.4	191467.7	231756.2
G3IHH9	1	1	2.250246	0.029179	2.090871	31C	37C	Isoamyl ac	2691042	2431883	1420922	1653404	2766221	3357643	984384.6	683356.8	372431.5	242863.5	2157341	2408977	3969915	3452984	1466366	1578268	2795259	1458166	701797	408272	193602.7	106794.4	2157341	2751997
G3HVG9	4	4	17.21094	0.000116	2.095075	31C	37C	Matrin-3 | M	3226171	2912494	3482292	3254110	2672213	2469824	1785529	1355635	1036309	959400.8	1746487	1716382	4759355	4135394	3593663	3106232	2700264	1072602	1272957	809925.3	538709.1	421877.3	1746487	1960781
G3I5Z8	15	15	42.98904	0.000115	2.096731	31C	37C	Proteasom	3131184	3623425	3230865	3876897	2766565	2671563	1480773	1575508	1028707	1168833	1921981	2029241	4619227	5144831	3334195	3700719	2795606	1160213	1055687	941288.5	534757.3	513970.9	1921981	2318189
G3HXY1	8	8	32.37824	1.46E-05	2.098966	31C	37C	PDZ and LII	10629723	9932227	12587086	13398126	8404757	11328571	6146825	6152047	5029510	5501710	4117559	4630043	15681322	14102579	12989650	12789273	8492985	4919802	4382254	3675545	2614512	2419267	4117559	5289325
G3INC5	2	2	5.931981	6.35E-05	2.107436	31C	37C	Cathepsin	7976610	5578205	10148762	7312715	7394473	7234700	3810735	2752440	4107996	2834418	4543784	3609870	11767360	7920386	10473343	6980403	7472095	3141904	2716786	1644447	2135478	1246378	4543784	4123887
G3HRJ2	7	7	20.8929	1.56E-05	2.110442	31C	37C	182 kDa ta	1519302	1674121	2144014	2185643	1375965	1375336	804201.3	784640.1	674235.3	856341.9	871151.1	877785.6	2241325	2377053	2212585	2086320	1390409	597284.6	573339	468783.8	350490.7	376559.2	871151.1	1002775
G3HBE9	1	1	2.918338	0.018321	2.113303	31C	37C	Leucine-ric	8640589	7630511	18369629	13880409	8534754	6382731	9333718	2355315	5744970	2123565	6414105	4047037	12746885	10834417	18957132	13249639	8624346	2771909	6654284	1407185	2986433	933795.1	6414105	4623303
G3HZG6	3	3	12.24983	6.09E-05	2.115686	31C	37C	Large proli	6807696	7378457	9402124	10375865	7643766	9064686	4471788	4904911	2689093	3255140	4184150	4445828	10042939	10476530	9702826	9904353	7724005	3936636	3188070	2930443	1397883	1431383	4184150	5078879
G3ICC2	3	3	10.94622	3.68E-06	2.11574	31C	37C	BAG family	2684260	2501349	3359585	3107438	2705718	2925626	1622264	1617770	1094612	1113150	1383075	1338361	3959909	3551618	3467032	2966226	2734121	1270548	1156560	966538	569016.8	489485.5	1383075	1528934
G3H4J6	1	1	2.919144	0.002498	2.116392	31C	37C	Sec1 family	937230.9	809126.3	869880.4	677520.8	543031.9	823865.9	534245	628586.4	316321.8	298064.6	233737.6	191214.8	1382634	1148863	897701.1	646732.1	548732.3	357790.6	380879.1	375549.4	164434.9	131067.9	233737.6	218442.3
G3HSA2	10	10	40.92987	7.99E-06	2.119663	31C	37C	Myb-bindir	6314721	6716471	6578374	7524909	5737944	7982290	3371530	4232729	2717865	3526070	2576352	2849610	9315687	9536588	6788765	7182954	5798178	3466570	2403664	2528847	1412840	1550519	2576352	3255372
G3HWB8	2	2	9.764768	0.002334	2.135056	31C	37C	Superoxide	6754435	7153451	8554927	9235449	8912774	9336477	2299101	2334465	2640541	2885495	6490662	6743744	9964367	10157049	8828533	8815761	9006334	4054670	1639097	1394728	1372644	1268838	6490662	7704000
G3GU78	1	1	3.768935	2.26E-05	2.135316	31C	37C	Paxillin |	636841.3	617855.5	821639.1	939334.8	589709.3	683667.2	269302.3	383077.8	272906	328360.9	349946.1	405030.6	939489.5	877281.3	847917	896648.4	595899.7	296904.8	191993.6	228870.1	141865.9	144390.1	349946.1	462703.8
Q9JJN7	1	1	2.171274	0.000279	2.136568	31C	37C	Carbonyl re	3198313	1485978	1571191	1835027	1355237	1842844	806984.1	938952.2	763716.2	824865.9	974693.3	974302.4	4718258	2109912	1621442	1751637	1369463	800315.3	575322.8	560977.6	397005.9	362718.3	974693.3	1113035
G3I2Q7	1	1	4.514092	0.002555	2.139955	31C	37C	Transcripti	6506673	7797246	10226499	13670471	5751285	7632810	3909556	5864795	2166437	3712278	3358384	5094194	9598861	11071161	10553565	13049241	5811658	3314797	2787238	3503926	1126188	1632400	3358384	5819567
G3IAI6	9	9	36.29055	6.35E-07	2.142345	31C	37C	Heme oxyg	12646526	11937339	11063984	11395817	8479693	9361693	4551417	4843651	5539256	5257917	4983204	5111478	18656576	16949600	11417836	10877955	8568707	4065621	3244840	2893843	2879496	2312064	4983204	5839312
G3IDS2	1	1	3.945057	0.020451	2.142894	31C	37C	F-actin-cap	8516842	9080156	6051314	7989872	8892710	6316036	2690987	3568424	810952.1	960413.6	5688209	8142538	12564329	12892740	6244849	7626787	8986060	2742945	1918484	2131958	421560.8	422322.7	5688209	9301972
G3I7H7	1	1	4.799399	0.001513	2.147437	31C	37C	Acyl-CoA d	2701087	2583592	5052192	4607088	2722415	2472202	2287013	1888355	1590061	1351988	1119434	1141111	3984734	3668393	5213773	4397728	2750994	1073634	1630479	1128199	826568.2	594509.5	1119434	1303596
G3HR92	1	1	2.236142	1.89E-05	2.149858	31C	37C	Golgi SNAF	93711.44	87957.93	86021.24	90100.17	82950.21	63737.86	31106.44	38811.47	30480.99	39027.38	41204.41	54026.17	138246.2	124889.8	88772.4	86005.74	83820.96	27680.25	22176.7	23187.94	15845.07	17161.51	41204.41	61719.07
G3II02	1	1	4.865499	0.00032	2.156749	31C	37C	Serine/thre	2759193	2191195	2820664	2037026	2375613	1510479	1440875	1053255	913735.6	652522.9	1218218	1070843	4070453	3111236	2910875	1944457	2400551	655974.9	1027242	629267.7	474991.2	286933.9	1218218	1223323
G3H6T8	1	1	3.441689	4.08E-06	2.156868	31C	37C	Vacuolar p	4309791	4750295	5308594	5361259	4721767	4448022	2192031	2320166	1694519	1863435	2427580	2901200	6357947	6744853	5478375	5117627	4771333	1931699	1562764	1386185	880869.4	819408.3	2427580	3314308
G3HSW9	1	1	3.965923	0.004496	2.159713	31C	37C	Isocitrate c	1702428	1903286	2839436	2844523	1592255	1050185	1424138	1168373	706473.1	549377.2	795986.6	880513.3	2511479	2702439	2930247	2715259	1608970	456077	1015310	698045.1	367249	241577.6	795986.6	1005891
G3GWX6	2	2	6.423942	5.63E-07	2.161626	31C	37C	Leukocyte	3430884	2976878	3369134	3022118	3287466	3087959	1456129	1646495	1171070	1242147	1664343	1690192	5061355	4226813	3476887	2884783	3321976	1341047	1038118	983699.5	608762.3	546209.5	1664343	1930862
G3HX69	2	2	6.330678	4.71E-06	2.164513	31C	37C	LIM domair	3125678	3113500	3160382	3222074	2280286	2530393	1486301	1676756	1134346	1145792	1218978	1391514	4611105	4420799	3261458	3075653	2304223	1098906	1059628	1001779	589672.1	503838.9	1218978	1589655
G3IBM7	1	1	2.44516	0.013647	2.166432	31C	37C	Protein pho	321084.7	94628.03	222504.9	238932.8	178976.4	172302.8	147632	166227.4	62515.83	46301.04	92678.1	51674.76	473674.8	134360.5	229621.1	228075	180855.2	74828.12	105251.2	99312.64	32497.87	20359.95	92678.1	59032.84
G3I740	2	2	6.22858	2.95E-05	2.168069	31C	37C	Pantethein	4077469	2865904	4951145	4801953	3542678	3705682	1970775	1545423	2199828	1512846	2126875	1688563	6015217	4069242	5109494	4583737	3579867	1609313	1405024	923313.9	1143546	665243.6	2126875	1929001
G3GUC8	3	3	8.238358	2.64E-06	2.169754	31C	37C	Obg-like AT	8127435	7328438	9039379	7816010	7294001	7408540	4303261	4093760	3045497	2659374	3753581	3812333	11989863	10405509	9328480	7460826	7370569	3217400	3067922	2445820	1583154	1169406	3753581	4355179
G3HVB8	1	1	2.187967	4.32E-06	2.177456	31C	37C	Platelet-ac	2393817	2396040	2462886	2821299	1960560	1997072	934696	1099134	881842	981566.7	1175808	1371020	3531439	3402091	2541655	2693091	1981141	867293.8	666372.5	656678.4	458411.8	431624.3	1175808	1566243
G3H8K3	1	1	2.535614	0.013803	2.19044	31C	37C	RNA-bindir	1510908	2000329	1406205	1913794	1559327	2014803	229291	292603.2	288790.9	363569.2	1677137	1898961	2228942	2840229	1451179	1826825	1575696	874993.8	163468.3	174816	150123.5	159872.3	1677137	2169359
G3I4K5	1	1	4.316322	2.82E-05	2.192062	31C	37C	RNA-bindir	6213377	6346361	7659028	8206435	4379853	5666421	2879339	3464188	2325682	3184780	2807838	2888534	9166180	9011077	7903982	7833509	4425830	2460828	2052766	2069681	1208969	1400443	2807838	3299838
G3HPR6	1	1	3.840367	4.56E-05	2.207303	31C	37C	Tubulin-fol	1971315	1362434	1575278	2312411	1642611	1617136	600058.4	769905.6	606870.2	978133.4	968366.4	825078.1	2908149	1934495	1625659	2207327	1659854	702294.1	427799.4	459980.6	315472	430114.6	968366.4	942562.8
G3HLD0	2	2	13.23096	3.89E-07	2.212101	31C	37C	Lactoylglut	8119334	9485215	11027684	11746930	8524957	10975302	4316662	4998323	4107674	4471021	4589320	4586025	11977912	13467876	11380375	11213113	8614446	4766383	3077476	2986251	2135310	1966042	4589320	5239039
G3GYZ0	1	1	2.918025	3.13E-05	2.215542	31C	37C	Dihydrolipo	141166	133676.6	157597.2	183737.9	105614.8	128537.4	66989.2	67904.3	57641.99	44360.29	78623.19	68283.2	208252.8	189804.8	162637.5	175388.3	106723.5	55821.56	47758.59	40569.47	29964.29	19506.55	78623.19	78006.2

G3GYL6	1	1	3.958276	0.000293	2.217095	31C	37C	Cytosolic c	3755055	4103531	5626476	6208443	3157883	3063372	2343607	2528274	1654754	1777130	1603099	1781749	5539582	5826526	5806424	5926312	3191033	1330369	1670827	1510519	860197.8	781457.1	1603099	2035456
G3HY03	1	1	9.687115	0.000916	2.217325	31C	37C	D-dopachr	12837568	11849520	10902902	10686069	5677986	6071478	4619282	4874979	4753778	5130539	3319828	3470748	18938408	16824907	11251602	10200460	5737590	2636737	3293223	2912559	2471177	2256052	3319828	3964955
G3H170	2	2	6.832104	5.60E-06	2.242478	31C	37C	Drebrin | D	4616551	5135067	5222921	5608424	4028751	4496473	2493713	2531923	1600553	1753745	2166236	2434199	6810490	7291184	5389961	5353560	4071042	1952740	1777842	1512699	832022.3	771174.3	2166236	2780810
G3I2Y1	7	7	25.55209	5.34E-06	2.249777	31C	37C	Aspartate a	17703803	17414160	23453236	22817235	17220557	18692508	7283663	6968202	8479393	8175827	10651884	10580188	26117239	24726033	24203324	21780348	17401327	8117831	5192739	4163157	4407880	3595156	10651884	12086724
G3IMX4	1	1	2.883431	2.41E-06	2.25194	31C	37C	Mitochond	5143316	5242907	4266875	4697288	3573470	4214160	1804397	1588529	1898459	2169720	2196169	2393672	7587591	7444303	4403339	4483828	3610982	1830136	1286408	949067.7	986884.1	954091.1	2196169	2734512
G3HF76	1	1	2.44681	5.50E-06	2.257063	31C	37C	DAZ-assoc	2209550	2442562	2862624	3022567	1985749	1961225	1054799	1277738	893311.6	1091346	935212.6	1164902	3259602	3468148	2954177	2885212	2006595	851725.7	751997.7	763385.6	464374.1	479897.7	935212.6	1330775
G3H0S4	4	4	13.70487	8.67E-05	2.259026	31C	37C	Sorbitol de	4961949	4760438	4751921	4666658	3211795	2937182	1928899	1943564	1393322	1455482	2027058	2446742	7320033	6759255	4903898	4454590	3245510	1275567	1375170	1161183	724296.6	640018.8	2027058	2795139
G3H1N7	3	3	13.63483	3.33E-07	2.263664	31C	37C	Splicing fac	7193409	7283966	7194864	7575946	5769441	7426837	2520762	2796840	3652801	3452914	3074043	3252981	10611956	10342364	7424972	7231671	5830005	3225346	1797126	1670974	1898851	1518350	3074043	3716180
G3HUX4	2	2	6.499381	1.44E-05	2.282034	31C	37C	Ubiquitin c	2025400	2301223	2233850	2499688	1710071	1832386	743108.1	1034922	748190.2	739008.1	1050225	1207083	2987937	3267463	2305294	2386094	1728022	795773.4	529783.8	618315	388935	324964	1050225	1378963
G3I501	4	4	9.464545	4.66E-05	2.28784	31C	37C	H1F0 | H1F	7604059	7062409	4894967	5058005	5695975	6525342	1919446	2175265	2547784	2523521	3390733	3546105	11217762	10027780	5051520	4828153	5755768	2833843	1368430	1299613	1324426	1109668	3390733	4051043
G3H3G9	5	5	17.92167	3.84E-07	2.299027	31C	37C	Septin-9 | S	3864299	3943655	4163540	3967483	3417952	3032485	1636565	1453609	1643038	1330456	1808245	1866735	5700743	5599520	4296700	3787188	3453832	1316956	1166756	868459.8	854107.6	585041.3	1808245	2132544
G3GZ87	1	1	3.654964	0.000234	2.304938	31C	37C	RNA-bindir	185615.4	155837.2	140761	122452.2	155365.4	154884.1	54929.26	44890.88	49255.61	49676.69	101482.3	96702.41	273826.1	221270.3	145262.9	116887.6	156996.3	67263.47	39160.69	26820.09	25604.76	21844.33	101482.3	110472.1
G3I278	14	14	51.38913	2.66E-05	2.306812	31C	37C	Laminin su	5863236	5701799	7690571	8468457	6425755	9870752	3118434	3631190	2422047	2836818	3156488	3917882	8649641	8095876	7936533	8083623	6493208	4286696	2223224	2169457	1259063	1247434	3156488	4475758
G3GSP9	2	2	6.326275	6.96E-08	2.307475	31C	37C	Protein dis	1142736	1050720	1147997	1297965	1007637	988881.9	505111	543278.5	418052.5	423311.5	477843.7	508246.4	1685802	1491897	1184712	1238982	1018215	429454.2	360108.6	324582.1	217318	186142.8	477843.7	580616.7
G3HFW9	1	1	4.339109	0.002492	2.311652	31C	37C	Sorting nex	1615342	1798835	2066383	2006356	1659525	2386003	1398975	1285385	351927.1	432362.1	872811.5	647371.4	2383007	2554132	2132471	1915180	1676946	1036200	997370.9	767954	182943.8	190122.6	872811.5	739552
G3GVI3	1	1	2.460979	7.88E-07	2.319486	31C	37C	Serine hydr	2354833	2385877	2744138	2575154	2195715	2108754	929851.5	896029.2	966254	895539.5	1161185	1344095	3473928	3387661	2831901	2458131	2218764	915795.4	662918.7	535333.2	502292	393795.6	1161185	1535484
G3HWC3	16	16	65.74691	1.58E-05	2.321205	31C	37C	Ezrin | EZR	17512428	14955300	17041050	14815512	13180188	14750751	7001279	7465954	4233600	5389468	7385101	8269144	25834917	21234744	17586062	14142248	13318545	6405995	4991419	4460539	2200771	2369910	7385101	9446605
G3IC91	2	2	6.053084	0.011649	2.321568	31C	37C	von Willebr	1211876	886658.5	748943.5	653651.5	1004301	1146098	406893.3	384412	193305.7	90590.34	567598.6	791558.8	1787800	1258949	772896.4	623947.5	1014844	497730.2	290086.2	229667.2	100486.9	39835.29	567598.6	904270.5
G3HYL0	5	5	12.7749	2.89E-05	2.332112	31C	37C	Eukaryotic	1384095	1659786	2219958	2191812	1841525	1384440	859087	679056.7	710515.8	560674.7	795625.2	975273.2	2041863	2356698	2290958	2092209	1860856	601238.2	612468.6	405702.9	369350.5	246545.5	795625.2	1114144
G3HBL0	2	2	4.747283	2.45E-05	2.332184	31C	37C	mRNA expo	1515879	1430256	1800463	1789490	1188862	1198486	700377.4	694337.7	457392.1	494108.2	730007.7	749991.1	2236275	2030793	1858046	1708170	1201341	520481.8	499319.8	414832.5	237768.1	217274.2	730007.7	856783.9
G3H6F2	3	3	10.05792	0.000191	2.365953	31C	37C	Peptidyl-pr	2820483	3674004	4090335	4707362	2802061	3070026	1102505	1447024	935878.9	1467026	1795375	2197539	4160870	5216648	4221153	4493444	2831475	1333259	786008.5	864525.5	486502	645095.2	1795375	2510452
G3HP03	2	2	8.187457	5.42E-05	2.380223	31C	37C	RNA-bindir	12069147	13511519	15085993	16524942	8402371	8843264	5051163	6186534	4286049	4994736	4903018	5851714	17804807	19184747	15568477	15773997	8490574	3840476	3601124	3696149	2228035	2196335	4903018	6684952
G3H0N2	1	1	4.986831	1.50E-06	2.381636	31C	37C	Bcl-2-asso	1778438	2281214	2203355	2317321	1806102	1616039	740679.9	828869.6	755231.5	726831.4	1013441	974535.6	2623611	3239052	2273824	2212015	1825061	701817.7	528052.7	495208.7	392595.3	319609.6	1013441	1113302
G3IDS0	2	2	5.700245	0.00194	2.391706	31C	37C	Pre-mRNA-	897190.4	634815.3	935541.6	785589.9	400662.7	897565.3	310722.7	483771.1	261617.7	428776.3	149402.3	268688.5	1323565	901362.1	965462.3	749890.2	404868.6	389797	221523.4	289029.4	135997.9	188545.8	149402.3	306947.6
G3IB32	2	2	6.049838	2.95E-06	2.392132	31C	37C	Twinfilin-1	3988540	4290577	3950251	4405871	3535815	3384869	1463775	1555499	1252885	1432125	2005221	2137745	5884027	6092109	4076589	4205654	3572932	1469990	1043569	929334.1	651292.9	629748.5	2005221	2442143
G3IN81	1	1	2.310817	2.55E-08	2.395303	31C	37C	Uncharacte	325350.6	348931.7	361147.7	381373.9	333514.2	415481.9	133598.4	145434.6	138858.1	149464.3	179339	157491.9	479968.1	495441.5	372698	364043	337015.2	180436.5	95246.29	86890.01	72183.19	65723.92	179339	179917.5
G3HRR7	1	1	2.807697	0.020172	2.413246	31C	37C	Mitochond	117750.9	95694.39	204933.1	311795.9	130914.3	71519.45	98911.04	88900.77	39628.46	25311.27	38603.58	95098.73	173710.1	135874.6	211487.3	297626.9	132288.6	31059.65	70516.61	53113.82	20600.23	11130.12	38603.58	108640
G3IA94	2	2	8.999304	0.000631	2.415282	31C	37C	MYL12B | M	1957163	1425120	1921056	1862344	1369528	2417784	603192.9	880445.7	486665.3	1453768	482467.8	628331.9	2887273	2023501	1982496	1777713	1383904	1050001	430034.1	526022.9	252985.3	639265.3	482467.8	717801.5
G3GYV4	1	1	3.656341	0.000139	2.415797	31C	37C	Ribosome	1147562	1089723	795618.2	1115298	895434.9	1539061	504632.1	355293.2	306152.7	702076.3	446996.3	409705.5	1692922	1547277	821063.9	1064615	904834.6	668387.6	359767.2	212270.1	159148.7	308724	446996.3	468044.3
G3HXU8	3	3	11.6087	0.0002	2.42422	31C	37C	Fibroblast	9214451	9828627	10611549	11117204	8755939	9719740	2417430	2636711	3346927	3900971	5830265	6307518	13593465	13955480	10950930	10612003	8847853	4221114	1723457	1575305	1739848	1715374	5830265	7205659
G3HTF8	1	1	2.175144	3.00E-06	2.430825	31C	37C	Proto-onco	8055555	8111786	10749556	11171327	6862833	8671783	4038011	3892507	2970897	3164251	3914030	4079825	11883822	11517770	11093351	10663666	6934874	3766005	2878818	2325581	1544374	1391416	3914030	4660760
G3HC30	3	3	7.417017	0.008073	2.437352	31C	37C	Protein S1(	3852747	3466805	2051614	1847531	4140170	4459365	610523.1	601817.7	1036739	820981.9	2605611	2455376	5683700	4922451	2117229	1763574	4183631	1936625	435260	359556.4	538932.8	361010.4	2605611	2805003
G3HBQ0	1	1	2.751772	0.009541	2.44372	31C	37C	Transducin	711048.5	381644.7	894831.8	932693	658869	1114195	283522	667406.1	120972.7	492907.7	233415.8	122323.7	1048962	541890.1	923450.6	890308.5	665785.4	483875.4	202131.3	398742.2	62885.74	216746.3	233415.8	139741.7
G3I9W7	1	1	2.918504	0.006465	2.461453	31C	37C	Ras-relate	316863.9	475170	497129.4	652809.8	358166.3	489785	68942.25	255675.8	133387.7	261547.1	66296.3	347597.1	467448.2	674684.7	513028.8	623144.1	361926.1	212705.1	49150.97	152753.7	69339.49	115010.1	66296.3	397092.2
G3II46	2	2	5.982683	4.01E-05	2.479624	31C	37C	PHD finger-	2197917	2212640	2367735	2656916	1949622	2464548	698165.7	839144.9	605732.7	845198.8	1250331	1346700	3242440	3141686	2443460	2536178	1970088	1070310	497743	501347.7	314880.7	371659.2	1250331	1538460
G3I873	2	2	5.822626	1.90E-05	2.495479	31C	37C	Ubiquitin th	2862184	3007585	2546654	3003610	1705513	2103674	943077.4	1183354	745347	976768.4	1003851	1250325	4222389	4270412	2628102	2867116	1723416	913588.9	672347.8	706995.6	387457	429514.4	1003851	1428361
G3HP71	2	2	9.272016	0.000206	2.499968	31C	37C	Heterogen	1840592	1828547	2617162	2700493	2282739	2594762	625240.9	606031.4	701124.3	861331.3	1410181	1341881	2715303	2596319	2700865	2577774	2306702	1126860	445752.7	362073.9	364468.5	378753.2	1410181	1532954
G3HX93	1	1	2.395078	2.63E-06	2.500065	31C	37C	CCAAT/enh	479223.9	452866.3	620903.3	579619.5	538594.7	544083.5	213757.4	153059.7	189542.9	203116	246956.2	279650.9	706967	643016.2	640761.2	553279.7	544248.5	236286	152394	91445.64	98530.93	89316.18	246956.2	319471
G3I1Y9	3	3	9.082435	0.000224	2.502738	31C	37C	Sulfated gly	1081616	1064012	943032.7	927524.7	910090.8	813762.3	347041.6	309604.3	226242.5	242614	527081.5	640920	1595636	1510771	973193	885375.1	919644.4	353402.8	247416.2	184973.3	117608.6	106684.6	527081.5	732181.9
G3HLE5	4	4	14.07022	0.000198	2.504773	31C	37C	NADH dehy	1485672	1659471	2986521	3340951	1980584	2593246	1053517	1233277	694345.1	845741.9	872394	908596.9	2191713	2356251	3082037	3189128	2001375	1126202	751083.3	736822.3	360944.4	371898	872394	1037974
G3I015	1	1	3.122242	0.003686	2.556583	31C	37C	NAD(P)H d	2252117	2058390	1789555	2015505	2192088	3108012	228987.5	873559.6	594430.8	692206.6	1353991	1504324	3322398	2922669	1846789	1923914	2215099	1349756	163252	521908.8	309005.6	304384	1353991	1718528
G3I129	1	1	6.308734	0.000202	2.5612	31C	37C	Ubiquitin |	17981962	16524864	33326654	30788413	36336978	36406978	9708126	9939041	10257792	10386180	13536498	13080788	26527589	23463338	34392517	29389290	36718421	15810918	6921211	5938086	5332353	4567115	13536498	14943390
G3I2N4	5	5	13.87067	0.000146	2.570902	31C	37C	Lamina-ass	5976811	5830511	8197675	8813844	4091505	4153333	1791780	2100681	2229754	2735322	2458423	3100646	8817191	8278631	8459855	8413315	4134455	1803720	1277413	1255054	1159103	1202803	2458423	3542154
G3HNG2	2	2	6.182132	4.81E-06	2.572896	31C	37C	Acyl-coenz	4138854	4111492	3862729	4070717	2954282	3338726	1797821	1915347	1043530	1286663	1375746	1316886	6105776	5837828	3986268	3885731	2985295	1449951	1281720	1144325	542462.6	565784.4	1375746	1504400
G3H4A9	1	1	4.045733	0.000132	2.58715	31C	37C	Mpv17-like	2956834	2436780	3399145	3538379	3669605	4262345	1324137	1724475	754364	857539.1	1516389	1655300	4362021	3459937	3507857	3377584	3708126	1851062	944016.2	1030289	392144.3	377085.6	1516389	1891002
G3I834	1	1	2.735088	0.000577	2.587945	31C	37C	Cytochrom	16584868	14293555	14440630	15014278	15273749	17404256	2687088	3701633	4190213	7978734	7229840	10152724	24466550	20295146	14902475	14331982	15434083	7558366	1915705	2211543	2178217	3508488	7229840	11598392
G3HSF8	3	3	11.07259	0.0003	2.589933	31C	37C	Cordon-ble	1545475	1805519	2445317	2935815	1957960	2036745	1206604	1295334	608437.2	681701.1	512269.3	609616.8	2279936	2563622	2523523	2802402	1978513	884523	860223.5	773898.4	316286.5	299764.4	512269.3	696421.4
G3H571	2	2	11.6933	0.000675	2.597791	31C	37C	Histidine tr	5397767	4311974	7182711	6348916	6744523	7076753	1355106	1279141	2336914	1725585	4017733	3552502	7962966	6122489	7412430	6060401	6815322	3073311	966095.4	764223.5	1214808	758791.4	4017733	4058351
G3GRW2	1	1	1.89753	0.000561	2.601582	31C	37C	EMC8 |	266892.1	220604.1	196063.7	203573.5	183105.8	191629.1	104957	94651.16	37177.43	41973.16	114650.1	91629.94	393728.1	313231.5	202334.2	194322.5	185027.9	83221.18	74826.97	56549.4	19326.11	18456.86	114650.1	104677.3
G3GZ89	4	4	12.85245	0.000289	2.610712	31C	37C	Inosine-5'-	3489899	3185084	3589566	2591945	2699945	1707397	1543648	901497.9	1080778	598719.6	1450461	1037589	5148415	4522440	3704369	2474158	2728288	741492.9	1100512	538600.6	561825.7	263274.9	1450461	1185333
G3I5A2	1	1	2.796108	0.001418	2.612116	31C	37C	Exosome c	166230.4	112409.8	215461.9	120249.9	119940.4	130602.8	58382	19347.52	81718.69	42542.17	57332.77	71785.85	245228.7	159608.5	222352.9	114785.4	121199.4	56718.52	41622.26	11559.19	42480.18	18707.07	57332.77	82007.6
G3IDL3	1	1	6.998566	3.78E-09	2.618145	31C	37C	Interferon-i	14313382	14603719	14115958	13943365	12660639	13492659	5541733	5978857	4666786	4476911	5653026	5434074	21115577	20735542	14567418	13309734	12793542	5859627	3950865	3572072	2425955	1968632	5653026	6207843
G3HUM2	1	1	2.041509	9.10E-08	2.6239	31C	37C	F-box only	2542800	2970548	3131156	3274164	2586097	2634441	1125121	962181.2	1194048	893579.5	1294351	1062678	3751224	4217824	3231297	3125376	2613244	1144092	802132.1	574855.8	620707.3	392933.7	1294351	1213995
G3I3Y5	2	2	6.29746	0.000283	2.628896	31C	37C	NADH dehy	1318839	1332595	2275279	2032416	1192778	980838.7	905299.9	563791.2	588949.8	576378	434064.6	405501.6	1945595	1892126	2348048	1940056	1205299	425961.2	645415.1	336837.4	306156.3	253450.7	434064.6	463241.8
G3HLM6	1	1	3.391716	0.000117	2.632275	31C	37C	Protein HE	2515676	3370942	2198486	2952799	2663279	3364244	725274.5	1085223	667543.2	971757	1149061	1884288	3711209	4786335	2268799	2818615	2691237	1461033	517069.7	648367.4	347011.9	427310.7	1149061	2152596
G3GZ21	3	3	12.58712	9.10E-07	2.635762	31C	37C	Peroxisoma	1871583	1836640	2050556	2490305	1669890	1681677	770850.2	835331	631575.1	683656.3	583023.4	896815.3	2761021	2607811	2116137	2377138	1687419	730323.2	549561.9	499069.1	328314.4	300624.2	583023.4	1024515
G3IMN8	1	1	2.530286	0.003286	2.638805	31C	37C	Diphthine s	449210.2	298905	730231	502749.4	324641.4	264729.7	190299.3	187440.3	160192.7	60864.99	111348.1	263957.1	662689.8	424409.5	753585.5	479902.9	328049.3	114967.5	135670	111986.3	83273.67	26764.16	111348.1	301542.6
G3H5P9	2	2	6.171794	0.001887	2.647156	31C	37C	RNA helica	960810.1	905303.4	1371118	1037975	614910.1	480453.2	413723.2	265815.6	145318.8	402912.6	487049	313988.3	1417419	1285423	1414970	990805.9	621365	208652.5	294955.5	158811.7	75541.73	177172.7	487049	358697.8
G3HWY6	3	3	7.992221	5.25E-05	2.647696	31C	37C	Dynamin-li	531543.5	533765.1	711300.9	632813.4	439988.5	504656	214634.1	147922.4	289600	295273.2	139046	180311.7	784150.7	757882.9	734050	604056.3	444607.2	219163.3	153019	88376.32	150544	129840.5	139046	205986.6
G3II52	1	1	2.123453	0.036177	2.659072	31C	37C	Oxysterol-b	112189.8	161286.6	166908.5	192479.7	83241.5	69353.46	69062.18	53680.34	72041.18	89261.17	8103.022	3240.746	165506.1	229007.8	172246.6	183732.8	84115.32	30119	49236.48	32071.36	37449.48	39250.81	8103.022	3702.203
G3I2G1	2	2	6.027407	0.000559	2.667498	31C	37C	Fos-relatec	884858.1	1171229	2133072	2460160	1541044	1958860	589273.1	680166.1	387743.7	601650.6	764229.5	781710.4	1305372	1663006	2201292	2348363	1557221	850699	420110.2	406365.7	201562.5	264563.8	764229.5	893019.8
G3H4D3	2	2	10.6557	0.000874	2.677062	31C	37C	6-phospho	3767125	2947703	5128643	4368206	3793809	4122297	1323546	1415371	632032	852956.6	2301658	2487220	5557389	4185387	5292668	4169701	3833634	1790242	943595.1	845614.1	328552	375070.6	2301658	2841380
G3H756	1	1	2.83781	0.000735	2.692662	31C	37C	Glutaredox	744462	905942.1	1163929	923669.3	588203.4	406204.1	427696.3	222827.1	385577.9	198952.2	314956.5	207510.9	1098255	1286330	1201154	881694.9	594378	176407.4	304917.4	133128.2	200436.7	87485.23	314956.5	237058.8
G3HV67	1	1	9.739303	0.004883	2.747399	31C	37C	Histone H3	13480431	10386482	6203934	5793556	18356078	24197034	4554764	3777496	6455698	3848913	4959787	4945797	19886781	14747567	6402350	5530279	18548768	10508351	3247226	2256867	3355894	1692482	4959787	5650039
G3I150	1	1	3.314472	0.000492	2.751836	31C	37C	Pescadillo-	5941684	5011202	6236948	4721110	4873448	5099986	2441200	1414887	1779139	746754.8	3580558	1624047	8765370	7115311	6436419	4506568	4924606	2214835	1740404	845325.1	924857.4	328370.5	3580558	1855299
G3HNC8	2	2	8.23877	8.25E-05	2.753006	31C	37C	Polyglutam	2036265	2454201	3818681	4250461	2256003	3130907	1152555	1388928	986865.5	1292345	994980.4	703206.9	3003966	3484673	3940811	4057306	2279685	1359699	821690.3	829815.9	513006.6	568282.7	994980.4	803338.1
G3HRK8	2	2	6.073642	2.48E-05	2.762035	31C	37C	Partner of Y	2100385	2375060	2830704	2879682	1923652	2346021	1207785	1218619	566067.3	776440.1	679511.2	785221.1	3098558	3372302	2921236	2748820	1943845	1018836	861065.5	728064.9	294261.3	341424	679511.2	897030.4
G3I9F1	5	5	24.10159	4.22E-07	2.76518	31C	37C	Ras GTPas	6953300	6789652	7868720	8023007	5382408	5934137	2666103	2553278	2208972	1912845	2887516	2580892	10257740	9640498	8120380	7658416	5438909	2577092	1900744	1525458	1148300	841135.5	2887516	2948391
G3I0L3	1	1	2.31691	0.000973	2.76952	31C	37C	Myc-induc	242099.7	285734	793131.1	615600.2	459007	368050	129830.9	189761.1	121165.3	153135.5	208871.9	195105.8	357153.6	405708.3	818497.3	587625.4	463825.4	159837.7	92560.26	113372.9	62985.9	67338.25	208871.9	222887.3
P60520	1	1	2.430335	0.011921	2.776705	31C	37C	HUMAN Ga	89928.58	509542.9	391492.8	289037.9	394563.7	525045.7	133463.1	147383.7	82175.49	81406.18	187052.2	160685.5	132665.6	723490.2	404013.6	275903.1	398705.6	228018.2	95149.77	88054.52	42717.64	35796.74	187052.2	183565.8
Q60456	3	3	10.57786	0.000176	2.784798	31C	37C	Tubulin bet	2301622	2284696	3363244	3168719	2431986	1858237	967819.2	821968.9	549587.2	557332.7	1320062	1316309	3395430	3243997	3470808	3024723	2457516	807000.1	689987	491085.9	285694.3	245075.9	1320062	1503741
G3H1G7	1	1	3.18357	1.97E-05	2.787298	31C	37C	Pyridoxal p	2014247	2133623	3198350	3300871	1963031	2135296	1130793	991253.2	671122.6	628439.5	934505.8	934104.9	2971484	3029491	3300641	3150869	1983638	927322.1	806176.2	592224.9	348872.6	276343.7	934505.8	1067114
G3GZ54	1	1	2.287116	1.21E-05	2.788537	31C	37C	Transportir	534144.7	494987.1	540102.5	531708.3	385240.4	347356.2	135538.3	169186.8	150251.4	119389.7	215137.1	226634.8	787988	702822.7	557376.2	507545.8	389284.4	150850.7	96629.25	101080.8	78105.85	52499.22	215137.1	258905.8
G3I2J8	1	1	2.641755	8.84E-05	2.794483	31C	37C	Mitochond	2661998	2482655	3573528	3755415	2159478	2449672	787452	1353106	589967.2	842736.7	1108402	1431361	3927068	3525074	3687818	3584757	2182147	1063850	561397.8	808414.3	306685.2	370576.6	1108402	1635176
G3ICH9	3	3	12.3962	2.24E-07	2.82615	31C	37C	Ataxin-10 |	5967452	6103100	6613464	7192806	4704215	5076997	2014306	2416810	1706720	1958178	2160306	2360857	8803384	8665675	6824978	6865942	4753597	2204851	1436058	1443925	887211.9	861069.6	2160306	2697025
G3I8V9	1	1	2.392134	0.001795	2.869565	31C	37C	DnaJ-like s	1060258	1030939	789738	971433.5	678112.2	440631	397028	330293.2	123371.3	145998.1	213729.8	521936.8	1564128	1463810	814995.6	927288.5	685230.6	191358.4	283053	197333.9	64132.65	64199.72	213729.8	596256.5
A5XDT6	2	2	9.704508	0.000525	2.876479	31C	37C	CIRBP | CII	6645277	6383911	6528573	6364370	6315740	8701715	1351408	1545506	4992962	3543907	1347027	1451725	9803334	9064394	6737371	6075153	6382038	3779004	963458.5	923363.8	2595513	1558362	1347027	1658439
G3H096	1	1	2.614592	0.002795	2.894652	31C	37C	Uncharacte	1384782	1564002	1617823	1803980	1277407	1089364	521888.5	353668	455888.3	107235.8	862175.7	717592.5	2042877	2220697	1669565	1722002	1290816	473091.8	372069.8	211299.2	236986.4	47154.78	862175.7	819772

G3IPH0	1	1	2.175995	0.014295	2.920884	31C	37C	Pre-mRNA-	347918	419234.7	329184.6	287669.2	386193.6	225779.2	25308.08	40523.89	23421.94	4896.422	276096.3	313101.2	513260.3	595263.4	339712.7	274596.6	390247.6	98051.96	18042.88	24211.03	12175.53	2153.103	276096.3	357684.3
G3I905	2	2	8.007389	0.000164	2.929215	31C	37C	E3 ubiquiti	885193.3	1103775	1399393	1465153	1231693	1603794	484499.8	507127.1	231986.6	250373.6	556320.4	594627.8	1305867	1567229	1444148	1398571	1244623	696499.9	345414.3	302983.4	120594.6	110096.8	556320.4	679298.1
G3I887	2	2	9.600129	0.007304	2.934082	31C	37C	Peroxiredo	2080830	1958638	3135785	2914522	1215985	1614535	541637	1044005	130988	405595.9	785664.2	1495632	3069709	2781033	3236074	2782077	1228750	701164.5	386149.1	623741.4	68092.07	178352.7	785664.2	1708598
G3H319	2	2	5.51513	0.02303	2.940652	31C	37C	Tubulin-sp	2210994	2085724	1503588	1787746	1164826	339507.7	746589.9	520741.1	230333.5	132113	725279.6	736905.2	3261731	2961480	1551676	1706506	1177053	147442.3	532266.1	311117.1	119735.3	58094.06	725279.6	841834.7
G3HM63	1	1	2.51178	2.41E-06	2.963918	31C	37C	A-kinase ar	436674.2	368463.4	419513.3	464474	474098.9	482500.3	149486.3	109658.4	110919.6	131259.2	216547.4	174773.3	644196.3	523174.2	432930.3	443366.9	479075.7	209541.5	106573.2	65515.47	57659.8	57718.6	216547.4	199659.7
G3HEJ1	1	1	7.310679	5.07E-06	2.969664	31C	37C	Neuroplast	3865366	4255942	5588186	5396338	3253226	2948526	1618547	1615146	1475192	1104611	1314270	1394269	5702317	6042931	5766909	5151111	3287376	1280494	1153910	964970.2	766855.7	485730.7	1314270	1592803
G3H8E7	3	3	8.001057	5.22E-05	2.970638	31C	37C	Mannose-1	888860.2	895502.5	556580.8	609118.5	416091.8	543359.7	225702	291315.4	141215.1	188845.8	214468.9	254504.7	1311276	1271507	574381.6	581438.2	420459.7	235971.7	160909.7	174046.6	73408.46	83041.15	214468.9	290744.2
G3IQ51	1	1	3.633268	7.46E-05	2.995719	31C	37C	mRNA turn	2024178	2065351	3058663	3016333	2394318	1805676	1041314	561554.6	623543.6	463350.9	1044228	1061025	2986135	2932553	3156486	2879262	2419452	784173.6	742383.3	335501.2	324139.4	203749.3	1044228	1212106
G3HFY6	1	1	2.170102	2.67E-05	3.037019	31C	37C	Stromal ce	2240873	2103068	2866349	3081974	1738780	1743573	540073.6	592263.9	678068.1	681216.2	1218888	825061.7	3305810	2986105	2958022	2941919	1757033	757203.5	385034.5	353848.5	352483.1	299551.2	1218888	942544
G3HDS3	1	1	9.731002	0.002132	3.0404	31C	37C	Histone H2	4220826	2912003	2115532	2707121	6581336	8887975	1354789	1926892	1602119	1720148	1057378	1358803	6226703	4134697	2183191	2584100	6650423	3859893	965868.9	1151223	832836.3	756400.6	1057378	1552286
G3HA46	1	1	3.079826	9.69E-05	3.054239	31C	37C	Mitochond	245907.5	210223.8	336281	307922	278927.7	492368.5	69383.69	130989.1	122063.1	83882.88	139358	67120.86	362770.9	298492.8	347036	293929.1	281855.7	213827.1	49465.69	78259.5	63452.62	36885.82	139358	76678.34
G3HH22	2	2	6.504446	7.18E-06	3.074728	31C	37C	MICOS cor	3005409	2294103	2746341	2461338	1908587	2051791	993438	837505.2	476263	618157.2	837303.5	942649.7	4433680	3257353	2834176	2349487	1928622	891057	708251.3	500368	247577.9	271822.2	837303.5	1076876
G3H256	1	1	5.04679	0.000455	3.119396	31C	37C	26S protea	187007.7	196785.6	231124.9	254942.3	85928.55	91588.53	58591.34	73550.85	49247.61	49539.06	42337.95	62496.11	275880	279412.1	238516.8	243356.9	86830.57	39775.3	41771.5	43943	25600.6	21783.81	42337.95	71395.06
G3HZM3	1	1	2.335564	0.036435	3.129031	31C	37C	V-type prot	29540.55	132786.9	133739.6	96604.78	67562.31	50024.29	0	101913.4	0	25682.22	35476.77	0	43579.2	188541.6	138016.9	92214.75	68271.53	21724.68	0	60888.22	0	11293.24	35476.77	0
G3H6X4	1	1	2.022233	0.006768	3.142728	31C	37C	Splicing fac	867914.8	861540	529144.8	565633.9	463577.5	295344.5	207896.5	38575.68	74526	96096.42	367883.9	355163.1	1280377	1223284	546068.1	539929.7	468443.8	128263	148215.6	23047.07	38741.18	42256.48	367883.9	405735.5
G3HRT6	3	3	7.874363	3.61E-05	3.146575	31C	37C	Solute carr	6502770	6988824	7236515	7647287	5252029	6203230	1178427	1397201	1769177	2252719	2757551	3303341	9593103	9923298	7467955	7299770	5307161	2693955	840135.6	834758.7	919678.8	990588.1	2757551	3773711
G3IER2	1	1	4.506586	0.007424	3.171927	31C	37C	Cleavage a	1551551	602115.4	1241245	722496.1	653885.8	289129	304920.6	384127	169231.6	167362.4	94210.52	475525.8	2288899	854932.2	1280943	689663.6	660749.8	125563.7	217386.9	229497	87972.42	73594.27	94210.52	543237
G3IDF9	1	1	3.089685	0.000131	3.172902	31C	37C	Cytochrom	679944.1	760188.7	1269512	1087126	721138.9	624504.5	223895.9	371921.2	257054.5	424803.9	188808.3	154245.1	1003076	1079377	1310113	1037724	728709	271211.4	159622	222204.5	133625.8	186799	188808.3	176208.4
G3H9Y7	3	3	8.313	4.99E-07	3.186169	31C	37C	NudC dom	1997990	1830595	2473135	2111780	1494481	1633856	530739.8	514564.2	583893.7	532457.6	806002.1	654823.4	2947501	2599227	2552232	2015814	1510169	709555.2	378380.2	307426.7	303528	234137.6	806002.1	748065.1
G3I1W1	2	2	8.329693	7.81E-08	3.201021	31C	37C	Synapse-a:	2531605	2918917	3429176	3516495	2831988	3267147	797711.6	1071702	769693.2	950067.4	1035658	1153114	3734708	4144515	3538849	3356695	2861717	1418865	568712.2	640289.2	400113	417773.1	1035658	1317308
G3GVH4	1	1	3.579849	0.030325	3.233941	31C	37C	Developme	879926.4	783289.9	1019557	698652.1	518498.9	113314.3	168165.4	140190.8	33210.79	37240.95	438894.2	423272.4	1298097	1112178	1052164	666903.1	523941.8	49210.42	119890.1	83757.1	17264.11	16375.96	438894.2	483543.1
G3HLR7	1	1	4.3925	0.002247	3.2509	31C	37C	Adenosine	1875293	1649689	1780974	1545160	1390887	1103134	434363.9	126440.7	270346.9	168019.5	1059290	816169.3	2766494	2342361	1837933	1474943	1405487	479072	309670.9	75542.1	140535.6	73883.23	1059290	932385.4
G3HBH4	1	1	3.220495	0.006091	3.255406	31C	37C	Low molec	1880967	734499.7	2345076	3075585	1187712	3563228	368811.5	996803.4	248006.7	797195.1	513610.4	1003522	2774864	1042902	2420077	2935821	1200180	1547448	262936.7	595540.9	128922.4	350550.6	513610.4	1146415
G3HUP4	1	1	2.030857	9.46E-06	3.264111	31C	37C	Uncharacte	432089.8	379487.2	326603.8	362235.5	271561.7	246274	80218.42	113750.2	105097.8	71215.75	159877.7	88156.04	637433.3	538826.6	337049.4	345774.4	274412.4	106952.5	57190.08	67960.14	54633.47	31315.7	159877.7	100708.8
G3GU16	1	1	2.363238	0.035789	3.28132	31C	37C	UPF0364 p	1631952	1460489	1398195	1314999	203203.8	449112.9	190296.1	473365.6	270163	728908.5	47130.77	258231.5	2407510	2073720	1442913	1255241	205336.9	195041.9	135667.7	282812.6	140440	320522.9	47130.77	295001.6
G3H495	1	1	3.546895	0.003431	3.284522	31C	37C	Peptidylprc	1499531	768022.5	1758437	1691258	934635.5	519060.3	582755.6	425726.8	123871.5	401599.9	174096.2	475203.6	2212158	1090500	1814676	1614402	944446.7	225418.9	415463.7	254350.8	64392.66	176595.5	174096.2	542868.9
G3IIB5	1	1	3.875164	0.002285	3.302816	31C	37C	Secretory c	4136975	3581048	3191978	3475711	3892344	2035742	994966.3	637668.7	255091.2	410122	1797997	2054603	6103003	5084662	3294065	3317764	3933203	884087.5	709340.9	380975.6	132605.2	180342.9	1797997	2347162
G3I075	1	1	3.780913	0.003336	3.333385	31C	37C	L-asparagi	1327659	688223.2	1639161	1711236	677483.2	1359351	542865.2	678873.5	193020.6	176809.1	106141.7	523189.4	1958607	977194.9	1691585	1633472	684595	590342.4	387024.7	405593.4	100338.7	77748.27	106141.7	597687.4
G3HHV6	2	2	7.808412	0.002795	3.404536	31C	37C	Protein FAI	1070398	912537	785728.8	764437.6	511438	228774.2	203748.8	102013	209804.7	105172.7	223538.2	410904.9	1579087	1295694	810858.2	729699.1	516806.8	99352.66	145258.6	60947.71	109063.7	46247.6	223538.2	469414.5
G3GWC2	1	1	2.598545	3.17E-06	3.453099	31C	37C	Actin filam	875332.6	1163642	1104491	549463.3	737464.7	685897.7	244057.3	208884.1	245980.1	252765.9	310630.2	219334.3	1291320	1652233	1139815	524494	745206.1	297873.4	173995.7	124797.9	127868.9	111148.7	310630.2	250565.8
G3IDE4	1	1	4.342837	0.00071	3.457336	31C	37C	Tripeptidyl	3772113	3328064	2756045	2016428	3774204	2368740	968474.6	328108.1	732156.2	356848.8	1656188	1169056	5564747	4725454	2844189	1924795	3813823	1028703	690454.2	196028.4	380599.9	156917.1	1656188	1335521
G3GY25	1	1	4.308972	0.000116	3.47287	31C	37C	Nuclear po	652479.3	705907.9	1135324	1097675	644695.4	578706.6	323309.2	287795.1	323874.7	131658.7	184075.5	135687	962559.2	1002305	1171635	1047793	651463	251322.2	230496.7	171943.4	168361.2	57894.26	184075.5	155007.7
G3H154	2	2	7.175789	0.003916	3.476326	31C	37C	Histone H2	3929943	4194228	4711826	4991148	2668793	2816082	1634133	1768045	1487882	1324902	242576.8	248398.1	5797583	5955304	4862521	4764335	2696808	1222975	1165022	1056320	773452	582599.3	242576.8	283768
G3HKS0	1	1	2.680604	0.034796	3.504171	31C	37C	Neurobeac	5551522	6456942	5628857	5754209	4090693	1590838	2552703	650117.3	678705.2	23792.88	2790799	1600585	8189790	9168088	5808881	5492720	4133635	690873.1	1819897	388413	352814.3	10462.44	2790799	1828496
G3GTU1	1	1	2.437746	0.000685	3.536932	31C	37C	DNA ligase	135815.7	148785.1	188062.4	217553.2	103515.6	97694.3	58220.49	67679.49	31770.99	50712.4	30745.27	12905.11	200359.8	211257.1	194077.1	207666.9	104602.2	42426.94	41507.11	40435.16	16515.65	22299.76	30745.27	14742.7
G3HN81	1	1	4.143229	0.000235	3.583336	31C	37C	Peptidyl-pr	3795732	3308817	3977431	2814707	3300977	2635134	475335.1	387915	1053937	588730	1656733	1372080	5599591	4698125	4104638	2686798	3335628	1144393	338880.4	231760.1	547872.8	258882.2	1656733	1567453
G3H2I6	2	2	6.296016	0.000145	3.583737	31C	37C	Neural cell	1073438	1115201	1381679	1373875	720572.1	979827.7	320120.4	350279	116425.8	251388	288507.8	527375.1	1583572	1583453	1425868	1311442	728136.2	425522.1	228223.3	209274.4	60522.12	110542.8	288507.8	602469.1
G3I664	1	1	2.538652	0.000166	3.677196	31C	37C	Procollage	1180027	1212115	1604826	1560936	1259034	1098846	328798.8	205577	243082.1	150235.7	665319.5	559655.4	1740815	1721058	1656152	1490003	1272250	477209.6	234410.4	122822.1	126362.4	66063.12	665319.5	639346
G3H949	1	1	2.675426	8.84E-06	3.744916	31C	37C	Alpha-taxil	506477.1	661585.3	727013.7	821191.4	528086.1	616191.7	95754.7	215041	146141.6	131796.7	186816	255326.4	747171.9	939372.3	750265.2	783873.9	533629.6	267601.4	68266.36	128476.4	75969.43	57954.96	186816	291682.8
G3GSJ7	2	2	5.57945	6.23E-05	3.773012	31C	37C	BDH1 | BDI	1331519	1452901	1172576	1415137	936060	644458.5	440087.5	401356.4	170465.4	192926.6	279738.8	358157.6	1964301	2062946	1210077	1350829	945886.1	279877.1	313751.4	239790.7	88613.79	84835.59	279738.8	409156.4
G3GUY3	1	1	4.081238	2.78E-05	3.79191	31C	37C	Vinexin (Fr:	2515803	2638964	2917672	2313149	2051506	1964770	1031643	412449.7	524651.9	317000	896883.9	615422.3	3711397	3747015	3010986	2208032	2073042	853265.4	735488.7	246418.3	272732.1	139394.4	896883.9	703053.6
G3HLK3	3	3	8.454651	0.000318	3.799026	31C	37C	Granulins |	1666296	2139357	2250870	2690899	3942496	4442985	574733.6	613249.3	388972.1	435237.4	1175359	1322263	2458175	3037632	2322858	2568616	3983882	1929511	409744.6	366386.2	202201	191386.9	1175359	1510543
G3HE59	1	1	2.8627	3.96E-05	3.805848	31C	37C	TIP41-like p	326618.3	536106.4	532867.2	615318.6	417880.3	460591	60249.09	126725.5	100490.6	100855.9	150318	220556.3	481838.2	761207.2	549909.6	587356.6	422266.9	200026.7	42953.36	75712.22	52238.46	44349.35	150318	251961.8
G3GS14	3	3	10.34171	1.81E-06	3.824913	31C	37C	Transmem	5985482	5872857	7429688	9541920	4664603	5830871	1944264	2338059	1448336	1681603	1635082	1234044	8829983	8338758	7667307	9108305	4713569	2532246	1386124	1396875	752894.8	739451.3	1635082	1409763
G3H9I8	1	1	2.993746	0.009892	3.866755	31C	37C	Caveolin |(	1656380	1247394	2009421	1534117	4387985	4383530	82476.84	41424.6	153111.6	199378.3	1655617	1803806	2443547	1771151	2073687	1464402	4434048	1903691	58800.18	24749.15	79592.65	87672.61	1655617	2060654
G3GWD2	1	1	4.180648	1.22E-07	3.903422	31C	37C	MORF4 fan	2024350	2365446	2777014	2703231	1993992	2172053	728876.6	695524.3	516718.4	671128.2	563632.8	419961.1	2986388	3358651	2865830	2580388	2014924	943284.9	519637.7	415541.5	268608	295115.2	563632.8	479760.2
G3HSZ6	1	1	3.430837	0.000474	4.012559	31C	37C	Aldose 1-e	712921.1	268328.2	524245.3	450574.2	465302.3	609280.7	180663.7	40881.14	212546.6	160375.7	90403.48	70420.87	1051725	380994.1	541011.8	430098.6	470186.7	264600	128800.5	24424.46	110489	70522.02	90403.48	80448.25
G3H9N7	2	2	5.347704	0.001248	4.030536	31C	37C	Elongator c	93599.13	167644.7	214157.6	212110.1	218995.6	240474.6	44909.53	29623.53	36542.58	9787.107	97755.33	65954.92	138080.6	238035.4	221006.8	202471.2	221294.4	104434	32017.34	17698.6	18996.09	4303.684	97755.33	75346.39
G3IHZ2	1	1	2.35543	0.003537	4.052083	31C	37C	COP9 signa	384534.6	411097.4	547132	443846	195802.9	369703.1	101345.1	50742.59	11796.91	29606.51	268223	118756.8	567278.3	583709.4	564630.6	423676.2	197858.3	160555.6	72251.9	30316.2	6132.44	13018.87	268223	135666.8
G3IJ02	7	7	28.86432	2.85E-07	4.148656	31C	37C	Leucine-ric	3822775	4318811	5584842	5811040	4652505	5227280	1445077	1415264	889482.6	816226.5	1294547	1230195	5639485	6132197	5763458	5546968	4701344	2270117	1030238	845550.3	462383.6	358919.2	1294547	1405365
G3HQS0	1	1	3.327003	9.02E-07	4.150591	31C	37C	Zinc transp	537860.5	826280.5	1030490	1080821	595252.6	632354.8	208419.5	204777.3	177128.2	215334.8	165294.2	162152	793469.7	1173220	1063448	1031705	601501.2	274620.7	148588.4	122344.3	92077.33	94689.15	165294.2	185241.2
G3I8Z5	3	3	9.500148	0.001462	4.158525	31C	37C	Sulfiredoxi	6256399	5634256	7403028	6084083	7689441	8305969	654723.3	255904.1	1706255	1253993	3322396	2755733	9229649	7999973	7639794	5807603	7770160	3607138	466771.6	152890.1	886970.1	551418.2	3322396	3148127
G3IFV9	1	1	3.052526	0.00104	4.251569	31C	37C	Methyltran	867282.7	756608.7	1073292	1113260	603085.9	692850	45533.19	336848.9	60916.86	218548.4	318991.8	220218.2	1279444	1074294	1107618	1062670	609416.7	300892.7	32461.96	201250.6	31666.68	96102.3	318991.8	251575.5
G3I4K4	1	1	5.71841	5.22E-07	4.288706	31C	37C	Copper cha	1260862	1385503	1734356	1970608	1097778	1034061	433871.1	334040.3	297582.1	279362.1	366311.4	266858.3	1860066	1967250	1789825	1881058	1109302	449074.6	309319.5	199572.6	154693.4	122843.9	366311.4	304856.9
G3IN86	2	2	6.376637	0.000748	4.308352	31C	37C	DPP7 | DPF	492524.6	790127	591595.2	826579.2	541277.9	460406	100317.9	131423.6	62869	31529.23	210481.8	322758.1	726588.7	1121886	610515.8	789016.8	546959.9	199946.3	71519.59	78519.14	32681.47	13864.35	210481.8	368716.3
G3HC31	1	1	4.160882	0.012419	4.409144	31C	37C	Protein S1(	4056100	1389205	8065460	4744571	2597831	6922117	2722809	1299140	863718.5	1146455	199409.4	67940.66	5983693	1972506	8323412	4528963	2625101	3006155	1941171	776172.3	448990.5	504130.8	199409.4	77614.88
G3H5P2	7	7	21.0126	9.27E-05	4.566057	31C	37C	Four and a	3755217	4410508	4684157	5642833	3288661	4591226	896566.7	1178125	287244.6	643230	1208162	1562466	5539822	6262396	4833967	5386405	3323183	1993889	639189	703871.6	149319.6	282847.5	1208162	1784949
G3IKQ6	1	1	4.347401	0.000147	4.569484	31C	37C	CSTB |	7714520	5647348	7299229	6257468	3363477	2469156	1965767	1493537	906657.3	581348	1262470	957592.9	11380717	8018562	7532675	5973109	3398784	1072311	1401454	892314.9	471311.6	255636.1	1262470	1093947
G3H9Z5	2	2	5.07875	0.000109	4.687491	31C	37C	Epidermal	940440.8	1139993	510445.1	538910.8	452638.3	361780	152294.7	177814.4	82714.24	73884.42	156616.7	198108.1	1387370	1618654	526770.3	514420.9	457389.9	157114.8	108575.4	106235.4	42997.7	32489.2	156616.7	226317.1
G3HGI3	1	1	2.978158	2.82E-06	4.747105	31C	37C	PHD finger	716873.3	746105.2	709733.1	761066.3	472938.7	453275.2	95523.97	154829.4	89118.56	111911.7	218111.3	143630.5	1057555	1059381	732432	726481.1	477903.3	196849.6	68101.87	92502.92	46326.89	49210.94	218111.3	164082.3
G3HW50	1	1	3.571818	0.0081	4.977489	31C	37C	Phosphatic	325311	383162	453766	449835.8	297206.2	43704.47	112671.2	32403.53	15597.7	27044.18	79892.59	124754.4	479909.6	544044.3	468278.4	429393.9	300326.1	18980.09	80326.62	19359.51	8108.219	11892.14	79892.59	142518.5
G3IA13	1	1	2.793889	0.000248	5.063596	31C	37C	2-oxoisova	1047562	711066.5	1598006	1643436	974090.7	473604.1	428152.2	226540	247596.3	168340.2	104900	97828.28	1545398	1009630	1649114	1568753	984316	205678	305242.4	135346.5	128709	74024.25	104900	111758.3
Q80Z93	6	6	20.42959	7.54E-06	5.126722	31C	37C	Gap junctic	1480840	1408978	2325569	2613484	1318964	1636622	380444.4	455956.4	183141.5	223981.2	442419.4	417634.7	2184585	2000581	2399946	2494719	1332810	710756.4	271230.1	272411.5	95203.26	98491.23	442419.4	477102.6
G3IHE8	2	2	4.785868	8.97E-05	5.402202	31C	37C	Leucine-ric	783152.5	690765.7	1003283	885658.9	604490	401588.2	226422	125161.6	38079.4	113234.6	155185.7	150649.6	1155333	980805	1035370	845411.8	610835.5	174402.8	161423	74777.86	19794.98	49792.67	155185.7	172100.9
G3GU91	1	1	3.233136	0.00305	5.822746	31C	37C	KLHL23 |	22411771	22205198	12896170	11541938	32767461	43046099	480316.7	404989.3	2328465	1152813	9987728	10525469	33062591	31528737	13308619	11017436	33111433	18694173	342432	241961.1	1210416	506926.3	9987728	12024213
G3HTV3	1	1	2.991291	0.030233	5.944775	31C	37C	Tripartite n	5116.797	99098.17	57371.69	36491	74039.54	20179.52	0	0	0	21382.4	10595.67	17190.61	7548.469	140707.6	59206.57	34832.74	74816.76	8763.615	0	0	0	9402.48	10595.67	19638.42
G3HEI4	3	3	7.389686	2.01E-06	5.976092	31C	37C	Putative tra	262070.5	226547.8	150596.1	150778.4	130237.8	142011.2	32090.88	25599.29	22869.35	16452.82	43081.72	37654.5	386615.1	321670.9	155412.5	143926.6	131605	61672.98	22878.54	15294.31	11888.28	7234.797	43081.72	43016.2
G3HB42	4	4	10.75559	0.000352	6.259643	31C	37C	Heme-binc	3807991	4193360	3820230	4288809	2690869	3178593	111769.8	198379.3	226034.9	294638.5	1093185	1587351	5617675	5954072	3942409	4093912	2719116	1380408	79684.03	118521.8	117500.7	129561.4	1093185	1813378
G3HSW2	1	1	2.709262	0.005591	6.698733	31C	37C	Uncharacte	32480.53	43999.11	42291.19	28483.21	78479.83	31339.23	0	0	0	0	12563.62	25812.76	47916.36	62473.49	43643.76	27188.84	79303.66	13610.08	0	0	0	0	12563.62	29488.29
G3IJJ7	3	3	8.563607	3.05E-08	6.821181	31C	37C	Phosphom	1726276	1968464	1748210	1941300	1112514	1264855	200339.7	219948.1	267994.9	324755.8	192128.5	225907.1	2546659	2794984	1804122	1853081	1124192	549304.4	142828.1	131408.1	139313	142804.9	192128.5	258074.5
G3H1E0	1	1	4.516843	9.26E-06	6.92555	31C	37C	28S riboso	912990.9	1300912	1847162	1830974	676519.1	654228.2	181952.8	291849.4	138986.1	144762.3	119081.6	166286.7	1346875	1847140	1906239	1747769	683620.7	284119.9	129719.5	174365.6	72249.77	63656.31	119081.6	189964.6
G3II51	1	1	2.139615	1.24E-07	7.065641	31C	37C	Phosphom	2513629	2705594	2112263	2201806	1632261	1531329	383796.7	257139.9	219120.8	207998.6	411049	317884.4	3708189	3841621	2179818	2101749	1649395	665029.6	273620	153628.4	113906.5	91463.21	411049	363148.7
D5FGC9	4	4	25.43067	1.81E-08	7.290238	31C	37C	RNA-bindir	53824242	49456941	50617243	53379990	52533909	65733465	5025085	5601286	10416710	9723085	6947422	6941444	79403315	70222965	52236098	50954235	53085377	28546901	3582532	3346492	5414964	4275532	6947422	7929851
G3GVI7	1	1	2.845372	7.77E-07	7.339335	31C	37C	Dual speci	483514.5	447611.4	537754.3	471329.9	367520.3	282889.6	73022.41	90187.58	52695.35	28474.23	47781.65	60816.26	713296.6	635554.9	554952.9	449911.2	371378.3	122854	52059.84	53882.63	27392.85	12520.97	47781.65	69476.02
G3H8Y5	3	3	6.866071	7.66E-05	7.706823	31C	37C	Collagen al	1198984	980276.4	586570.3	610657.6	915837.7	798481.4	56438.17	36613.32	93164.37	35652.23	221524.4	217166.1	1768782	1391876	605330.2	582907.4	925451.6	346766.6	40236.44	21874.65	48430.04	15677.36	221524.4	248088.8
G3IPK9	1	1	3.563437	0.029164	8.399138	31C	37C	Adenylate I	106011.3	683392.4	2916937	2747090	1298384	380134.6	132932.1	1811.652	124941.9	46544.56	416498.4	245460.1	156391.4	970335.9	3010228	2622254	1312014	165085.9	94771.21	1082.373	64949.08	20467.04	416498.4	280411.7
G3H346	1	1	2.19619	8.95E-05	8.728984	31C	37C	ADP-ribosy	1739159	1570009	1385424	1211353	473726	374229.3	76575.65	76076.59	143378.1	285879.6	101380.6	90442.23	2565665	2229226	1429733	1156305	478698.8	162521.3	54593.05	45452.01	74532.87	125709.8	101380.6	103320.5
G3H750	2	2	8.312691	0.000123	8.79949	31C	37C	Calpastati	1601758	1128254	1698198	1276554	606512.8	561368.2	170371.6	159264	42458.04	36652.03	88585.45	283696.5	2362967	1601987	1752510	1218543	612879.6	243792.4	121463	95152.38	22071.15	16116.99	88585.45	324092.7

G3HIN8	1	1	2.879444	0.020511	9.141317	31C	37C	Leucine zip	8826.499	116319.2	33071.47	30774.34	49544.33	18184.82	0	8929.051	9668.535	0	9485.961	0	13021.15	165159.4	34129.17	29375.85	50064.42	7897.349	0	5334.668	5026.037	0	9485.961	0
G3I5C5	1	1	2.69409	0.000828	9.324736	31C	37C	Zinc finger	9454303	10099567	3091728	3331654	1656989	1467772	658973.9	985941.5	329017	535527.6	116089.5	495398.1	13947302	14340182	3190609	3180253	1674383	637427.9	469802	589051.4	171034.3	235487.5	116089.5	565938.9
G3HT19	2	2	4.4891	1.69E-07	9.404942	31C	37C	Zinc finger	362931.1	428583.6	389977	463039.5	263638	227355.7	28114.25	35859.22	32728.97	23952.31	56478.38	49930.98	535408.1	608537.7	402449.3	441997.5	266405.5	98736.62	20043.48	21424.11	171013.65	10532.55	56478.38	57040.76
G3I2Q4	1	1	1.903152	0.017357	9.853305	31C	37C	NEDD8-co	189404	210548.6	197078.5	259111.9	91637.1	299005.4	0	0	52900.27	44408.95	29225.53	0	279415.1	298953.9	203381.5	247337	92599.05	129852.8	0	0	27499.38	19527.95	29225.53	0
G3HFG7	1	1	2.90391	0.004907	11.28472	31C	37C	Putative hy	271050.7	80625.06	29735.15	90546.13	67690	42389.35	0	0	0	0	26982.98	24594.39	399863	114478	30686.15	86431.43	68400.56	18408.96	0	0	0	0	26982.98	28096.44
G3H1A1	1	1	2.884565	0.007143	12.75129	31C	37C	THO comp	75487.66	70304.37	88265.22	16184.02	3851.674	2787.971	0	0	0	0	12366.83	7778.661	111361.9	99823.83	91088.14	15448.57	3892.106	1210.767	0	0	0	0	12366.83	8886.282
G3HYC4	2	2	5.443551	2.48E-06	12.83841	31C	37C	Serine pair	424339.9	434527.7	829914.5	939971.3	358215.3	257197.2	25018.35	43041.06	65561.11	23796.74	55030.28	40244.64	626000.3	616977.6	856457.1	897256	361975.6	111696.3	17836.32	25714.91	34080.92	10464.14	55030.28	45975.16
G3H8G0	2	2	9.563551	1.07E-05	13.78991	31C	37C	Glutathion	3104014	3215557	2891495	2819079	2106710	2373720	138701.1	158273.4	46075.87	72166.98	227726.7	554349.6	4579145	4565709	2983972	2690972	2128825	1030865	98884.1	94560.54	23951.82	31733.98	227726.7	633284.6
G3I180	1	1	4.771042	0.006098	14.98154	31C	37C	TRAF famil	661713.4	998944.4	1660636	1765025	245440.8	37124.93	125430.3	113665	11472.92	24567.04	17977.92	65253.45	976181.7	1418382	1713747	1684817	248017.3	16122.71	89422.94	67909.24	5964.018	10802.86	17977.92	74545.03
G3GVZ0	1	1	2.348462	0.014421	16.55786	31C	37C	Protein KTI	63097.67	18669.99	161570.2	191453.4	31668.93	0	0	28171.52	0	0	0	0	93083.79	26509.16	166737.6	182753.2	32001.37	0	0	16831.1	0	0	0	0
G3GTU0	1	1	2.427347	0.002637	17.76364	31C	37C	Zinc finger	74368.7	29666.15	98843.14	95284.63	97959.04	20641.2	0	0	0	5421.427	18040.17	0	109711.2	42122.39	102004.4	90954.6	98987.35	8964.384	0	0	0	2383.964	18040.17	0
G3IIK9	1	1	3.928392	0.026848	21.34765	31C	37C	Cornifin-A	273019.6	709658	1215038	1037290	548273.3	324919.3	79232.01	62649.17	0	14502	24852.18	11207.33	402767.6	1007630	1253898	990152.2	554028.8	141106.8	56486.85	37429.79	0	6376.963	24852.18	12803.16
G3IJQ6	1	1	3.029832	0.009324	29.58368	31C	37C	Pre-mRNA	1158050	1149988	632096.6	830696.4	316892.7	191296.3	0	31192.45	0	0	66571.98	46876.83	1708395	1632847	652312.5	792946.9	320219.3	83076.68	0	1835.95	0	0	66571.98	53551.73
G3HID7	1	1	2.724766	0.010929	38.57877	31C	37C	Pre-mRNA	471815.9	321862.4	619274.8	676385.8	412201.8	436372.2	11282.37	14032.52	0	40955.32	0	9883.401	696038.6	457006.2	639080.6	645648.7	416528.8	189508.8	8043.538	8383.739	0	18009.28	0	11290.72
G3H3E4	1	1	2.049308	0.00012	39.56174	31C	37C	Galectin-3	65225.96	135037.9	83559.8	82716.19	74380.97	49195	0	0	0	0	12388.63	0	96223.51	191737.8	86232.23	78957.31	75161.77	21364.53	0	0	0	0	12388.63	0
G3IKW4	1	1	3.135144	0.000123	52.84456	31C	37C	GDP-L-fuc	237325.9	554932.7	108302.4	121955.2	142236.9	166435.4	0	0	0	25190.64	0	0	350111	787938.3	111766.1	116413.2	143730	72279.99	0	0	0	11077.08	0	0
G3HGL0	1	1	2.495656	0.001175	448.2731	31C	37C	Single-stra	1167766	1509702	2225528	2859719	24221.23	10497.97	9706.401	0	7687.983	0	0	0	1722728	2143596	2296706	2729765	24475.49	4559.087	6919.981	0	3996.478	0	0	0
G3HIC4	1	1	3.438888	0.000608	Infinity	31C	37C	Protein trai	318016.6	23253.63	0	168340.7	70259.88	215067.3	0	0	0	0	469148.6	33017.39	0	160690.8	70997.42	93400	0	0	0	0	0	0	0	0
G3H4Z8	6	6	22.54435	0.001139	1.505405	37C	31C	HSPA2 | HS	2.13E+08	2.34E+08	1.81E+08	2.04E+08	1.89E+08	2.53E+08	2.69E+08	3.21E+08	3.83E+08	3.98E+08	2.79E+08	2.69E+08	3.14E+08	3.33E+08	1.87E+08	1.95E+08	1.91E+08	1.1E+08	1.92E+08	1.92E+08	1.99E+08	1.75E+08	2.79E+08	3.07E+08
G3GSJ6	1	1	2.238769	0.003747	1.507089	37C	31C	Protein phi	152496.3	311878.7	187655.2	195538.2	197287.1	257343.6	365948.8	382302.9	279014.8	317832	323426.5	294004.5	224967.7	442830.6	193656.9	186652.3	199358.1	111759.9	260895.7	228407.1	145041.5	139760.2	323426.5	335868.4
G3H4V1	2	2	4.789012	0.009296	1.509644	37C	31C	Septin-2 |S	6157780	6274978	5751307	5828375	6549668	8598505	7951197	8714178	13209271	13462095	7934619	7847223	9084162	8909722	5935247	5563515	6618422	3734181	5668644	5206292	6866633	5919686	7934619	8964606
G3GXX7	1	1	2.218166	0.033687	1.510126	37C	31C	Tyrosine-pi	806936.3	844901	2033775	2097801	956142.4	2029981	1950268	2746724	1927017	2293610	2070164	2255318	1190419	1199659	2098819	2002470	966179.3	881585.3	1390404	1641032	1001730	1008569	2070164	2576457
G3I5R2	1	1	2.550127	0.00344	1.512529	37C	31C	40S ribosol	52436275	54160225	43700817	39495533	46138029	60980005	63108294	73078284	90231271	97734790	57314190	67619435	77355739	76901069	45098470	37700731	46622356	26482556	44991772	43660670	46905315	42976916	57314190	77247912
G3HYI7	1	1	2.31328	0.012112	1.514112	37C	31C	U2 snRNP a	3855182	3877605	3263499	3135812	3381233	2668193	3779068	4034206	7527771	6425314	4292242	4498493	5687292	5505738	3367873	2993311	3416727	1158750	2694210	2410239	3913194	2825403	4292242	5139043
G3I6W8	3	3	6.984172	0.017918	1.517172	37C	31C	40S ribosol	14187452	13495685	11453751	12324706	15355976	17882789	15101286	17342409	27422418	32257943	17742517	18638435	20929802	19162265	11820068	11764632	15517174	7766184	10766154	10361234	14255115	14184784	17742517	21292402
G3HY07	1	1	2.219194	0.014614	1.519068	37C	31C	Glutathion	2399606	2829518	1710427	1873291	2967290	3018692	4111353	4204678	2647361	2687224	4454672	4375133	3539978	4017579	1765131	1788162	2998439	1310965	2931105	2512088	1376189	1181653	4454672	4998117
G3H6A7	1	1	2.020988	0.032539	1.52	37C	31C	Putative gl	246599.5	394520.3	312926.9	444091.2	286287.1	174890.9	550897.2	674363.4	447747	307290.9	427421.7	418440.4	363791.8	560171.9	322935	423910.3	289292.3	75952.09	392750.9	402898.9	232754.3	135125	427421.7	478023.1
G3HB38	1	1	2.024264	0.006505	1.520189	37C	31C	Putative AT	1201760	1156107	753548.8	737589.9	745558.5	574068.4	1307814	1320403	1062865	1168128	1498000	1500085	1772876	1641535	777649	704071.5	753384.9	249307.9	932379.7	788875.7	552513.8	513661	1498000	1713686
G3GTF3	1	1	2.584935	0.018844	1.521735	37C	31C	5'(3')-deox	1855136	2296553	3188592	3406136	3278379	3150166	4067729	4886686	2655377	3906559	4896012	5723383	2736758	3260832	3290571	3251350	3312793	1368062	2900004	2919554	1380356	1717831	4896012	6538348
G3GU92	2	2	5.306062	0.048874	1.52477	37C	31C	Lupus La p	2773572	3253814	3391437	3405133	5805320	6791757	4259286	5106391	8146355	9895090	5490757	5863354	4091665	4620029	3499903	3250393	5866261	2949542	3036571	3050817	4234755	4351168	5490757	6698249
G3HS21	1	1	2.614035	0.002807	1.52501	37C	31C	GTP:AMP p	1158429	1322263	1330029	1555753	988289.8	856052.6	1740827	2017647	1986463	2169432	1412989	1669211	1708953	1877456	1372566	1485055	998664.2	371768.7	1241087	1205445	1032632	953964.2	1412989	1906893
G3HXU0	9	9	23.03555	0.003605	1.528546	37C	31C	Tubulin--ty	4311663	3997852	3323093	3363530	3616163	4239429	5181622	4944999	8189712	7135979	4708304	4769312	6360708	5676473	3429373	3210681	3654123	1841110	3694132	2954393	4257294	3137904	4708304	5448424
G3HJH9	1	1	2.640638	0.005645	1.52866	37C	31C	RPA3 |	3598486	3435207	3391028	3219382	3726569	4796264	4716946	6171738	5365206	8179646	3952427	5499737	5308606	4877584	3499480	3073083	3765688	2082934	3362851	3687309	2789018	3596835	3952427	6282857
G3HQ89	1	1	2.88998	0.010972	1.530433	37C	31C	V-type prot	505893.1	877952.9	603107.3	717601.3	576775.1	706512.7	1190823	1148828	735448.4	681443.3	1150871	1195710	746310.4	1246589	622396.1	684991.2	582829.7	306826.2	848973	686368	382311.3	299651	1150871	1365969
G3I0M2	1	1	3.315665	0.021331	1.535417	37C	31C	Platelet-ac	4134578	2786479	3243678	2580972	3843757	6263471	6043391	5299404	8347453	6384564	4914948	4099024	6099467	3956468	3347419	2463684	3884106	2720117	4308513	3166133	4339293	2807484	4914948	4682693
G3I1V4	8	8	25.87933	7.82E-05	1.53819	37C	31C	Bifunctiona	8632388	8278619	7236103	6957652	8184452	8498877	11547066	12112278	13296057	15070421	10233138	11248224	12734786	11754652	7467530	6641474	8270367	3690915	8232246	7236489	6911747	6626916	10233138	12849883
G3I1D2	2	2	5.052775	4.20E-07	1.5412	37C	31C	Actin-like p	1886376	1616955	1637347	1526673	1548727	1797025	2462754	2688869	2468799	2679404	2551798	2580567	2782845	2295883	1689713	1457296	1564984	780416.5	1755771	1606467	1283366	1178214	2551798	2948020
G3HCH0	1	1	2.267133	0.000311	1.541628	37C	31C	MYDGF |	1046230	951232.5	901491.1	951601.9	742877.9	768741.3	1307734	1677597	1304442	1497794	1094542	1384370	1543433	1350637	930322.8	908358.1	750676.2	333851	932322.4	1002281	678094	658625.1	1094542	1581494
G3HJ68	2	2	4.873001	0.000167	1.545354	37C	31C	Heterogen	6427676	5954342	5675503	5803516	6345436	7737573	8877136	10170942	10857211	11835309	8274431	8621955	9482322	8454456	5857018	5539785	6412047	3360294	6328773	6076636	5643951	5204340	8274431	9849654
G3II69	5	5	15.34848	9.87E-05	1.545873	37C	31C	DNA dama	3028782	2913817	2809662	2526215	3232938	2929235	5258089	4692505	4291415	3407059	4800524	4511427	4468160	4137272	2899522	2411416	3266875	1272116	3748648	2803540	2230825	1498186	4800524	5153819
G3IB04	1	1	4.240776	0.029468	1.545903	37C	31C	Connector	1116516	781020.4	787144.4	508620	839707.2	793336.8	1727914	1644616	836693	839878.9	1305526	1106434	1647122	1108956	812319.1	485506.7	848521.9	344532.4	1231881	982576.8	434941.8	369319.9	1305526	1263982
G3HP08	2	2	8.161727	0.01039	1.5461	37C	31C	AP-1 comp	1947281	1576280	1488282	1279833	2743511	2301908	2731710	2691564	3094281	4118254	2262015	2630462	2872694	2238130	1535880	1221674	2772310	999678.4	1947517	1608077	1608513	1810920	2262015	3005019
G3GS78	1	1	2.22769	7.21E-05	1.546876	37C	31C	DnaJ-like s	667954.2	552419.6	599938.8	514471.4	759332.7	558168	1007760	909376.3	1029680	860183.4	999386.1	843247.1	985388.3	784370	619126.2	491092.2	767303.7	242402.6	718461.8	543307.5	535263.2	378248.4	999386.1	963318.8
G3GU76	3	3	12.46249	0.004891	1.550121	37C	31C	60S acidic	22921568	20508852	21342482	20351174	26364125	32473319	31489088	34983587	46452377	50277034	30704245	29251481	33814660	29120127	22025064	19426352	26640879	14102598	22449503	20900968	24147542	22108319	30704245	33416662
G3I4X9	1	1	3.110066	0.000924	1.550154	37C	31C	Cyclin-dep	245352.5	293489.8	230433.8	261637.6	240696.5	272586.1	405116.9	466072.1	278837.6	337545.9	444177.3	461992	361952.1	416720.5	237803.6	249748	243223.1	118379.4	288819.8	278455.1	144949.4	148429	444177.3	527776
G3HYP6	1	1	2.269883	0.041049	1.551159	37C	31C	Nuclear mi	1962723	2117217	3203689	3088029	3364116	6638952	5247474	6717683	5162942	7054985	3751937	3669415	2895474	3006196	3306150	2947700	3399430	2883182	3741080	4013484	2683875	3102288	3751937	4191911
G3HPE9	1	1	2.316383	5.11E-05	1.553866	37C	31C	Echinoderr	1741917	1725207	1712345	1556916	1397721	1216978	2727231	2508542	2422237	2257492	2390787	2224044	2569734	2449588	1767109	1486165	1412394	528512.4	1944324	1498730	1259162	992687.1	2390787	2540730
G3H533	1	1	2.123202	0.003305	1.553921	37C	31C	Peptidyl-pr	16401674	19454165	27546393	29712948	29726147	33036353	37904643	43362409	33816149	39391515	42316461	45430399	24196296	27622596	28427389	28362698	30038194	14347114	27023343	25906901	17578796	17321630	42316461	51899331
G3H151	1	1	2.112026	0.000453	1.55415	37C	31C	60S ribosol	12458195	12120528	8836083	9266883	8017184	8940640	12992855	14833097	15841245	18492701	14846559	15682297	18378745	17209706	9118682	8845766	8101343	3882764	9262991	8862044	8234823	8131795	14846559	17915333
G3HFP8	1	1	2.497031	0.000167	1.554686	37C	31C	KDEL motif	1257179	1091050	1211952	982595.9	1193468	1392536	2224836	1976480	1897376	1810064	1704155	1470105	1854632	1549160	1250713	937943.6	1205996	604754	1586152	1180850	986321.2	795939.5	1704155	1679437
G3HZV0	1	1	4.028598	9.82E-05	1.555706	37C	31C	Ribosomal	16319156	17238375	19209947	20619543	18568637	22027608	28159156	31307345	24055366	26840376	33423597	33538591	24074562	24476439	19824325	19682526	18763558	9566207	20075496	18704594	12504806	11802518	33423597	38314223
G3I7T9	1	1	3.354438	0.000868	1.559503	37C	31C	Guanine nu	3645346	3553066	4092207	3655820	3196358	4558136	5109952	7246701	5582765	7530234	4910817	5021710	5377736	5044931	4223085	3489688	3229912	1979519	3643036	4329547	2902113	3311269	4910817	5736762
G3IHX5	1	1	2.476923	0.035807	1.57021	37C	31C	Polypyrimi	2105116	2569142	2866498	3298534	1276563	3059718	3677591	5184137	2693655	5707086	2886072	3680295	3105537	3647876	2958175	3148638	1289964	1328782	2621863	3097266	1400254	2509577	2886072	4204341
G3GZL7	2	2	6.040537	5.55E-05	1.571137	37C	31C	Calcyclin-b	3458486	3701827	3242578	3563408	3122201	3338747	4790922	5260818	6098469	6598026	4488650	4857115	5102074	5256153	3346283	3401475	3154976	1449960	3415590	3143079	3170194	2901350	4488650	5548730
G3H5V0	9	9	27.99639	6.27E-05	1.572252	37C	31C	Importin su	8853532	8498330	9047191	8582517	9747484	11318503	13117091	15150209	15588964	17820210	12541025	13903385	13061025	12066617	9336541	8192501	9849807	4915429	9351563	9051503	8103679	7836080	12541025	15883118
G3IDD4	10	10	43.72289	0.00035	1.581644	37C	31C	SERPINH1	81312572	76875816	75031646	74543525	81473478	92970385	1.26E+08	1.43E+08	1.43E+08	1.5E+08	93429782	1.07E+08	1.2E+08	1.09E+08	77431330	71156032	82328734	40375422	89504032	85630894	74296538	66150852	93429782	1.22E+08
G3HX34	2	2	4.766571	1.14E-06	1.582165	37C	31C	60S ribosol	11724965	12131509	12151851	13186702	10716915	11225371	16111582	19265102	18370470	18797876	19727258	20278647	17290759	17225298	12540495	12587457	10829414	4874984	11486424	11509948	9549602	8265989	19727258	23166167
G3GXA9	1	1	2.390997	0.011301	1.582811	37C	31C	Protein dis	1037857	1550658	1725064	1887363	2082927	2126483	3285515	3445809	1967861	1970833	3033938	2773658	1531081	2201750	1780235	1801595	2104792	923494.6	2342341	2058701	1022962	866634.5	3033938	3168605
G3HB04	5	5	19.28437	0.008521	1.585724	37C	31C	Protein dis	23935799	26586174	21935022	25494939	31680427	45020134	39819398	51707699	51667097	62097352	32616014	39043102	35310887	37749200	22636554	24336368	32012988	19551462	28388428	30892799	26858332	27306067	32616014	44602533
G3HIR3	1	1	2.157478	0.003988	1.585827	37C	31C	PDZ domai	685942	638198.4	822333.3	753829.9	1008284	997867.4	1541876	1522087	981420.5	917305.3	1474077	1344021	1011925	906165.7	848633.4	719573.5	1018868	433356.5	1099249	909371.9	510176.1	403366.6	1474077	1535400
G3GZ90	2	2	11.04395	0.000141	1.588511	37C	31C	Calumenin	5010201	4729641	4811703	4852217	6487274	6579608	9743989	9790694	7353227	8541675	7981655	8168742	7391216	6715527	4965592	4631717	6555373	2857409	6946778	5849457	3822460	3756030	7981655	9331907
G3I8S7	3	3	10.09213	0.030174	1.591191	37C	31C	Polyadenyl	11179122	10261867	10354897	10568403	12435517	15856059	14293018	14894672	29443844	27142491	13312017	13340938	16491814	14570628	10686071	10088141	12566058	6886011	10189916	8898832	15305922	11935367	13312017	15240582
G3GR83	1	1	1.924526	0.020489	1.592357	37C	31C	1,5-anhydr	3457929	3047089	2821965	3130687	4054132	5093879	3801352	5219475	6818603	9184029	4159663	5220845	5101252	4326504	2912218	2988419	4096690	2212183	2710097	3118379	3544544	4038493	4159663	5964253
G3I0X5	1	1	2.004846	0.049745	1.596759	37C	31C	Epoxide hy	4048269	3472322	3833337	4190280	3039410	3465689	5326077	5541141	8882648	8642880	3500197	3314480	5972141	4930283	3955936	3999860	3071316	1505088	3797118	3310558	4617506	3800534	3500197	3786436
G3HD18	1	1	2.095905	0.000298	1.599912	37C	31C	ATP-depen	878211.2	756949	846777.8	722648.2	715429.4	540195.9	1299573	1306701	1072655	950966.8	1272049	1234001	1295566	1074777	873859.7	689808.8	722939.5	234597.7	926504.3	780689.6	557602.7	418168.6	1272049	1409713
G3HBG8	1	1	2.008635	0.001712	1.604219	37C	31C	Calmodulii	56178688	54555072	43393893	47185034	46574044	52241105	69169639	75033164	99508847	1.11E+08	61659346	64968266	82876671	77461703	44781729	45040797	47062948	22687404	49313085	44828614	51728118	48867818	61659346	74219238
G3HJJ1	1	1	2.297685	0.011297	1.604599	37C	31C	RPIA |	602878.9	608808.7	353619.1	402070.2	294322.1	429973.8	654191.3	798780.6	846648.3	945624.1	582753.1	491057.3	889387	864435.8	364928.7	383798.8	297411.7	186730.2	466392.3	477232	440116.9	415819.3	582753.1	560980
G3I6I6	6	6	28.22906	0.021822	1.605644	37C	31C	Tubulin alp	37347560	39971478	45981913	46073511	66859100	92872907	75571540	79554171	1.26E+08	1.15E+08	68323548	64285086	55096364	56754738	47452520	43979785	67560944	40333089	53877189	47529693	65479541	50450802	68323548	73438778
G3HI03	1	1	2.577607	0.007887	1.607216	37C	31C	U4/U6 sma	871111.1	921102.1	856445.3	785035.8	429875.5	380047.7	1118850	1126206	1193963	1140953	1109900	1130537	1285092	1307855	883836.4	749361.3	434388	165048.1	797661.1	672852.3	620662.9	501711.3	1109900	1291517
G3HXF6	1	1	1.958791	3.44E-06	1.608767	37C	31C	60S ribosol	22049945	20432922	17429608	18280342	16823730	19524600	27806474	29957956	31270245	34760876	29176701	31297779	32528814	29012316	17987047	17449626	17000335	8479194	19824059	17898401	16255348	15285399	29176701	35754337
G3HBU2	3	3	6.640883	0.000115	1.61533	37C	31C	STIP1-likely	797460.7	775481.2	597934	607084	874271.4	879521.3	1297851	1079195	1135522	1150094	1335884	1321732	1176441	1101091	617057.3	579496.2	883449	381960.8	925276.5	644765.7	590283.5	505730.7	1335884	1509936
G3I2F2	1	1	3.11143	0.008799	1.621967	37C	31C	Splicing fa	2741159	3098385	1966675	1741052	1874688	1119823	3648149	2924553	3461952	2609450	4080989	3617268	4043849	4399338	2029573	1661933	1894367	486319.6	2600873	1747276	1799642	1147453	4080989	4132339
G3HWP9	2	2	5.268905	0.000332	1.625214	37C	31C	Heterogen	19077136	17436224	17312594	18501305	16349312	22167504	25026331	29766112	36324038	38030941	24417917	26579959	28143227	24757361	17866291	17660547	16520937	9626962	17842013	17783784	18882483	16723344	24417917	30364736
G3I1J6	4	4	11.59576	1.16E-06	1.628261	37C	31C	[Protein AC	4965782	4446006	4030815	3860753	4226473	4838439	7537946	6914903	7770666	7031276	7063943	6615677	7325688	6312799	4159730	3685308	4270840	2101250	5374025	4131314	4039459	3091863	7063943	7557697
G3I5Z5	6	6	16.6697	1.27E-06	1.62865	37C	31C	Prostaglan	15531857	15654125	14301362	14514372	16525520	18316350	25444432	28493395	24424634	27369987	23304914	25429681	22913113	22226993	14758753	13854793	16698994	7954472	18140089	17023398	12696764	12035404	23304914	29050668
G3HMH7	1	1	4.742347	0.011772	1.630623	37C	31C	Platelet gly	3751457	4098612	3384182	3867768	5198290	6733703	6025046	6760234	9039958	11000911	5056539	6199583	5534274	5819542	3492416	3692004	5252858	2924330	4295434	4038906	4699281	4837430	5056539	7082355
G3HVD1	1	1	3.343463	7.53E-07	1.63181	37C	31C	Uncharacte	2250894	2122483	2135063	2029682	1941953	1941927	3621946	3796604	3249681	2922625	3453169	3226319	3320593	3013673	2203347	1937447	1962339	843344.9	2582192	2268283	1689296	1285166	3453169	3685722
G3HSY5	1	1	1.966506	0.000698	1.632222	37C	31C	Transcripti	811878.6	727652.2	524656.2	704269.4	532641.8	546802	1059281	831275.7	1192869	925899.3	1295378	975924.8	1197710	1033180	541435.9	672265.1	538233.1	237466.6	755193.1	496646.2	620094.5	407145.7	1295378	1114889

G3HU51	3	3	9.015547	0.012848	1.634293	37C	31C	Isocitrate d	2201177	2270514	1748010	1919378	2119791	2468030	2620189	3069231	4752735	5348876	2424405	2584043	3247250	3223860	1803916	1832156	2142043	1071822	1868010	1833714	2470635	2352061	2424405	2951991
G3HKG8	2	2	4.858199	2.73E-05	1.634467	37C	31C	40S riboso	6597769	8074387	7559012	8304284	7320682	8242608	11339143	12683197	10323122	11928567	14094954	14977892	9733249	11464668	7800766	7926911	7397529	3579626	8084011	7577584	5366313	5245349	14094954	17110626
G3GVB5	1	1	1.919508	0.002567	1.636972	37C	31C	Ras-relate	6395002	6272215	6571614	6581043	5669698	6759047	9131942	9725560	13481642	14794633	7802117	7676034	9434121	8905798	6781789	6281980	5729215	2935337	6510432	5810543	7008221	6505643	7802117	8769041
G3I3W0	1	1	2.038448	0.004516	1.639056	37C	31C	Calponin |	2190129	1956135	2182041	2586328	1361059	1805138	2321180	3418085	4211129	4243819	2720474	2886473	3230952	2777478	2251828	2468797	1375347	783940.1	1654838	2042137	2189089	1866134	2720474	3297484
G3HGQ1	1	1	1.900506	4.79E-06	1.64276	37C	31C	Cation-ind	690448.8	817518.2	831467.8	934166.9	838443	725351.5	1450311	1281219	1251836	1164975	1373679	1424661	1018573	1160778	858060	891715.4	847244.5	315007.6	1033970	765465.3	650747.2	512274.5	1373679	1627522
G3HN60	2	2	4.36088	0.001244	1.644841	37C	31C	60S riboso	2055023	1980070	2167353	2177398	2063625	1418122	3146121	2552051	2732543	2783268	4102358	4194093	3031638	2811463	2236670	2078450	2085288	615865.6	2242963	1524725	1420470	1223886	4102358	4791299
G3HCN2	2	2	4.263535	3.15E-09	1.645634	37C	31C	CTP syntha	2319440	2510231	2303160	2401959	2414270	2635789	4197561	4139267	3855749	3820869	4045841	3942035	3421715	3564229	2376821	2292806	2439613	1144677	2992565	2473008	2004351	1680151	4045841	4503349
G3I798	1	1	2.128046	7.08E-06	1.64591	37C	31C	AMP deam	1420606	1345670	1392230	1224197	1426922	1164235	2457342	2479221	1888561	1938061	2236587	2124485	2095726	1910692	1436756	1168566	1441901	505607.2	1751912	1481212	981738.9	852223.5	2236587	2426995
G3HK00	2	2	5.092181	3.66E-05	1.646254	37C	31C	Guanine nu	9127965	10006006	9601377	11073610	10278028	13260373	16119466	20309153	14873222	17710170	16354867	18918985	13465878	14207337	9908451	10570390	10385920	5758750	11492045	12133717	7731612	7787693	16354867	21612900
G3IKN5	1	1	2.189761	0.00161	1.646511	37C	31C	Glutathion	5101589	4809623	3799074	4914841	4653977	5254012	6390238	7025699	9767995	10999016	5953039	6844099	7526034	6829092	3920577	4691495	4702832	2281726	4555790	4197509	5077739	4836597	5953039	7818645
G3HK90	2	2	7.710788	0.001084	1.649945	37C	31C	14-3-3 prot	12098893	10396193	9418555	9540300	11854202	13671525	16490604	18391743	23868165	22716436	13763761	15282078	17848690	14761356	9719782	9106759	11978639	5937306	11756640	10988159	12407493	9989098	13763761	17458126
G3I3X6	2	2	4.618438	0.001704	1.652607	37C	31C	Proteasom	3606444	5210846	4258388	5842369	3891427	6468160	7252005	8758807	7935125	10800498	6609114	7028862	5320346	7398781	4394581	5576873	3932277	2809009	5170169	5232955	4124951	4749303	6609114	8029717
G3HIX6	1	1	2.327238	1.10E-05	1.655543	37C	31C	Tryptophar	1574170	1429992	1235602	1117673	1090627	1246826	2040945	2139567	1956750	2042837	2277833	2281286	2322268	2030418	1275120	1066883	1102075	541474.9	1455050	1278286	1017186	898296.6	2277833	2606123
G3I539	4	4	11.31192	8.76E-06	1.656231	37C	31C	Hsc70-inte	7933977	7944858	7570492	7683443	6414807	6825299	12445775	12075206	13946561	13775112	10741960	10507128	11704467	11280752	7812613	7334283	6482146	2964109	8872961	7214340	7249901	6057330	10741960	12003261
G3GVW1	1	1	2.50466	0.005068	1.657857	37C	31C	Protein trai	1134941	937326.4	1001629	539601.4	1296060	1181810	2237054	1653050	1476459	1562703	1829048	1340298	1674302	1330892	1033663	515080.2	1309665	513239.5	1594862	987615.8	767514.3	687167.3	1829048	1531146
G3HYL2	1	1	2.219435	1.89E-06	1.657947	37C	31C	60S riboso	18269433	19675893	20821913	20977371	20457404	23081621	29073518	35197598	31528605	35775590	34343671	38478704	26951676	27937424	21487846	20024093	20672153	10023947	20727372	21028829	16389652	15731599	34343671	43957769
G3I003	2	2	4.113425	1.98E-06	1.660734	37C	31C	60S riboso	13008997	12933535	12003932	12209929	11519816	15201011	18932498	20678998	22033261	24298664	20912979	20816240	19191306	18364079	12387845	11655071	11640744	6601535	13497538	12354681	11453646	10684851	20912979	23780310
G3HIY3	1	1	2.566525	0.000586	1.66116	37C	31C	40S riboso	13703818	12872630	13012400	12396083	17050082	21198576	19939090	22161307	30129751	27139338	24802093	25720879	20216328	18277601	13428566	11832765	17229063	9206173	14215168	13240288	15662480	11933980	24802093	29383330
G3ILX2	1	1	1.950164	0.000209	1.662399	37C	31C	26S protea	6411305	5452146	3849424	3734709	5226724	5877436	8007414	8163499	8717360	8539710	9023774	8337443	9458170	7741398	3972537	3564992	5281591	2552468	5708722	4877288	4531583	3755166	9023774	9524630
G3HZF4	2	2	4.793144	0.000266	1.665338	37C	31C	Chloride in	16731876	16025439	16552381	15908828	16813146	18204914	22387116	29933032	30053544	38331743	22609916	23612416	24683421	22754214	17081764	15185881	16989640	7906078	15960438	17883510	15622865	16855616	22609916	26974639
G3HZ42	6	6	21.46071	0.000948	1.665851	37C	31C	T-complex	21759255	21260853	19324715	18465210	22368972	24734945	30000306	33390757	48441198	44523862	26987704	29741694	32099978	30187879	19942764	17626092	22603787	10741957	21388107	19949330	25181399	19578476	26987704	33976678
G3I2M1	5	5	16.93094	0.015801	1.666502	37C	31C	T-complex	16721902	14844274	13820461	12638007	17160046	19698865	20940038	22858545	39487119	38583081	18085525	18169371	24668707	21077101	14262471	12063696	17340181	8554875	14928773	13656853	20526761	16966137	18085525	20756547
G3HPY5	1	1	2.390422	0.012171	1.666803	37C	31C	U4/U6.U5 t	824108.3	1070950	658947	503682.6	628709.6	311889.5	1014201	849275.4	1379100	1074789	1087056	1259938	1215752	1520622	680021.7	480793.7	635309.4	135448.2	723054.1	507400.2	716903.3	472616.7	1087056	1439344
G3IH35	2	2	8.555252	0.001202	1.669042	37C	31C	Plasminog	3197723	3590916	4278385	4526578	3263107	3794218	7325294	7957650	6374924	6899169	4635611	4612696	4717388	5098673	4415218	4320876	3297361	1647763	5222419	4754304	3313904	3033772	4635611	5269508
G3H2H5	2	2	8.076564	0.001861	1.670778	37C	31C	Acetyltrans	6883981	6015635	7240992	7201032	5930348	6972251	9876756	11834726	12540597	16423507	7812471	8751121	10155477	8541486	7472576	6873794	5992601	3027928	7041432	7070665	6519033	7221908	7812471	9997212
G3GZ50	1	1	2.984802	0.022093	1.671508	37C	31C	Zinc phosp	204533.9	185710.5	346423.6	409272.4	282482.6	427665.4	534504.8	581280	610725.8	673346.3	418997.2	283611.5	301735.2	263686.8	357503.1	390673.8	285447.9	185727.6	381064.3	347286.1	317476.2	296090.6	418997.2	323995.6
G3HP69	3	3	10.56341	0.0119	1.67275	37C	31C	Calnexin |	3777984	3476353	3521322	3447425	3039870	3560556	4968188	5193111	8226430	8762116	3743239	3939446	5573408	4936008	3633942	3290763	3071780	1546288	3541968	3102627	4276381	3852965	3743239	4500393
G3HC03	1	1	4.719182	4.78E-06	1.67291	37C	31C	40S riboso	19110796	19439532	16043758	16113471	14505100	16721572	28691227	31627155	24357571	29977730	27627986	28245162	28192882	27601819	16556874	15381224	14657365	7261888	20454826	18895665	12661902	13182107	27627986	32267051
G3GR90	3	3	11.62623	0.000833	1.674788	37C	31C	Isopenteny	5299928	5106256	5185060	5053925	6746181	8293423	10869574	10551842	12268539	10182952	8302773	7588763	7818630	7250276	5350890	4824259	6816998	3601689	7749241	6304205	6377608	4477749	8302773	8669343
G3HUQ0	1	1	3.016563	0.000169	1.674832	37C	31C	UPF0363 p	1338641	1253028	892340.6	1117282	994204.6	1162589	1501686	2269089	1867276	2125038	1621147	1934419	1974808	1779150	920879.7	1066509	1004641	504892.1	1070597	1355669	970674	934442.9	1621147	2209865
G3IC54	1	1	2.021897	0.000118	1.676573	37C	31C	60S riboso	1890756	1709715	1679234	1574707	1840968	1775079	3030114	3136147	2224596	2317111	3378809	3467710	2789306	2427592	1732940	1503147	1860294	770885.9	2160258	1873693	1156421	1018903	3378809	3961485
G3IDL7	5	5	16.52703	4.47E-07	1.678214	37C	31C	Heat shock	70808710	74078704	72872408	75966347	66494365	73722896	1.14E+08	1.22E+08	1.29E+08	1.42E+08	1.07E+08	1.15E+08	1.04E+08	1.05E+08	75203034	72514196	67192380	32016572	81253393	72717761	67043525	62245753	1.07E+08	1.31E+08
G3H177	2	2	4.392403	0.005689	1.681046	37C	31C	Lectin, mai	767608.8	1124539	1074034	1084498	717030.2	649664.1	1422013	1710305	1840904	1951429	1187638	994562.2	1132402	1596711	1108384	1035215	724557.1	282137.8	1013795	1021823	956965.4	858101.7	1187638	1136180
G3I877	8	8	22.59613	4.26E-06	1.685716	37C	31C	Stress-indu	24283958	22107783	21901436	22975628	23083030	27246456	37720223	39287680	43375761	47434986	35605613	35270263	35824504	31390419	22601894	21931543	23325341	11832662	26891864	23472451	22548211	20858585	35605613	40292471
G3IIT5	5	5	19.30469	0.004117	1.688137	37C	31C	Nucleoson	3037098	3903400	2987178	3548169	2897382	2625184	3989814	4704930	6942629	7808537	3792600	4833414	4480428	5542363	3082714	3386929	2927796	1140072	2844456	2810964	3609017	3433648	3792600	5521655
G3HLK9	1	1	2.640471	0.004507	1.688852	37C	31C	Coiled-coil	1493029	1761635	1312481	1567300	1273439	1785096	1677866	2208764	3142107	3905276	2139854	2451709	2202566	2501311	1354457	1496077	1286807	775236.1	1196200	1319628	1633375	1717267	2139854	2800814
G3HU24	1	1	3.358445	0.018935	1.691955	37C	31C	Aflatoxin B	778737	1065690	679436.3	757141.2	1052028	662432.7	2115196	1502303	1035956	728562.8	1623408	1446677	1148819	1513152	701166.2	722734.3	1063071	287683	1507986	897551.9	538525.8	320370.9	1623408	1652672
G3HRY2	1	1	2.214481	0.017052	1.693802	37C	31C	Peroxisom	1056079	396922.7	580160.7	594209.4	1068738	785682.6	1241204	1788627	792738.9	1472299	1058763	1237635	1557963	563583	598715.6	567206.6	1079957	341208.3	884890.9	1068616	412092.9	647414	1058763	1413865
G3HAG7	1	1	2.045274	0.045434	1.697334	37C	31C	PH domain	254198.2	205573.7	785970.5	600908	478345.7	809066.1	726688.2	690518.3	1105740	1380668	799754	616182.4	375001.6	291890.1	811107.6	573600.8	483367.1	351363.4	518077.5	412550.6	574801.5	607120.9	799754	703921.9
G3HHA9	1	1	2.596175	0.003954	1.701979	37C	31C	Annexin | A	8035090	7923694	5807016	7052598	8359495	11231979	10506628	11354663	18211833	19142318	11984572	11192554	11853632	11250702	5992738	6732105	8447247	4877853	7490486	6783851	9467137	8417451	11984572	12786286
G3HH30	2	2	3.944245	2.70E-06	1.702927	37C	31C	Aldose red	1563161	1559339	1523230	1601137	1313690	1266718	2705881	2759526	2153434	2326158	2485443	2601760	2306027	2214076	1571946	1528376	1327480	550113.8	1929103	1648681	1119429	1022881	2485443	2972231
G3H8D3	1	1	2.450041	8.06E-07	1.710509	37C	31C	RNA-bindir	10156948	9861997	11566776	11314309	9798774	9929074	15821653	15966647	19140242	20110280	17764347	18322387	14983867	14002862	11936708	10800151	9901635	4312023	11279725	9539284	9949756	8843093	17764347	20931352
G3HSM4	1	1	1.915496	0.03438	1.714467	37C	31C	Small gluta	326412.1	245603.9	491062.7	436850.9	359987.1	296140.6	661421.1	294981.9	1057840	501271	672786.3	508189.4	481534	348728.2	506768	416999	363766	128608.7	471546.7	176237.1	549901.6	220423.9	672786.3	580551.6
G3HAE3	1	1	2.911072	0.001948	1.715377	37C	31C	ATP syntha	10740948	12792089	13732589	13777868	10408078	12066257	21841556	23486711	25439642	26558158	14118916	14665835	15845405	18163243	14171789	13151758	10517335	5240166	15571492	14032151	13224400	11678418	14118916	16754135
G3HRE2	1	1	2.552377	0.003409	1.715636	37C	31C	Apoptotic c	670743.3	549630.5	501912.6	490970.6	409907.6	237302	754802.3	905211.7	708960.2	766335.4	827465.8	944743.9	989502.8	780409.9	517965	468659.4	414210.5	103056.1	538120.9	540819.4	368541.9	336980.7	827465.8	1079268
G3ILF3	1	1	2.008171	0.000183	1.717295	37C	31C	Glutathion	1120260	1172769	930530.3	981826.8	776811.8	746563.1	1922233	1854692	1670190	1626763	1393110	1370982	1652645	1665192	960290.8	937209.5	784966.3	324219.4	1370417	1108087	868221.9	715336.6	1393110	1566199
G3HSM3	6	6	15.80398	1.24E-05	1.71739	37C	31C	Thimet olig	2698865	2765678	2461635	2603953	2316055	2827709	4647133	5376236	3655594	3824924	4584460	4829835	3981456	3926933	2540364	2485621	2340367	1228025	3313079	3212036	1900303	1681934	4584460	5517566
G3I6W5	1	1	1.912423	0.002716	1.722053	37C	31C	Prefoldin s	1727996	1506987	1415718	1328673	1304459	1369351	1987095	1844145	3538892	3454584	2098442	1978079	2549197	2139742	1460996	1268294	1318152	594685.3	1416659	1101786	1839638	1519084	2098442	2259742
G3HG40	2	2	4.923231	0.000741	1.728166	37C	31C	Eukaryotic	824901.7	1160035	800762.9	895642.7	866964.9	696203.7	1613706	1743194	1079354	1177642	1614532	1834960	1216922	1647111	826373.1	854941.9	876065.8	302349.2	1150459	1041472	561085.4	517844.4	1614532	2096244
G3I1X5	1	1	2.409632	3.92E-06	1.73336	37C	31C	Protein REI	1062232	873112.4	1135533	1119245	1118809	858189.3	1897104	1660780	1827344	1964298	1636855	1703457	1567039	1239716	1171849	1068383	1130554	372696.7	1352502	992233.8	949916	863760.8	1636855	1946016
G3HMB9	3	3	12.20693	0.001568	1.736004	37C	31C	Histone H2	2.76E+08	2.6E+08	1.9E+08	1.89E+08	2.23E+08	2.61E+08	4E+08	4.09E+08	5.12E+08	5.22E+08	2.98E+08	2.87E+08	4.07E+08	3.69E+08	1.96E+08	1.81E+08	2.25E+08	1.13E+08	2.85E+08	2.44E+08	2.66E+08	2.3E+08	2.98E+08	3.28E+08
G3HMQ0	6	6	25.62336	0.023665	1.754855	37C	31C	Peptidylpr	13294190	13637045	12036843	11857614	14243489	17769070	17379034	20694949	40940073	35294082	14951460	16109547	19612031	19362980	12421809	11318767	14393008	7716798	12390028	12364211	21282057	15519866	14951460	18403420
G3IHN6	2	2	4.531866	0.006177	1.756514	37C	31C	4F2 cell-su	2697838	2600269	2161237	2482135	3417321	4171177	3530225	4121842	7455656	6905891	4046913	4731130	3979940	3692072	2230358	2369339	3453193	1811470	2516802	2462597	3875706	3036727	4046913	5404806
G3HF56	1	1	2.623235	0.000472	1.757096	37C	31C	Calponin |	1974150	1723128	2037203	1942696	1901086	1769378	4680973	3567477	2878216	2451264	3792311	2568659	2912332	2446637	2102358	1854414	1921043	768410.3	3337204	2131392	1496195	1077894	3792311	2934416
G3HJ89	16	16	55.71915	0.010176	1.757738	37C	31C	Clathrin he	8231017	6348813	6806352	5878891	11131233	17388018	16381848	17506554	19090380	20474340	14128028	10473049	12142670	9014558	7024035	5611736	11248082	7551314	11679104	10459303	9923836	9003181	14128028	11964329
G3HXS2	1	1	2.820192	1.13E-05	1.761151	37C	31C	Uncharacte	1000136	980622.3	832355.5	850151	1014225	804733.5	1811942	1714921	1331114	1352711	1713203	1731134	1475435	1392367	858976.2	811517.5	1024871	349481.8	1291787	1024580	691958.8	594827.4	1713203	1977634
G3I308	2	2	7.060817	0.001012	1.761877	37C	31C	26S protea	3989435	3949567	3195968	3019358	3215957	3033438	4840406	5289392	8716737	7425196	4575774	5101341	5885348	5607914	3298183	2882149	3249716	1317369	3450869	3160151	4531259	3265081	4575774	5827732
G3I9F9	1	1	2.818281	0.003412	1.762689	37C	31C	Signal tran	172409.2	176116.2	116144.3	125685.6	195321.4	213494.8	305009.3	350052.9	196895.1	211207.2	355612.7	342451.7	254343.8	250064	119858.8	119974.1	197371.8	92717.09	217450.2	209139.3	102352.9	92874.12	355612.7	391214.2
G3IDG5	2	2	4.145704	0.000366	1.763246	37C	31C	40S riboso	20655935	20138641	18308765	18754881	19143983	22892862	29142728	31182702	44141936	49177549	28725333	29034269	30472324	28594472	18894321	17902600	19344944	9941972	20776714	18630126	22946495	21624842	28725333	33168522
G3H215	1	1	6.947483	0.001829	1.76718	37C	31C	40S riboso	17093294	17535832	21604927	21315588	31142568	34475769	47775370	50835827	32189379	34284054	43045672	44873215	25216596	24898792	22295902	20346940	31469483	14972227	34060476	30371899	16733145	15075726	43045672	51262809
B2CMK5	2	2	5.472405	0.000537	1.769553	37C	31C	Caspase-8	335607.4	506576.1	384096.5	504970.5	420332.5	694632.9	843246	979144.2	872025.8	648730.7	834799.5	858583.8	495099.2	719277.7	396380.7	482023.1	424744.9	301667	601175	584990.4	453309	285266.3	834799.5	980839.4
G3H5W4	2	2	6.284186	0.000107	1.781751	37C	31C	60S riboso	2816982	2933870	4504542	4950455	4131806	3977806	6608486	6950452	7471973	7379074	6566719	6565654	4155706	4165747	4648607	4725491	4175179	1727492	4711386	4152552	3884188	3244800	6566719	7500552
G3II95	1	1	3.555153	0.007204	1.782085	37C	31C	40S riboso	16340995	18001894	16848513	17229455	22604847	30557940	24100916	33896340	47670370	52073615	23991091	34940060	24106779	25560546	17387367	16446494	22842138	13270782	17182257	20251391	24780697	22898329	23991091	39915250
G3HDQ2	2	2	7.759444	0.036179	1.7854	37C	31C	Malate deh	3856229	4233109	3685508	3174644	4698138	5433971	5679086	5311532	13395227	11073040	4308284	5013528	5688837	6010510	3803379	3030379	4747456	2359879	4048789	3173378	6963299	4869148	4308284	5727415
G3IJD1	4	4	9.345608	4.46E-06	1.786982	37C	31C	Putative AT	2343543	2714246	2496201	2840619	2933993	3327539	4557730	4868949	5165065	5905156	4477245	4790080	3457273	3853906	2576035	2711532	2964792	1445092	3249341	2908957	2684978	2596674	4477245	5472149
G3H331	2	2	4.515039	5.99E-07	1.787125	37C	31C	Ras GTPas	1593576	1385711	1491960	1416160	1626357	1395100	2412930	2265979	2844150	3035199	2690153	2672846	2350896	1967545	1539677	1351805	1643430	605867.8	1720249	1353811	1478487	1334668	2690153	3053438
G3HYB7	5	5	18.7545	0.017153	1.787154	37C	31C	T-complex	14729242	11970852	12295848	12364086	13268661	20128436	19038506	21424350	40774771	37331713	16710828	16193892	21729069	16997183	12689097	11802223	13407947	8741430	13573115	12799992	21196127	16415873	16710828	18499775
G3GRA0	1	1	1.913648	0.001749	1.787332	37C	31C	Lamin-B re	586344.2	716943.8	1354153	1264427	761154.2	1051630	1837844	1669374	1964453	1771414	1641086	1365557	864994.4	1017975	1397461	1206968	769144.3	456704.7	1310254	997368.6	1021190	778943.8	1641086	1560002
G3HRF0	1	1	2.803938	0.007015	1.78857	37C	31C	Polyadenyl	2689721	2702221	2076687	2392790	2487543	2712284	3501111	3828144	6251436	7174352	3051691	3131354	3967967	3836832	2143104	2284054	2513656	1177898	2496046	2287127	3249711	3154778	3051691	3577235
G3HV39	1	1	2.870715	0.000234	1.793842	37C	31C	Poly(RC)-b	18383289	16347864	16995575	16538836	16232685	17613678	27734110	29602456	38029253	41197324	22953601	23655895	27119640	23212019	17539132	15787259	16403085	7649314	19772468	17686007	19768912	18115698	22953601	27024308
G3HBP8	2	2	7.368137	4.58E-06	1.795026	37C	31C	40S riboso	20790710	20782974	18262217	17922828	16076050	17435320	30596831	32981127	36846637	39955834	29455514	29896771	30671147	29509347	18846284	17108358	16244806	7571857	21813387	19704596	19154148	17569778	29455514	34153836
G3ICB9	1	1	2.076322	0.036662	1.795868	37C	31C	Nucleolysi	31783.83	123165.8	39223.67	85298.1	153505.7	100470.9	120681.1	184608	105440.1	126281.2	226323	194668.8	46888.57	174880.7	40478.13	81421.88	155117.2	43632.78	86037.11	110294.2	54811.38	55529.63	226323	222388.1
G3I351	5	5	10.19453	0.000322	1.796453	37C	31C	40S riboso	11422678	10782916	8822360	8613276	14754867	15394814	17638830	17669789	22583919	22600606	22486539	22396403	16851115	15310456	9104519	8221861	14909754	6685700	12575245	10556827	11739897	9938164	22486539	25585475
G3IDT6	7	7	19.01573	0.000207	1.798523	37C	31C	Protein dis	5970460	6126865	6411944	7279657	7695022	10302175	11428902	14987722	12983392	16324567	10981472	12044295	8807821	8699419	6617012	6948846	7775800	4474056	8148002	8954425	6749213	7178401	10981472	13759308
G3IP00	1	1	2.170934	0.005487	1.799536	37C	31C	Succinyl-C	2387893	2385141	2594232	2606843	1473131	1348254	3993467	3815156	4939789	4964519	2659301	2653725	3522700	3386617	2677201	2488379	1488595	585523.3	2847061	2279368	2567872	2183048	2659301	3031595
G3H8Q4	1	1	3.559724	8.88E-07	1.800758	37C	31C	Acidic leuc	10718798	10230674	11351767	11553642	11592620	13418247	21487505	22731646	21047943	22326086	18216269	18201097	15812728	14526338	11714822	11028608	11714312	5827312	15319079	13581037	10941444	9817449	18216269	20792790
G3H3W4	6	6	15.5628	0.000101	1.802047	37C	31C	Insulin-deg	1875321	1685103	1592724	1426835	2007022	2042149	3496885	3180493	3788212	3648560	2544528	2495558	2766536	2392646	1643663	1361995	2028091	886869.9	2493033	1900187	1969243	1604381	2544528	2850906
G3HA25	2	2	10.60905	0.000855	1.806257	37C	31C	14-3-3 prot	7907854	8496573	6683072	6329200	8157334	11279965	14604997	16426539	16040065	18734791	9812050	12624456	11665929	12064122	6896812	6041581	8242965	4898693	10412335	9814047	8338177	8238249	9812050	14422079

G3GUQ6	2	2	4.01318	2.35E-05	1.806273	37C	31C	Prohibitin-:	2271645	2148564	2607781	2688181	2841875	3185750	5178841	5361001	4664820	5201426	4126269	3905235	3351206	3050705	2691184	2566022	2871708	1383516	3692149	3202934	2424933	2287223	4126269	4461310
G3HJ91	2	2	7.973596	0.001855	1.807656	37C	31C	Peptidyl-tR	1467223	1553573	1411145	1600706	839173.2	1027604	2329001	2702930	2449232	3213316	1810634	1774324	2164497	2205889	1456276	1527965	847982.3	446270.4	1660414	1614867	1273195	1412991	1810634	2026974
G3I2S4	2	2	5.103672	3.98E-05	1.811231	37C	31C	3,2-trans-e	1294024	1416691	1613967	1661915	1450765	1312397	2740565	2932176	2792177	3198978	2081903	2102038	1908987	2011532	1665585	1586392	1465994	569951	1953830	1751831	1451470	1406686	2081903	2401351
G3I8Z3	1	1	2.166744	0.000467	1.818391	37C	31C	TBC1 domi	4305074	4200049	3033997	3206913	4706433	6247508	6975611	7267120	8514429	9726614	6811538	7437288	6350989	5963569	3131031	3061181	4755839	2713184	4973119	4341746	4426093	4277084	6811538	8496300
G3I9G7	1	1	2.795526	5.69E-07	1.819753	37C	31C	Proteasom	1349993	1368771	1663335	1548371	1387282	1578766	2939239	2542242	3012377	2771959	2599894	2323756	1991555	1943491	1716532	1478008	1401844	685630.6	2095470	1518864	1565937	1218914	2599894	2654640
G3IPV6	1	1	1.938682	9.61E-08	1.824386	37C	31C	26S protea	1711670	1612280	1340553	1451303	1309981	1453369	2763994	2821954	2553955	2623626	2736232	2699251	2525113	2289245	1383427	1385351	1323732	631172.9	1970533	1685978	1327634	1153687	2736232	3083603
G3HTF7	1	1	2.766671	0.024529	1.824933	37C	31C	Myosin-Ic |	3560696	3555901	1355123	2006897	1417385	2043076	4606021	5113130	1958776	3364065	4924586	5471303	5252858	5048956	1398463	1915698	1432264	887272.4	3283769	3054843	1018239	1479280	4924586	6250374
G3I710	1	1	2.228841	0.004502	1.82856	37C	31C	AP-2 comp	579812.2	541345	267712.4	603577.1	407440.2	726775.3	1132852	1188548	709615.1	704250.2	943810.4	1038213	855358.2	768645.5	276274.4	576148.7	411717.2	315625.9	807643.6	710098.6	368882.3	309679.9	943810.4	1186046
G3IL48	2	2	6.00581	9.32E-05	1.830441	37C	31C	Protein trai	1238138	1307271	964836.6	1045701	756738.3	820827.4	1873761	1794559	2130165	2086722	1663546	1678281	1826543	1856169	995694.3	998180.8	764682	356471.1	1335860	1072161	1107333	917594.4	1663546	1917255
G3HQM6	6	6	14.64895	1.73E-06	1.835171	37C	31C	CRIGR End	26235799	25366184	24689997	24238406	27204663	30438238	47552590	51578408	51432658	56399667	40958736	42352950	38703924	36016960	25479640	23136936	27490240	13218798	33901650	30815554	26736463	24800624	40958736	48383678
G3GTK2	1	1	1.990772	0.000574	1.837577	37C	31C	60S riboso	22004979	20662282	21444794	21230291	16717265	18976354	35750231	38041563	45412423	50385491	26544981	26278206	32462478	29337979	22130648	20265520	16892753	8241101	25487399	22727957	23606938	22156011	26544981	30020016
G3H3B1	1	1	1.985619	0.008028	1.837732	37C	31C	Metastasis	289414.7	214069.1	100438.5	116697.1	241426.4	162144.9	232716.7	364776.2	464113.5	400703.4	291379.5	312272.5	426954.3	303952.6	103650.8	111394	243960.7	70416.7	165910.6	217935.8	241262.1	176201.3	291379.5	356737.6
G3GSH5	8	8	20.32254	0.000133	1.848943	37C	31C	ATP-depen	6543604	6014932	5973390	5741149	6753876	7283114	10168369	10689842	15435544	15353981	9622701	9562703	9653342	8540487	6164433	5480253	6824774	3162930	7249331	6386654	8023926	6751606	9622701	10924357
G3GT06	2	2	5.612232	2.21E-06	1.849953	37C	31C	T-complex	3519369	3661815	4365955	4703567	3716042	3516182	7604856	6684478	8138516	7859119	6622380	6532967	5191891	5199341	4505588	4489822	3755050	1527017	5421727	3993646	4230680	3455890	6622380	7463210
G3IPB5	3	3	9.00038	0.04671	1.851663	37C	31C	Pre-mRNA-	1168623	1147251	1289022	1315323	1742682	1903108	1789096	1763021	4863533	4234600	1527015	1684100	1723991	1628960	1330248	1255551	1760976	826486.9	1275500	1053318	2528232	1862081	1527015	1923903
G4Y369	7	7	17.08994	0.024482	1.85491	37C	31C	Glucose-6-	5303870	5448708	4123604	4294885	6261480	8166695	7569283	7243470	17853123	15945224	6931400	6781081	7824445	7736516	4255486	4099712	6327209	3546654	5396366	4327616	9280667	7011593	6931400	7746654
G3I5S7	3	3	7.273098	7.56E-05	1.858502	37C	31C	Coatomer :	1818677	1794686	1679958	1444470	2156401	2351545	3131795	3347388	4200921	4209811	2940765	3069545	2682973	2548240	1733687	1378828	2179038	1021235	2232749	1999899	2183783	1851180	2940765	3506624
G3I5A4	5	5	17.18432	0.005575	1.859524	37C	31C	Annexin |A	7255756	8121940	7621144	7172631	13740154	15249246	15073821	15643330	26229364	24616127	14092392	14356026	10703932	11532188	7864886	6846684	13884390	6622482	10746574	9346118	13634925	10824449	14092392	16400211
G3GTS6	1	1	3.458848	2.27E-05	1.865449	37C	31C	26S protea	2113173	2273164	2446335	2658310	2036834	2344305	4236420	5143926	3078739	4168032	4413819	4836800	3117424	3227622	2524574	2537508	2058216	1018091	3020269	3073242	1600434	1832808	4413819	5525523
G3H5W0	3	3	11.52653	0.000199	1.869117	37C	31C	Proteasom	5247996	4609118	4003348	4024570	6955480	7277077	8652185	10722513	10151478	11094142	9142008	10269190	7742018	6544398	4131385	3841681	7028494	3160308	6168399	6406173	5277087	4878427	9142008	11731442
G3GU75	6	6	17.41008	0.00042	1.8693	37C	31C	Translation	1198695	989098.9	891188.3	597501.1	1358550	1086449	2208945	1716090	1967147	2012589	1607299	1930817	1768355	1404403	919690.6	570348.8	1372811	471826.1	1574822	1025279	1022590	884995.9	1607299	2205750
G3ILN5	3	3	12.04092	0.000391	1.872259	37C	31C	Reticuloca	13316170	14137348	11262418	12632624	13398236	17935590	20785900	24988151	33870899	33827609	19873584	21456728	19644457	20073350	11622616	12058558	13538882	7789115	14818884	14929188	17607257	14875014	19873584	24511997
G3HB62	5	5	15.06228	3.20E-06	1.874161	37C	31C	ATP-bindin	1473578	1604224	1744865	1939860	1516468	1713500	2664116	3145847	3208894	3853183	2757092	3098416	2173871	2277807	1800670	1851707	1532387	741143.4	1899327	1879488	1668094	1694360	2757092	3539606
G3HZW3	2	2	5.314872	0.000794	1.880506	37C	31C	60S riboso	30734944	30300010	27897984	26647501	29898934	39808191	43534583	49725175	78090363	82174558	45751870	49157811	45341213	43022406	28790225	25436554	30212794	17288005	31037094	29708339	40594054	36134616	45751870	56157497
G3H6B2	1	1	2.455406	0.002839	1.88074	37C	31C	Dynamin ||	709892.3	625837.3	817318.3	739318.6	1275617	1574347	2116990	2220955	1279894	1532980	1775632	1873378	1047257	888614.5	843458.1	705721.6	1289008	683711.6	1509265	1326911	665333.1	674097.3	1775632	2140133
G3GYC6	2	2	4.443337	1.51E-08	1.880976	37C	31C	Profilin-1 |	3201664	3108235	2894801	2895481	2932109	3211810	5209718	5444717	6344447	6243903	5446749	5627180	4723201	4413323	2987383	2763901	2962888	1394833	3714162	3252950	3298062	2745631	5446749	6428447
G3H7B1	1	1	2.151179	0.000356	1.88168	37C	31C	Disks large	31441.6	35854.96	60780.33	56467.33	55801.46	63837.82	96874.15	102479.4	83698.48	94231.46	93524.32	101568.3	46383.7	50909.77	62724.23	53901.28	56387.22	27723.65	69064.45	61226.41	43509.34	41436.4	93524.32	116030.8
G3H902	7	7	17.77805	0.00013	1.884189	37C	31C	Prostaglan	1979324	1708920	2106657	2101172	2255846	3077889	4759663	5336165	3377655	3732998	3775645	3945331	2919965	2426463	2174033	2005688	2279527	1336674	3393305	3188095	1755821	1641511	3775645	4507115
G3HSL4	13	13	48.50325	0.00831	1.886508	37C	31C	Elongation	49784598	51967094	40996185	44967773	65081071	90018091	75945152	95972126	1.49E+08	1.7E+08	72985337	83393989	73443896	73787084	42307337	42924295	65764251	39093292	54143548	57338611	77215396	74704694	72985337	95268639
G3GRH9	1	1	3.508312	0.005152	1.887019	37C	31C	Tropomodu	1563653	1766281	1240587	1891629	1307809	2399298	3020076	4723307	1718382	3226992	2687524	3813299	2306752	2507909	1280264	1805667	1321538	1041974	2153102	2821943	893274.1	1419005	2687524	4356282
G3HJS0	10	10	24.01072	1.12E-05	1.888499	37C	31C	Spectrin be	1110547	1102592	695957.7	780786	823272.5	800617.2	1736270	1689700	1580764	1587876	1742376	1698065	1638316	1565549	718216	745304.6	831914.7	347694.1	1237838	1009513	821735.4	698236.7	1742376	1939857
G3HNV5	1	1	2.80517	3.18E-05	1.893201	37C	31C	U6 snRNA-	2422951	2317777	1561323	1422092	1734965	1938095	3339651	3349913	3918164	3853430	3693353	3422687	3574418	3290968	1611258	1357467	1753178	841680.8	2380936	2001408	2036796	1694468	3693353	3910051
G3GRW1	2	2	3.86162	0.000102	1.895332	37C	31C	Cytochrom	3092646	3043707	4338780	4513603	2989300	2965367	7158731	7642834	6526318	7584640	5283669	5498511	4562375	4321701	4477544	4308491	3020680	1287807	5103671	4566216	3392605	3335193	5283669	6281456
G3I018	2	2	13.68845	0.012796	1.896168	37C	31C	26S protea	2652535	1899437	1952170	1346804	2866078	2175761	3542761	2136346	7387176	3904574	4200776	3275258	3913107	2696975	2014605	1285601	2896164	944895	2525739	1276361	3840108	1716958	4200776	3741630
G3GW53	1	1	2.06686	0.006011	1.896254	37C	31C	Epithelial c	602745.7	746963	669796.8	534888.2	710071.6	486338.9	836546.4	829056.7	2012459	1586668	887532.9	960212.8	889190.5	1060598	691218.4	510581.2	717525.5	211208.5	596398.7	495320.5	1046145	697705.5	887532.9	1096940
G3ICG5	1	1	2.274107	0.004053	1.897813	37C	31C	Tripeptidyl	1265986	1844216	571071.7	1080391	1160560	1026238	1514002	2208596	2140580	2876677	1837046	2609976	1867624	2618567	589335.9	1031295	1172742	445677.2	1079377	1319527	1112747	1264961	1837046	2981616
G3II81	1	1	2.480369	0.007606	1.900164	37C	31C	Sterol-4-al	808105.1	1033348	1026077	1160344	1137575	1597076	1768658	1620752	3274410	3243970	1475455	1466656	1192144	1467232	1058893	1107614	1149516	693582.2	1260929	968319.5	1702151	1426471	1475455	1675497
G3HMG1	2	2	5.035232	1.68E-05	1.901441	37C	31C	40S riboso	31403381	28050394	25720687	24164568	29872787	37729032	44582176	57010498	56063749	66910330	58276487	53599395	46327313	39828218	26543294	23066454	30186372	16385063	31783954	34060960	29143863	29422478	58276487	61231528
G3H4M6	2	2	5.807051	0.000135	1.903217	37C	31C	Neurolysin	531827.9	652540.1	483163.6	626611.9	448532.2	442345.5	1185422	1252561	759832.6	1011996	808335.9	1043638	784570.2	926529.2	498616.2	598136.7	453240.6	192103	845122.2	748343.5	394987.1	445005	808335.9	1192244
G3H1Z4	2	2	4.17522	0.022026	1.90404	37C	31C	DnaJ-like s	713483.6	550087.5	523529.3	331280	1131751	916539.7	1174294	780112.9	2342010	1528932	1225577	882580.7	1052555	781058.7	540273	316225.6	1143631	398037.3	837189.2	466079	1217457	672317.1	1225577	1008253
G3H065	1	1	2.027107	5.37E-06	1.906649	37C	31C	N-acetyltra	3384949	3507367	3087814	3183735	2953410	3718292	5635926	5965226	7445599	7760734	5412211	5599767	4993589	4980044	3186570	3039056	2984413	1614789	4018018	3563928	3870478	3412627	5412211	6397130
G3HLV6	7	7	20.63857	0.002062	1.908251	37C	31C	ATP-citrate	8566041	10042503	6880962	8153050	10308746	14080540	13493426	17452039	22305973	27862139	13610799	16014949	12636909	14259158	7101030	7782550	10416961	6114934	9619863	10426732	11595411	12251818	13610799	18295352
G3IBY4	5	5	13.27639	3.74E-07	1.911171	37C	31C	Plastin-3 ||	2143171	2150477	1786689	1789403	2098330	2443423	4382237	4072667	3794013	3684260	4010101	3777213	3161677	3053421	1843831	1708087	2120357	1061136	3124226	2433218	1972259	1620080	4010101	4315058
G3I432	3	3	6.182116	0.000611	1.9128	37C	31C	ATPase fan	1233557	1366968	1626723	1812123	1333856	1483408	2382559	2477350	3718004	4029204	2100696	2233160	1819785	1940932	1678749	1729775	1347858	644218.4	1698597	1480094	1932746	1771762	2100696	2551144
G3I2B6	3	3	9.834838	1.64E-07	1.914378	37C	31C	Serine/thre	2059632	1999508	2253938	1876462	2205398	1649545	4049705	4026702	3615726	3953989	3630977	3780590	3038438	2839063	2326024	1791190	2228549	716368.9	2887154	2405756	1879579	1738688	3630977	4318916
G3HN65	1	1	2.042246	9.68E-06	1.916162	37C	31C	Ras suppre	3255328	3567985	2359999	2610526	2306999	2704495	5370796	5968267	4557597	5294709	5308135	5702243	4802369	5066114	2435478	2491895	2331217	1174515	3828999	3565745	2369195	2328242	5308135	6514197
G3HEJ8	2	2	4.81367	0.000887	1.920915	37C	31C	ADP/ATP tr	6565932	6090369	7633333	7162222	4821479	5205656	11054772	10782793	17704052	14702389	9229439	8520494	9686282	8647598	7877464	6836748	4872091	2260726	7881275	6442187	9203175	6465081	9229439	9733745
G3HYW2	1	1	2.136008	3.19E-05	1.92765	37C	31C	Malignant T	612058.6	644172.8	446591.4	612340.2	443901.2	567783.6	1224504	1132198	915502.1	848882.6	1227039	1064873	902929.2	914648.7	460874.4	584513.5	448561	246578.5	872984.9	676432.5	475909.5	373279.1	1227039	1216503
G3H2G5	3	3	8.439373	0.001746	1.92874	37C	31C	Serine/thre	4069616	3722651	3540285	3033256	4471044	3907641	5904488	5693983	11506772	9769428	5374137	5619410	6003633	5285721	3653512	2895415	4517978	1697021	4209484	3401874	5981616	4295910	5374137	6419570
G3HCT1	3	3	9.680703	7.77E-06	1.929665	37C	31C	Importin su	3112525	2445647	2852421	2869338	3147087	3818807	5845033	6618276	4637152	5686848	6082084	6338943	4591701	3472527	2943648	2738946	3180123	1658442	4167097	3954093	2410551	2500678	6082084	7241558
G3H042	2	2	4.510688	5.85E-07	1.934382	37C	31C	Condensin	303116.5	323874.6	351833.2	316588.1	373610	372425.8	727439.7	749080	567780.4	578107.5	669902.2	656631.5	447167.6	459863.4	363085.7	302201.4	377532	161738.1	518613.3	447538.3	295151.8	254211.2	669902.2	750130.7
G3IHY5	7	7	33.30169	0.004242	1.934724	37C	31C	6-phospho	17442875	14443617	14217407	14777921	17118273	24636031	26568517	29198612	40737901	56241244	22244796	23581540	25732311	20508216	14672112	14106366	17297970	10699000	18941483	17444731	21176961	24730961	22244796	26939367
G3HLW5	2	2	4.362943	0.00055	1.934765	37C	31C	RAB5C |RA	1082681	888362.4	1514333	1466732	1887260	1948810	2644656	2687084	3670864	2876240	2553650	2570566	1597207	1261369	1562765	1400079	1907071	846334.2	1885453	1605400	1908241	1264769	2553650	2936595
G3GXH4	2	2	4.438265	0.001569	1.938339	37C	31C	Cell divisio	1052950	999141.9	604786.9	622368.7	1470061	1396132	1708429	1727858	2258693	2363514	1871580	1981872	1553347	1418662	624129.4	594086.3	1485493	606315.7	1217990	1032310	1174146	1039308	1871580	2264075
G3I2D3	2	2	9.173188	7.70E-08	1.939122	37C	31C	40S riboso	15899286	14934126	12911346	12545619	11970911	13378643	26278423	28194147	25446771	27637282	25209747	25543414	23455155	21204680	13324280	11975507	12096574	5810112	18734666	16844612	13228106	12152941	25209747	29180595
G3IJV7	2	2	9.378992	7.37E-05	1.944874	37C	31C	Cytosolic a	5279232	4819459	5789365	5883638	6381809	6575140	9937196	10035438	15185043	13888400	9258378	9238369	7788099	6843057	5974522	5616267	6448801	2855469	7084521	5995679	7893707	6107146	9258378	10553841
G3I1I8	2	2	4.151213	0.001404	1.948734	37C	31C	Small nucl	1662374	1554589	1432810	1380514	2048259	2213859	2593467	2456876	4775159	4679244	2905998	2646419	2452389	2207331	1478635	1317779	2069760	961440.7	1848959	1467862	2482292	2057604	2905998	3023248
G3I8D0	2	2	4.253071	2.11E-05	1.949923	37C	31C	Suppresso	1408333	1302559	1285596	1251392	883457.7	881574	2490037	2086737	2447443	2280891	2328165	2041365	2077620	1849478	1326712	1194525	892731.7	382852.3	1775221	1246723	1272265	1002976	2328165	2332040
G3GVT2	2	2	4.404422	0.000883	1.950065	37C	31C	Far upstrea	503937.9	658665.2	386607.5	413140.5	738889.5	632480.5	1253814	1158730	870184.2	722515.7	1219227	1276500	743426	935226.1	398972.1	394366.1	746645.9	274675.3	893881.2	692284.2	452351.6	317711.8	1219227	1458264
G3H4E0	1	1	2.609143	1.05E-05	1.967166	37C	31C	Bone marr	4112182	4604564	3961933	4324731	5654124	6540159	8830778	9002485	10200012	10479372	9407518	9516542	6066428	6537933	4088645	4128201	5713477	2840277	6295723	5378541	5302317	4608094	9407518	10871623
G3GUS2	1	1	2.13935	1.93E-05	1.969072	37C	31C	ADP-ribosy	6701125	6564558	7430388	7719227	8869605	10302139	15668767	17139096	17277963	17479909	12826045	13310519	9885723	9320891	7668029	7368441	8962713	4474040	11170728	10239765	8981679	7686440	12826045	15205833
G3IHE5	1	1	2.282564	2.41E-07	1.970188	37C	31C	GTP-bindin	3490354	3015626	3107573	2894810	3533677	3914017	6451641	6900999	5683934	6881215	6584617	6814773	5149087	4281830	3206960	2763260	3570771	1699789	4599566	4123007	2954704	3025877	6584617	7785144
G3IEE6	2	2	5.451257	0.000303	1.975842	37C	31C	Spermidin	5663237	5369596	5017938	4934412	5824770	6198965	9373041	9798548	14468810	15338835	8081199	8159989	8354596	7624187	5178423	4710177	5885915	2692103	6682319	5854149	7521385	6744945	8081199	9321908
G3HES5	1	1	1.902053	0.026727	1.976716	37C	31C	Double-str	278077.6	908263.1	304422.2	1060538	554364.1	2164980	1227155	1686160	2262428	2572220	1414502	1256104	410229.4	1289625	314158.3	1012344	560183.5	940213.2	874875.3	1007397	1176088	1131082	1414502	1434963
G3ILI6	2	2	6.157192	4.48E-06	1.982079	37C	31C	26S protea	904236.2	1053131	867746.4	1047953	1070376	1091864	1664251	2005338	2301414	2455883	1795676	1739894	1333959	1495321	895498.9	1000331	1081612	474177.5	1186494	1198091	1196354	1079925	1795676	1987641
G3IHC0	2	2	4.477085	0.000532	1.985328	37C	31C	Isocitrate c	956093.6	1121836	1141498	1251655	1088305	1065286	2714341	2317051	2688317	2490319	1673900	1268224	1410461	1592874	1178006	1194776	1099729	462635.3	1935134	1384323	1397480	1095068	1673900	1448809
G3HE62	1	1	2.364907	0.002233	1.990045	37C	31C	Mitochond	88910.35	85979.62	134914.8	168774	161410.2	86715.31	284136.1	279888.3	289462.7	243169.9	206577	142940.7	131163.5	122080.8	139229.7	161104.3	163104.6	37658.95	202569	167219.4	150472.6	106929.1	206577	163294.3
G3I6K0	1	1	2.353119	0.001886	1.991654	37C	31C	RNA helica	1504033	1425523	1483514	1381474	1196881	1346383	2168624	2827866	3332202	4580973	1902175	1794191	2218799	2024073	1530960	1318695	1209445	584710.9	1546076	1689510	1732193	2014391	1902175	2049670
G3H1B3	3	3	6.933563	3.51E-08	2.001346	37C	31C	Lamin-L(I)	1471200	1451465	1352065	1382983	1143621	1212503	2709461	2754144	2869425	2674894	2546738	2483797	2170363	2060907	1395308	1320136	1155626	526569.2	1931655	1645465	1491625	1176231	2546738	2837471
G3I6Y1	1	1	5.900479	0.046993	2.005832	37C	31C	ADP-ribosy	877417.6	536567.7	689142.8	578505.3	1532571	1335931	1986048	1617918	2971071	2841919	771241.5	944444	1294396	761862.2	711183.1	552216.2	1548659	580171.5	1415912	966626.3	1544465	1249677	771241.5	1078925
G3H298	3	3	8.565357	0.006936	2.008368	37C	31C	Serine/thre	5702506	5356511	4701852	4474135	6698368	8325832	9628222	10875639	18137066	17642372	7393183	7136988	8412526	7605608	4852228	4270816	6768683	3615764	6864245	6497658	9428270	7757880	7393183	8153239
G3GYX1	3	3	12.0614	0.001653	2.010304	37C	31C	Nucleolar p	2232418	1957539	2427678	2234194	3007466	3293811	3866801	4268074	7468716	7238740	3583297	4036718	3293337	2779473	2505320	2132665	3039036	1430445	2756757	2549964	3882495	3183091	3583297	4611515
G3GY17	9	9	24.02657	0.005809	2.011263	37C	31C	Cullin-assc	3705755	3745639	3372957	3095316	5906297	6259045	6547427	7140578	13422294	12856460	5668822	6828224	5466853	5318362	3480832	2954655	5968297	2718195	4667854	4266143	6977370	5653371	5668822	7800510
G3I2G0	2	2	4.972594	0.00014	2.012329	37C	31C	UPF0696 p	1495294	1274840	801533	726786.4	1091948	917678.7	2210687	2307300	1741732	1948488	2202718	2283007	2205907	1810121	827167.8	693758.9	1103410	398531.9	1576064	1378498	905412.1	856808.4	2202718	2608090
Q80WZ6	1	1	2.46091	8.52E-05	2.014152	37C	31C	MESAU Hp	3046026	3228891	3466396	3661932	3837558	3955098	6129999	6120744	9191646	9714411	5613049	5921912	4493599	4584641	3577259	3495522	3877842	1717630	4370258	3656842	4778134	4271718	5613049	6765146
G3HRY8	2	2	4.088763	0.000164	2.017721	37C	31C	SWI/SNF-r	257959.7	370173.7	360781.4	468493.2	363965.3	435737.9	936122.8	623179.5	961352.4	692307.9	761951.8	579306.8	380550.8	525602.6	372320	447203.4	367786	189233.4	667389.7	372319	499744	304428.5	761951.8	661795.6
G3HCW0	1	1	2.103085	0.003839	2.021238	37C	31C	Transportir	804208.2	813320.2	741216.6	661145.6	720682.5	604352.2	1379532	866674.2	2302341	2115230	1132867	985484.3	1186395	1154818	764922.4	631101	728247.8	262459.7	983509.3	517795.1	1196836	930130	1132867	1125810
G3HIP2	7	7	17.41069	0.001847	2.023256	37C	31C	heterogene	4065098	4152011	4105219	3989370	3809621	4741368	6657231	6888330	12383073	12845023	5604800	5925119	5996968	5895361	4236514	3808080	3849612	2059094	4746137	4115437	6437147	5648342	5604800	6768810

G3I952	3	3	7.627228	0.000136	2.025064	37C	31C	EF-hand dc	630952.3	880703.7	1080477	1175206	995137.7	1108670	1655825	2098422	1987545	2651754	1613513	1882386	930801.8	1250494	1115034	1121801	1005584	481475.9	1180486	1253704	1033194	1166056	1613513	2150423
B2ZA78	6	6	14.04353	2.48E-05	2.025201	37C	31C	Trifunction	5014475	4839007	4182975	4119686	4421211	4569882	7258259	9363820	9190894	13230325	7548865	8386455	7397521	6870814	4316756	3932474	4467622	1984620	5174628	5594421	4777742	5817771	7548865	9580620
G3HMB4	14	14	42.5046	0.000914	2.027001	37C	31C	2-oxoglutai	2999079	3062266	3948233	3602727	4436864	4644630	7855286	7862819	9912188	10178551	5321282	4870221	4424341	4348053	4074507	3439008	4483440	2017082	5600266	4697646	5152696	4475814	5321282	5563702
G3HS41	1	1	1.936125	0.000177	2.03668	37C	31C	Coiled-coil	542348.5	600177.5	592958.1	512173.1	454330.7	551922.3	1231311	1093682	1369788	1372488	858390.4	701513.5	800090.6	852180.6	611922.3	488898.3	459099.9	239690.3	877837.7	653421	712063.1	603524.1	858390.4	801403.5
G3HDD8	5	5	13.53755	0.003588	2.039049	37C	31C	Importin-4	2205785	2041169	1644302	1721958	2246274	2279944	2762350	2836485	6495871	6281931	3180345	3195915	3254047	2898216	1696890	1643707	2269854	990140.2	1969361	1694660	3376777	2762353	3180345	3650989
G3GYY2	4	4	18.09917	0.000315	2.049444	37C	31C	Caprin-1 |(	5301226	4972649	4306254	4235652	4996807	5287054	8525444	7936202	15174357	12649975	7732095	7620018	7820545	7060569	4443978	4043171	5049260	2296076	6078041	4741489	7888152	5562573	7732095	8705049
G3IEG2	1	1	2.670821	0.04585	2.056746	37C	31C	Serpin B6 |	1315809	1234833	1475011	1374731	486634.1	600112.5	2938075	3208502	2737056	2535063	985065.6	938617.3	1941126	1753316	1522185	1312259	491742.4	260618.4	2094640	1916922	1422816	1114743	985065.6	1072269
G3IB34	2	2	4.655446	3.25E-05	2.059722	37C	31C	Protein RRI	430137.3	422383.1	427403.3	365942.7	314051	275849.8	715259.8	692627	988085	877229.5	653288.6	678567.9	634552.8	599733.7	441072.6	349313.1	317347.7	119796.8	509929.9	413810.5	513640.5	385744.1	653288.6	775190.6
G3HLZ2	4	4	13.85993	8.39E-06	2.061049	37C	31C	Proteasom	3326944	3438201	3241797	3141183	3587597	3680722	6189545	6449206	8700929	8960302	5493046	6286259	4908019	4881836	3345477	2998438	3625257	1598474	4412710	3853082	4523042	3940113	5493046	7181373
G3I3G8	1	1	2.133972	8.55E-05	2.061493	37C	31C	Transaldola	3323833	2965303	2562717	2600045	2491307	2750667	5405357	5246439	7598414	7416490	4653889	4093714	4903430	4210377	2644678	2481890	2517459	1194567	3853639	3134488	3949917	3261253	4653889	4676626
G3HAR2	2	2	5.762844	4.15E-05	2.06893	37C	31C	CPNE1 | RE	1957519	1769990	1584159	1042299	2094251	1684800	3746665	3414422	2978662	3291331	3704890	3828533	2887797	2513174	1634824	994933.5	2116235	731679.4	2671108	2039949	1548411	1447297	3704890	4373686
G3HS88	2	2	4.61779	2.86E-06	2.071808	37C	31C	Ubiquitin-c	6665503	6518181	5454517	5836052	6054424	7416081	11129934	13538656	14105389	16637521	11491489	11711250	9833172	9255041	5628965	5570843	6117979	3220675	7934859	8088679	7332466	7316017	11491489	13378841
G3IGH6	4	4	10.87798	0.000518	2.07216	37C	31C	Transcripti	546725.4	662328.7	354465.8	433633.3	760486.6	552851.2	862984.2	878938.2	1468078	1374155	1021937	1253774	806547.6	940427.9	365802.4	413927.6	768469.7	240093.7	615247	525122.2	763157.6	604257	1021937	1432301
G3GRU9	1	1	2.105402	0.017858	2.075427	37C	31C	Large neutı	18989.26	51894.12	98082.49	101293.1	49969.14	76461.04	224182.4	98837.4	92026.31	113964.6	135809.3	158479.3	28013.59	73683.48	101219.4	96690.03	50493.68	33205.7	159826.3	59050.47	47838.44	50113.66	135809.3	181045.5
G3HIT7	9	9	24.74831	0.000348	2.081325	37C	31C	Microtubul	484824.8	483070.6	849951.7	761355.2	833471.1	1037015	1716488	1918852	1392403	1305381	1325566	1602555	715229.7	685902.7	877135.1	726756.8	842220.4	450357.6	1223735	1146420	723819.2	574015.4	1325566	1830746
G3HRD9	3	3	7.849771	2.00E-05	2.085029	37C	31C	Proteasom	1787930	1676460	1996175	2112027	1839794	2419075	3945995	4654898	4461310	5152972	3141761	3311997	2637614	2380374	2060017	2016049	1859107	1050562	2813217	2781072	2319142	2265916	3141761	3783600
G3HC95	2	2	5.505414	0.000806	2.085676	37C	31C	tRNA (Cyto	1311438	1297501	1452098	1214732	1679794	1695753	1989357	2840723	3712351	4669507	2048362	2783543	1934677	1842296	1498540	1159530	1697428	736436.2	1418271	1697192	1929808	2053322	2048362	3179897
G3HWN6	2	2	5.818439	0.004339	2.094779	37C	31C	DNA topois	1453067	1509618	856475.1	1154225	1872297	2176837	2711375	3136876	1898192	2217941	4230491	4705308	2143612	2143478	883867.1	1101773	1891951	945362.7	1933019	1874129	986745.3	975295.1	4230491	5375306
G3HHR9	2	2	5.185063	0.007552	2.095926	37C	31C	Integrin alp	886265.4	504400.5	522731.4	184966.2	725735.5	514117.9	1747123	1009097	1150958	981877.9	1269117	838483	1307448	716188.6	539449.6	176560.7	733353.8	223272.5	1245576	602885.6	598307.6	431761.1	1269117	957876.4
G3HCS4	2	2	5.297718	0.00084	2.098563	37C	31C	26S protea	1911170	2031181	1798342	1721907	2066906	2301391	2999932	3037721	6627188	5551210	3469004	3142829	2819422	2884036	1855857	1643658	2088603	999454	2138740	1814888	3445040	2441033	3469004	3590344
G3HP24	7	7	19.5854	0.00424	2.099751	37C	31C	Isoleucyl-tl	1311166	1354153	1642924	1552484	1663421	2329724	3164453	2866471	6004283	4343799	2353319	1958353	1934276	1922736	1695468	1481934	1680882	1011759	2256032	1712575	3121233	1910099	2353319	2237207
G3IKE2	2	2	6.154597	0.001852	2.10739	37C	31C	40S riboso	7216335	7435096	6149217	6713464	11383892	15383165	15642734	16975282	26564045	25564868	15325158	14319479	10645777	10556950	6345883	6408383	11503393	6680641	11152168	10141894	13808904	11241639	15325158	16358461
G3H2Y2	3	3	12.18375	0.000974	2.107422	37C	31C	Protein pru	932454.8	994930.9	949298.3	740491.1	1396689	1112849	1726424	1730910	2992796	3211593	1606960	1642886	1375588	1412683	979659	706840.8	1411351	483290.8	1230819	1034133	1555758	1412234	1606960	1876820
G3IEY0	3	3	6.827323	0.000828	2.110555	37C	31C	Succinate (	2419581	2411767	2259993	2440573	3342881	3829113	4983329	4575216	8047531	8631772	4813115	4203550	3569446	3424421	2332273	2329666	3377972	1662917	3552763	2733466	4183383	3795649	4813115	4802102
G3H284	3	3	5.914405	0.00104	2.112886	37C	31C	Endoplasm	4088790	4062869	2905801	2886863	4908307	5521501	5974872	6777012	10551132	12983145	7031628	8181980	6031919	5768790	2998735	2755674	4959831	2397892	4259663	4048930	5484841	5709078	7031628	9347030
G3H7Y0	6	6	15.68934	4.56E-06	2.113145	37C	31C	Coatomer :	2363973	2904276	2397447	2285568	3039926	3081328	5307416	5203031	6717944	6873930	4913466	4947771	3487412	4123727	2474123	2181704	3071837	1338167	3783814	3108555	3492218	3022673	4913466	5652295
G3H3H6	1	1	2.780482	0.0123	2.118279	37C	31C	ADP-ribosy	2396623	2939487	1871858	2021939	2621778	3025612	4125601	4114825	9995416	7307376	2923457	3047587	3535578	4173721	1931724	1930056	2649300	1313971	2941263	2458405	5195960	3213272	2923457	3481539
G3HCB6	2	2	4.266352	0.001812	2.121445	37C	31C	Putative tu	801822.5	684924.5	694377.7	746529.7	891189.1	962265.2	1143779	1175760	2523995	2626198	1382585	1290543	1182875	972511.2	716585.5	712605	900544.2	417895	815434.1	702458.4	1312060	1154818	1382585	1474306
G3HPP3	2	2	7.036867	0.020691	2.125477	37C	31C	MGST3 | M(	1331567	1359655	2318473	1714624	4525257	5548164	6632403	4262311	10526076	6190117	5136020	2956285	1964373	1930548	2392623	1636706	4572761	2409471	4728437	2546521	5471816	2721980	5136020	3377236
G3I2M2	2	2	4.394977	2.51E-05	2.130282	37C	31C	Phosphose	906472	890706.9	875319.9	899925.5	1264929	1228654	2668484	2492114	1651048	1799599	2164698	2146363	1337258	1264698	903314.6	859030	1278207	533583.2	1902441	1488915	858271.4	791337.5	2164698	2451988
G3I9X8	20	20	60.73298	0.019197	2.138323	37C	31C	Spectrin al	4144578	4060716	3217011	2419522	6651286	10735175	9473127	7976092	18195064	14704125	11452150	4975597	6114220	5765733	3319898	2309572	6721107	4662100	6753673	4765322	9458419	6465845	11452150	5684083
G3HGP4	3	3	8.75365	4.64E-06	2.139561	37C	31C	acetyl-CoA	6353686	6005424	5232099	5173042	5908998	6493196	12951888	12694671	15273828	14430892	10218629	9670847	9373170	8526987	5399433	4937963	5971027	2819882	9233785	7584440	7939861	6345696	10218629	11047900
G3IIV2	2	2	5.173906	2.62E-05	2.142583	37C	31C	ADP-ribosy	244337.7	387590.5	411434.4	430314.9	428028.7	491805.5	989930.7	891268.5	894309	758656.3	804610.4	789521.8	360455.1	550332.4	424593.1	410760	432521.8	213582.6	705750.9	532488.9	464892.6	333603.9	804610.4	901943.5
G3GV47	15	15	43.69631	0.008916	2.144727	37C	31C	Leucine-ric	4507504	4691639	5752803	5485264	4724345	5016781	9322394	10225078	16319057	17604744	5409222	5843787	6649619	6661569	5936790	5235996	4773938	2178701	6646211	6108980	8483207	7741333	5409222	6675896
G3I0X4	1	1	2.240467	0.0033	2.146482	37C	31C	Epoxide hy	4495102	4680032	3723086	4123506	4810801	5810031	6932363	7662283	15022513	16237039	6448928	7031131	6631324	6645088	3842158	3936120	4861302	2523195	4942287	4577836	7809218	7139913	6448928	8032309
G3HMJ0	2	2	5.687503	0.0002	2.148171	37C	31C	cAMP-depe	505409.5	538717.9	514999.5	569508.4	463714.3	232979.9	1029446	938528.7	905413.9	986980.2	1046567	1162356	745597	764915.2	531470.4	543628.2	468582.1	101179.1	733922.3	560724.6	470665.3	434004.8	1046567	1327867
G3H576	7	7	18.47983	0.002116	2.153259	37C	31C	Annexin | A	2374016	2212660	2071351	1973183	3073825	3918747	4239095	4772047	9137892	7453694	4015673	4023639	3502227	3141714	2137597	1883516	3106092	1701844	3022176	2851063	4750190	3277613	4015673	4596574
G3HC39	4	4	15.14238	0.004423	2.17127	37C	31C	Farnesyl py	11963145	14211297	11425008	11682326	16690655	24191689	31145718	29349223	46127200	49200074	23050806	16897615	17648430	20178349	11790406	11151445	16865862	10506030	22204705	17534713	23978503	21634747	23050806	19303703
G3I000	2	2	6.685085	9.58E-06	2.17141	37C	31C	Aldehyde d	714929	972034.2	742481.6	660209.7	965877.5	911958.4	1785090	1968049	2051160	2054397	1460194	1467568	1054687	1380173	766227.9	630207.7	976016.7	396047.7	1272644	1175812	1066263	903380.1	1460194	1676538
G3H0C2	1	1	3.370619	0.04617	2.173761	37C	31C	Proteasom	1275710	1192335	1564125	998979.1	4384460	6684523	4300712	2923093	13337043	6489619	5092954	2854412	1881970	1692973	1614150	953582.4	4430485	2902972	3066105	1746404	6933053	2853680	5092954	3260858
G3I958	1	1	3.507031	0.00135	2.175156	37C	31C	Protein DD	521525.8	497222	790635.8	522296.6	601640	1134019	1980941	1821808	1562313	1459599	1122232	900203.7	769372.2	705996	815922.2	498561.8	607955.6	492485	1412271	1088440	812144.1	641829.3	1122232	1028386
G3I346	2	2	5.783601	0.001045	2.176297	37C	31C	U4/U6 sma	987559.7	578642.8	861216.1	415249.7	1004196	776079.9	1757973	1100191	2253889	1881583	1710786	1356479	1456881	821603.8	888759.7	396379.4	1014737	337038	1253311	657310.1	1171649	827388.5	1710786	1549631
G3HT22	8	8	23.08361	0.000337	2.177464	37C	31C	Glycerol-3-	1899153	2061860	2405888	2316783	2926107	3083785	4892493	5485769	7222522	6968268	3627684	3798001	2801693	2927596	2482834	2211501	2956823	1339234	3488003	3277477	3754515	3064156	3627684	4338807
G3HQB7	1	1	4.311295	0.025128	2.180268	37C	31C	Small nucl(	4441157	3736589	3470611	5681931	6282961	15273946	10051648	13563714	20650728	25621445	7168893	7728087	6551743	5305512	3581609	5423726	6348916	6633209	7166118	8103650	10734958	11266517	7168893	8828506
G3HLS5	2	2	5.645309	1.74E-05	2.183364	37C	31C	Mitochond	1112967	1020781	969937.8	641843.1	835662	685032.3	1990479	2118908	1562240	1719950	2103995	2002510	1641887	1449388	1000959	612675.8	844434.3	297497.6	1419072	1265943	812106	756313.5	2103995	2287652
G3HXK5	1	1	2.372918	0.014878	2.184045	37C	31C	Small nucl(	5361053	4679045	5950280	5030892	8307051	10088594	7345953	9362322	25633587	22618259	10585502	10542682	7908804	6643687	6140584	4802273	8394253	4381301	5237148	5593525	13325219	9945926	10585502	12043877
G3IDC2	1	1	2.063763	3.87E-08	2.200171	37C	31C	Heat shock	14512003	15136133	12919687	12450390	14033772	17077054	29009256	31592123	31259687	35036743	30209402	32391420	21408589	21491506	13332888	11884605	14181090	7416268	20681558	18874735	16249859	15406706	30209402	37003704
G3HJ35	1	1	3.884323	1.36E-05	2.203602	37C	31C	Glycoprote	1721450	1594035	2532297	2693111	2037682	2593263	4117985	5209660	5585002	4804360	4887818	4420666	2539541	2263340	2613286	2570728	2059072	1126209	2935833	3112515	2903276	2112621	4887818	5050134
G3HT11	1	1	3.471459	1.10E-05	2.206989	37C	31C	Cysteine ar	494694.4	564690.2	376747.1	717741.3	539782.3	625289.1	1172694	1274801	1320429	1394619	1051488	1110843	729789.7	801792.9	388796.3	685124.8	545448.6	271552.2	836048.1	761630.6	686404.5	613255.8	1051488	1269019
G3HCW9	3	3	8.945869	0.000234	2.225658	37C	31C	PRDX2 | PR	6732272	5010264	5926541	5680916	5477490	8502178	11710273	12202785	19398234	18911102	10709703	10150960	9931671	7113978	6116085	5422758	5534989	3692348	8348601	7290562	10083869	8315778	10709703	11596377
G3HLN9	1	1	2.684423	0.021905	2.228199	37C	31C	General tra	547176.4	324887	473762.7	154429.4	1108585	120898.2	1261279	766805	1655910	828799.4	1012796	556813.1	807212.9	461300.8	488914.7	147411.7	1120222	52503.99	899202.8	458128.1	860799	364448	1012796	636098.9
G3HBI1	10	10	25.8131	3.73E-05	2.228991	37C	31C	Peroxidasi	1256392	1450623	1091206	1117186	1775551	1936384	3862693	3689758	3294369	2989069	2749785	2644590	1853471	2059711	1126105	1066418	1794190	840938	2753828	2204449	1712526	1314383	2749785	3021159
G3GZ94	2	2	4.745789	0.037356	2.23163	37C	31C	Filamin-C |	1123953	1045628	769279.5	785150.4	2071938	2355577	1804606	1592430	6798552	4183659	1878686	1933254	1658093	1484667	793882.9	749470.7	2093688	1022986	1286557	951398.3	3534121	1839680	1878686	2208534
G3HAP1	1	1	2.171044	1.35E-05	2.231974	37C	31C	Microtubul	2628981	2586278	1613699	1841802	2593102	2865692	4766306	4528075	5675668	5994502	5388337	5183906	3878360	3672206	1665309	1758105	2620323	1244520	3398041	2705301	2950407	2635962	5388337	5922054
G3H9V0	1	1	2.603601	0.033056	2.238324	37C	31C	Proteasom	2053722	2086275	1684248	1515040	5515442	8670499	4495611	4409071	16474178	10197525	8094800	4509252	3029719	2962261	1738114	1446192	5573339	3765447	3205054	2634203	8563844	4484157	8094800	5151334
G3HI04	1	1	1.898244	2.31E-05	2.23987	37C	31C	Anaphase-	614293.1	722822.3	843712.2	753829.6	691939.1	856714.1	1596916	1425432	2217357	2127172	1368753	1306401	906225.6	1026322	870696.1	719573.2	699202.6	372056	1138489	851625.4	1152658	935381.3	1368753	1492423
G3I1R2	3	3	6.89221	2.50E-06	2.244703	37C	31C	Purine nucl	500316.4	636173.4	677290.2	658060.5	744079.8	847235.1	1534545	1544414	1597296	1784594	1292509	1367217	738083.4	903290.4	698951.5	628156.2	751890.7	367939.5	1094023	922711.5	830329.2	784739.6	1292509	1561898
G3HPU1	1	1	2.411964	3.69E-05	2.244826	37C	31C	Aspartyl/as	411108.1	572068.1	588727.1	572025.1	418661.5	443914.1	1271857	1183808	1397546	1220347	867161.3	808357.7	606480.3	812268.6	607556	546030.4	423056.3	192784.2	906744.7	707266.7	726492.7	536623.2	867161.3	923461.5
G3HC17	1	1	2.334204	9.76E-06	2.245076	37C	31C	Interleukin	5493094	5384535	4434074	5032776	4878701	6172455	10183961	11101401	14215389	15696632	9728733	9559454	8103595	7645398	4575886	4804070	4929914	2680590	7260447	6632539	7389648	6902280	9728733	10920645
G3H277	1	1	2.078837	0.007381	2.248647	37C	31C	Tyrosine-pı	339178.3	238307.4	121369	797866.4	212032.2	572863.8	1038639	1117704	642764	814056.3	737434.4	779952.5	500367.2	338368.1	125250.7	761608.8	214258	248784.8	740476.5	667773.2	334130.8	357965	737434.4	891011.6
G3ID93	1	1	2.327515	0.0435	2.257429	37C	31C	WD repeat	0	93102.69	0	495811.2	0	541668.2	571945.2	714953.6	223738.2	409191	179763.7	452617.6	0	132194.7	0	473280	0	235237.1	407756.7	427149.5	116306.8	179933.5	179763.7	517066.8
G3HZ34	2	2	5.16429	0.000376	2.259654	37C	31C	Ras-relate(	429892.3	532934.6	347475	351349.1	484835	347134.6	571614.3	801670.7	1454200	1106502	866258.8	834472.6	634191.5	756703.7	358588.1	335382.6	489924.5	150754.5	407520.8	478958.7	755943.3	486562.3	866258.8	953295
G3IJQ5	1	1	2.57173	0.000194	2.269452	37C	31C	Pre-mRNA-	550593.3	759138.3	832220.7	763809.8	1130846	963498.5	1942026	2014138	1503277	1244385	2434689	2208990	812253.6	1077886	858837.1	729099.9	1142717	418430.7	1384528	1203348	781455	547193.2	2434689	2523533
G3I8E0	1	1	3.477389	0.004105	2.275312	37C	31C	Activator o	507986.4	671542.4	740025.7	463929.4	397128.8	503601.1	1732077	1574904	695314.8	609707.2	1352825	1507782	749398.4	953510.3	763693.4	442847	401297.6	218705.2	1234849	940927.7	361448.5	268106.5	1352825	1722478
G3I6T1	2	2	4.489353	0.006528	2.286217	37C	31C	Phospholip	1015352	961298	758557.4	813160.7	1779120	2076448	2009497	2337737	4084642	4762487	1790395	1942250	1497881	1364929	782817.8	776208.1	1797796	901765.3	1432630	1396682	2123337	2094208	1790395	2218811
G3GY37	3	3	14.11818	4.16E-05	2.289695	37C	31C	60S riboso	4875105	5228834	4459158	4355053	7136762	7725057	11962205	11945540	17094416	14205791	11206391	10931472	7191917	7424322	4601772	4157145	7211679	3354858	8528210	7136871	8886265	6246712	11206391	12488027
G3H303	1	1	6.231266	0.006467	2.292969	37C	31C	Proteasom	3388442	3648964	2834785	3497862	4821722	6888761	6682282	6282765	17777832	13373516	5816869	7575625	4998742	5181094	2925448	3338908	4872337	2991669	4763997	3753642	9241528	5880736	5816869	8654335
G3H1S2	8	8	26.58657	0.005045	2.292973	37C	31C	UDP-gluco:	2158669	2192121	2098212	1694798	3778239	4151091	4930245	4592506	10653843	8635871	4244776	3798008	3184540	3112551	2165318	1617781	3817900	1802747	3514918	2743796	5538233	3797451	4244776	4338814
G3I9M7	1	1	1.941194	8.88E-06	2.298812	37C	31C	DNA polym	453675.9	455095.5	450292.3	408142.3	407497.2	340442	1032129	924973.8	1191247	1144120	811357.9	678019.8	669277.9	646181.4	464693.7	389595	411774.8	147848	735835.1	552626.2	619251	503103.7	811357.9	774564.5
G3HIQ0	3	3	8.240747	0.000148	2.310637	37C	31C	Threonyl-tF	763091.8	721505.7	571143	475511.5	749176	613339.8	1341590	1080531	2403164	1633598	1267337	1270863	1125738	1024452	589409.5	453902.8	757040.3	266362.8	956459.5	645564.2	1249247	718341.9	1267337	1451824
G3GU12	2	2	4.909087	0.000229	2.312028	37C	31C	A-kinase ar	234775.4	272242.6	191673.5	286781.6	309732.1	356261.2	789071.4	959385.1	463072	494584.1	571145.6	540978	346348.5	386552.1	197803.6	273749.3	312983.4	154718.1	562552.4	573185.3	240720.7	217483.5	571145.6	618009
Q9Z2J2	1	1	2.71259	0.007754	2.313084	37C	31C	DNA-(apuri	2114416	1962140	1109742	617256.4	4281577	4431935	4708469	5130250	6442852	6226228	5348970	5722421	3119257	2786005	1145234	589206.3	4326522	1924712	3356807	3065071	3349216	2737859	5348970	6537249
G3IFV3	6	6	13.94955	0.001046	2.313996	37C	31C	Exportin-1	1072056	1092888	1147385	1118749	2200242	2460658	2792149	2766080	5229475	4275127	3135826	2840138	1581533	1551770	1184081	1067909	2223339	1068621	1990606	1652596	2718461	1879902	3135826	3244552
G3I334	1	1	1.902191	0.011269	2.321225	37C	31C	Hydroxyac	263777.1	298077.7	456939.4	251824.3	297250.2	101363.5	471312.6	554644	1380749	582993.8	432670.1	452295.1	389132.8	423234.8	471553.3	240380.6	300370.5	44020.41	336012.7	331372.5	717760.5	256359.8	432670.1	516698.3
G3HKQ8	2	2	4.200809	4.38E-05	2.329308	37C	31C	Putative AT	774378.8	811612.4	811162.2	994211.8	733184.7	616038.5	1849923	1509952	2782235	1951607	1556722	1391854	1142389	1152393	837105	949031.7	740881.2	267534.8	1318865	902121.7	1446301	858180.2	1556722	1590043
G3H3D3	1	1	2.338842	0.002027	2.331386	37C	31C	Branched-(	1502218	1536994	1504538	1795544	770423.9	960641.9	2494561	2751391	4379981	4929022	2046640	2213533	2216122	2182348	1552657	1713949	778511.3	417190.1	1778447	1643820	2276865	2167439	2046640	2528722
G3H4S3	1	1	2.707055	0.028697	2.331673	37C	31C	Heat shock	268419.1	194863.1	250535.1	195483.4	590816	1061276	571662.9	633861.1	2069625	1465291	681007.8	550882.5	395980.8	276682.4	258547.8	186600	597018	460893.7	407555.4	378700.8	1075862	644332.5	681007.8	629323.8
G3I973	15	15	58.3496	0.011244	2.341319	37C	31C	Hypoxia up	6214652	6976700	5909442	7545234	9225631	14282150	13663398	16688051	31173477	34657687	10002776	11240680	9168061	9906083	6098439	7202354	9322476	6202489	9741041	9970287	16205045	15240024	10002776	12841265

G3HG83	7	7	19.54574	0.000271	2.34851	37C	31C	T-complex	9399286	9620202	9655515	10670796	13201316	16325015	22286839	25126384	39011784	36025257	19398669	19897954	13866140	13659541	9964321	10185881	13339895	7089670	15888948	15011775	20279666	15841385	19398669	22731266
G3HV97	1	1	1.969368	0.000146	2.350549	37C	31C	Ribose-phc	1827210	1914375	1377077	1222846	1584774	1590235	3778190	3302664	5739995	4169229	2951789	2427170	2695561	2718184	1421119	1167276	1601410	690611.6	2693583	1973179	2983847	1833335	2951789	2772780
G3IF52	3	3	7.192124	0.000167	2.362316	37C	31C	Nucleobinc	1339153	1496607	853894.4	875489.8	1154845	1342945	2177817	3098157	3005924	4042360	1936525	2424099	1975564	2125004	881203.9	835704.8	1166968	583217.7	1552631	1850996	1562583	1777547	1936525	2769271
G3HRP2	2	2	5.62269	0.029152	2.364029	37C	31C	Canopy FG	2102167	2553057	2034741	1743788	4698281	8472358	6435185	5023451	18211202	9399723	8810449	3193398	3101186	3625036	2099817	1664545	4747601	3679398	4587834	3001264	9466808	4133340	8810449	3648112
G3GRM7	2	2	4.395273	0.001938	2.366582	37C	31C	Myosin-Ie |	394251.1	448100.6	185093.7	387566.9	410665	621768.8	806708.2	685155.6	1688608	1005588	773542.9	832477.6	581612.4	636249.5	191013.5	369954.6	414975.9	270023.4	575126.1	409346.6	877796.7	442187.4	773542.9	951015.9
G3HZY5	1	1	2.385668	0.00605	2.394408	37C	31C	U1 small nu	2453963	2491334	876893	1042644	537446	596534.8	2748087	2840711	4055058	4684475	2382220	2441874	3620167	3537398	904938.1	995262.6	543087.8	259064.7	1959192	1697185	2107958	2059904	2382220	2789578
G3HVJ5	2	2	4.022155	0.000804	2.394507	37C	31C	Squamous	132288.4	107971.4	95359.38	83381.34	53539.16	45537.43	222730.2	166633.4	187622.8	147788.4	274457.1	241307.5	195156.3	153306.6	98409.19	79592.23	54101.18	19776.11	158791	99555.25	97532.79	64986.98	274457.1	275667.8
G3GYL0	1	1	2.869094	2.11E-05	2.397337	37C	31C	CUG-BP-ar	274689	471922.1	553285.7	482938.5	506998.1	387880.9	1272551	1247885	985569	917486.6	1060414	935476.9	405230.4	670073.2	570981.1	460992.3	512320.2	168449.9	907239.5	745549.9	512332.6	403446.4	1060414	1068681
G3GU35	1	1	2.402655	0.004073	2.405671	37C	31C	Putative RN	421583.9	337144.4	442623	395093.3	823511.3	689254.5	1056961	634919.9	2020257	1798696	1125323	843581	621934.5	478704.8	456779.1	377139	832156	299331.3	753538.9	379333.3	1050199	790940.5	1125323	963700.3
G3HGA3	1	1	2.140965	0.011629	2.410856	37C	31C	Rho guanin	534723.9	460873.1	337948.1	343526.2	282178.2	237375.3	790209.7	305401.8	1594707	1166909	703899.1	734619.2	788842.5	654384.9	348756.5	327915.3	285140.3	103088	563363.9	182462.5	828983.5	513124.8	703899.1	839223.2
G3HX33	1	1	5.417934	0.002634	2.418103	37C	31C	60S riboso	9673298	8692192	8489362	8680055	13615734	14700700	14419851	22534409	30440122	48593779	16050877	22360058	14270371	12341877	8760871	8285606	13758663	6384259	10280339	13463198	15823822	21368141	16050877	25543954
G3I881	1	1	2.172213	2.08E-06	2.418807	37C	31C	Peptidylpro	2481529	2579589	2272415	2316973	3086702	3500820	6095910	6622106	7459947	7867981	5718458	5512258	3660834	3662709	2345092	2211683	3119104	1520345	4345955	3956382	3877937	3459787	5718458	6297161
G3HAT2	2	2	5.234672	2.45E-06	2.421278	37C	31C	NMDA rece	2155821	1852848	1880640	1791014	1506401	1725611	4352163	4230600	5267743	5503560	3686940	3380797	3180339	2630824	1940788	1709625	1522214	749403.1	3102786	2527575	2738354	2420080	3686940	3862196
G3GSP0	1	1	2.827616	0.009027	2.421806	37C	31C	UMPS | UM	1327957	921560	931864.8	402725	1728287	498784.6	2358626	1053454	3996796	2499353	2275274	1890047	1959047	1308505	961668	384423.9	1746430	216613.5	1681535	629386.9	2077672	1099041	2275274	2159175
G3HLM3	2	2	5.830059	1.94E-05	2.430284	37C	31C	Glycylpept	1305550	1134274	1249919	1182627	1761099	1582594	2973360	2982488	3929255	4688756	2697617	2695887	1925992	1610534	1289895	1128885	1779585	687293.2	2119796	1781890	2042562	2061787	2697617	3079761
G3HTZ2	2	2	4.383919	5.44E-07	2.438871	37C	31C	SDHC | SDI	776880.2	751222.1	1166357	1040748	894487.3	788542.4	2211322	2177919	2398120	2404398	2081856	1940764	1146080	1066646	1203660	993453.5	903877.1	342450.3	1576517	1301199	1246625	1057286	2081856	2217114
G3HIK1	4	4	12.5442	0.034644	2.444505	37C	31C	Nuclear po	2265178	2736639	2529449	2558478	4043532	5039279	5490716	3297037	19352685	7977510	7516990	3232479	3341666	3885702	2610347	2442212	4085979	2188471	3914494	1969817	10060190	3507950	7516990	3692759
G3HLP2	1	1	2.531428	0.006594	2.448312	37C	31C	CAP-Gly dc	142421.5	116030.9	37926.07	127563.1	111870	96905.57	309314.9	444675.8	159322.4	141163.2	268064.1	226548.6	210105	164750	39139.03	121766.2	113044.3	42084.4	220519.8	265671.8	82821.28	62073.68	268064.1	258807.4
G3HFB4	1	1	2.063278	4.29E-05	2.451118	37C	31C	Splicing fac	129916.7	179365.2	255900.3	288783.4	206050.3	214575.9	547224.3	456704.2	622660	598243	496041.4	403301.8	191657.5	254677.3	264084.6	275660.1	208213.3	93186.56	390132.4	272858.2	323680.1	263065.4	496041.4	460728.8
G3IEX3	1	1	2.048176	0.001173	2.456018	37C	31C	Peptidyl-pr	637266.8	783553	223926.6	250437.7	313535.5	351320.6	995805.3	1022666	1243514	1340308	818155.4	867055.5	940117.2	1112552	231088.3	239057	316826.8	152572.4	709939.1	610992.2	646421.6	589373.8	818155.4	990517.4
G3GRX2	1	1	2.488265	0.001285	2.456282	37C	31C	Ubiquitin c	1413567	930228.1	1226351	840725.7	1577747	353216.1	2737571	2960469	2758316	2349246	2393534	2378200	2085341	1320813	1265572	802520.5	1594309	153395.6	1951696	1768734	1433868	1033034	2393534	2716837
G3IM70	1	1	2.313201	0.009746	2.45803	37C	31C	Ubiquitin-a	536466.5	534991.4	616182.4	528050.3	1806893	1892353	1524799	1725751	4028669	3682180	1556220	2021476	791413.2	759624.1	635889.3	504054	1825861	821816.2	1087074	1031051	2094241	1619165	1556220	2309319
G3HEW0	1	1	4.119778	0.000482	2.465258	37C	31C	DPY30 |	3443153	2736920	2664297	2133554	3775641	3858318	6276349	5748922	10791174	11869595	5523860	5673193	5079454	3886101	2749507	2036599	3815275	1675600	4474595	3434697	5609623	5219417	5523860	6481011
G3HSC9	1	1	7.660853	0.009686	2.467361	37C	31C	60S riboso	13281188	12560482	8814999	8726918	18979139	24293421	22469620	22413962	60932698	62007999	23579775	22407929	19592851	17834388	9096922	8330339	19178370	10550211	16019258	13391237	31674911	27266776	23579775	25598642
G3HD44	1	1	1.977879	0.037388	2.471297	37C	31C	Vacuolar p	0	109626.6	0	23864.73	8917.545	0	21273.14	30331.32	24924.76	62701.15	76922.91	135781.2	0	155656.7	0	22780.24	9011.155	0	15166.25	18121.47	12956.75	27571.57	76922.91	155115.4
G3I4H1	2	2	5.578247	0.006129	2.479039	37C	31C	Mitogen-ac	668397.1	811850.5	827478.2	910577.9	1563605	2465436	1827992	2147359	4711927	4920612	2185799	2172764	986041.6	1152731	853942.8	869198.4	1580018	1070696	1303230	1282941	2449421	2163740	2185799	2482148
G3INF7	2	2	5.971598	0.001481	2.480582	37C	31C	Glutathion	400804.3	316062.4	298431.3	452538.5	688108.2	693448.7	1167311	1375073	624107.8	843957.1	1464343	1593363	591279.9	448771	307975.8	431973.7	695331.5	301152.7	832210.5	821538.1	324432.7	371113.3	1464343	1820245
G3H6K5	1	1	2.292445	0.001685	2.481454	37C	31C	HIV Tat-spe	121591.2	263776.9	164764.3	224433.8	316372.5	271285.2	428396.1	387418.4	419216.6	441616.2	770282	933366.7	179375.4	374531.8	170033.9	214234.8	319693.5	117814.4	305416.3	231463.4	217923.2	194191.9	770282	1066271
Q1ERS4	4	4	9.547532	5.53E-07	2.485617	37C	31C	CRILO Dyn	831192.3	912658.5	809720	747174.5	634417	645833.9	1866711	1897226	2117198	2265931	1620540	1618997	1226203	1295866	835616.7	713220.5	641076.7	280474.4	1330834	1133499	1100593	996397.9	1620540	1849530
G3HAU1	2	2	5.552149	0.004678	2.487761	37C	31C	Eukaryotic	418620.5	1368021	583292.6	1378365	1007330	2011184	2744467	2192715	4614899	2887809	2668692	1725628	617562.9	1942427	601947.6	1315727	1017904	873422.1	1956611	1310039	2398983	1269856	2668692	1971343
G3GTE4	1	1	1.960056	4.28E-06	2.496088	37C	31C	GRB2 | GRI	423050.3	564208	421070	461054.6	538819.4	733891.2	1277938	1377709	1134627	1078575	1475224	1498868	624097.9	801108.2	434536.8	440102.8	544475.6	318716.2	911079.7	823113.2	589817.9	474282	1475224	1712295
G3HUE0	2	2	3.869217	3.16E-07	2.49651	37C	31C	STE20/SPS	289577.4	310882.4	281802.6	255168	343838.6	342506.2	746501.5	708735	818376.1	602887.3	935665.5	740908	427194.2	441415.9	290815.3	243572.4	347448	148744.5	532203	423434.2	425420	265107.6	935665.5	846407.5
G3H638	1	1	2.129456	3.65E-06	2.525358	37C	31C	activator of	1343212	1687794	1739177	2398071	2030486	2474203	4718047	5504221	4309586	5483291	4520387	4942830	1981552	2396466	1794800	2289095	2051800	1074503	3363635	3288501	2240271	2411168	4520387	5646650
Q6E6J6	4	4	13.80067	1.34E-07	2.526322	37C	31C	Chromobo	1260647	1256447	1463608	1705247	1366966	1542385	3289285	4154049	3416299	4242248	3118766	3493848	1859748	1784005	1510417	1627755	1381316	669830.8	2345028	2481840	1775909	1865443	3118766	3991345
G3HTI3	1	1	1.991852	0.003107	2.541102	37C	31C	Putative G-	603376.2	528447.4	440144.3	428886	276794.7	114107.7	1169050	894889	1294845	1168551	837383	712978.1	890120.7	750332.4	454221.1	409396.1	279700.3	49554.98	833450.4	534652	673104.9	513846.8	837383	814500.6
G3IMU0	2	2	4.359775	5.13E-08	2.556291	37C	31C	ADP-ribosy	737522.3	873870.9	871983.9	959238.6	934288.4	1175961	2260243	2411607	2423542	2554930	2225952	2318463	1088017	1240793	899871.9	915647.8	944096	510699.6	1611395	1440816	1259840	1123479	2225952	2648594
G3HHL3	5	5	13.25535	0.004255	2.569069	37C	31C	Eukaryotic	1873005	1747290	1438914	1236334	2129842	1728102	3378293	2335833	8973952	5762514	3048282	2586134	2763119	2480943	1484934	1180151	2152199	750484.8	2408485	1395545	4664969	2533950	3048282	2954379
G3HTX6	1	1	2.514272	0.003836	2.571771	37C	31C	Phosphorit	177898.5	261693.6	215771.7	78179.89	217553.2	90751.07	354990.4	240703.2	617323.6	701838.7	372045.7	392493	262441.8	371573.7	222672.6	74627.15	219836.9	39411.61	253083.2	143808.3	320906	308619.5	372045.7	448380.9
G3GYL3	1	1	2.182056	0.003218	2.577995	37C	31C	NADH dehy	806497.8	771542.6	626451.5	698900	546494.5	991483.2	1674703	2050940	2450940	3352900	1000909	919434.7	1189772	1095499	646486.9	667139.8	552231.3	430583.9	1193946	1225335	1274083	1474371	1000909	1050355
G3HJD8	2	2	4.500667	0.002128	2.578068	37C	31C	40S riboso	6750963	8201700	7089806	9059311	11714205	16764925	15426539	19081344	31761749	48422094	19367363	19544563	9959245	11645437	7316554	8647628	11837173	7280715	10998037	11400162	16510849	21292646	19367363	22327556
G3HJA9	2	2	5.002936	3.72E-06	2.584256	37C	31C	Eukaryotic	1481274	1850416	1571631	1854280	2530807	2799429	5050569	5021985	5736584	5447467	4876644	5104818	2185225	2627371	1621895	1770016	2557374	1215743	3600700	3000388	2982073	2395414	4876644	5831704
G3HQV2	2	2	5.072642	0.012483	2.595461	37C	31C	Serine/thre	1716039	1516024	1471241	1246288	2047900	2282274	2900754	2767503	9697340	6673783	2377746	2263604	2531557	2152573	1518295	1189653	2069398	991151.9	2068033	1653446	5041010	2934662	2377746	2585924
G3I0C6	5	5	13.59115	0.002586	2.597148	37C	31C	Cullin-5 | C	675366.7	459922.2	362631.2	238642.6	1328275	884587.5	1682230	1270604	1792477	2518668	1371367	1621896	996323.5	653034.7	374228.9	227797.9	1342219	384161	1199312	759123.1	931791.3	1107534	1371367	1852841
G3HKN6	1	1	3.456148	0.003573	2.601119	37C	31C	cAMP-depe	13768.69	31357.1	20629.2	23656.54	70970.8	78359.18	116417.6	130643.8	114397.6	95524.18	97324.7	66687.32	20312.04	44523.34	21288.97	22581.51	71715.81	34030.03	82997.55	78053.21	59467.78	42004.84	97324.7	76183.07
G3IG23	6	6	21.02697	0.001623	2.601871	37C	31C	Alanyl-tRNA	1938837	2320974	1789243	2200319	2105404	2540913	3681916	4083851	10264113	8345805	3706425	3470805	2860236	3295506	1846467	2100329	2127505	1103474	2624947	2439900	5335639	3669901	3706425	3965020
G3I7M2	4	4	9.506768	0.000261	2.604871	37C	31C	Elongation	519441.5	603269.6	820496.1	804857	694378.6	709524.2	1854127	2011565	2406218	2363266	1183667	996494	766297.4	856570.9	846737.5	768281.7	701667.8	308134	1321862	1201811	1250835	1039199	1183667	1138387
G3H8H3	3	3	7.607283	0.000658	2.605332	37C	31C	Nck-associ	130405.5	175845.5	146690.3	129373	248618.3	159147.1	401760.3	239985.8	798333.8	394930.9	404286.5	340188.9	192378.5	249679.7	151381.8	123493.9	251228.1	69114.82	286426.8	143379.7	415001.3	173663	404286.5	388629.1
G3GS61	1	1	2.53164	0.0021	2.606049	37C	31C	PRA1 famil	698538.7	1057706	501431.9	657940	460436.1	826864.9	1062371	1843240	2776607	2830550	1043604	1396636	1030507	1501817	517468.9	628041.1	465269.5	359093	757395.7	1101245	1443376	1244678	1043604	1595506
G3IDS3	1	1	2.331278	0.002439	2.612703	37C	31C	Putative he	538322.6	688431.1	209385.3	315559.4	499626.2	368509.5	1432223	1570581	585021.2	708638.5	1218181	1330206	794151.4	977490.2	216081.9	301219.4	504870.9	160037.3	1021074	938344.4	304114.1	311609.6	1218181	1519616
G3HS06	3	3	6.560335	0.00153	2.615798	37C	31C	40S riboso	7935246	9072195	6809723	8423489	16250176	19836232	20622911	23035062	46546798	42438956	22319535	23766542	11706338	12881437	7027514	8040699	16420760	8614531	14702684	13762313	24196625	18661681	22319535	27150711
G3GSM5	2	2	5.92736	0.006531	2.631041	37C	31C	Transferrin	884497.8	855254.2	600062.2	535744.4	471781	123501.7	1879774	1484669	2133948	1564088	1014237	1055208	1304841	1214359	619253.6	511398.5	476733.4	53634.64	1340147	887016.3	1109300	687776.3	1014237	1205462
G3H8I5	1	1	2.235887	0.007451	2.637863	37C	31C	Exportin-4	250277.9	135450.9	253688.3	40728.75	265739.6	109782.6	432359.8	275026.6	759686.9	443916.6	505779.7	367937.9	369218.2	192324.1	261801.8	38877.91	268529.2	47676.69	308242.1	164314.8	394911.3	195203.4	505779.7	420329.4
G3I2K8	3	3	7.52743	0.000153	2.641708	37C	31C	RRM2 | RRI	472689	774072.8	607055.4	674114.9	1175280	969201.2	1754521	1613051	2809941	2694591	1773921	1697127	697326.5	1099091	626470.4	643481	1187617	420907.2	1250850	963718.5	1460704	1184892	1773921	1938784
G3GW47	3	3	6.502984	0.001336	2.647793	37C	31C	Arginyl-tRN	920938.7	857718	771812.4	627417	1083936	993507	1654824	1517133	4100552	3517439	1567117	1557958	1358599	1217857	796496.8	598905.2	1095315	431462.8	1179773	906412	2131608	1546723	1567117	1779799
G3HV73	7	7	20.9542	0.002856	2.64926	37C	31C	Poly [ADP-r	1566051	1602216	1700605	1677830	2254379	2618074	3299950	3693838	9173295	8009266	3014887	3061078	2310290	2274955	1754995	1601584	2278044	1136984	2352632	2206886	4768594	3521914	3014887	3496951
G3H8Y0	3	3	6.078866	4.26E-05	2.669259	37C	31C	Terpene cy	1455991	1737676	1299788	1217097	1572213	1788839	3266047	3663615	5505014	5788966	2867794	3123023	2147926	2467294	1341358	1161788	1588717	776861.6	2328461	2188829	2861695	2545582	2867794	3567717
G3HAG8	2	2	4.494604	0.020406	2.669752	37C	31C	AP-1 comp	141356	202892.9	121280.9	78467.66	425280.3	340101.5	276501.1	332692.5	1343949	751292.5	419911	371371.3	208533.1	288083.8	125159.7	74901.84	429744.7	147700.2	197125.9	198767.3	698630.9	330365.8	419911	424251.7
G3HNJ1	1	1	2.090822	8.86E-05	2.676388	37C	31C	Coiled-coil	769761.8	654869	659218.3	570748.5	555190.5	402275.3	1656510	1545585	2208350	2067401	1143024	1046412	1135578	929835.9	680301.6	544811.9	561018.5	174701.2	1180975	923411	1147976	909098.2	1143024	1195413
G3I3B7	9	9	25.69316	3.82E-06	2.68159	37C	31C	Ribonucleo	1871525	2011820	2079769	2600222	2713652	3534696	5664995	7247474	6343863	8033933	6003816	6424779	2760936	2856545	2146284	2482060	2742138	1535057	4038743	4330008	3297758	3532761	6003816	7339617
G3IH78	1	1	3.318343	0.000429	2.682051	37C	31C	OSTC | OST	329759.8	317726.2	267786.6	322604.1	337278.2	286753.6	819182.9	661673	1403280	1112236	512341.9	485018.6	486472.6	451133.4	276351	307943.9	340818.7	124532.1	584019.8	395317	729473.4	489083.6	512341.9	554081.5
G3HMM2	4	4	10.34111	0.001235	2.682203	37C	31C	Peptidyl-pr	2606959	2592872	2538524	2659856	4251628	4893616	6491536	6952589	14589964	13122406	5777236	5485775	3845873	3681570	2619712	2538984	4296259	2125212	4628008	4153829	7584365	5770315	5777236	6266906
G3I5Q9	1	1	2.805894	0.001743	2.700397	37C	31C	Ras-relatec	2492370	2158438	2609443	2380380	3428969	4420264	6175783	6261310	15091529	10224004	5135213	4341729	3676827	3064725	2692898	2272208	3464964	1919644	4402899	3740824	7845096	4495801	5135213	4959957
G3HX83	3	3	7.307873	0.004189	2.702228	37C	31C	Ras-relatec	92311.58	378175.7	480851.4	566287	741171.4	639053.1	1456336	1506934	1198394	1110694	1303339	1254954	136181.1	536964.4	496230.1	540553.2	748951.8	277529.7	1038265	900319	622966.2	488405.6	1303339	1433650
G3GXT2	14	14	40.69146	0.038214	2.714431	37C	31C	CAD protei	5382637	5332204	5798323	5069954	8564909	14730883	11262850	10386529	48057820	32660481	12550246	6902801	7940646	7571095	5983767	4839559	8654817	6397366	8029620	6205439	24982106	14361792	12550246	7885706
G3GUI3	4	4	15.03392	0.016956	2.715852	37C	31C	Peptidylpro	3400190	3225055	2947841	3273059	3740880	7526469	8347360	5927790	24456141	15359390	7439552	3958449	5016073	4579193	3042120	3124321	3780150	3268615	5951080	3541562	12713143	6753984	7439552	4522101
G3H2D6	2	2	5.114649	0.00038	2.71599	37C	31C	GTP-bindin	266651.9	366431.1	267615.5	309761.6	246423.4	192437.6	727300.9	537862.5	1476867	601099.2	592945.3	543464.7	393373.8	520288.6	276174.4	295685	249010.2	83572.3	518514.4	321346.3	767726.4	264321.3	592945.3	620849.8
C0SSX9	3	3	7.377195	0.000247	2.729472	37C	31C	ILK | ILK	215742.1	257939.3	174146.3	262181.8	212646.2	150655.2	412850.1	519818.1	736401.1	980635.6	405855	419906.5	318269.9	366243.1	179715.9	250267.4	214878.4	65426.93	294333.1	310565.7	382806.6	431214.9	405855	479697.9
G3IGQ3	6	6	19.03043	0.034632	2.740744	37C	31C	Heat shock	48851476	61705936	37629067	49085757	1.1E+08	1.79E+08	1.21E+08	1.15E+08	4.84E+08	4E+08	1.3E+08	85448652	72067324	87615079	38832531	46855145	1.12E+08	77935941	86223959	68661273	2.51E+08	1.76E+08	1.3E+08	97615869
G3GRT8	2	2	4.999699	1.41E-05	2.746633	37C	31C	Diphospho	951203.3	1218017	755924.6	961980.1	783970.7	998238.4	2118749	2750126	2993703	3693761	1849865	2165375	1403247	1729439	780100.7	918264.7	792200.3	433517.6	1510519	1643065	1556230	1624258	1849865	2473708
G3IM94	1	1	7.103376	5.97E-06	2.752225	37C	31C	60S riboso	1847384	2122300	3634081	3720296	2494073	3092812	7725202	7423708	8807980	7604039	7599479	7382322	2725323	3013413	3750307	3551234	2520254	1343155	5507525	4435299	4578691	3343724	7599479	8433507
G3HYG2	2	2	6.602551	0.048054	2.757607	37C	31C	Eukaryotic	3701044	10943858	3466797	12934900	10019805	37599753	15092235	21189655	89803621	57696887	19288073	13859872	5459903	15538975	3577674	12347097	10124986	16328919	10759701	12659774	46683008	25371051	19288073	15833408
G3H450	1	1	4.398714	0.017414	2.767653	37C	31C	Isocitrate c	701683.8	584035	281638.7	659583.3	234905.1	791753.8	1049146	1511142	2191978	2656075	424140.3	1172354	1035147	829260.1	290646.1	629609.7	237371	343844.9	747967.1	902833	1139465	1167956	424140.3	1339288
G3HZ28	2	2	4.949484	1.54E-07	2.785143	37C	31C	Twisted ga:	638673.3	605261.4	700943.8	481339.4	789178.8	573280.9	1926453	1941757	1786813	1553468	1789129	1554389	942192.1	859399	723361.6	459465.8	797463.1	248965.9	1373425	1160104	928846.9	683106.6	1789129	1775722
G3H125	1	1	2.073396	0.027761	2.78794	37C	31C	Neutral am	369849.9	341264.2	136411.4	98012.97	711050.6	465240.6	313849.9	451732.6	1666017	1608883	865135.2	1009917	545614.9	484554.5	140774.2	93558.95	718514.7	202045.9	223752.9	269888	866052.8	707474	865135.2	1153721
G3HHE4	3	3	8.421425	2.99E-05	2.790063	37C	31C	Leucyl-tRN	641563.2	603719.6	248635.3	417517.4	393370.8	450501.7	1239519	1298931	1354094	1537954	1067651	1189334	946455.4	857209.9	256587.2	398544.1	397500.1	195645.1	883689.8	776047	703904.6	676284.7	1067651	1358686
G3GUN0	4	4	11.91718	0.000472	2.795533	37C	31C	Chromodo	500238.3	462501.4	363950.6	276191.4	961763	1077539	1653415	1838520	1496167	1450166	1785063	1958512	737968.2	656696.9	375590.6	263640.4	971858.9	467956.3	1178769	1098425	777759	637681.6	1785063	2237388
G3H7Y4	1	1	3.220927	0.001498	2.802581	37C	31C	Astrocytic p	471861.6	498002.5	354828.8	291552.3	661926.1	431605.1	777133	1047953	2477164	1633379	844066	814673.4	696106	707104.2	366177	278303.2	668874.6	187438.6	554041.2	626100.5	1287715	718245.5	844066	930676.5
G3HBE7	1	1	1.914738	0.007349	2.803799	37C	31C	Acyl-CoA sy	390237.8	449731.1	59927.01	410908.5	215502.4	171785	1110494	1169429	683867.6	792635	510810.7	493871.5	575691.9	638564.6	61843.61	392235.6	217764.6	74603.24	791704.1	698676.3	355497.9	348545.4	510810.7	564194.9

G3GXY4	1	1	2.610993	0.00676	2.805321	37C	31C	Regulation	718934.6	1018119	283826.4	109928.5	142286.5	176598.8	930795.6	1731459	857681.5	731381.7	1235955	1384904	1060596	1445608	292903.8	104933	143780.1	76693.8	663591.7	1034461	445852.3	321610.5	1235955	1582104
G3HR63	2	2	5.690108	0.008172	2.805643	37C	31C	Protein car	815219.2	784399.2	778318.2	792344.2	1308422	1002118	2105051	1216232	6069890	2272883	2634123	1079050	1202638	1113753	803210.6	756337.6	1322157	435202.4	1500753	726638.8	3155337	999454.7	2634123	1232698
G3HYU6	1	1	2.156845	0.004901	2.805783	37C	31C	DNA-direct	996949.4	832119	782876.6	585942.1	1120704	926606.7	1524579	1878468	3855889	4858052	1347616	1252286	1470733	1181510	807914.8	559315	1132468	402409.2	1086918	1122292	2004423	2136231	1347616	1430602
G3H3I2	4	4	15.30171	0.000889	2.810768	37C	31C	Importin-9	1226139	1098669	854696.5	902670	1400208	1631677	2467147	2224846	5937321	4852225	2201117	2313315	1808841	1559979	882031.7	861649.8	1414906	708609.1	1758902	1329236	3086423	2133669	2201117	2642713
G3HP44	1	1	3.180466	0.000453	2.816359	37C	31C	Kinesin-like	305559.3	292879.3	260039.2	152578.6	679292	504660.5	863520	909256.7	1296411	1092392	940506.1	1079847	450771.2	415853.7	268355.9	145645	686422.8	219165.3	615629	543236	673919.2	480357.4	940506.1	1233609
G3H9F5	5	5	17.04084	0.018035	2.829066	37C	31C	Elongator c	1863996	1566211	1498249	1116309	3828801	5647027	4785802	4070857	16561015	10825746	4331242	3334122	2749829	2223832	1546167	1065580	3868993	2452406	3411940	2432136	8608985	4760405	4331242	3808875
G3HVL1	4	4	9.646021	0.005471	2.876486	37C	31C	Cell divisio	4900137	4085608	3545364	3268888	5409680	7265642	8391101	8260385	29825179	19627736	7850992	7953459	7228845	5801076	3658753	3120339	5466468	3155342	5982264	4935173	15504153	8630904	7850992	9085969
G3H1V1	1	1	2.101045	0.000445	2.881758	37C	31C	60S riboso	146202.4	207497.5	494931.7	468367.1	388233.6	378480.4	1113608	796125.1	1235807	1147865	1005131	706219.8	215682.6	294621.8	510760.8	447083.1	392309	164367.4	793924.3	475645.5	642414.8	504750.8	1005131	806779.9
G3H2A8	2	2	5.308919	0.002393	2.906833	37C	31C	Actin-relate	710277.1	673467.3	742979.2	761368.5	1312479	1321157	1481154	1592555	4621487	4489692	1790983	2074875	1047825	956243.4	766741.3	726769.5	1326257	573755.7	1055958	951473.2	2402408	1974252	1790983	2370321
G3IBI3	1	1	1.898232	0.021018	2.906867	37C	31C	Putative AT	180498.5	62882.4	48736.8	122050.4	46981.26	14808.25	236969.2	63044.55	386877	193003	324492.9	179158.9	266277.3	89285.52	50295.51	116504.1	47474.44	6430.967	168942.3	37666.01	201111.9	84869.19	324492.9	204669.8
G3H381	2	2	4.157062	5.85E-06	2.944485	37C	31C	Kinesin ligh	106036.3	174534.4	171963.4	164986.4	136369.4	94404.61	429248.1	344370	406308.9	548342.4	363187.8	406333.7	156428.3	247818.1	177463.2	157488.9	137800.9	40998.28	306023.7	205744.1	211213.3	241122.6	363187.8	464192.4
G3HJV5	3	3	9.091187	0.00093	2.961795	37C	31C	Nuclear po	491631	628618.4	508484.8	560152	1136758	1462636	1792870	1720911	3574541	3603866	1811508	1678211	725270.4	892563.2	524747.3	534696.9	1148691	635197.5	1278190	1028159	1858169	1584728	1811508	1917175
G3I6H5	4	4	10.59983	0.001117	2.96204	37C	31C	Fermitin fa	950618.9	728303.2	691840.7	600491.2	1346940	1316779	1913541	2227019	4511997	4447489	1575732	2015238	1402385	1034104	713967.4	573203	1361079	571854.1	1364220	1330534	2345491	1955694	1575732	2302193
G3I3C7	1	1	5.226594	0.023517	2.9679	37C	31C	Putative all	137362.8	74726.85	173918.9	109181.6	2167953	1146701	1834471	831651.6	1606512	536973.6	3949636	2547993	202642.1	106103.2	179481.2	104220	2190711	497992.4	1307849	496870.8	835120	236123.4	3949636	2910808
G3IEX0	1	1	2.503597	0.010738	3.017651	37C	31C	Prolyl 3-hy	73425.66	125952.4	88563.23	18493.95	242853.8	129446.9	275507.8	197290.9	722944.4	248770.8	347353.9	256320.6	108320	178837.4	91395.69	17653.53	245403.1	56216.54	196417.7	117871.6	375811.3	109392	347353.9	292818.6
G3IEB3	1	1	2.637658	0.013046	3.027997	37C	31C	OCIA doma	690377.8	327843.8	760684.8	561144.2	626270.8	409840.8	1410193	1084371	3435308	2919114	713737.3	660285.8	1018468	465499.2	785013.2	535644	632845	177986.7	1005368	647858.4	1785791	1283622	713737.3	754305.3
G3GWP1	1	1	2.698194	0.006348	3.029929	37C	31C	Protein tra	27601.96	72836.74	15180.04	99215.91	43219.64	121704.4	243874.4	246001.2	85772.18	146381.1	170021.3	258591.7	40719.33	103419.5	15665.53	94707.23	43673.33	52854.09	173865.3	146973.6	44587.33	64368.18	170021.3	295413.1
G3IEA7	1	1	4.104055	0.045998	3.030615	37C	31C	Exosome c	654294.4	84905.2	49258.3	242992.1	925769.5	898831.6	760414	633107.9	3788829	2007961	834773.7	630504.8	965236.9	120555.3	50833.69	231949.8	935487.6	390346.9	542121.7	378250.8	1969563	882960.7	834773.7	720283.7
G3I6F9	2	2	5.882266	0.000956	3.040039	37C	31C	EH domain	375006.8	429529.3	246203.4	226040.9	600362.4	318744.6	941021.8	698380.5	1899123	1548597	988877.4	599584.2	553222.5	609880.5	254077.6	215768.9	606664.7	138425.2	670882.3	417247.9	987229.3	680964.4	988877.4	684960.3
G3GXW9	3	3	7.943107	0.000878	3.045675	37C	31C	SAM doma	137300.3	139502.4	336328.1	332357.3	412385.7	305293.4	718127.6	562319.4	1565511	830759.7	719635.9	669114	202550	198076.8	347084.6	317254	416714.7	132583.6	511974.4	335958.1	813806.4	365309.9	719635.9	764390.6
P19784	2	2	5.172585	0.003678	3.046429	37C	31C	HUMAN Ca	796425.9	416922.3	584534.2	224802.8	736905.7	569216.2	1259680	758089.7	3238694	2370663	1200633	1313214	1174914	591980	603228.9	214587	744641.2	247200.7	898063.2	452921.2	1683585	1042451	1200633	1500206
G3I3A2	1	1	2.328277	0.005418	3.056252	37C	31C	40S riboso	1063236	1350789	2061563	1834063	4263443	6017516	6507180	4414644	17853347	8734954	7982971	5211987	1568521	1917960	2127497	1750717	4308197	2613303	4639161	2637532	9280783	3841021	7982971	5954133
G3HX53	1	1	2.603744	0.000624	3.062068	37C	31C	Scavenger	289023.2	330875.5	495667.1	378007.8	693654.6	712627.9	941390.4	1288486	2084481	2458129	1117276	989794.6	426376.6	469803.7	511519.7	360829.9	700936.1	309481.9	671145.1	769806.6	1083585	1080913	1117276	1130734
G3I0H2	1	1	2.147961	0.00637	3.07477	37C	31C	40S riboso	5552578	5206498	5872925	5421064	19995424	22101726	18183479	20096854	48880617	64072020	22471502	23542677	8191348	7392607	6060755	5174714	20205324	9598395	12963541	12006879	25409824	28174388	22471502	26894970
G3ICH6	2	2	5.764075	0.002385	3.085819	37C	31C	Calcium-bi	506371.6	512257.4	719483.2	647857.1	625821.3	297318.8	1147350	1071004	3360878	2612413	1059408	960257.6	747016.2	727344.5	742494	618416.5	632390.7	129120.4	817979.8	639872.2	1747100	1148756	1059408	1096991
G3HE29	1	1	2.287313	0.005092	3.091064	37C	31C	DnaJ-like s	49337.2	89262.2	32525.01	16712.09	14255.26	43133.41	111299.8	90630.43	217406.1	139353.1	52605.14	146712.2	72783.88	126741.7	33565.23	15952.64	14404.9	18732.09	79348.89	54147.21	113015.2	61277.74	52605.14	167602.9
G3I2N1	1	1	3.294457	0.005505	3.094517	37C	31C	Phosphate	897113.1	1521072	2165537	3476893	5833373	9122426	9373893	11862612	14675133	20057248	7238759	8017043	1323451	2159741	2234796	3318892	5894608	3961711	6682926	7087325	7628638	8819773	7238759	9158607
G3I011	2	2	4.776938	0.014014	3.116735	37C	31C	60S riboso	241012.1	104080.1	91260.19	52070.55	100635.4	50182.33	223710	165851.2	936905.5	305734.6	176451	183691.4	355549.1	147781.3	94178.9	49704.3	101691.8	21793.31	159489.5	99087.92	487035.7	134440.7	176451	209847.6
G3HHF3	4	4	10.81612	3.98E-05	3.130815	37C	31C	Succinyl-C	927748.9	854500.8	948219.9	1033814	828308.1	986605.2	2826411	2823711	4128226	4111347	1840527	1737208	1368646	1213289	978546.1	986833.9	837003.2	428465.5	2015032	1687028	2145994	1807883	1840527	1984572
G3I757	3	3	7.760263	5.35E-05	3.135795	37C	31C	ADP-ribosy	767813.4	911591.5	433657.4	507946	1077154	1348636	2396739	2978250	2663762	2771429	2499154	2516387	1132704	1294351	447526.8	484863.3	1088461	585689	1708706	1779357	1384715	1218680	2499154	2874701
G3HDL7	3	3	7.024309	0.000183	3.136654	37C	31C	NADH-ubic	488547.7	461951.7	499232.8	531757.2	296889.8	213845.9	1378356	1342271	1557517	1839282	918293.1	781529.6	720721.9	655916.4	515199.4	507592.5	300006.4	92869.56	982670.7	801940.8	809651	808787.6	918293.1	892813.3
G3HCJ1	2	2	4.171327	0.001822	3.148888	37C	31C	Lon protea	465631.7	522639.5	570221.6	649446.1	288246.5	263082.9	1409297	1349243	2182805	2325315	710290.9	711677.9	686915.4	742085.8	588458.6	619933.2	291272.3	114252.3	1004730	806105.9	1134697	1022511	710290.9	813015.2
G3HQK5	2	2	4.825256	3.24E-08	3.156309	37C	31C	UDP-N-ace	255178.4	280243.1	317849.6	282296.9	323005.9	413071.9	931118.3	1119884	898975.9	920603.3	1009927	1026983	376447.6	397911.8	328015.1	269468.4	326396.6	179390	663821.8	669075.5	467318.6	404816.9	1009927	1173218
G3HID3	5	5	14.37509	0.003029	3.167766	37C	31C	Coatomer	938678.3	714069.2	735790.8	564314.1	1138277	853322.7	1896413	1400755	5605244	3839776	1569761	1350919	1384769	1013893	759323.1	538669.9	1150226	370583.2	1352009	836881.8	2913799	1688465	1569761	1543279
G3GZP1	1	1	2.097245	5.01E-06	3.205387	37C	31C	Pre-mRNA	1256261	1161136	1107431	1130710	1098438	1244022	2963458	3227473	5450359	5153638	2740818	2895545	1853277	1648675	1142849	1079327	1109969	540257	2112737	1928256	2833284	2266209	2740818	3307847
G3HZR3	1	1	2.795391	0.029556	3.210996	37C	31C	Uncharact	41501.98	10441.69	449134.8	769811	1635860	1700183	1861148	1956712	2523862	2898046	2784876	2768195	61225.1	14825.96	463499.2	734828.3	1653032	738360	1326868	1169039	1311990	1274358	2784876	3162364
G3GUG7	5	5	10.95878	7.61E-07	3.219889	37C	31C	Protein DE	939534.2	1346773	1148915	1272952	1054223	1198957	3853555	3646576	4540120	4749076	2782495	2842962	1386032	1912257	1185660	1215105	1065289	520686.1	2747314	2178649	2360111	2088311	2782495	3247777
G3HWJ5	1	1	2.45159	0.012168	3.221419	37C	31C	Poly(U)-bin	269809.1	439845.3	109660.4	175957.9	746594.7	458909.7	526095.3	499622.2	2472761	1759896	920400.4	910850.2	398031.4	624527.9	113167.5	167961.8	754432	199296.5	375068.9	298499.6	1285426	773878.9	920400.4	1040548
G3H6K2	1	1	1.931327	0.000937	3.268705	37C	31C	Rho guanin	759687	737727.4	510901.4	369697.9	870107.2	765550.1	1764469	1606120	3655637	3599960	1196631	1296690	1120716	1047485	527241.2	352897.7	879241.1	332465.1	1257942	959577.7	1900326	1583010	1196631	1481329
D0UZH8	2	2	7.691291	0.012965	3.291892	37C	31C	Adenylosu	574752.5	327363	547935.1	122361.2	666013.8	208082.9	1229998	390196	3108403	1020774	1389798	914471.9	847894	464816.4	565459.3	116800.7	673005.2	90366.78	876902.4	233122.8	1615854	448865	1389798	1044686
G3I9S0	1	1	2.516794	0.021011	3.307718	37C	31C	Surfeit locu	167655.2	170081.6	492527.4	447185	2785400	2082019	2163006	1647582	8338327	4861715	1712563	1602300	247330.6	241495.6	508279.6	426863.5	2814639	904184.7	1542071	984349.1	4334549	2137842	1712563	1830455
G3IP18	1	1	2.46891	0.00054	3.32757	37C	31C	Tight juncti	281970.1	234848	292114.8	253160	97710.41	72759.22	799518.7	608303.8	917555.6	701825.5	563350.6	510884.1	415971.7	333456.3	301457.3	241655.6	98736.12	31598.06	570000.5	363431.5	476976.9	308613.7	563350.6	583630
G3H497	1	1	2.081012	0.020472	3.328894	37C	31C	Inositol-3-p	1649998	1196873	1317854	939256.1	3972727	4437525	2907351	3054973	18709018	11515601	4721628	4078871	2434131	1699417	1360002	896573.4	4014430	1927140	2072736	1825196	9725591	5063755	4721628	4659670
G3GZB1	4	4	12.76969	0.006301	3.334793	37C	31C	Eukaryotic	1155207	1197675	1237717	732316	2179291	2308802	4169735	2544134	11524117	5897033	3405293	1842573	1704200	1700555	1277302	699037.3	2202168	1002672	2972728	1519995	5990632	2593102	3405293	2104941
G3HSE5	5	5	15.98306	0.000201	3.337284	37C	31C	Coatomer	678598.8	378344	560117.3	221959.1	875344.2	274491.1	1880308	1362972	2051063	1334052	1766509	1579750	1001092	537203.4	578031.1	211872.6	884533	119206.7	1340528	814308.5	1066213	586622.8	1766509	1804695
G3HEZ1	3	3	8.464103	2.77E-05	3.365227	37C	31C	Eukaryotic	487540.9	562674.9	455093.9	496138.3	1002304	991571.2	2078055	1823032	3148187	2535681	2062665	1797549	719236.5	798931.3	469648.9	473592.2	1012825	430622.1	1481507	1089172	1636536	1115015	2062665	2053506
G3I8R5	2	2	4.573603	0.000141	3.389371	37C	31C	GTPase-ac	545884.4	557566.1	247097.9	159180.7	402352.7	262925.9	1055004	1192454	1639497	1439785	1032442	1012726	805306.8	791677.5	255000.6	151947.1	406576.4	114184.2	752143.7	712432.2	852266.7	633116.5	1032442	1156930
G3GYJ5	3	3	7.4879	6.30E-06	3.408333	37C	31C	Cytoskelet	349305.7	309401.6	312937.8	206008.2	303981	176552.6	1060227	623100.1	1174922	975213.5	839062.9	979127.4	515307.4	439313.4	322946.3	196646.6	307172	76673.73	755867.3	372271.6	610765	428830.6	839062.9	1118547
G3HCB0	1	1	2.175814	0.001403	3.412848	37C	31C	PC4 and SF	2080268	2051631	1580638	1858979	386285.7	535622.5	4395089	3931137	6037401	6589097	4040896	3993140	3068880	2913072	1631190	1774501	390340.7	232611.5	3133389	2348661	3138448	2897423	4040896	4561732
G3GVG0	1	1	2.284355	8.43E-05	3.424725	37C	31C	Proteasom	503696	544232.1	280729.8	192241.8	514646.8	221652.1	1725671	1061801	1276819	1097027	1431161	1137805	743069.1	772744.8	289708.1	185305.7	520049.3	96259.63	1230282	634373.5	663734.5	482395.7	1431161	1299819
G3I1Z7	4	4	9.480438	1.56E-06	3.43374	37C	31C	Developme	753273.3	751453.8	576564	591954.4	743684.3	644692	1792410	2091123	3111313	3172943	1721089	2057675	1111254	1066975	595003.8	565054.1	751491	279978.5	1277862	1249343	1617368	1395238	1721089	2350671
G3IAX4	1	1	4.139691	0.000303	3.442522	37C	31C	Glutathion	159250	289458.6	560407.7	345535.2	377594.5	211618.2	1508392	921571.5	1314616	1094048	1304379	548787.2	234931	410996.8	578330.8	329833	381558.2	91902.1	1075378	550593.5	683382.8	481085.9	1304379	626930.2
G3GSG4	1	1	2.57936	0.002458	3.462807	37C	31C	Renin rece	155316.7	88339.15	180774.8	21572.73	108360.8	104067.1	337947.9	601232.7	226948.8	302685.8	328464.5	482740.5	229128.4	125431.1	186556.4	20592.4	109498.3	45194.52	240933.1	359206.9	117975.8	133100	328464.5	551479
G3ID08	5	5	12.51095	0.000175	3.479834	37C	31C	Putative pr	1041589	1029886	1040272	991000.5	1595966	1812564	3167724	3326570	6809738	7105183	2753617	2975167	1536586	1462315	1073543	945966.3	1612719	787164.9	2258364	1987461	3539936	3124362	2753617	3398808
G3GSL6	1	1	2.562136	0.001188	3.489691	37C	31C	UBX domai	1023879	811483.2	594550.6	486586.2	964212.6	944967.2	1624761	1834108	4348485	5494852	1468109	2069812	1510460	1152210	613565.7	464474.2	974334.2	410382.8	1158340	1095789	2260492	2416251	1468109	2364537
G3INX6	1	1	3.102598	0.000159	3.497204	37C	31C	Spliceosor	683859.5	974790.5	814450.9	1142686	1923615	1595894	2811552	3424774	5584156	6475157	2818035	3839912	1008852	1384086	840498.9	1090759	1943808	693069.2	2004439	2046134	2902836	2847321	2818035	4386686
G3IAY2	1	1	3.395797	0.001906	3.520464	37C	31C	UPF0557 p	206907.5	106603	48833.6	134354	221723.1	334276.9	670993.7	798795.9	276850.9	598646.2	473005	887693.6	305236.9	151363.6	50395.41	128248.6	224050.6	145170.6	478371.3	477241.2	143916.6	263242.7	473005	1014094
G3HH34	3	3	7.226659	0.000424	3.526792	37C	31C	Collagen a	448008.2	383204.3	165537.5	137839.6	689695.2	500020.9	1172411	1103409	1229319	1676288	1548627	1467289	660916.7	544104.5	170831.8	131575.8	696935.2	217150.4	835846.4	659232.4	639042.1	737113.9	1548627	1676220
G3HQZ8	1	1	2.318933	0.001444	3.539636	37C	31C	Cytoplasm	1187145	1108090	1067538	895816	3363328	3784785	4998660	5103973	10827863	10657530	4447917	4339631	1751316	1573356	1101680	855107.3	3398634	1643666	3563693	3049372	5628695	4686435	4447917	4957560
G3H375	1	1	2.100966	0.000472	3.543701	37C	31C	Eukaryotic	354183	197264.3	394735.1	183276.2	376469.5	188680.2	598698.8	513475	1572592	1519665	908314.9	892438.6	522502.6	280091.8	407359.6	174947.6	380421.5	81940.51	426830.1	306776	817487.5	668242.4	908314.9	1019515
G3H9Z3	4	4	9.634609	0.000484	3.5498	37C	31C	Putative de	175216.1	295639.8	85961.26	124906.9	236290.4	347660.3	511221.3	698747.9	907468.4	1247623	505681.6	622150.2	258484.6	419773.3	88710.5	119230.8	238770.8	150982.8	364464.8	417467.4	471733.3	548617.2	505681.6	710739.5
G3H5L5	1	1	1.964826	1.34E-05	3.561318	37C	31C	Non-specif	760255.7	661008.1	523408.2	575566.4	510229.9	269396.2	2679568	2014694	1917422	1597151	1912648	1630384	1121555	938552.7	540148	549410.9	515585.9	116994.1	1910343	1203681	996741.8	702315.1	1912648	1862538
G3I7X1	1	1	2.200018	0.000912	3.56927	37C	31C	Flotillin-2	337734.2	147433.1	301618	173807.4	198318.2	58680.56	904217.5	563206.4	1202603	569329.9	621658.1	484897.5	498236.7	209337.5	311264.5	165909.1	200400	25483.95	646643.4	336488.1	625154.4	250351.4	621658.1	553943.1
G3GT82	1	1	2.677714	0.001521	3.579609	37C	31C	Prolyl 3-hy	133243.8	302346.8	785813.9	900433.3	823069.1	897874	2008537	2164857	3118328	2788781	1712689	1962463	196565.6	429296.5	810946	859514.8	831709.1	389931.1	1431946	1293395	1621014	1226311	1712689	2241902
G3HR96	3	3	10.89817	0.049013	3.615926	37C	31C	Bleomycin	705192.9	703535.2	667719.2	489614.6	1532544	1885813	1434328	878304.8	10183690	5453189	2599293	1090408	1040324	998936.2	689074.4	467364.9	1548631	818975.6	1022575	524743.8	5293832	2397930	2599293	1245674
G3HED4	1	1	2.107955	0.015041	3.617441	37C	31C	Transmem	150460.1	469985.9	361023.2	733387.3	348469.2	362680.3	817680.7	839959.3	2810894	3136208	468323.2	702867.5	221963.8	667323.9	372569.6	700059.8	352127.3	157505.8	582948.8	501834.3	1461199	1379085	468323.2	802950.3
G3GS39	2	2	4.314001	0.004833	3.637863	37C	31C	Spermine	493459.2	395593.5	334633.6	372746.7	307364.4	413312.9	694663.1	858958.2	4008837	1446909	780225.4	639738	727967.5	561695.6	345336	355807.9	310590.9	179494.6	495245.9	513185.2	2083931	636249.1	780225.4	730831.7
G3HVB6	1	1	2.843633	0.013884	3.796265	37C	31C	Clustered	123819.2	364162.8	371323.5	454974.7	292691.2	90470.93	480001.3	571885.8	2742050	1576829	389642	683533.8	182662.2	517067.7	383199.2	434299.2	295763.7	39289.95	342207.2	341673.5	1425412	693378.9	389642	780863.6
G3GRD8	1	1	6.332253	0.014801	3.796977	37C	31C	Isoleucyl-t	656929.8	548281.5	377544.4	349369.3	570864.8	157472.2	1414873	1124345	3786883	2603209	385279.3	787122.5	969124.7	778494.5	389619.2	333492.8	576857.4	68387.42	1008705	671740.7	1968552	1144709	385279.3	899202.5
G3HXX8	3	3	7.166973	0.033038	3.803153	37C	31C	Delta-1-py	180520.6	123625.1	181589.2	134859.1	255762.6	131251.5	452512.7	418595.3	1253978	1398353	149094.3	159555.3	266310	175532.9	187396.8	128730.7	258447.5	57000.26	322609.7	250090	651860.7	614897.6	149094.3	182274.7
G3H5M8	1	1	2.169181	0.031485	3.806576	37C	31C	HEAT repe	145211.9	148464.5	238102.8	114759.7	304680.3	216044.9	310097.4	421099.6	1099504	2141148	195993.6	275436.4	214221.4	210801.9	245717.8	109544.6	307878.7	93824.56	221077.6	251586.2	571560	941527	195993.6	314656.4
G3IC16	1	1	2.657101	0.003337	3.817376	37C	31C	Cysteine-ri	802062.7	571995.3	593474.6	257571.9	1221321	1045589	1755506	1463799	5964254	4587471	1740134	1636546	1183230	812165.2	612455.2	245867	1234142	454081.2	1251552	874548	3100424	2017248	1740134	1869577
G3I2K6	2	2	4.08389	1.63E-06	3.980964	37C	31C	HPCAL1		260008.8	306017.3	196596.4	198331.8	429977.8	230886.2	981321.2	1014612	1357172	1270385	859245.1	973665.3	383573.7	434508.2	202884	189319	434491.4	100269.9	699613	606180.5	705504.8	558626.3	859245.1	1112308
C4PFX6	1	1	2.661893	0.009659	4.033696	37C	31C	Caspase 3	0	30450.36	46196.68	0	0	0	18118.43	18686.96	45742.16	51707.71	68253.45	106662.2	0	43235.88	47674.16	0	0	0	12917.16	11164.53	23778.35	22737.43	68253.45	121850
G3GYM0	2	2	5.403798	0.000113	4.067252	37C	31C	Nuclear po	436861.4	241111.1	274348.7	226756.9	507827.7	402786.4	1104142	846714.4	2636791	1823016	1053524	1035116	644472.5	342349	283123	216452.3	513158.6	174923.1	787175.7	505870.1	1370695	801634.8	1053524	1182508
G3GUM5	3	3	9.148568	0.000612	4.08321	37C	31C	Condensin	430119.4	296145.8	290910	184508.3	518546	190639.2	848346	932908.9	2159762	2273944	614513.1	973003	634526.5	420491.7	300214	176123.7	523989.4	82791.28	604811	557367	1122719	999921.5	614513.1	1111551
G3HQR7	1	1	2.206094	0.011142	4.176083	37C	31C	60S riboso	0	0	0	14100.81	0	95018	8572.194	9249.39	44571.87	124284.2	43126.57	225885	0	0	0	13460.02	0	41264.67	6111.371	5526.054	23169.99	54651.48	43126.57	258049.2
G3I4B7	1	1	2.712262	0.013543	4.189878	37C	31C	Something	224382.9	191836.1	82869.39	43941.33	186674	81924.94	111402.9	302426	1260927	912266.5	368496.3	445107.4	331017.1	272384.4	85519.75	41944.5	188633.6	35578.58	79422.46	180684.6	655473	401150.9	368496.3	508487.2

G3I132	1	1	2.190636	0.022502	4.226609	37C	31C	Acetoacety	0	0	0	0	0	131610.1	38892.85	0	330041.2	51987.11	112277.3	23066.02	0	0	0	0	0	57155.99	27727.86	0	171566.7	22860.29	112277.3	26350.44
G3H4D2	2	2	6.792967	8.59E-05	4.232011	37C	31C	Glycosyltra	227408.5	312834.6	187548.2	289991.7	456653.1	234840.4	855076.3	592715.5	2132835	1498395	1150043	1004613	335480.7	444187.9	193546.4	276813.6	461446.8	101987.1	609609.2	354118.3	1108721	658889	1150043	1147662
G3H3P1	1	1	2.156367	0.020869	4.254585	37C	31C	RAB18 | RA	14465.91	63994.99	354579.4	334990.3	414336.8	386868.8	951536.5	619471.7	2450449	1678690	589742.5	386558.9	21340.59	90865.27	365919.6	319767.3	418686.3	168010.4	678378.6	370103.8	1273828	738170.3	589742.5	441601.9
G3HCW3	2	2	5.19457	0.000174	4.263574	37C	31C	ATPase ASI	173814	160470.4	366758.2	204803.5	418800.9	451105.5	1094312	963292.5	2183162	1693901	790249.9	846134.9	256416.2	227848.9	378488	195496.6	423197.2	195907.3	780167.2	575519.8	1134883	744859.2	790249.9	966617.8
G3IIX9	1	1	2.216584	0.005261	4.283107	37C	31C	Ragulator c	273007.1	294989.3	167645.7	73231.73	489992.1	274860.6	447336.2	504365	1759227	2547471	645905.9	836134.8	402749.1	418849.7	173007.4	69903.85	495135.8	119367.2	318919.3	301333.2	914506.7	1120199	645905.9	955193.8
G3H7F9	1	1	2.960834	8.13E-05	4.388942	37C	31C	Sialic acid	297336.4	322580.1	604758	254247.7	469488.4	306209.7	1735139	879293.4	3136039	1663148	1441231	1040545	438640.5	458025.3	624099.5	242693.8	474416.8	132981.6	1237032	525334.4	1630221	731336	1441231	1188711
G3IK39	1	1	2.975758	0.037345	4.399871	37C	31C	RNA 3'-terr	164264.2	85959.41	139755.2	20517.48	92286.74	108020.1	129391.8	119706.4	1278822	759948.2	230670.6	168915.7	242328	122052.1	144224.9	19585.1	93255.5	46911.24	92247.24	71518.64	664775.6	334172	230670.6	192967.9
G3HLY0	1	1	2.068503	4.61E-05	4.416251	37C	31C	Tubulin gar	245577.7	317303.4	111128.5	213216.2	282362.3	283377.8	918266.1	747441.1	1664989	1546331	761979.8	777655.3	362284.4	450533.1	114682.6	203527	285326.4	123066	654659.1	446559.2	865518.7	679968	761979.8	888387.3
G3H7F1	2	2	5.016345	4.24E-06	4.491277	37C	31C	Nuclear ca	107231.2	146881.8	179202.6	171251.1	161772.8	128668.1	467906.2	429109	1128684	723479.6	689086	581461.7	158191	208554.7	184933.9	163468.9	163470.9	55878.31	333584.2	256371.5	586728.9	318135.6	689086	664257.3
G3H0A7	1	1	3.116897	0.00163	4.492112	37C	31C	Eukaryotic	97389.1	77617.89	320511.8	77066.35	531016.5	199235	1058239	323095	1429953	1032579	1202393	806230.7	143671.6	110208.2	330762.5	73564.21	536590.8	86524.3	754449.9	193033.3	743338.7	454055.8	1202393	921031.6
G3HW96	1	1	1.929794	0.034608	4.509371	37C	31C	G-protein c	194936.7	163073.9	116036.4	18613.56	577417.5	286779.7	467237	229752.9	2790560	1735826	557622.4	337576.9	287577.1	231545.5	119747.5	17767.7	583478.9	124543.4	333107.1	137266	1450629	763294.7	557622.4	385645.2
G3I245	1	1	2.46533	0.043937	4.515691	37C	31C	Integrin-lin	135926.8	167221.6	103962.5	35467.63	554499.1	397744.3	312324.5	221730.3	2840708	2111171	368320.4	444330.5	200523.8	237434.8	107287.4	33855.87	560319.9	172733.4	222665.4	132472.9	1476698	928345.2	368320.4	507599.7
G3HTY6	1	1	2.138595	0.010763	4.542311	37C	31C	NADH dehy	48344.93	26634.07	146038.7	135142.2	34278.7	8532.569	380274.2	319346.1	546056.7	354187.1	153033.9	59352.96	71320.05	37817.21	150709.3	129000.9	34638.53	3705.546	271108.7	190793.6	283859.1	155746.7	153033.9	67804.36
G3HTU8	1	1	2.164969	1.55E-06	4.560618	37C	31C	Galactokin	474821.7	728720	631168.2	837174.2	358584.1	370655.1	2777247	3007616	2580377	2794916	2110208	2240863	700472.8	1034696	651354.4	799130.4	362348.3	160969.1	1979982	1796902	1341368	1229008	2110208	2559944
G3HKB0	1	1	2.273212	3.66E-05	4.581508	37C	31C	Peptidyl-pr	129693.1	113414.7	136378.4	162211.6	84439.73	44814.45	511766.7	369724.2	689337.7	697569.8	434618.8	370954.6	191327.5	161035.4	140740.1	154840.2	85326.13	19462.14	364853.6	220892	358341.4	306742.3	434618.8	423775.6
G3H283	2	2	6.26132	0.001749	4.620878	37C	31C	Uncharact	218407.7	165114.5	192369.5	185588.2	289966.2	119877.6	454640.7	369615.4	1918988	1511334	373639.8	784327	322202.4	234443	198521.9	177154.5	293010.1	52060.74	324126.8	220827	997555.9	664578.7	373639.8	896009
G3IGI6	1	1	2.255396	0.030126	4.640049	37C	31C	Cytosolic p	225370.9	103793.8	112069.4	79863.27	67579.27	116865.4	336501.9	86877.87	1525057	867548.9	297812.4	159951.3	332474.6	147374.9	115653.6	76234.03	68288.68	50752.63	239902.1	51905.24	792777.3	381487.3	297812.4	182727.1
G3HH07	1	1	2.831035	0.000119	4.683438	37C	31C	Pre-mRNA-	184746.6	125619	104739.4	140283.8	56662.5	417203.1	636858.8	779599.1	657869.2	1037805	718554.6	989762.3	272544.3	178364	108089.2	133908.8	57257.31	181184.1	454035.5	465772	341983	456353.8	718554.6	1130697
G3ILG6	1	1	3.205825	0.041267	4.732729	37C	31C	Inorganic p	423875	266859	177747.3	268484.7	485571.9	374273.4	644084.1	417003.5	5136588	2370751	438958.6	442982.4	625314.5	378908	183432	256283.9	490669.2	162540.4	459186.6	249139	2670175	1042490	438958.6	506059.7
G3H7M2	2	2	5.690169	0.001884	4.752598	37C	31C	DNA ligase	18114.87	147184.4	160956.4	146451.4	148705	60324.99	441345.4	341391.3	641710.2	1062199	294875.3	458501.2	26723.66	208984.4	166104.1	139796.2	150266	26198.09	314648.2	203964.5	333583	467080.8	294875.3	523788.1
G3IK27	1	1	2.037786	0.02446	4.775503	37C	31C	Syntaxin-bi	0	8623.491	0	55669.06	77889.7	0	113834.4	122014.8	214935.4	39191.88	111342	77673.31	0	12244.33	0	53139.29	78707.33	0	81155.93	72897.82	111730.8	17233.84	111342	88733.38
G3I230	1	1	3.079361	0.046822	4.792997	37C	31C	Oligoribonu	198443.1	276767.5	178754.2	170412.8	920285.7	1555689	628941.3	473873.8	7933139	4754913	1355733	671982.7	292749.9	392976.9	184471.2	162668.7	929946.3	675608.9	448390.9	283116.2	4123919	2090878	1355733	767667.7
G3H8H7	3	3	7.397519	0.028105	4.86818	37C	31C	DnaJ homo	121041	108755.5	89393.32	69912	586650.7	272083.9	312541.4	248803.8	3099794	1685303	412549.9	315699.8	178563.7	154419.9	92252.32	66734.97	592809	118161.3	222820	148648	1611380	741078.3	412549.9	360652.9
G3H6D0	1	1	2.460841	2.73E-05	4.895259	37C	31C	Ribonuclec	241199.2	268809.6	552670.8	315172.9	532439.5	422925.2	2280573	2905789	1126819	1093668	1815555	2199297	355825	381677.6	570346.4	300850.4	538028.7	183669.1	1625888	1736066	585759.4	480918.6	1815555	2512459
G3H9D1	3	3	7.892563	4.45E-05	4.948328	37C	31C	Acetyl-CoA	328475.9	313859.5	232823.1	123660.9	407386.8	299475	1032828	950472.1	2073234	2255361	1027841	1100534	484578.6	445643.1	240269.3	118041.3	411663.3	130056.8	736333.9	567860.2	1077738	991749.9	1027841	1257242
G3I6C1	1	1	2.685391	4.24E-07	4.948539	37C	31C	Integrin alp	55951.38	79250.79	111163.4	73154.52	47587.54	88218.9	442284.6	357264.9	349574.2	441839.2	370490	291748.2	82541.35	112526.7	114718.6	69830.15	48087.09	38311.93	315317.8	213448.1	181720.7	194289.9	370490	333290.8
G3IA32	1	1	2.598874	0.027906	4.959687	37C	31C	COP9 signa	0	0	33867.17	0	22350.25	41666.26	83385.11	34861.77	71963.6	53140.14	110729.4	131392.4	0	0	34950.32	0	22584.87	18094.93	59447.72	20828.19	37409.15	23367.31	110729.4	150101.7
G3HLU1	3	3	7.984547	1.20E-06	4.980389	37C	31C	Ubiquitin-c	402268.4	512419.9	654690.1	388917.5	933573.4	829264.3	2717016	2503904	3118996	3191358	3380953	3620465	593439.8	727575.2	675628.5	371243.8	943373.5	360135.1	1937041	1495959	1621361	1403336	3380953	4135991
G3H465	1	1	2.323442	0.000402	5.006415	37C	31C	Cartilage ir	192736.3	131511	339501.5	266830.2	146297.5	100980.1	801190.8	784538.7	1559654	1800237	533563.5	417654	284331	186729.9	350359.5	254704.6	147833.2	43853.91	571192.7	468723.2	810762	791617.9	533563.5	477124.7
G3HRJ7	4	4	10.46693	1.58E-07	5.021308	37C	31C	Catenin de	360089.4	445544.9	300871	299554.4	280572.3	230755.4	1647623	1342277	2258313	1700405	1255760	1423414	531215.8	632620.7	310493.6	285941.7	283517.6	100213.1	1174639	801944.4	1173949	747719.2	1255760	1626097
G3HDE8	3	3	7.44783	5.47E-08	5.039581	37C	31C	Phosphoer	272786.6	335008.7	343003.7	340458.3	325289.1	261821.7	1759639	1658119	1763557	2017353	1137017	1130502	402423.9	475672.5	353973.7	324986.8	328703.8	113704.6	1254499	990644.4	916757.4	887090.7	1137017	1291476
G3IGX9	1	1	3.476487	0.00627	5.09654	37C	31C	Sterol-4-al	504110.3	275848.3	425572	105690.6	297558.3	208391.6	1745997	463418	4203260	1480741	907268.5	460601.1	743680.3	391671.8	439182.8	100887.6	300681.8	90500.84	1244773	276869.4	2184999	651126.1	907268.5	526187.1
G3H3H9	1	1	2.321876	6.19E-06	5.204689	37C	31C	Aminopept	370395	357800.3	139252.4	245217.8	468691.3	505207.5	1776467	1470903	1882892	1871068	1826651	2031938	546419.1	508033.8	143706	234074.3	473611.3	219402.8	1266496	878791.9	978792.1	822764.5	1826651	2321270
G3HT32	1	1	2.5503	0.002209	5.254971	37C	31C	CUL2 | CUI	217541.7	67784.44	177761.6	70181.51	523872.1	241782.4	565736.3	537730.2	1938436	2415244	671382.2	697278.5	320924.8	96245.82	183446.9	66992.24	529371.4	105001.9	403330.1	321267.3	1007666	1062055	671382.2	796565.5
G3H8H1	1	1	2.202716	0.000318	5.396991	37C	31C	Nucleopori	756347.5	584346	335272.2	173461	108474.1	81251.47	1915180	1581799	1980174	1657746	2058183	1812204	1115789	829701.8	345995	165578.4	109612.8	35286.1	1365389	945046.8	1029363	728960.7	2058183	2070248
G3I5N5	18	18	54.945	6.17E-05	5.459815	37C	31C	DNA topois	1031806	1037610	1061627	1022285	2080713	2744289	5262361	6135283	12860901	13750084	5287543	5723847	1522154	1473282	1095580	975829.4	2102555	1191797	3751693	3665529	6685538	6046324	5287543	6538878
G3HLM0	1	1	2.119016	0.011241	5.492778	37C	31C	DCAKD | D	145872.8	135774.8	98590.13	45808.24	1327948	1348860	991470.6	1118314	6615419	6052355	1060414	1205318	215196.4	192784.1	101743.3	43726.57	1341888	585786.5	706848.7	668137.2	3438922	2661402	1060414	1376946
G3ICU8	1	1	2.86353	0.011151	5.710851	37C	31C	Caseinolyt	29190.61	55396.19	32641.08	23780.24	381360.9	12560.25	353310.1	67411.19	1383163	834165.7	234649.2	182202.4	43062.96	78655.99	33685.02	22699.59	385364.2	5454.698	251885.3	40274.86	719015.4	366807.7	234649.2	208146.6
G3HHK4	2	2	5.086251	0.003666	5.776252	37C	31C	Phosducin-	42097.36	53763.25	54556.5	50373.6	132065.9	71325.9	172838.9	128717.2	1261919	370055.8	264232.5	136896.3	62103.43	76337.41	56301.34	48084.46	133452.3	30975.6	123222	76902.2	655989.1	162724.6	264232.5	156389.3
G3I319	1	1	2.200459	0.009416	5.890406	37C	31C	AP-2 comp	0	0	0	14213.74	53512.1	0	18739.4	10013.68	239387.1	56008.23	59514.3	15270	0	0	0	13567.82	54073.84	0	13359.87	5982.678	124441.6	24628.5	59514.3	17444.32
G3I3B3	1	1	3.031959	0.000274	5.911868	37C	31C	Nuclear po	137135.9	27116.51	91819.41	50136.42	92342.19	25837.6	478348.8	264856	689135.7	537119.8	344020.7	195444.8	202307.5	38502.22	94756	47858.06	93311.54	11220.82	341029	158238.4	358236.4	236187.7	344020.7	223274.6
G3ILQ1	3	3	15.20602	0.031124	6.016336	37C	31C	Thyroid rec	741220.8	774046	242176.7	218778.3	3283095	4349572	2903125	1543309	32415044	14722152	4145800	2080878	1093474	1099053	249922	208836.3	3317559	1888944	2069724	922050.8	16850454	6473771	4145800	2377179
G3HZP7	1	1	2.065167	0.022907	6.17978	37C	31C	DNA prima	10485.08	9976.943	6509.179	16373.94	209013.6	145258.7	103904.7	123232.6	1046215	999264.1	69522.98	115048.2	15467.94	14166.07	6717.357	15629.86	211207.6	63083.31	74076.72	73625.4	543858.5	439406.4	69522.98	131430.2
G3H110	1	1	1.987476	0.008954	6.279064	37C	31C	Calcium-bi	41104.3	35284.15	59.26552	0	0	0	49974.13	49282.09	83994.8	178076	41536.79	77156.24	60638.43	50099.28	61.16097	0	0	0	35628.04	29443.62	43663.39	78305.34	41536.79	88142.69
G3H6D9	3	3	7.518848	0.00012	6.431608	37C	31C	DNA (cytos	150941.8	196820	120953	84941.65	282760.6	46720.01	781508.3	463455.9	1527387	1357647	906003.7	643988.8	222674.4	279460.9	124821.4	81081.63	285728.8	20289.69	557160.4	276892	793988.4	596998.2	906003.7	735687.7
G3H5Q3	1	1	2.764175	0.01042	6.578026	37C	31C	DNA mism	363927.7	209198	49068.34	31728.98	595235.7	811987.1	880595.1	855599.1	5620422	4457106	945245.1	799303.7	536878.3	297036.2	50637.66	30287.11	601484.1	352631.9	627802.3	511178.2	2921688	1959923	945245.1	913118.3
G3I7Z8	3	3	9.479079	0.000182	6.605551	37C	31C	Importin-7	107154.8	81222.38	89426.88	39248.55	251385	69337.44	574950	331192.7	1408105	914920.9	616340	367347.4	158078.4	115326.1	92286.96	37464.97	254023.9	30112.05	409898.8	197871.3	731981.5	402318.1	616340	419654.8
G3H2X3	1	1	3.468293	0.040762	6.69114	37C	31C	Golgi phos	290929	251302.3	142512.2	22399.74	1063826	1637419	1147800	877943.3	11009662	8408200	804929.1	557471.1	429188.1	356819.3	147070	21381.82	1074994	711102.6	818300.5	524527.8	5723201	3697338	804929.1	636850.6
G3HR05	1	1	3.441565	0.019539	6.708454	37C	31C	Condensin	652765.8	81577.72	261771.4	63466.93	724711.3	306073.6	1808312	397362.1	7820033	2523510	1043944	429969.2	962981.9	115830.7	270143.5	60582.79	732318.8	132922.4	1289199	237404.2	4065122	1109663	1043944	491193.5
G3HV49	1	1	2.744504	0.003238	6.868495	37C	31C	UPF0160 p	61865.47	76470.27	37806.56	8375.678	61687.45	20093.96	95511.61	175143.5	738997.8	502279.7	103138.9	214004.4	91266	108578.7	39015.7	7995.061	62335.01	8726.456	68093.05	104639.6	384156.5	220867.5	103138.9	244477
G3IFY8	1	1	2.544667	0.000145	6.937536	37C	31C	Ubiquitin-a	140636.6	70773.98	251996.5	112086.5	176585.6	34608.79	1112098	562389.6	1545442	1028846	748358.1	460541.7	207471.8	100490.6	260055.9	106992.9	178439.3	15030	792847.3	336000	803373.9	452414.5	748358.1	526119.3
G3HCM4	1	1	2.960975	0.022103	6.986725	37C	31C	CAAX pren	70611.39	304534.4	190779.8	226077.5	750433.4	555275.7	548717.9	641397.4	6725715	5418389	708079.9	613839.6	104168.3	432402.6	196881.4	215803.8	758311	241146.6	391197.2	383203.3	3496258	2382628	708079.9	701245.6
G3HR00	1	1	2.155185	4.68E-05	7.061053	37C	31C	NADH dehy	487322.4	581590.9	220009.7	205309.6	1057945	953952.3	3430088	3780189	5566393	5802740	3112420	3065137	718914.2	825789.7	227046.1	195979.7	1069051	414284.9	2445411	2258477	2893602	2551639	3112420	3501589
G3IAY3	1	1	2.037619	0.005209	7.169934	37C	31C	SEC23-inte	27605.62	33098.85	66870.25	62014.57	110070.3	177191.6	569750.2	223506.3	1878867	258786.9	379674.7	108406.5	40724.72	46996.43	69008.92	59196.43	111225.7	76951.23	406191.8	133534	976699.4	113796.3	379674.7	123842.7
G3IAU0	2	2	7.472949	0.003181	7.252144	37C	31C	Uncharact	82417.73	88915.93	78147.69	103214.1	127708.2	84642.02	224063.1	204276.5	2072633	1045453	324398.4	226968.5	121585.4	126250	80647.03	98523.72	129048.8	36758.56	159741.2	122045.1	1077426	459717	324398.4	259287.1
G3I3I0	2	2	5.231596	0.007642	7.434152	37C	31C	AP-2 comp	321893.2	86960.74	184799.4	27532.48	699597.4	211242.2	1231835	324588.8	5651359	2316100	1230305	635122	474867.6	123473.9	190709.7	26281.32	706941.3	91738.82	878211.8	193925.8	2937771	1018459	1230305	725558.4
G3I596	1	1	2.039031	8.02E-05	7.469822	37C	31C	Histidyl-tRI	233793.9	375616.6	148768.6	66733.62	432880.7	260612.7	1468233	1173550	2885128	3086144	1326974	1402195	344900.6	533330.9	153526.6	63701.04	437424.8	113179.6	1046747	701138.3	1499789	1357070	1326974	1601857
G3GRN0	1	1	3.168198	0.036384	7.556369	37C	31C	Transcripti	21685.03	0	0	0	419156.7	566482.3	161780.7	141988.1	4993798	2037336	211116.2	65692.73	31990.48	0	0	0	423556.7	246013.4	115338.3	84830.88	2595948	895877.9	211116.2	75046.86
G3I7I9	1	1	1.97616	0.035184	7.681197	37C	31C	Dolichyl-di	77066.94	0	21463.5	0	0	75363.26	48328.12	936758.3	160300.1	119537.6	18910.36	51877.37	113691.7	0	22149.96	0	0	32728.95	34454.55	559666.9	83329.49	52564.27	18910.36	59264.3
G3GWQ3	1	1	2.912309	0.043497	7.768493	37C	31C	Adenosine	0	26186.73	0	0	693872.9	502796.6	238510.9	53486.15	6238237	2395063	547182.2	27272.08	0	37182.03	0	0	701156.8	218355.8	170041.5	31955.34	3242850	1053181	547182.2	31155.41
G3HV48	1	1	2.283597	3.94E-08	7.769253	37C	31C	Aladin | AA	131152.3	147418.3	77945.3	78143.91	85933.97	81353.65	767775.6	881910.7	706146.3	917011.7	853736.3	550101.4	193480.2	209316.4	80438.17	74592.8	86836.05	35330.48	547370	526898.2	367079.1	403237.5	853736.3	628431.5
G3HJE0	2	2	6.337279	0.008221	7.832218	37C	31C	Mitochond	205204.6	180564	382366.7	200177.3	385813	212705.7	1106192	533588.3	7242119	2260077	796566.4	333220.9	302724.7	256379.4	394595.6	191080.6	389863	92374.38	788637.2	318792.7	3764702	993823.8	796566.4	380668.9
Q7L523	1	1	2.605642	0.024103	7.879979	37C	31C	Ras-relatec	32421.71	109334.7	73908.24	41162.05	731653.3	531724.3	491668.9	257176.4	6460475	3793475	536413.7	439968.7	47829.59	155242.2	76271.99	39291.52	739333.7	230918.6	350525.3	153650.2	3358377	1668105	536413.7	502616.8
G3HA69	3	3	6.732117	0.002223	7.929618	37C	31C	Nuclear po	30508.77	64938.81	54517.82	60978.96	124401.3	89720.73	271022.9	149072.6	1735097	763469.8	260521.5	191430.3	45007.56	92205.37	56261.42	58207.88	125707.2	38964.15	193220.2	89063.55	901963.3	335720.6	260521.5	218688.5
G3H9J8	1	1	2.126524	5.88E-05	7.950059	37C	31C	Exportin-T	103246.3	22992.38	29470.3	30314.8	53117.01	20495.55	424515.1	132983.5	479291.2	226099.2	490312.4	310923	152312.4	32646.44	30412.83	28937.2	53674.6	8900.862	302649.4	79451.11	249152.1	99422.61	490312.4	355196
G3HBS6	1	1	2.973211	0.015655	8.184031	37C	31C	39S riboso	19874.45	41442.2	18433.94	15559.24	313464.5	1005386	390164.5	414052.9	6023698	4049468	373272.2	322876.6	29319.45	58842.98	19023.5	14852.17	316755.1	436621.7	278159.9	247376.2	3131325	1780672	373272.2	368851.7
G3GX26	1	1	2.835007	0.000339	8.370812	37C	31C	Ras-relatec	108426.4	188320.2	83259.15	40375.11	313641.1	213263.2	812818.6	621593.9	3050396	1948055	735488.6	761193.5	159954.2	267392.3	85921.97	38540.34	316933.5	92616.48	579482.5	371371.7	1585701	856618	735488.6	869581.4
G3I638	1	1	1.909735	3.26E-05	8.45272	37C	31C	Eukaryotic	38261.2	61021.59	72279.5	73213.29	263618.2	199680	946513.6	799851.3	1391703	1375485	813744.7	657852.2	56444.2	86643.39	74591.16	69886.24	266385.5	86717.57	674797.6	477871.7	723455.2	604841.9	813744.7	751525.2
G3IBF4	1	1	2.031258	0.001211	8.550079	37C	31C	Serine prot	179643.9	165077.3	51173.73	68488.4	559758.3	349352.5	1233534	1182736	3881214	4033460	744175.1	668364.7	265016.6	234390.1	52810.39	65376.07	565634.3	151717.7	879422.9	706626.4	2017588	1773633	744175.1	763534.6
G3H7U2	1	1	1.921068	0.002703	8.643923	37C	31C	Structural r	268022.1	297566.9	193489.9	308021.8	193182.7	161994.8	2568810	2435443	3371880	3199740	428553.1	289636.8	395395.2	422509.5	199678.2	294024.3	195210.6	70351.51	1831381	1455057	1752819	1407021	428553.1	330878.8
G3IA10	2	2	4.059567	0.000222	8.955851	37C	31C	Heterogen	86092.72	107678.7	100088.8	134767.1	74307.09	87041.32	277007.6	352688.7	2401400	1174549	606001.1	472088.4	127006.8	152890.9	103289.9	128642.8	75087.12	37800.53	197486.9	210714.1	1248330	516484.3	606001.1	539310.1
G3GUZ0	1	1	2.012205	0.006221	8.985416	37C	31C	Charged m	0	0	39651.39	0	27880.07	0	30294.89	104675.8	171186.3	227325.8	24170.79	49144.67	0	0	40919.53	0	28172.74	0	21598.13	62538.61	88988.55	99961.96	24170.79	56142.49
G3HLX5	2	2	4.654609	0.000718	9.011058	37C	31C	Bifunctiona	67670.53	53219.42	29983.63	21643.45	29267.44	50489.65	306060.3	87628.28	1008498	512285.3	226829.4	131955.3	99829.81	75565.23	30942.57	20659.9	29574.68	21926.78	218199.5	52353.57	524252	225267.2	226829.4	150744.7
G3HTY0	1	1	1.928387	0.000117	9.234405	37C	31C	Ubiquitin-c	26424.43	50326.77	16057.95	83575.19	29118.64	15273.07	122978.7	321351.6	448737.5	623624	155948.6	366095.2	38982.2	71458.02	16571.52	79777.27	29424.31	6632.829	87675.13	191991.7	233269.2	274226.2	155948.6	418224.3
G3HCD3	1	1	2.001485	9.99E-05	9.618522	37C	31C	Phosphogly	60884.66	16072.78	170972.4	135448.3	97844.97	78049.6	739985	692327.2	1351410	1494996	553500.6	547158.6	89819.08	22821.43	176440.5	129293.1	98872.08	33895.58	527557.2	413631.3	702509.3	657394.5	553500.6	625069.7
G3HR69	1	1	3.583901	0.039235	10.00512	37C	31C	Serine/thre	0	0	0	11534.59	394073.6	942447.8	188740.1	20986.63	7894350	5001939	298954.1	82497.47	0	0	0	11010.42	398210.3	409288.7	134558.4	12538.48	4103755	2199502	298954.1	94244.47
G3HTH3	1	1	2.926373	0.038064	10.72186	37C	31C	Active brea	0	0	30923.23	0	308174.2	24393.39	374379.1	11179.69	2688212	714044.3	99343.6	10136.62	0	0	31912.23	0	311409.2	10593.63	266906	6679.313	1397425	313986.7	99343.6	11579.99
G3H8F4	1	1	2.197114	0.00015	11.20171	37C	31C	Dystroglyca	37631.45	61523.44	30210.01	11748.21	8088.596	16253.45	337923.6	129342.9	711009.5	318005.2	241499.5	115599.4	55515.17	87355.95	31176.2	11214.34	8173.505	7058.591	240915.7	77276.01	369607.2	139836.4	241499.5	132059.8

G3GSH2	1	1	3.060572	0.027023	11.65913	37C	31C	Putative ub	22465.93	0	0	0	33515.84	88311.44	210979.8	15764.41	1117061	129694.6	171652.4	37180.89	33142.49	0	0	0	33867.66	38352.12	150413.7	9418.455	580686.6	57030.6	171652.4	42475.16
G3IEL3	1	1	2.882454	0.023734	11.85117	37C	31C	MAD2L1 |M	138626.5	9170.855	19264.66	60172.53	162204.8	224364	651649.1	105416.9	4433322	1531973	454451.4	97477.29	204506.4	13021.52	19880.78	57438.1	163907.5	97437.39	464580	62981.4	2304593	673654.4	454451.4	111357.3
G3HRN5	1	1	3.108429	1.93E-05	12.21503	37C	31C	SPRY doma	80875.91	116700.4	28825.23	41545.21	50021.13	25456.74	978691.2	240946.5	1220859	677684.3	576891.1	499869.7	119310.8	165700.7	29747.13	39657.26	50546.22	11055.42	697738	143953.6	634644.4	297998.1	576891.1	571047.2
G3IEY6	1	1	3.674936	0.036782	12.29625	37C	31C	Tyrosyl-tRN	4187.848	5892.261	83746.71	1305.022	1101651	539669.6	966705.7	108290.8	14314786	3351561	2527831	82680.17	6178.052	8366.308	86425.13	1245.718	1113216	234369.1	689193.1	64698.42	7441318	1473782	2527831	94453.17
G3I7Q5	1	1	2.06547	0.040937	14.9634	37C	31C	Zinc finger	114731.3	0	65884.19	7966.324	57273.59	18708.83	542392.8	328065.7	1216144	1328618	320809.8	222750.8	169255.4	0	67991.31	7604.309	57874.81	8124.918	386687.9	196003.1	632193.2	584233	320809.8	254468.8
G3IP58	1	1	2.702779	0.012678	15.17286	37C	31C	ATPase fan	0	0	19761.15	0	115212.5	23337.53	196587.5	184113.5	724082.6	893122.8	123211.6	280915.4	0	0	20393.15	0	116422	10135.08	140153.1	109998.7	376403	392732.9	123211.6	320915.5
G3GX21	1	1	3.041826	0.02265	15.78038	37C	31C	Nuclear po	0	0	0	0	140263.3	0	31077.49	0	1977931	125820.7	61576.8	17002.36	0	0	0	0	141735.7	0	22156.06	0	1028197	55327.15	61576.8	19423.36
G3HB02	1	1	2.485146	0.034781	18.0398	37C	31C	Nucleolar p	89881.41	0	27865.27	11623.33	118928.3	40672.18	523187.5	455908.1	1565723	1679992	524983.3	463176.1	132596.1	0	28756.46	11095.13	120176.8	17663.22	372995.9	272382.6	813916.4	738742.9	524983.3	529128.7
G3GXD5	1	1	2.570588	0.026905	19.91412	37C	31C	COP9 signa	23336.35	7310.381	0	7687.015	35674.41	34820.53	230460.7	147030.1	744371.5	519231	285795.5	240338.8	34426.56	10379.87	0	7337.692	36048.9	15121.95	164302.3	87843.21	386949.9	228321.4	285795.5	274561.2
G3HDC9	1	1	2.181467	0.044344	21.67094	37C	31C	Pumilio do	18640.75	12545.82	16038.79	15777.72	70608.56	0	49258.72	133592.6	1390057	941342.9	170214	211023.5	27499.45	17813.57	16551.74	15060.73	71349.76	0	35118	79814.98	722599.6	413936.7	170214	241071.5
G3HC35	1	1	2.096623	0.002632	23.75992	37C	31C	28S riboso	9306.564	8538.004	0	0	0	0	128553.2	22717.32	141270.1	76717.95	21958.3	32768.64	13729.35	12122.95	0	0	0	0	91649.4	13572.48	73437.04	33735.18	21958.3	37434.64
G3HBM4	1	1	2.047324	0.002538	25.12656	37C	31C	Calcium-bi	17062.81	18981.14	32122.62	8772.237	29429.41	45021.14	208860.4	183939.4	1689207	1583407	65020.27	73458.92	25171.63	26950.95	33149.97	8373.599	29738.34	19551.9	148902.8	109894.7	878107.9	696271.6	65020.27	83918.89
G3I054	1	1	2.280457	0.019983	33.19631	37C	31C	Proteasom	19243.72	0	9956.724	9775.548	72291	76314.1	616365	764068.2	2201520	2067742	295224.7	282080.7	28388.98	0	10275.16	9331.316	73049.86	33141.89	439424.8	456493.1	1144426	909247.9	295224.7	322246.8
G3H137	2	2	4.724448	0.000202	40.78854	37C	31C	CLIP-assoc	36269.64	15835.21	22756.46	8763.228	9952.598	14928.58	182649.3	107229	2542175	1135230	302728.7	155778.1	53506.18	22484.12	23484.26	8364.999	10057.07	6483.222	130216.1	64064.05	1321510	499194.5	302728.7	177959.7
G3I0R8	1	1	2.237769	0.013948	59.36254	37C	31C	Actin-bindi	0	0	0	0	55910.28	0	106256.8	0	2652784	255045.3	286660.4	18229.35	0	0	0	0	56497.19	0	75753.64	0	1379009	112151.1	286660.4	20825.07
G3HGS2	1	1	6.369876	0.004033	125.0715	37C	31C	Propionyl-(	58763.34	8888.502	80949.1	53902.96	174993	70094.82	7485621	8157361	21362249	18708992	123319	143421.6	86689.64	12620.61	83538.04	51453.44	176830	30440.96	5336721	4873621	11104831	8226904	123319	163843.8
G3H1N0	1	1	2.05929	0.000727	Infinity	37C	31C	Synaptojar	0	0	0	0	0	0	92635.65	0	307428.6	18034.82	40809.99	5794.605	0	0	0	0	0	0	66042.7	0	159811.9	7930.449	40809.99	6619.711
G3GX34	1	1	3.477133	0.017685	Infinity	37C	31C	ER membr	0	0	0	0	0	0	383.8847	0	910431.5	189400.7	4335.598	0	0	0	0	0	0	0	273.6828	0	473273.6	83285.15	4335.598	0
G3HSX7	1	1	2.640429	0.010871	Infinity	37C	31C	Calcium-tr	0	0	0	0	0	0	66729.68	90247.66	1385359	528665.1	0	0	0	0	0	0	0	0	47573.57	53918.52	720157.1	232469.9	0	0

										Normalized abundance										Raw abundance									
										31C					37C					31C					37C				
Accession	Peptide co	Unique pe	Confidenc	Anova (p)	Max fold ch	Highest me	Lowest me	Description	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_:	DP12_D7_37_C_
G3GW11	2	2	10.77099	0.702386	1.044441	31C	37C	Non-specif	2361196	3159005	2722819	3888361	3255891	2542045	2366480	2586388	2995134	2956009	2877309	3385104	3871683	5129870	5417723	60581.2	5578418	2738942	2543354	2586388	4860670	4413387	4589794	4561888
G3H8K1	1	1	3.199725	0.013142	1.500582	31C	37C	Acyl-protei	1288066	1531629	1213848	1356495	1477234	1049857	1089799	1454330	672884.2	715849.7	598092.5	745084.9	2112058	2487194	2415252	21134.38	2530991	1131175	1171252	1454330	1091994	1068779	954058.7	1004103
G3I5T3	1	1	3.080828	0.00331	1.501241	31C	37C	Putative AT	864411.2	902921.1	1058458	1300977	1405013	1064169	628512.3	567670.4	824863.5	687558.1	837634.7	847426	1417386	1466243	2106065	20269.4	2407252	1146595	675488.2	567670.4	1338634	1026539	1336169	1142022
G3H5N7	1	1	2.126977	0.000203	1.502235	31C	37C	28S riboso	649559.1	639544.5	516812.8	649383.3	592045	504869.9	343669.2	324463.8	417905.8	392791.5	430358.6	455431.7	1065090	1038549	1028327	10117.48	1014369	543975.1	369355.5	324463.8	678200.8	586446.4	686494.7	613756.1
G3GYJ1	1	1	3.320411	0.004346	1.50225	31C	37C	Rho GTPas	2974056	2753518	2191613	3987428	3148985	2437262	2154304	1692832	2023337	1514585	1865711	2393676	4876599	4471405	4360758	62124.67	5395253	2626043	2315320	1692832	3283584	2261308	2976125	3225804
G3I346	1	1	2.638488	0.048155	1.505239	31C	37C	U4/U6 sma	409257.8	509620.2	370478.4	261501.1	425870.9	389911.2	118762.5	164252.5	311067.7	275272.7	268529.1	434383.5	671065.4	827566.1	737158.5	4074.223	729657.7	420112.2	127639	164252.5	504818	410988.2	428349.4	585390.8
G3GWQ1	6	6	16.76235	0.006184	1.506404	31C	37C	Vinculin |V	2516682	2993972	2331568	3333705	2997992	3307752	1378503	1430521	2216794	2136806	1715655	2726626	4126636	4861876	4639233	51939.59	5136552	3563958	1481534	1430521	3597536	3190298	2736759	3674499
G3IBK9	2	2	5.36746	0.000364	1.508325	31C	37C	Rab GDP d	20541522	26363795	20094951	24252222	27736886	25350629	16660274	17446115	13624038	14544322	14101326	19319504	33682202	42811851	39983882	377853	47522456	27314189	17905486	17446115	22109848	21714994	22494000	26035658
G3I1S5	2	2	4.609753	0.02776	1.508587	31C	37C	Glyceralde	3.38E+08	3.44E+08	3.98E+08	2.28E+08	2.31E+08	2.51E+08	2.63E+08	3.05E+08	1.32E+08	1.39E+08	1.85E+08	1.64E+08	5.54E+08	5.59E+08	7.93E+08	3557177	3.96E+08	2.71E+08	2.82E+08	3.05E+08	2.14E+08	2.07E+08	2.95E+08	2.2E+08
G3HNY5	1	1	3.333017	0.000905	1.513955	31C	37C	Phosphogl	42715450	42286773	42388973	28146752	48262122	45774524	25185078	26095092	30220270	29793387	24461662	29093946	70041081	68668985	84343359	438530.3	82688971	49320037	27067447	26095092	49043140	44482185	39020490	39208048
G3IKN5	1	1	2.912806	0.017893	1.515876	31C	37C	Glutathion	2664841	2833089	2387250	3606693	4239728	4853774	1725931	1752389	2651526	2622104	2212658	2615244	4369575	4600619	4750025	56192.78	7264056	5229728	1854930	1752389	4303045	3914859	3529563	3524397
G3H605	1	1	2.475009	0.004873	1.522066	31C	37C	Heterogen	3620534	4798193	3447392	3925460	5504293	5555637	2642503	2962021	2581326	2895919	2419600	4140114	5936637	7791728	6859439	61159.2	9430674	5985955	2840007	2962021	4189119	4323672	3859672	5579367
G3GXU1	4	4	12.31067	0.008236	1.523561	31C	37C	Protein phc	7804558	8808090	7278824	4511226	8879870	8967159	4138588	4178168	5396523	5535566	5457333	5650148	12797235	14303352	14483023	70285.53	15214153	9661719	4447912	4178168	8757778	8264722	8705370	7614343
G3GR73	3	3	11.12835	4.66E-05	1.535943	31C	37C	Rab GDP d	14083726	14500387	12787143	11098632	16293845	14863494	9670796	8923385	8515537	8140395	9427989	9768721	23093269	23547005	25443188	172918.2	27916743	16014762	10393605	8923385	13819489	12153790	15039238	13164679
G3HLD0	1	1	2.077122	0.006088	1.536683	31C	37C	Lactoylglut	3210083	3417351	3762299	2096873	3693547	3670300	2742623	2749362	1971377	1903403	1752530	1798437	5263615	5549395	7486026	32669.58	6328267	3954587	2947610	2749362	3199260	2841822	2795581	2423638
G3GW53	1	1	2.027479	0.019166	1.538994	31C	37C	Epithelial c	2159319	2107191	2430539	4042040	2695562	2316580	2398227	2372150	1386300	1131883	1530856	1415340	3540664	3421843	4836159	62975.53	4618389	2496013	2577474	2372150	2249765	1689927	2441975	1907363
G3HF56	1	1	2.246005	0.017738	1.540301	31C	37C	Calponin |	1534971	1467528	1725475	2538630	1389632	1751509	1668445	1550792	791580.7	812323	1074685	859127.6	2516911	2383101	3433260	39552.21	2380899	1887173	1793147	1550792	1284621	1212816	1714304	1157791
G3I6I1	2	2	6.245242	0.002168	1.540815	31C	37C	26S protea	3076853	3465181	3043756	2191411	2348691	2422743	2264347	2028460	1557787	1477264	1927898	1484423	5045156	5627067	6056306	34142.48	4024085	2610399	2433588	2028460	2528064	2205588	3075324	2000462
G3HZ42	1	1	2.565617	0.000512	1.541128	31C	37C	T-complex	2232760	2340786	2440480	1459960	2083681	1843819	1303814	1270570	1344258	1256004	1542873	1329502	3661086	3801175	4855940	22746.38	3570035	1986634	1401262	1270570	2181538	1875242	2461143	1791684
G3H6Z4	2	2	4.026399	0.018197	1.541217	31C	37C	Alpha-1,4 g	4271236	4107000	3911054	9515141	5156962	5045957	3193105	3550838	3624583	3690232	3280418	3428412	7003601	6669309	7782010	148247.2	8835581	5436797	3431762	3550838	5882175	5509598	5232822	4620251
G3HRF0	1	1	2.713497	0.000897	1.541764	31C	37C	Polyadenyl	2975801	3045553	2985476	4485667	3425604	3653584	2565549	2672711	2246455	2106065	1724386	2027790	4879459	4945637	5940343	69887.3	5869192	3936577	2757302	2672711	3645672	3144401	2750688	2732723
G3HHH5	1	1	3.85745	0.021296	1.54785	31C	37C	Voltage-de	1258714	1438610	1394985	1644647	1050448	945642.4	428136.4	607767.4	944690.7	1061799	853029.2	1100569	2063930	2336142	2775668	25623.83	1799765	1018888	460135.9	607767.4	1533097	1585289	1360726	1483166
G3IM70	1	1	2.253105	0.022761	1.549015	31C	37C	Ubiquitin-a	2216278	2934403	2913411	1809126	2431772	2014257	2494601	2316826	1071722	1022871	1128343	1209733	3634059	4765143	5796953	28186.43	4166429	2170273	2681051	2316826	1739251	1527169	1799898	1630279
G3HB55	1	1	2.16994	0.007855	1.553178	31C	37C	GTP-bindin	4077764	4319383	4296640	7603432	3907032	4124154	3502662	3272889	2284252	2537129	3719015	2923054	6686362	7014194	8549230	118462.5	6694037	4443595	3764456	3272889	3707011	3787989	5932458	3939212
G3HNG2	1	1	3.403708	0.0257	1.556426	31C	37C	Acyl-coenz	1592212	1516089	1429420	3166035	1272252	1810214	944386.4	1103194	882941.2	1239610	1161363	1598628	2610771	2461960	2844186	49327.27	2179788	1950426	1014971	1103194	1432886	1850766	1852571	2154369
G3I1P0	1	1	3.68678	0.04849	1.558688	31C	37C	Isochorism	360925.2	469420.6	321495.8	765981.7	329716.6	481357.2	384815.3	422621.5	209216.6	206643.2	183563.8	343904.5	591813.7	762286.5	639695.4	11934.1	564913.5	518641.2	413577	422621.5	339528.4	308522.8	292815.3	463458
G3H160	1	1	2.537129	0.000702	1.564075	31C	37C	Putative AT	899578.7	936394.4	839609.6	617404.3	763985.8	756573.7	396561.5	449291.2	571685.9	603617.8	467390	589020.4	1475051	1520600	1670611	9619.244	1308960	815174.9	426201.1	449291.2	927763.7	901214.8	745566.1	793785.1
G3H945	4	4	13.65262	5.83E-05	1.564607	31C	37C	Eukaryotic	8342481	9301587	8201097	6099045	7939401	8036869	4988345	4863827	5084083	4761066	6007251	4923229	13679274	15104736	16318114	95023.97	13602818	8659373	5361180	4863827	8250733	7108376	9582582	6634721
G3IAG0	1	1	2.088757	0.001646	1.567267	31C	37C	Xaa-Pro am	2622237	3502157	2676452	3360816	3853541	3026833	2491093	2297717	2072867	2121910	1369553	1796694	4299716	5687111	5325464	52361.98	6602390	3261279	2677281	2297717	3363964	3168059	2184669	2421290
G3I531	1	1	2.725757	0.033734	1.568078	31C	37C	Ran GTPas	1331384	1461854	1502163	981227.3	979743.6	1131078	1376100	1296301	453526.3	488253.3	473248.3	623720	2183088	2373886	2988925	15287.66	1678625	1218687	1478952	1296301	736007.7	728973	754911	840547.4
D0UZH9	4	4	14.6365	3.27E-05	1.574702	31C	37C	Adenylosuc	4578699	4357758	4190025	4139614	4345561	4803014	2759112	2303152	2825944	2835011	2481885	3569286	7507752	7076512	8337092	64495.76	7445382	5175036	2965332	2303152	4586100	4232733	3959027	4810098
G3IF62	1	1	3.415257	0.011907	1.578615	31C	37C	Ras GTPas	2011322	2407891	1987142	4300408	2875894	3141576	1584508	1433713	1778450	1638573	1732932	2426070	3297991	3910145	3953911	67000.95	4927358	3384911	1702936	1433713	2886168	2446425	2764320	3269460
G3HR61	1	1	2.497351	0.032049	1.579257	31C	37C	60S riboso	800945.3	840565.2	810003.9	827783.6	1369567	1740967	506640.8	469429.4	797999.2	841516.2	591482.2	839032.8	1313321	1364984	1611703	12896.98	2346521	1875815	544507.8	469429.4	1295038	1256402	943514.3	1130711
G3GY31	1	1	2.970903	7.22E-06	1.579385	31C	37C	Cleavage a	2522274	2329996	2243335	2361189	2859124	2141446	1598960	1299288	1555368	1529343	1657202	1513629	4135806	3783652	4463671	36787.65	4898625	2307313	1718468	1299288	2524138	2283342	2643518	2039821
G3I098	1	1	1.951177	0.031947	1.581362	31C	37C	Protein WV	288113.9	383431.7	233963.3	408436.8	327944.6	293063.5	307194.3	317125.4	174962.4	187123.9	87341.92	149851.6	472424.2	622650.2	465527.9	6363.502	561877.5	315763	330154.5	317125.4	283938.8	279380.1	139325.1	201945.4
G3I2N4	3	3	8.316786	0.007767	1.584194	31C	37C	Lamina-as	3076812	3629672	3245513	2375630	4562257	5156188	2692041	2887524	1985137	2130999	1945892	2274678	5045089	5894181	6457751	37012.64	7816655	5555566	2893248	2887524	3221592	3181628	3104027	3065437
G3HV39	2	2	5.122323	0.000461	1.58456	31C	37C	Poly(RC)-b	9328116	10274039	8914315	13940393	7991226	8148675	5916924	5727361	6046352	6384270	6223404	6681511	15295433	16683890	17737237	217193.2	13691612	8779839	6359163	5727361	9812357	9531856	9927383	9004244
G3HIL4	1	1	3.611195	0.002185	1.584586	31C	37C	Anamorsin	3822557	4767604	3674250	3633558	2701857	3098679	2548432	2669885	1724676	1898172	2082429	2769887	6267896	7742055	7310829	56611.33	4629174	3338691	2738905	2669885	2798900	2834013	3321827	3732800
G3HR12	1	1	4.748621	0.029959	1.58956	31C	37C	Guanine nu	1572615	1835110	1185189	2091320	846551.7	1788365	794130.2	896232	710073.4	815704.9	1588294	1058288	2578637	2980014	2358226	32583.05	1450423	1926885	853484.6	896232	1152347	1217865	2533598	1426186
G3HTV3	1	1	2.746227	0.003876	1.594309	31C	37C	Tripartite n	286400.2	386915	237123.2	210297.4	200751.5	223225.4	134863.8	167053.8	172858.1	147671.4	208231.6	138213.2	469614.1	628306.7	471815.4	3276.462	343953.7	240515.5	144943.7	167053.8	280523.8	220476.7	332164.6	186261.1
G3HQP3	1	1	2.414248	0.019513	1.597377	31C	37C	General tra	287051.8	348903.4	320472.3	285732.4	667269.5	409113.5	258179.5	161857.9	240081.9	232022.6	241853.8	317473	470682.6	566580	637659	4451.75	1143253	440801.8	277476.2	161857.9	389618.3	346414.9	385797.7	427838
G3I5B0	1	1	2.033321	0.002113	1.599003	31C	37C	Carnitine C	849732.2	911591.2	797289.8	678962	1104917	1150110	461101.2	441839.5	726790.2	659199.6	585901.6	560185	1393317	1480322	1586406	10578.32	1893089	1239193	495564.6	441839.5	1179476	984199.5	934612.2	754925.5
G3HPZ5	1	1	2.965879	0.038471	1.60366	31C	37C	Macrophag	6042544	5923002	6227505	10401924	3260912	4091765	4489098	4131171	3118527	3586037	3111894	3979272	9908038	9618292	12391163	162063.4	5587020	4408697	4824620	4131171	5060919	5354033	4963997	5362610
G3I5L3	6	6	18.52371	0.010132	1.603694	31C	37C	Annexin |A	54834008	65306154	84066901	1.1E+08	66249984	60484273	57676184	64575125	33566632	35527166	41312696	42534802	89912039	1.06E+08	1.67E+08	1719789	1.14E+08	65169146	61986983	64575125	54473803	53042843	65900740	57321429
G3H0B9	3	3	8.947769	0.000113	1.606568	31C	37C	WD repeat	3910971	4526271	4292888	4766245	3239955	3121477	2613504	2577363	2330415	2321826	2393649	2613416	6412870	7350158	8541765	74258.75	5551113	3363255	2808841	2577363	3781927	3466538	3818275	3521933
G3HQ86	1	1	2.68646	3.43E-05	1.616146	31C	37C	BH3-intera	1411218	1273086	1366740	1494878	1429118	1309423	939014.7	836165.8	907444.7	743786.2	1030197	669453.1	2313993	2067349	2719467	23290.41	2448552	1410846	1009198	836165.8	1472652	1110489	1643339	902179.1
V5QSN9	2	2	5.960373	5.63E-05	1.61642	31C	37C	Adenylosuc	1931073	1913983	1868067	2122334	1640793	1433123	1195742	1053192	1062413	992479.8	1334274	1110994	3166406	3108093	3716983	33066.26	2811222	1544127	1285114	1053192	1724143	1481794	2128393	1497215
G3GXH4	1	1	2.366639	0.007786	1.616841	31C	37C	Cell divisio	2069352	2661343	1940830	3583293	2790204	2940072	2213468	2180737	1405888	1553625	1055544	1477358	3393143	4321723	3861762	55828.2	4780542	3167799	2378906	2180737	2281553	2319597	1683771	1990940
G3H196	1	1	2.852085	0.008879	1.621694	31C	37C	NOP16 | N	3633902.9	350568.2	364309.4	797672.7	472181.8	441379.8	325938.8	246008.2	272368.4	245469	326424.9	304222.7	596696.4	569283.5	724883.8	12427.85	809003.5	475567.3	350299.9	246008.2	442014.7	366490.7	520703	409981.5
G3GRE1	3	3	8.68728	0.010171	1.622902	31C	37C	Bifunctiona	4773697	6283462	4424223	10912195	5705162	5412558	3925641	4343146	3790528	3914093	3079926	4060380	7827494	10203638	8803088	170013.5	9774828	5831793	4219049	4343146	6151480	5843827	4913003	5471914
G3I0V9	2	2	4.047936	0.001923	1.663215	31C	37C	Liprin-beta	241269.1	214876.1	228986.4	140600.7	233091.4	240210.2	167644.3	146756	138042.2	131427.2	101454.1	95714.23	395612.2	348934.8	455625.2	2190.579	393362.7	258816	180174.3	146756	224022.6	196223.7	161836.5	128987.9
G3IA32	3	3	7.243611	0.000281	1.663721	31C	37C	COP9 signa	655020.9	649202.4	524775.4	833420.7	513267.6	488220.6	416720.2	390113.9	358915.9	342376.3	324216.7	369893.8	1074046	1054232	1044171	12984.81	879397.1	526036.2	447866.5	390113.9	582468.7	511175.4	517180.4	498482.3
G3HYJ9	1	1	9.305228	7.48E-05	1.669963	31C	37C	Moesin |M	6190150	7036761	5644168	8505515	5627989	6013711	3369133	3409579	4160600	4089296	3969052	4367099	10150070	11426913	11230470	132517.1	9642606	6479509	3620947	3409579	6752054	6105409	6331309	5885260
G3HGP6	1	1	3.192777	0.00213	1.672136	31C	37C	T-complex	8099538	8441094	8369678	12786047	6304450	6453759	5470583	5285639	4382017	4136070	6157952	4741453	13280918	13707391	16653547	199208.4	10801608	6953642	5879462	5285639	7111382	6175244	9822976	6389753
G3GXD5	1	1	3.479745	0.015362	1.677541	31C	37C	COP9 signa	720388.9	720229.1	741748.9	408535.4	1189489	948406.7	439631.3	334919.4	550800.1	451794.3	482429.2	559313.3	1181231	1169571	1475893	6365.038	2037989	1021867	472490	334919.4	893869.1	674538.8	769556.3	753750.7
G3GWL7	2	2	5.569751	0.000116	1.677995	31C	37C	Ribosomal	2128068	2388668	1956389	2837738	2738657	2632220	1306404	1152485	1503134	1474176	1563097	1750278	3489421	3878930	3892721	44212.35	4692224	2836101	1404046	1152485	2439369	2200978	2493405	2358737
G3IHH6	1	1	2.484056	0.007645	1.683071	31C	37C	Fumaryla	6399143	6634427	6043951	11322059	5620336	8900425	5218814	5410052	2921843	3576450	3859764	5702592	10492757	10773567	12025937	176399.2	9629493	9589816	5608875	5410052	4741730	5339718	6156977	7685019
G3HAZ8	1	1	2.855758	0.002129	1.68405	31C	37C	Ligatin |Eif	296746.8	401230.6	335755.3	411963.9	343331	315876.9	255095.4	298143	125579.1	188724.8	206347.8	176015.8	486579.6	651553.6	668068.4	6418.454	588239.4	340343.5	274161.5	298143	203796.8	281770.2	329159.6	237205.2
G3ILH7	3	3	8.396298	7.45E-07	1.687093	31C	37C	26S protea	1394187	1308516	1332121	1405920	1121811	1197859	730700.3	720401.7	769944.3	733238	757885.1	887703.7	2286066	2124883	2650585	21904.43	1922033	1290641	785313.8	720401.7	1249509	1094741	1208955	1196301
G3IN18	1	1	4.338615	0.032219	1.689335	31C	37C	60S riboso	7223433	8562536	6621712	18130896	6949434	5369471	5016801	5041597	5865513	5413139	4456125	5495761	11844358	13904600	13175535	282481.9	11906678	5785369	5391764	5041597	9518881	8081936	7108273	7406285
G3HUM5	2	2	5.615785	1.69E-06	1.689824	31C	37C	SUMO-acti	1410677	1414549	1300401	1556097	1534876	1430728	826520.4	698324.1	920494.7	827388.3	880650	963918.2	2313106	2297069	2587469	24244.21	2629749	1541546	888295.7	698324.1	1493830	1235309	1404786	1299011
G3I4B7	1	1	2.392622	0.015436	1.690515	31C	37C	Something	424676	477611.9	341579.3	656419.1	714891.5	420059.4	254056	159757	451186.8	331851.1	255383	343217.6	696346.7	775588.3	679656.5	10227.1	1224845	452595.5	273044.5	159757	732211	495461.1	407379.1	462532.4
G3GRX2	3	3	7.177467	4.01E-08	1.694397	31C	37C	Ubiquitin c	1101303	1035498	1047353	1001463	1149842	1023999	624637.7	571613	678302.9	663957.6	637737.7	576978.5	1805821	1681533	2083968	15602.93	1970059	1103314	671324	571613	1100788	991303.3	1017299	777557
G3HSF3	1	1	7.594357	0.012017	1.696009	31C	37C	Proteasom	16517051	15237677	14590681	38487053	18342299	20904038	12500137	10985988	11896445	11743088	10856298	15177315	27083224	24744281	29031774	599633.6	31426423	22523182	13434415	10985988	19306215	17532690	17317632	20453495
G3H0N2	1	1	3.028668	0.000573	1.69654	31C	37C	Bcl-2-asso	1507575	1718072	1385179	2081532	1803819	2272543	808250.7	1021979	975923.3	993116.5	1164310	1383879	2471990	2789957	2756158	32430.55	3090539	2448565	868660.5	1021979	1583783	1482745	1857272	1864966
G3INF7	1	1	2.266131	0.008967	1.697641	31C	37C	Glutathion	3939613	4699381	4185775	9544553	6160321	6522315	2799304	2832239	3562215	3833828	3348060	4271798	6459835	7631269	8328636	148705.5	10554667	7027507	3008528	2832239	5780960	5723989	5340723	5756829
G3HJ91	1	1	3.159146	0.025631	1.700806	31C	37C	Peptidyl-tR	298829	458749.4	314995.8	491868.8	243836	228477.1	106768.7	165222.1	132516.8	251116	322711.8	219188.8	489993.8	744957.7	626762.2	7663.384	417771.7	246174.1	114748.7	165222.1	215055.7	374921.7	514779.9	295386.7
G3GR93	1	1	3.056361	0.031903	1.701295	31C	37C	Nucleolar (	1092673	978161.8	951328.3	2012300	668298.9	1156710	828105.8	1053202	449866.7	442458.5	456724.2	801556.5	1791670	1588425	1892903	31351.92	1145017	1246305	889999.6	1053202	730068.8	660600.3	728552.4	1080206

G3IGH6	1	1	2.570001	0.008134	1.703411	31C	37C	Transcripti	451995.8	531082.5	523062.3	691186.2	372355.5	430385.4	461316.3	373075.8	251037.3	161664.2	242970.2	271148.4	741143.5	862418.6	1040762	10768.78	637968	463721.4	495795.7	373075.8	407397.3	241368.2	387578.6	365409.4
G3I0M2	2	2	8.038931	0.010183	1.705164	31C	37C	Platelet-ac	10836897	11429149	12332855	22957654	11573554	10544750	7606640	8000398	5657818	5239014	9409450	10812297	17769402	18559658	24539268	357683.4	19829324	11361505	8175171	8000398	9181822	7821964	15009665	14571041
G3HRJ2	3	3	8.461663	1.12E-06	1.705863	31C	37C	182 kDa ta	1513995	1689861	1384916	1912137	1532583	1498389	989156.7	867221.4	981754.9	948281.2	908797.8	892506.5	2482517	2744146	2755633	29791.36	2625822	1614448	1063088	867221.4	1593247	1415805	1449686	1202774
G3HRN7	1	1	2.591485	0.047259	1.707096	31C	37C	Protein tim	16514.76	29312.14	23181.92	42754.66	51583.7	30626.58	26154.37	20079.99	16263.69	27435.76	9514.218	14179.89	27079.46	47599.64	46126.17	666.1235	88379.94	32998.79	28109.18	20079.99	26393.63	40962.19	15176.79	19109.32
G3IKP7	1	1	3.249884	0.046167	1.715237	31C	37C	Putative RI	1173005	1100660	902279.7	3400742	1432124	1495024	884263.6	825970.4	1075202	915347.7	844481.2	995563.7	1923391	1787348	1795309	52984.03	2453703	1610823	950354.7	825970.4	1744898	1366634	1347090	1341657
G3GSH8	1	1	2.925465	0.013076	1.717651	31C	37C	Peripheral	516361.5	560461.7	465012.8	1159042	592530.3	616488.8	552296.7	399048.3	314859.7	257614	307950.7	444535.6	846684.8	910127.1	925258.1	18058.03	1015200	664239.5	593576.2	399048.3	510971.8	384623.4	491233.5	599072.2
G3GZB1	3	3	14.24117	0.000397	1.719461	31C	37C	Eukaryotic	1593762	1808637	1721975	2887638	2414094	1951387	1114840	1182874	1343206	1199333	1035604	1322616	2613313	2937023	3426296	44989.8	4136141	2102534	1198165	1182874	2179829	1790630	1651964	1782405
G3HBD3	1	1	2.200531	0.035264	1.721832	31C	37C	Nucleoside	965549.2	979620.8	428726	882435.2	500113	410531.7	532616.7	473129.2	437691	425951	246598.8	304095.7	1583224	1590795	853056.5	13748.46	856859	442329.8	572425.2	473129.2	710309.3	635954.3	393366.8	409810.3
G3I1J6	1	1	4.398838	0.030292	1.727902	31C	37C	[Protein AD	5125146	5669397	4906439	15221327	9044022	8493406	4294894	3711899	5147093	4870208	5023975	4997353	8403770	9206466	9762576	237150.4	15495400	9151272	4615900	3711899	8352989	7271328	8014090	6734612
G3HGF9	1	1	2.028039	0.036324	1.727903	31C	37C	Protein tra	292607	323456.9	332124.5	158659.9	373412	192300.8	282066.4	197989.2	205945	101006.6	106017.5	74946.77	479791.5	525257.9	660843.9	2471.944	639778.2	207195.6	303148.4	197989.2	334219.1	150805.1	169115.9	101001
G3GVA8	1	1	2.748463	0.02337	1.731054	31C	37C	Aminoacyl	2823186	3964965	2557956	8083718	4368752	4378162	1927474	2190898	2778830	2720070	2289278	3215299	4629216	6438659	5089687	125945.4	7485116	4717278	2071536	2190898	4509641	4061125	3651786	4333053
G3H487	1	1	2.603152	0.040254	1.732164	31C	37C	Regulator c	44038.34	45075.32	58875.53	67753.96	75663.76	24588.51	45239.83	20979.44	35835.98	27584.09	37513.08	15275.72	72210.25	73197.28	117147.5	1055.616	129637	26493.04	48621.12	20979.44	58156.63	41183.65	59839.71	20586.11
G3HG83	1	1	2.911107	0.005122	1.736359	31C	37C	T-complex	2170346	2762854	1808113	3787072	2101848	1704738	1532793	1820606	1214677	1198089	1008648	1480953	3558745	4486566	3597689	59003.1	3601161	1836780	1647356	1820606	1971245	1788773	1608964	1995786
G3I3F3	1	1	2.231983	0.002912	1.736551	31C	37C	Ribonuclea	1775926	2179036	1835390	2363270	1621370	2399593	831078.5	812863.7	1921950	1343648	943203.8	1158040	2912009	3538510	3651962	36820.08	2777942	2585456	893194.5	812863.7	3119047	2006096	1504570	1560617
G3IDF9	1	1	3.499771	0.005424	1.7416	31C	37C	Cytochrom	789122.2	974569.1	760315.7	836795.3	507885.8	533240.8	274958.2	292070.1	478493.8	441188.1	509704.3	531105.4	1293934	1582591	1512836	13037.39	870176.3	574543.5	295508.9	292070.1	776526.4	658703.6	813064.6	715736.8
G3I518	1	1	2.71387	0.000519	1.741732	31C	37C	Elongation	2433011	2573121	2322848	3710074	2956338	2888690	1214417	1215003	1831961	1760713	1679728	1992023	3989440	4178461	4621882	57803.47	5065184	3112437	1305184	1215003	2973008	2628784	2679451	2684522
G3HHV6	2	2	5.410739	2.73E-05	1.7423	31C	37C	Protein FAI	1392699	1405262	1128570	1675082	1226159	1121324	652075.4	689622.4	771452.5	795316.5	796500.5	857449.1	2283626	2281988	2245570	26098	2100816	1208178	700812.4	689622.4	1251956	1187425	1270553	1155529
G3H6T5	2	2	4.248903	0.000587	1.743209	31C	37C	Hexokinase	1466202	1301440	1649643	1892510	1222300	1438425	1154653	1019020	671561.6	632009.2	831626.9	837110.4	2404151	2113393	3282374	29485.57	2094203	1549840	1240953	1019020	1089848	943603.7	1326586	1128120
G3H170	1	1	3.542407	0.00095	1.74811	31C	37C	Drebrin | D	2021057	2151465	1843207	3066969	1965104	2536964	1059888	1101042	1281490	1195668	1993389	1139640	3313953	3493738	3667516	47783.81	3366873	2733467	1139106	1101042	2079673	1785159	3179792	1535820
G3GZ94	2	2	5.090839	0.000375	1.749383	31C	37C	Filamin-C |	832594.9	981329.8	798761.9	1500747	833186.1	813866.5	576082.3	525278.5	532785.8	549019.2	587729.6	521971.5	1365217	1593570	1589335	23381.85	1427523	876905.3	619139.5	525278.5	864634.5	819697.7	937528.1	703427.6
G3H0Q0	1	1	1.908962	0.012923	1.750722	31C	37C	40S riboso	118811.7	184359.8	159008.7	342545	200526.7	197597.6	101754.4	153614.2	84670.68	152593.6	88269.32	106157.1	194817	299379.7	316387.2	5336.899	343568.5	212902.8	109359.7	153614.2	137408.3	227825.6	140804.5	143061.1
G3ICH9	1	1	5.359984	0.001887	1.7521	31C	37C	Ataxin-10 |	3569323	4483286	4741453	2787326	5986319	4835133	2658312	2532245	2387493	2124442	2042846	3323918	5852665	7280354	9434296	43426.93	10256543	5209644	2856997	2532245	3874557	3171839	3258685	4479432
G3H9G4	2	2	5.868777	0.000148	1.755222	31C	37C	ATP-bindin	2715794	2782177	2659583	2095460	3051924	2879311	1204326	1159660	1715093	1623604	1646466	1871482	4453123	4517945	5291899	32647.56	5228955	3102331	1294339	1159660	2783348	2424076	2626392	2522076
P62256	1	1	2.450105	0.000872	1.756126	31C	37C	Ubiquitin-c	576266.3	529447.8	527583.4	867759.8	461215.3	473281.3	416610.1	340167.2	303763	248797.5	349255.1	297732.3	944911.3	859764	1049758	13519.82	790214.2	509939.8	447748.2	340167.2	492963.5	371460.1	557121	401234.7
G3HC95	1	1	3.877066	0.03743	1.75816	31C	37C	tRNA (Cyto	30163.92	28010.05	29586.99	15708.61	16722.7	11069.97	8243.562	7766.915	12093.34	16351.51	9417.912	20785.65	49460.18	45485.18	58870.65	244.7423	28651.52	11927.4	8859.697	7766.915	19625.75	24413.16	15023.16	28011.48
G3ICK8	1	1	2.555098	0.038274	1.7587	31C	37C	DnaJ-like s	385240.2	318311	159105.7	167969.5	365746.2	420589.2	123672.6	120432.2	113197.4	201035	203278.7	271512.1	631683.3	516901.4	316580.3	2616.987	626644.1	453166.4	132916	120432.2	183703	300149.6	324264	365899.5
G3I403	1	1	2.57958	1.80E-05	1.761172	31C	37C	Serine/thre	6411965	6212704	5578897	8545137	6626997	6308583	3574599	3119427	4021551	3578023	4222882	4016405	10513783	10088737	11100598	133134.4	11354237	6797221	3841770	3119427	6526397	5342067	6736212	5412652
G3H2N7	1	1	2.199502	0.031659	1.761428	31C	37C	CLIP-assoc	360572.9	382802.9	388326.6	1016782	390389.9	379906	362100.2	334940.6	297423.5	287209.7	153592.7	221786.8	591236.2	621629	772671.9	15841.61	668866.9	409332	389164.1	334940.6	482675.5	428810.4	245006.3	298887.9
G3HKJ9	1	1	2.718002	0.032721	1.763073	31C	37C	WD repeat	318180.2	315990.3	270545.3	288760	590757.4	459418.4	89698.63	100405.3	303725.6	237043.5	229565.8	312141.2	521724.3	513132.9	538317	4498.92	1012163	495003.2	96402.83	100405.3	492902.9	353911.2	366196.2	420652.7
G3H229	3	3	6.619552	2.89E-06	1.764009	31C	37C	GMP synth	929878.4	1000515	1153034	1253934	1213266	1039505	615756.4	558745.3	615575.2	569369.5	695743.7	680693.3	1524734	1624725	2294246	19536.46	2078725	1120021	661779	558745.3	998989.7	850081.2	1109829	917326.7
G3HTY0	1	1	2.214985	0.02056	1.764775	31C	37C	Ubiquitin-c	646467.3	865364.5	637213.9	1928845	1004581	972990.6	595228.9	710216.9	575053.1	546129.3	386391.8	618275.2	1060021	1405255	1267895	30051.68	1721179	1048355	639717.1	710216.9	933228.2	815383	616360.4	833209.9
G3IHR8	2	2	7.456514	6.35E-06	1.770608	31C	37C	Adenosylh	3648606	3689317	3497323	2899003	3063256	3009932	1898140	1663352	1786569	1655781	2323163	1859796	5982667	5991037	6958790	45166.86	5248370	3243069	2040010	1663352	2899344	2472117	3705838	2506327
G3H5T7	2	2	8.471618	0.007357	1.772438	31C	37C	Chromobo	777523.1	919722.3	676414.3	710879.1	764086.4	915358.5	247093.4	251014	395012.5	422432.1	824017.3	548245.1	1274915	1493526	1345894	11075.59	1309133	986258.6	265561.5	251014	641048.3	630700.5	1314447	738834.8
G3HMY0	1	1	1.97297	0.046804	1.772742	31C	37C	3-hydroxy-3	2196302	2281335	3323140	2223210	1426711	1147432	2202802	2387150	656905.1	525162.7	600204.8	734353.6	3601305	3704633	6612210	34637.92	2444427	1236307	2367442	2387150	1066062	784079.6	957428.3	989641.3
G3HRK0	2	2	10.76314	7.88E-05	1.773282	31C	37C	PA2G4 | PA	10554010	10700200	10759452	12024077	7699876	7179097	5628233	5301607	5669628	5244404	5489173	5891625	17305549	17375927	21408594	187336.8	13192433	7735161	6048895	5301607	9200989	7830011	8756160	7939765
G3HIU2	2	2	5.688951	0.002282	1.774893	31C	37C	Transportir	1614541	1836660	1545362	967204.9	1067576	1001627	689712.6	668707.4	743255.7	640835.2	712494.2	1070884	2647384	2982530	3074881	15069.19	1829110	1079209	741262.7	668707.4	1206197	956781.1	1136549	1443162
G3H7K5	2	2	5.921304	0.006577	1.776407	31C	37C	T-complex	3062222	3072530	3227385	7223614	3286216	2752099	1958154	1833408	2220629	2013676	2198121	2511872	5021165	4989445	6421682	112544.9	5630374	2965266	2104509	1833408	3603761	3006463	3506374	3385089
G3HCS8	1	1	3.185027	0.01821	1.779041	31C	37C	Nucleolar p	351373.7	252900.5	364107.5	259190.3	429173.4	176712	325331	210429.1	103494.2	112645.1	136838.7	141849.3	576152	410682.1	724482	4038.22	735315.9	190399.4	349646.7	210429.1	167956.2	168181.6	218281	191161.2
G3HVB6	1	1	2.795309	0.003248	1.782342	31C	37C	Clustered r	277513.6	260990.5	178632.4	263688.9	226797.9	175546	109834.9	160377	81263.8	116340.6	103717.9	204506.1	455042.7	423819.4	355433.4	4108.31	388579.8	189143.1	118044.1	160377	131879.4	173699.1	165447.6	275599.8
G3HYW3	4	4	10.8816	0.005429	1.782387	31C	37C	Cullin-4B (I	1367147	1665407	1385780	2409596	1087886	1502653	1107709	1258383	563925	655200.1	779765.9	919204.2	2241728	2704435	2757353	37541.83	1863908	1619042	1190501	1258383	915168.9	978228.2	1243859	1238753
G3HKG9	1	1	3.309078	0.00421	1.783609	31C	37C	60S acidic	3450289	3660569	3597898	2108863	5205952	4883358	1713915	1715226	2495160	2205783	2131296	2581638	5657484	5944355	7158909	32856.38	8919516	5261604	1842016	1715226	4049285	3293283	3399778	3479108
G3IPZ1	1	1	2.86704	0.039813	1.785264	31C	37C	ATP-depen	821347.4	908894.9	708885.5	340201	1189252	1231072	317141.3	383315.6	506794	637646.2	397286	670357.8	1346774	1475944	1410503	5300.378	2037583	1326426	340844.9	383315.6	822453.5	952019.8	633738.4	903398.3
G3HID7	1	1	2.193961	0.00011	1.789404	31C	37C	Pre-mRNA-	1382584	1345186	1209394	1031068	1555680	1126532	564647	605251.5	796319.9	633413.2	875265.3	800516.6	2267040	2184431	2406389	16064.19	2665395	1213789	606849.5	605251.5	1292312	945699.9	1396196	1078805
G3HC14	3	3	7.879498	0.00014	1.792649	31C	37C	Integrator c	311323.7	324682.2	336998.6	289079.8	384424.5	314463.6	144097.3	134482	209112	182263.4	175851.2	248090.6	510481.5	527247.6	670542.2	4503.902	658646.2	338820.7	154867.3	134482	339358.7	272123.2	280512.5	334335.8
G3GS47	1	1	2.511814	0.006603	1.794576	31C	37C	Glycosyltra	206875.7	247241.5	162017	360884.4	387186.7	345448.8	125850.4	148563.9	214330.7	167655.4	155810.1	140468	339216.8	401492.6	322372.9	5622.629	663378.8	372205.9	135256.6	148563.9	347827.8	250313.2	248543.5	189299.7
G3HT22	5	5	14.47499	0.175672	1.800626	31C	37C	Glycerol-3-	3824155	3772905	4062196	15439273	2857025	2925935	3548218	3455584	2470146	2586803	2958141	3242248	6270517	6126775	8082744	240546	4895028	3152566	3813417	3455584	4008690	3862155	4718735	4369370
G3HR00	1	1	2.087989	0.000612	1.80727	31C	37C	NADH dehy	2092897	2328030	1825842	2541816	1871617	1977119	1661773	1566982	916509.5	981468.4	945299.6	920461	3431751	3780459	3632965	39601.85	3206698	2130259	1785976	1566982	1487363	1465354	1507913	1240446
G3HDL6	2	2	5.940773	2.31E-05	1.810623	31C	37C	Elongation	14006685	14120081	14116570	16918667	12510814	13816905	7521205	7326904	7205807	6596579	10897012	7668143	22966944	22929431	28088411	263595.2	21435161	14887108	8083350	7326904	11693986	9848838	17382578	10333865
G3H1G7	1	1	2.533268	1.77E-05	1.816333	31C	37C	Pyridoxal p	2202069	2141747	2096471	1707878	1486995	1521519	1074047	922407.6	1010038	1006102	1074210	1055612	3610761	3477957	4171448	26608.97	2547714	1639370	1154323	922407.6	1639146	1502133	1713547	1422581
G3H7T9	6	6	16.08608	0.000191	1.818553	31C	37C	E3 ubiquiti	1194102	1243726	1150975	735142.8	1402205	1333306	708363.6	618699.2	693176.4	689195.9	570421.8	602053.1	1957984	2019672	2290150	11453.63	2402441	1436579	761307.7	618699.2	1124925	1028985	909919.2	811348.5
G3HKC5	1	1	2.599192	0.012651	1.819666	31C	37C	Splicing fac	15211736	15248789	14878630	36688997	12202293	12574814	8946527	8706501	9299807	9669689	10245838	11826608	24942881	24762327	29604719	571619.6	20906563	13548809	9615203	8706501	15092245	14437059	16343845	15937963
G3GVH4	1	1	2.086348	0.003182	1.820568	31C	37C	Developme	368126.2	361832.3	609614.3	850974.1	448548.7	527045.6	259680.2	367430.6	274642.1	255247.1	315786.5	266308.5	603621.3	587575.1	1212979	13258.29	768512.2	567868.4	279089.1	367430.6	445704.4	381089.6	503732.9	358887
G3GU64	1	1	3.247198	0.048447	1.822448	31C	37C	Heat shock	764856.3	1416744	534348.9	1042819	458588.6	452248.5	660292.2	340827.3	258665.8	253024.3	624749.6	424711.2	1254145	2300634	1063220	16247.26	785713.8	487277.9	709643.4	340827.3	419777.3	377770.9	996581.4	572356.1
G3HDD8	3	3	7.966304	0.032301	1.823007	31C	37C	Importin-4	1397110	1591189	1465630	4268763	1331318	1182746	1162633	1028082	910589.3	837274.8	1150548	1074730	2290860	2583913	2916235	66507.92	2280987	1274357	1249530	1028082	1477755	1250070	1835319	1448345
G3HJ15	1	1	4.027569	0.000109	1.8275	31C	37C	E3 SUMO-p	1555866	1587639	1414201	1707348	1100675	1076066	963946.3	750623.8	819715.7	712702.1	699077	673250.1	2551174	2578149	2813903	26600.72	1885820	1159414	1035993	750623.8	1330280	1064080	1115146	907296
G3H3G9	3	3	7.768257	0.001411	1.828588	31C	37C	Septin-9 | S	1688656	1553036	1520592	3035883	1429989	1347833	1079472	1100502	924824	951850	806287.4	920757.4	2768912	2521957	3025595	47299.47	2450044	1452230	1160153	1100502	1500856	1421133	1286165	1240846
G3HNP6	3	3	15.16631	0.000397	1.831322	31C	37C	26S protea	2457040	2708647	2178958	4722639	2905472	2876818	1610124	1565568	1561425	1650842	1571923	1786942	4028841	4398539	4335577	73579.36	4978034	3099645	1730466	1565568	2533968	2464744	2507483	2408148
G3IB32	1	1	2.442207	4.63E-06	1.833797	31C	37C	Twinfilin-1	2766205	2890347	2636033	3083664	2197493	2142311	1463603	1423917	1584222	1433408	1265344	1399731	4535783	4693600	5245040	48043.92	3765031	2308245	1572994	1423917	2570964	2140110	2018437	1886328
G3HGV7	1	1	2.571083	0.01797	1.835182	31C	37C	tRNA-splici	5761318	4012620	7624324	14314220	6344605	5702200	4860140	3309333	3012105	3709935	4499521	4453622	9446908	6516046	15170481	223017.5	10870407	6143870	5223393	3309333	4888211	5539015	7177498	6001861
G3GSH5	2	2	5.067448	0.000716	1.835219	31C	37C	ATP-depen	771454.8	612187.8	634736	527882	1062467	825209.3	387756.8	297882.1	483739.3	378639.8	444982	423025.5	1264965	994124.5	1262965	8224.474	1820358	889126.7	416738.3	297882.1	785039.2	565317.6	709821.6	570084.3
G3HKQ8	1	1	2.672209	0.028907	1.835224	31C	37C	Putative AT	1356198	1534628	1006580	3472590	1395104	1405930	598819.3	571831.9	893652.6	883004.4	1061690	1533121	2223776	2492064	2002839	54103.43	2390274	1514828	643575.9	571831.9	1450269	1318345	1693575	2066089
G3GVD0	9	9	43.00483	4.79E-05	1.838149	31C	37C	Actin, cyto	2.51E+08	2.63E+08	2.62E+08	3.27E+08	1.99E+08	1.87E+08	1.31E+08	1.33E+08	1.31E+08	1.26E+08	1.41E+08	1.5E+08	4.12E+08	4.28E+08	5.22E+08	5091550	3.42E+08	2.02E+08	1.4E+08	1.33E+08	2.12E+08	1.88E+08	2.25E+08	2.02E+08
G3IFV3	1	1	1.938186	0.048703	1.841554	31C	37C	Exportin-1	922380.2	990217.4	1002112	272568.4	871604.4	819056.9	721839.6	660301.2	396734.8	350287.9	257173.7	262480	1512439	1608002	1993950	4246.654	1493346	882497.9	775790.9	660301.2	643843.4	522987.5	410235.5	353727.5
G3GVW1	1	1	2.635684	0.000233	1.844984	31C	37C	Protein tra	852767.6	893893	794583.3	1062392	1017121	709967.8	575739.2	644599.5	446462.8	403742	345442.6	473320.1	1398294	1451582	1581020	16552.21	1742664	764959.1	618770.7	644599.5	724544.8	602795.7	551039.5	637863.2
G3I3C7	2	2	13.93459	0.000928	1.851367	31C	37C	Putative all	8712672	10039011	8281528	15524923	8364552	6865202	4630964	4598820	5682106	5126978	4701944	6472812	14286283	16302229	16478151	241880.4	14331242	7396953	4977089	4598820	9221238	7654691	7500397	8722994
G3HAP7	1	1	2.731482	0.025545	1.85822	31C	37C	Glutathion	8408960	7654346	9117636	19376263	6232470	5584703	5827054	5453949	4369750	3609685	7450802	3626599	13788281	12429801	18141795	301884.8	10678282	6017272	6262576	5453949	7091475	5389340	11885290	4887335
G3GTS6	1	1	4.104448	0.011978	1.85946	31C	37C	26S protea	5363354	5495187	4784927	14602996	5585465	5198472	3617384	3260918	3727929	3478562	4057834	3923140	8794362	8923569	9520798	227516.7	9569748	5601125	3887752	3260918	6049892	5193570	6472931	5286964
G3HTX6	1	1	2.749471	0.000789	1.864386	31C	37C	Phosphorib	753874.2	840399.2	914129.3	665035.8	620931	485431.6	477098.3	354560.6	256276.4	343721	418719.4	445179.8	1236137	1364714	1818887	10361.35	1063860	523031.2	512757.3	354560.6	415899.6	513183.1	667928.3	599940.3
G3IER2	1	1	3.208126	0.042926	1.864963	31C	37C	Cleavage a	181427	255606.1	93324.1	113885.3	248176.7	246813.7	36762.09	72220.29	91380.56	143695.7	114498.7	152303.4	297488.3	415075.7	185691.4	1774.349	425208.8	265930.9	39509.74	72220.29	148297.5	214540.9	182644.8	205249.5
G3HEC3	1	1	3.444786	0.002467	1.865221	31C	37C	Glomulin |	417478.8	381983	444136.4	658880.3	328125.8	331549.3	289217.3	319985.7	172114	168068	178594.4	245666.7	684545.4	620297.7	883719.4	10265.45	562188	357229.8	310833.8	319985.7	279316.2	250929.2	284888.3	331069.3
G3H3X1	2	2	4.976149	0.00135	1.866621	31C	37C	Apoptosis-	5017842	5366054	5424035	11209104	5344515	5345021	3520564	3134372	3071625	3003232	3511814	3958837	8227822	8713871	10792461	174639.4	9156921	5759025	3783696	3134372	4984804	4483892	5601937	5335071
G3HQL6	2	2	8.675688	0.000366	1.867385	31C	37C	Thioredoxi	22908838	23387982	23065239	35223861	17135538	16754306	12887884	12676333	12260308	10956413	12696699	12677268	37563921	37979465	45894005	548792.6	29358843	18052028	13851143	12676333	19896712	16358166	20253384	17084343
G3HN81	1	1	3.447608	0.017594	1.868316	31C	37C	Peptidyl-pr	2890811	3857652	2549641	6618467	2231154	2021057	1936986	1868521	1620206	1442876	1524134	2402444	4740101	6264394	5073142	103116.6	3822704	2177600	2081759	1868521	2629361	2154246	2431251	3237620
P55072	8	8	40.79379	0.002564	1.870084	31C	37C	Transitiona	24000542	24762875	23005066	47402332	17557467	19962329	13449260	12973499	13641708	13287558	15499348	14936635	39354002	40212137	45774277	738534.9	30081745	21508532	14454476	12973499	22138525	19838617	24724083	20129146
G3I150	1	1	2.144529	2.00E-05	1.871626	31C	37C	Pescadillo-	721197	726684.4	754845.5	678852	1027830	895364	470077.8	420694.6	516318.3	379035.4	408293.4	372745.1	1182556	1180054	1501952	10576.61	1761013	964715.3	505212.1	420694.6	837910.1	565908.3	651297.1	502324.7
G3ICE3	1	1	2.227574	0.043831	1.875638	31C	37C	COP9 signa	477758.1	577941.3	481546.5	175766.3	269141.8	355014.6	80588.17	127161.2	138640.4	242364	292089.9	365222.4	783386.2	938511.9	958156	2738.463	461128.9	382512.7	86611.44	127161.2	224993.3	361854.8	465932.9	492186.8
G3I9D3	2	2	10.07217	0.002141	1.87688	31C	37C	Proteasom	3252629	2725327	2674389	3336114	2069328	1522545	1611816	1029780	1306333	1122341	1800414	1430500	5333379	4425627	5321360	51977.11	3545442	1640476	1732286	1029780	2119990	1675680	2871965	1927794
G3HPJ9	1	1	2.107389	0.001604	1.876964	31C	37C	Regulator c	193925.9	212418.9	205745.2	412122.5	300741.2	287277.3	169085.1	159668.6	113432.3	142186.2	110510.4	164074.1	317982.9	344944.6	409381.1	6420.925	515269	309528.7	181722.7	159668.6	184084.3	212287.1	176282.9	221112.1

G3HQ73	1	1	2.405963	0.015193	1.879985	31C	37C	YTH domai	306043.1	298997.2	253026.8	98540.29	255069.6	264481.6	153072.9	89028.11	176934.3	109644.7	150229.7	106287.5	501822.9	485538	503459.4	1535.271	437018.6	284967.3	164513.8	89028.11	287138.8	163701.9	239641.8	143236.8
G3GVX1	1	1	1.954907	0.009312	1.880949	31C	37C	Ribosome-	118052.1	250538.5	90866.67	144859.6	194525.9	91702	72872.77	75080.49	98440.5	80785.7	81367.76	64907.72	193571.5	406846.5	180801.7	2256.932	333287.2	98804.87	78319.39	75080.49	159754.7	120614.8	129795.3	87471.98
G3HJS1	1	1	3.206583	0.001962	1.883888	31C	37C	Spectrin be	496164.4	454938.1	575198.3	303186.6	624765.1	473393.9	171354.7	234472.3	236040.4	214483.8	368238.6	329455.4	813567.3	738768.5	1144500	4723.689	1070429	510061.1	184162	234472.3	383059.5	320229.1	587402.9	443985.9
G3H638	2	2	5.591995	0.000149	1.884935	31C	37C	activator o	421599.9	456536.6	338984.8	248821.8	362270	354748.5	176704.2	172472.1	216122.4	185889.1	163497.1	243424.5	691302.9	741364.3	674494.2	3876.677	620688.3	382225.9	189911.3	172472.1	350735.5	277536.6	260805.5	328047.6
G3HMD1	5	5	27.83516	0.020389	1.886925	31C	37C	Glyceralde	1.88E+08	2.32E+08	2.11E+08	6.03E+08	2.59E+08	1.72E+08	1.35E+08	1.12E+08	1.44E+08	1.42E+08	1.79E+08	1.71E+08	3.08E+08	3.77E+08	4.2E+08	9400873	4.44E+08	1.86E+08	1.46E+08	1.12E+08	2.34E+08	2.12E+08	2.85E+08	2.3E+08
G3I7J6	1	1	4.739703	0.024251	1.887495	31C	37C	Non-POU d	3717937	3568487	2601030	1355874	1742289	1485689	2071224	1305764	1232075	1092800	1237932	727144.3	6096350	5794824	5175394	21124.7	2985117	1600765	2226030	1305764	1999480	1631574	1974711	979925.8
G3H5A6	1	1	2.741309	0.046553	1.893715	31C	37C	Ferritin hea	85126.04	52247.89	71079.58	39454.68	104798.3	63484.21	7555.603	42637.51	25388.52	29042.68	57142.67	58007.72	139582.3	84844.72	141430.4	614.7094	179554.2	68401.44	8120.319	42637.51	41201.9	43361.37	91152.23	78173.28
G3GYR9	1	1	2.186086	0.000361	1.896602	31C	37C	40S riboso	1630383	1708479	1771561	3156955	2118499	1998711	921296.1	959993.9	1159857	1150601	949805.3	1388329	2673361	2774378	3524959	49185.8	3629690	2153523	990155	959993.9	1882281	1717873	1515100	1870962
G3HIC5	5	5	17.20932	0.006158	1.901159	31C	37C	RuvB-like h	5421600	5986836	5141570	15115534	7348077	7197390	3936464	4164376	4009526	4212935	3451896	4531561	8889869	9721952	10230426	235502.1	12589686	7754871	4230681	4164376	6506883	6290004	5506358	6106894
G3H0E6	1	1	2.262896	0.01109	1.902398	31C	37C	IMP3 |IMP	243762.8	227565.2	235705.1	650154.5	387049.2	321089.7	240530.9	142108.2	226484.9	143348.5	169982.7	163188.7	399701	369540.4	468993.7	10129.5	663143.2	345960.1	258508.5	142108.2	367552.4	214022.4	271151.2	219919
G3HYU6	1	1	3.176905	0.00033	1.904828	31C	37C	DNA-direct	2097643	2712775	1899776	1982192	1994314	2179919	1566381	1262458	914089.3	1093027	702648.6	1216137	3439533	4405244	3780075	30882.82	3416919	2348767	1683455	1262458	1483435	1631913	1120843	1638910
G3H1M4	1	1	2.822233	1.22E-05	1.90675	31C	37C	Eukaryotic	4271223	4098259	4220952	4909741	3213241	3542278	2116845	2071853	1865750	2115764	1884167	2666582	7003580	6655113	8398630	76494.45	5505344	3816649	2275061	2071853	3027843	3158883	3005565	3593582
G3HNT9	3	3	14.17149	0.001929	1.907881	31C	37C	Proteasom	4280953	3986563	4864569	7801266	3157899	3486924	2347606	2481375	2368454	2363830	1838267	3055341	7019535	6473732	9679265	121544.8	5410525	3757007	2523070	2481375	3843659	3529250	2932347	4117488
G3GT57	1	1	3.593041	0.007847	1.908818	31C	37C	Protein SO	1029922	1432968	875639.3	2339135	1482949	1196494	536509	420769.5	947808.5	858789.3	745365.3	868916.3	1688777	2326980	1742301	36444.05	2540782	1289169	576608.4	420769.5	1538157	1282191	1188984	1170983
G3IHE8	1	1	2.049571	0.038193	1.909035	31C	37C	Leucine-ric	340426.7	299082.8	318671	99125.49	304714.2	440631.4	197096	202135.9	154957.4	167993.9	83020.51	139069.9	558202.1	485677	634075	1544.389	522076.1	474761	211827.2	202135.9	251473.6	250818.6	132431.8	187415.6
G3HGW7	2	2	5.995183	8.65E-06	1.912282	31C	37C	40S riboso	10322359	11174792	10220877	15710878	10046070	9710120	5413699	5480410	6048616	5962214	6057361	6171165	16925706	18146612	20336966	244777.6	17212240	10462227	5818326	5480410	9816032	8901717	9662516	8316484
G3GRK8	3	3	12.25326	6.62E-05	1.912521	31C	37C	E3 ubiquiti	3867114	3715777	3947104	2187206	3143919	3474520	1934350	1864375	1636449	1701994	1584358	1911371	6340958	6034006	7853740	34076.98	5386573	3743643	2078926	1864375	2655721	2541114	2527319	2575832
G3HL97	1	1	2.27951	0.023647	1.912788	31C	37C	RAP2B |	498775.2	649876.8	855901.4	1260100	678701.4	676795	750497.8	747274.3	157507.6	225834.4	281238.3	253048.7	817848.2	1055327	1703028	19632.53	1162840	729216.9	806591.1	747274.3	255612.1	337175.8	448622.8	341017.5
G3IEY0	1	1	2.160891	0.037804	1.915172	31C	37C	Succinate	2672284	2774795	2770272	678554.5	2047969	1866056	1504048	1440674	1011677	962118.5	855301.3	914837.7	4381779	4505956	5512142	10571.97	3508847	2010593	1616462	1440674	1641805	1436464	1364350	1232868
G3ICG5	1	1	1.976608	0.001137	1.924592	31C	37C	Tripeptidyl	2731022	2932823	2576070	1609189	3480419	3935952	1496899	1708275	1534918	1620290	1136863	1473733	4478092	4762576	5125730	25071.38	5963108	4240815	1608779	1708275	2490950	2419128	1813488	1986056
G3GUY5	1	1	2.604857	0.006444	1.924912	31C	37C	Protein KIA	808796.4	861325.7	834592	2318771	1261274	1171126	565099.4	521037.1	698497.9	659915.2	671588.8	653325.8	1326194	1398697	1660628	36126.77	2160980	1261837	607335.8	521037.1	1133561	985267.9	1071298	880445.4
G3HJA4	2	2	7.29611	1.97E-05	1.928209	31C	37C	26S protea	2817977	3067289	2678259	3789607	3104399	2783810	1362479	1202916	1673068	1604303	1624256	1993230	4620674	4980934	5329059	59042.6	5318862	2999433	1464312	1202916	2715148	2395260	2590964	2686148
G3GYZ1	2	2	4.95696	0.000521	1.930717	31C	37C	CD44 antig	11130783	11273421	12180636	9108155	7579911	7439406	6789644	6680873	4027023	4063346	4557315	4291391	18251289	18306774	24236391	141906.3	12986893	8015634	7297112	6680873	6535277	6066665	7269688	5783232
G3HVG9	3	3	8.371078	0.000821	1.938272	31C	37C	Matrin-3 |	2467680	2974350	2138340	5103895	3479882	3273078	1447678	1421569	1726432	1800275	1683863	1948304	4046286	4830012	4254757	79519.39	5962189	3526598	1555879	1421569	2801750	2687851	2686047	2625604
G3H9U3	3	3	13.81262	1.49E-05	1.947373	31C	37C	Splicing fac	4443778	4390467	4293743	6937609	4325049	4337534	2433168	2131450	2608165	2407827	2561400	2610262	7286520	7129627	8543464	108088.9	7410238	4673502	2615026	2131450	4232675	3594940	4085866	3517684
G3HLL4	3	3	8.979699	0.007115	1.949593	31C	37C	116 kDa U5	2323370	2645080	2528532	6236696	2638735	2643417	2048622	2426492	1349651	1334065	1262725	1332188	3809659	4295314	5031141	97168.58	4521025	2848166	2201739	2426492	2190288	1991788	2014260	1795305
G3HBL5	1	1	2.085032	0.036785	1.94982	31C	37C	CSTF1 |CS	272812.6	231867.5	245070.6	484224.9	133233.1	124443.6	182677.4	105755.6	133901.8	66635.67	173944.3	102105.7	447334.4	376526.9	487628.6	7544.291	228272.3	134082.5	196331	105755.6	217303.4	99488.52	277470.5	137601.3
G3HQ69	1	1	2.723725	3.11E-06	1.949912	31C	37C	Src substra	2537196	2936926	2497032	2022877	1921780	2128223	1123061	1119186	1242550	1297244	1160160	1260193	4160274	4769239	4968464	31516.7	3292644	2293067	1207000	1119186	2016479	1936814	1850652	1698282
G3IAY2	1	1	3.625764	0.003322	1.957118	31C	37C	UPF0557 p	721868.3	735592	650372.4	1580931	1213294	1308212	445489.1	454717.1	551481.3	550996	627735.1	542751.3	1183657	1194519	1294077	24631.12	2078773	1409540	478785.6	454717.1	894974.7	822649.2	1001344	731431.2
G3I837	2	2	8.099016	8.96E-06	1.958648	31C	37C	Mannose-6	1065291	1006109	982134.4	1540049	1076989	883785.8	594981.6	553074.1	568973.1	522279.6	564965.7	542094.6	1746771	1633809	1954200	23994.18	1845238	952240.3	639451.3	553074.1	923361.3	779775	901215.9	730546.2
G3HCK9	2	2	6.355718	9.42E-06	1.959719	31C	37C	Far upstrea	1805813	1896675	1743222	2660910	1561898	1677537	1026001	966800.5	953818.9	905014.5	1038968	899031.2	2961015	3079988	3468573	41457.35	2676048	1807473	1102685	966800.5	1547911	1351207	1657329	1211567
G3HJM4	1	1	2.080385	0.002859	1.961894	31C	37C	Haloacid d	1268248	1244609	942982.3	1101899	1651634	1757938	441467.2	375428.5	976083.1	749861	744213	773977.2	2079562	2021105	1876297	17167.74	2829795	1894101	474463.1	375428.5	1584042	1119559	1187146	1043039
G3HFY1	2	2	5.139163	0.007807	1.96221	31C	37C	Protein pho	883176.6	972835.7	946228.5	2668763	1216229	972524.2	648482.2	555810.4	743919.2	545375.8	736731.5	673318.9	1448156	1579776	1882756	41579.69	2083803	1047852	696950.6	555810.4	1207274	814258.1	1175211	907388.7
G3HSB3	1	1	2.655088	0.002113	1.965034	31C	37C	Uncharacte	1162741	1236145	1035843	1518267	714725.8	606252.7	623508.8	448560.9	631228.4	462307.9	479346.8	547853.5	1906561	2007361	2061065	23654.8	1224562	653210.6	670110.7	448560.9	1024393	690235.9	764639.2	738307.1
G3H949	1	1	2.060944	0.017313	1.967032	31C	37C	Alpha-taxil	1004474	1045734	803993.7	3102241	1270539	1531848	631779.8	613030.8	867301.6	830254.6	696064.7	814382.7	1647049	1698155	1599745	48333.34	2176853	1650499	679000	613030.8	1407505	1239588	1110341	1097491
G3H1D8	1	1	2.405083	0.034509	1.967892	31C	37C	RNA-bindir	80092.98	74809.99	79957.25	31084.5	38099.25	42719.12	18827.79	50190.3	31181.6	23221.2	43397.28	9392.276	131329.5	121483.1	159094.7	484.3008	65276.61	46027.97	20235.01	50190.3	50603.25	34669.76	69226	12657.37
G3H6E1	3	3	10.96787	0.000355	1.973422	31C	37C	Eukaryotic	5689085	6312327	5662260	4017921	6223918	8007637	2537956	2448967	3663203	3676851	2317714	3553726	9328467	10250512	11266468	62599.76	10663629	8627877	2727647	2448967	5944850	5489619	3697145	4789129
G3IKC3	3	3	12.2	7.93E-05	1.985456	31C	37C	Glutathion	7228017	7447706	7394592	4640902	6870025	6448068	2541394	2674865	3560456	3517352	3783380	4083824	11851874	12094241	14713372	72305.89	11770624	6947509	2731341	2674865	5778106	5251484	6035132	5503508
G3HHM2	2	2	5.543478	0.014587	1.986979	31C	37C	Histone H3	7717448	9615756	4898192	7014742	3202955	4456367	4354177	5079816	2559353	2503980	1738342	2337982	12654401	15614912	9746166	109290.7	5487721	4801539	4679615	5079816	4153461	3738497	2772950	3150748
G3IKS9	1	1	2.009009	0.001045	1.989321	31C	37C	Glutaredox	19121908	26250614	18403413	20363580	19193306	21702141	14805248	15122300	7060649	7675451	6640963	11548471	31354442	42628058	36618147	317267.4	32884479	23383103	15911813	15122300	11458415	11459617	10593459	15563134
G3H2G5	2	2	6.287795	0.001517	1.993859	31C	37C	Serine/thre	1528669	1820212	1803497	932924.1	1129153	1213339	909158	986557.5	564535.6	651056.6	464189.8	651378.2	2506578	2955820	3588504	14535.09	1934613	1307320	977109.7	986557.5	916159.9	972041.8	740461.2	877820.7
G3I018	2	2	5.89663	0.015054	1.997689	31C	37C	26S protea	7424829	7646824	7007608	19917857	5409162	5518143	4141234	4544488	4003108	4288263	4664170	4851560	12174590	12417586	13943372	310323	9267682	5945557	4450756	4544488	6496466	6402471	7440140	6538137
G3HNC8	1	1	2.728275	0.001059	1.997715	31C	37C	Polyglutam	2801931	2647413	2307934	1410302	1764585	1616023	923814.8	735034.5	936654.8	990766.4	1319613	1375386	4594362	4299102	4592207	21972.69	3023317	1741193	992862	735034.5	1520056	1479236	2105007	1853519
G3HVL1	1	1	2.277986	0.030883	2.001699	31C	37C	Cell divisio	269893.7	356243.6	184714.2	841953.6	434729.9	549311	140662.7	259063.9	213989.7	266235.7	194693.8	242658.2	442548.3	578499.7	367534.6	13117.75	744836	591858.5	151176	259063.9	347274.4	397495.8	310569.5	327014.9
G3HNR2	1	1	3.16623	0.0008	2.003857	31C	37C	Uncharacte	131511.5	157312.2	138804.8	101187.3	85588.99	84238.23	41352.37	42425.28	63792.95	67793.62	63936.2	69348.62	215641.1	255457.3	276186.4	1576.511	146642.2	90762.99	44443.1	42425.28	103526.8	101217.4	101989.1	93456.7
G3II69	5	5	21.21537	0.001162	2.00943	31C	37C	DNA dama	5739810	5909847	5253424	13015784	5936170	5757606	3001195	3146069	3803150	3542071	3471604	3744592	9411642	9596930	10452989	202787.7	10170621	6203568	3225509	3146069	6171964	5288390	5537795	5046347
G3HHG9	2	2	4.7661	0.001294	2.012268	31C	37C	Tetratricop	1044277	1093018	1173868	2455524	971090.3	1063711	682530.8	556195.2	640133.9	626384.6	650304.6	721413	1712314	1774939	2335701	38257.4	1663799	1146102	733544.1	556195.2	1038845	935206.1	1037346	972202
G3H2I6	2	2	6.048618	0.009149	2.012424	31C	37C	Neural cell	405678.7	460610.2	542846.4	353915.5	350188.9	161356.6	168955.6	263945.4	139015.6	140970.1	257014.1	160376.1	665196.7	747979.4	1080127	5514.052	599989.3	173854.6	181583.6	263945.4	225602.3	210471.5	409981	216128.7
G3I834	1	1	2.093442	0.035886	2.012972	31C	37C	Cytochrom	7760967	10030171	7549575	4288965	2251706	3644556	2481147	2959903	2601711	2632962	2540376	4432398	12725759	16287875	15021748	66822.66	3857916	3926849	2666592	2959903	4222202	3931071	4052329	5973259
G3HV49	1	1	7.140316	0.011896	2.029703	31C	37C	UPF0160 p	2097775	2645772	2172666	5892483	2345068	2010886	1921513	2194363	1298194	1131584	857276.5	1053799	3439749	4296437	4323057	91805.69	4017877	2166641	2065129	2194363	2106781	1689480	1367501	1420138
G3HX69	2	2	4.024452	0.00013	2.032537	31C	37C	LIM domai	1401393	1473239	1224278	2665094	1491724	1486463	834270.9	800102.9	846001.9	818982.1	740101.4	753658.9	2297883	2392375	2436004	41522.53	2555817	1601598	896625.5	800102.9	1372939	1222758	1180587	1015658
G3HEE4	1	1	2.199581	0.025541	2.035715	31C	37C	Cyclin G-as	1734607	1176379	2643836	4517791	1217788	1454495	1453681	1117786	1008550	931520.7	758584.6	990527.1	2844258	1910307	5260567	70387.81	2086474	1567154	1562331	1117786	1636731	1390781	1210071	1334870
G3HW48	3	3	7.370141	6.13E-08	2.043614	31C	37C	Dynactin su	657456.6	703179.9	657740.9	556352.9	780184.2	709463.8	313803.4	332513.2	343710.7	338053.9	310760.1	349977.4	1078040	1141885	1308739	8668.054	1336714	764416	337257.5	332513.2	557792.8	504721.9	495714.9	471642.2
G3H0A7	2	2	4.840254	0.016442	2.044069	31C	37C	Eukaryotic	524649	612663.2	451954.8	1753268	806922.9	523401	411936.3	414869.3	354110.1	316716.3	385994.6	402430.9	860273.9	994896.5	899275.9	27316.15	1382526	563941.6	442725	414869.3	574669.6	472864.5	615726.8	542330.4
G3HAN8	3	3	13.00702	7.31E-05	2.047304	31C	37C	Adenosylho	4268309	5384512	4880055	5868654	6335070	6688741	2243391	2210899	2548864	2944500	2435115	3943747	6998801	8743846	9710079	91434.43	10854069	7206824	2411065	2210899	4136439	4396204	3884420	5314735
G3I4N3	6	6	19.03228	0.001522	2.050173	31C	37C	Lysine--tRN	3860651	4346646	3874147	7330897	3192110	2740340	1838609	2313880	1660179	1710412	2679235	2159953	6330360	7058466	7708576	114216.4	5469139	2952596	1976029	2313880	2694232	2553683	4273833	2910830
G3HR10	1	1	2.630703	0.03962	2.05274	31C	37C	Dihydropte	743510.3	605224.3	504907.1	170175.4	919611	682405.1	258141.5	195447.5	388144.8	386128.2	254330.3	284146.2	1219144	982816.6	1004638	2651.356	1575598	735261.5	277435.4	195447.5	629903	576498	405699.8	382925.7
G3H9Y8	1	1	1.9547	0.016561	2.058014	31C	37C	Hyaluronar	85118.31	78303.2	41901.7	169227.6	106506.9	78719.13	65812.83	62789.92	42672.53	43282.87	24496.35	32944.09	139569.6	127155.6	83373.8	2636.589	182481.6	84816.4	70731.77	62789.92	69251.37	64622.29	39075.82	44396.64
G3HJM2	1	1	2.765999	0.009117	2.073371	31C	37C	Glycyl-tRN	662558.2	515248.3	566121.7	1087363	821136.8	448309.4	214028	147727.7	617705	258456.6	334730.9	405163.1	1086405	836705.5	1126439	16941.26	1406879	483033.7	230024.7	147727.7	1002446	385881.4	533952.5	546012.3
G3HTI3	1	1	2.307365	0.000128	2.076224	31C	37C	Putative G-	901774.9	927104.9	844756.1	1482476	1447635	1280306	512315.3	429930.6	573111.6	584638.9	587623.2	628039.8	1478652	1505515	1680852	23097.17	2480278	1379473	550606.5	429930.6	930077.4	872878.8	937358.4	846369
G3GVD7	1	1	2.607508	0.002589	2.078589	31C	37C	WD repeat	942580.3	982995.2	733613.2	441034.4	1099312	1091803	312454.6	296927	607864.3	410160.7	471382.6	446850.3	1545561	1596274	1459705	6871.377	1883484	1176370	335807.9	296927	986476.1	612379	751935	602191.5
G3HCU8	4	4	17.45401	0.000613	2.080187	31C	37C	26S protea	2784146	3169384	2681941	6034384	3534241	3839296	2141216	2166621	1371409	1651330	1448866	1817388	4565201	5146725	5336386	94016.53	6055323	4136672	2301254	2166621	2225600	2465472	2311186	2449177
G3GU92	2	2	6.395977	0.0153	2.08555	31C	37C	Lupus La p	5931804	6926813	5945114	19917317	6637183	5733515	5157357	5204716	3288665	3087677	3391852	4367701	9726457	11248369	11829277	310314.5	11371689	6177610	5542825	5204716	5337030	4609970	5410578	5886071
G3I4G0	1	1	2.278371	0.026648	2.088732	31C	37C	EH domain	1433356	1134763	1212398	4120267	952996.4	1100627	1094850	861484	663016.2	703522.2	660973.2	781919.5	2350293	1842728	2412365	64194.33	1632798	1185878	1176680	861484	1075980	1050374	1054364	1053743
G3I2X3	3	3	8.043956	0.001538	2.089223	31C	37C	Casein kina	723897.8	854210.8	593528.3	1681446	1103739	987650.2	421749.2	411350.2	588564.8	543665.5	422589.4	457384.2	1186985	1387143	1180972	26197.16	1891070	1064150	453271.4	411350.2	955155.8	811704.6	674101.6	616387.4
G3H2W1	1	1	1.933877	0.005375	2.093764	31C	37C	Regulation	204549.7	279429.8	176775.5	349873.1	380774.5	375543.1	102822.2	75918.21	226141.5	205268.5	112046.7	121711.7	335402.8	453762.8	351738.6	5451.071	652392.6	404631.2	110507.3	75918.21	366995.1	306470.4	178733.5	164023.1
G3HN76	1	1	2.323257	0.010156	2.099517	31C	37C	Polyadenyl	1222662	1181813	1120475	474565.4	1918915	1708186	576687.1	461017.5	749734.5	645189	614383.4	585546.3	2004815	1919132	2229462	7393.795	3287736	1840496	619789.5	461017.5	1216711	963281.4	980045.5	789103.3
G3H1Y8	4	4	14.37076	0.002014	2.10455	31C	37C	Regulator c	2587055	2420770	2355063	5086417	1917184	1689180	1410391	1215219	1245658	1089847	1522444	1145468	4242029	3931060	4685982	79247.07	3284769	1820017	1515805	1215219	2021523	1627165	2428556	1543674
G3HFI6	3	3	11.02718	1.59E-06	2.106155	31C	37C	ATP-depen	5742640	5879093	5776783	7801796	5716276	5730018	2608587	2405535	3240677	3049843	2702623	3392496	9416281	9546989	11494341	121553	9793870	6173842	2803557	2405535	5259152	4553484	4311141	4571850
G3H8D0	1	1	3.274042	0.000128	2.113056	31C	37C	Guanine nu	1398119	1289687	1269270	767187.5	864004.3	957425.3	379705.8	520086.1	488046.1	534016.6	541748.9	634134.1	2292514	2094308	2525526	11952.89	1480325	1031584	408085.6	520086.1	792028.4	797298.6	864181.2	854581.9
G3IN81	1	1	2.61732	0.001808	2.113963	31C	37C	Uncharacte	701673.8	845810.3	680491.1	1280027	884577.3	871704.9	627132.2	585116.5	251989.1	274786.2	292812.9	458407.1	1150544	1373501	1354005	19943	1515573	939223.7	674004.9	585116.5	408942	410261.8	467086.1	617765.9
G3I710	2	2	4.451355	0.000334	2.116067	31C	37C	AP-2 comp	1285191	1269062	1311169	2857486	1359244	1481728	700619.4	686517.1	760204.3	734913.4	793782.9	843612.9	2107345	2060815	2608895	44520.03	2328835	1596496	752984.7	686517.1	1233702	1097242	1266218	1136883
G3HUN1	3	3	9.271196	5.97E-05	2.129583	31C	37C	Ubiquitin c	4238070	4059359	4269919	6725159	3241323	3693983	2011634	1798554	2188895	2142976	1795532	2378348	6949219	6591945	8496062	104778.9	5553458	3980104	2161987	1798554	3552261	3199510	2864178	3205147
G3HGB3	1	1	2.660237	0.000459	2.130413	31C	37C	Dolichyl-ph	2153746	2204429	2173722	959187.7	1661659	1590838	733632.7	891465.9	890244.3	849973.6	690458.3	987181.8	3531525	3579746	4325158	14944.28	2846972	1714058	788465.4	891465.9	1444738	1269029	1101398	1330362
G3HIK1	2	2	5.112659	0.033177	2.147826	31C	37C	Nuclear po	606619.7	626373.8	1149537	1958853	517456.8	532482.4	732025.4	722279.8	270167	257031.9	260927.5	267698.7	994682.3	1017161	2287288	30519.2	886574.5	573726.4	786738	722279.8	438442.1	383754.3	416223.5	360760.4
G3IFE7	1	1	2.142028	5.99E-05	2.155669	31C	37C	Phosphoglu	351137.5	219565.1	449657	277553.8	380809.9	315084.8	156875.7	152301.8	127109.9	178255.1	165783.1	144588.1	575764.7	356549.2	894704	4324.327	652453.3	339490	168600.8	152301.8	206281	266138.8	264452	194852.1
G3IE21	1	1	2.633487	0.00856	2.155778	31C	37C	Aldose red	2672543	3252071	3238946	978828.8	2170443	1341010	833824.1	1008592	1070068	1136575	1003679	1280865	4382204	5281000	6444686	15250.29	3718686	1444879	896145.3	1008592	1736565	1696932	1601039	1726140
G3IEH3	1	1	2.808323	0.003546	2.159903	31C	37C	Elongation	780485.3	927016	795225.6	1671159	639449.7	532187	268444.6	378507	443716.8	433287.5	367342.7	583591.5	1279772	1505370	1582298	26036.89	1095589	573408.1	288508.5	378507	720088.5	646907.8	585973.8	786468.8

G3GRJ5	1	1	3.002979	0.01396	2.160482	31C	37C	Putative rib	1834646	1982065	1719026	5428247	1349741	1397474	1197205	1308254	933753.8	917755.7	961545.8	1027847	3008293	3218651	3420427	84572.84	2312553	1505717	1286685	1308254	1515348	1370229	1533828	1385164
G3I9G7	1	1	2.048962	4.78E-06	2.163743	31C	37C	Proteasom	1474912	1450639	1376928	1682191	1934533	1981196	778027.9	611174.6	936671.2	728882.1	822573.6	698258.9	2418433	2355675	2739739	26208.76	3314495	2134652	836178.8	611174.6	1520082	1088237	1312144	940998.8
G3GT01	1	1	2.228491	0.001808	2.163977	31C	37C	RING finge	216058.7	215333.7	228914.4	174827.2	244729.8	172377.7	169835.3	142503.8	82546.29	66294.42	48803.58	68692.69	354274.3	349677.8	455482	2723.831	419303	185729.4	182529	142503.8	133960.7	98979.03	77849.96	92572.73
G3I366	1	1	3.903921	0.011557	2.167566	31C	37C	Prolyl endo	3077380	3296278	2953915	11222827	4208854	5442766	2308956	2186305	2194400	2317839	2103740	2822374	5046021	5352786	5877546	174853.2	7211158	5864341	2481531	2186305	3561194	3460584	3355821	3803533
G3HBG5	2	2	6.900149	0.000259	2.169555	31C	37C	26S protea	7043988	5255832	7082430	12092271	6147295	6030550	3240934	3112967	3776420	2515821	3549765	3924517	11550120	8534882	14092248	188399.3	10532348	6497653	3483167	3112967	6128585	3756176	5662476	5288820
G3I563	1	1	2.414501	3.38E-06	2.170911	31C	37C	Protein FAM	1588872	1297527	1719929	1408099	1854227	1753854	909775.9	770853.7	799801	615518.9	614935	721589.2	2605295	2107038	3422224	21938.38	3176904	1889700	977773.8	770853.7	1297962	918983.3	980925.4	972439.6
G3GSP0	2	2	5.253248	0.001782	2.172062	31C	37C	UMPS | UM	1053044	1377878	1136813	2829468	1337442	1216112	915269.1	891571.5	572491.4	605900.8	536422	599202.2	1726690	2237520	2261971	44083.49	2291481	1310307	983677.6	891571.5	929070.9	904623.2	855683.8	807506.4
G3HM97	1	1	2.919089	0.040585	2.178169	31C	37C	Ubiquitin-c	3357442	3315303	2756735	10053798	2167618	1713977	2112298	1770757	1983774	1553356	1637409	1669244	5505241	5383682	5485208	156639.6	3713847	1846735	2270175	1770757	3219380	2319195	2611944	2249533
G3I0F4	1	1	2.428125	0.008845	2.185238	31C	37C	NADH dehy	3448127	3134286	3600080	7273847	2056014	1951807	2005834	1849050	1335823	1191557	2052243	1387838	5653938	5089730	7163250	113327.5	3522632	2102986	2155753	1849050	2167849	1779021	3273674	1870301
G3H1Q7	1	1	1.946746	0.001809	2.188187	31C	37C	COX5B | C	480229.3	479783.8	500690.1	259878.3	603233.7	557531.4	202666.9	107265.9	302509	242691.9	240973.4	220666.7	787438.3	779115.2	996246.9	4048.939	1033539	600715.6	217814.5	107265.9	490928.4	362344.4	384393.3	297378.4
G3IBJ1	1	1	2.908139	8.61E-05	2.190098	31C	37C	Dynamin-1	820604.6	698545.2	731563.2	1431447	1119578	1051738	478559.3	417013.8	483703.7	460508.4	445068.7	387846.7	1345556	1134359	1455626	22302.14	1918207	1133201	514327.5	417013.8	784981.3	687549.2	709959.9	522676.2
G3HWE6	1	1	3.376247	0.003947	2.19152	31C	37C	Ubiquitin c	200700	194865.9	174474.8	328876.8	96051.24	118097.7	87232.13	62152.99	80202.99	107201.1	74948.45	96159.49	329090.5	316440.4	347160.9	5123.946	164567.5	127245.1	93751.98	62152.99	130157.9	160053.6	119555.5	129588
G3HWN6	1	1	2.273673	0.002582	2.197411	31C	37C	DNA topois	857316	829917.8	688566.9	1410586	536999.6	547639	442652.3	496995.7	381625.2	381655.9	211199.6	302582.2	1405752	1347694	1370074	21977.12	920057.9	590056.9	475736.7	496995.7	619322.7	569820.6	336899.1	407770.7
G3HCL2	3	3	14.21646	2.61E-05	2.202767	31C	37C	Tubulin bet	30166408	33614970	31702935	57873354	30358278	34892133	15776276	15936550	16198151	16292688	16175084	18863730	49464253	54586948	63080840	901674.8	52013767	37594740	16955417	15936550	26287263	24325343	25801996	25421440
G3HH63	1	1	2.708116	0.018737	2.204674	31C	37C	Phospholip	42360.39	63339.96	60437.07	20619.14	38215.56	20242.24	19964.2	16119.44	36911.09	17728.06	10968.78	9533.182	69458.88	102857	120254.5	321.2491	65475.88	21810.13	21456.36	16119.44	59901.37	26468.39	17497.06	12847.26
G3IJ02	8	8	30.58354	4.96E-06	2.211499	31C	37C	Leucine-ric	2198338	2420404	2347250	3776196	2377443	2291548	1129760	1073235	1175243	1080406	1174025	1335989	3604644	3930466	4670436	58833.65	4073346	2469042	1214200	1073235	1907250	1613071	1872768	1800426
G3IAF9	1	1	2.224768	9.84E-05	2.219003	31C	37C	Short coile	1186133	1228948	933752.9	1836751	1607118	1126409	733671	749886.4	554010.2	503839.9	525613.3	501748.8	1944917	1995674	1857933	28616.84	2753524	1213656	788506.6	749886.4	899078.7	752244.1	838442.1	676174.7
G3IG05	1	1	5.226788	0.007823	2.225836	31C	37C	Annexin | A	1064146	945488.9	1223631	3212612	2150430	1217558	920665.5	930790.6	597379.3	595473.7	827536.3	537225.4	1744894	1535368	2434718	50052.94	3684397	1311866	989477.3	930790.6	969460.5	889055.4	1320060	723984.2
G3IDS0	1	1	2.928302	0.020594	2.226324	31C	37C	Pre-mRNA-	1565337	2002059	1202505	6013877	2408613	1866560	892263.6	909318.3	1460625	1219711	893912.5	1388211	2566704	3251119	2392682	93697.04	4126750	2011137	958952.6	909318.3	2370384	1821056	1425942	1870804
G3HWJ3	2	2	5.936095	1.09E-06	2.234742	31C	37C	Uncharact	4379236	4943170	3982390	3436334	4543789	5032137	1713260	1762507	2058806	2113409	1797277	2331071	7180690	8027154	7923951	53538.56	7785012	5421906	1841312	1762507	3341145	3155366	2866961	3141435
G3H4V0	7	7	22.24687	0.009168	2.237129	31C	37C	Vigilin | HD	4221551	4540917	4384543	15750591	5167935	4795792	2783706	2623631	3019539	2811424	3185179	2947590	6922132	7373941	8724134	245396.4	8854381	5167255	2991764	2623631	4900277	4197518	5080899	3972278
G3I016	1	1	3.241258	0.009186	2.241735	31C	37C	RNA-bindir	463747.4	451560.6	480000.3	123572.3	387166.8	387226.7	145535.5	132316.6	235531.2	139634.2	176417.6	193555.6	760412.6	733283.9	955079.4	1925.273	663344.7	417219.8	156413	132316.6	382233.1	208477	281416	260842.5
G3HAH5	1	1	2.294584	0.010002	2.242154	31C	37C	DHX38 | DI	99624.76	154243.4	203244.1	65842.81	158366.3	83456.15	111419.9	69895.74	38563.12	46785.55	29203.92	45222.25	163356	250474	404404.5	1025.84	271333.8	89920.33	119747.6	69895.74	62582.38	69851.86	46585.19	60943.13
G3H6M5	1	1	3.334777	0.019346	2.24433	31C	37C	Fumarate h	584396.6	594994.3	847593.3	444533.6	304012.1	176480.3	300650.7	214202.5	259513.5	126619.2	172339	241994.1	958242.8	966204.2	1686497	6925.895	520873.3	190149.8	323121.8	214202.5	421153	189045.3	274909.9	326120
G3ILD4	1	1	1.990379	0.027674	2.249057	31C	37C	UPF0688 p	35164.97	35716.17	22242.75	12714.11	37788.33	23002.75	12881.06	10246.06	16158.71	15906.27	16559.12	2337.187	57660.45	57999.07	44257.47	198.0876	64743.91	24784.45	13843.81	10246.06	26223.26	23748.41	26414.6	3149.677
G3HH11	1	1	3.362956	0.002935	2.251755	31C	37C	N-acylneur	883824	934792.8	788776.9	1851458	602717.2	657497	382383.3	528242.2	368905.5	459665	535101.9	265527.8	1449218	1517999	1569467	28845.97	1032654	708424.1	410963.2	528242.2	598680.4	686290	853578.1	357834.8
G3IFA9	1	1	2.57167	0.000722	2.25391	31C	37C	Transcripti	1969714	1995377	1853505	973479.9	2465307	2597925	694020.5	803240	1026997	1115474	725035.2	895118	3229765	3240269	3688008	15166.95	4223887	2799150	745892.6	803240	1666668	1665427	1156554	1206293
G3H6S8	1	1	3.263454	0.016714	2.254797	31C	37C	Inorganic p	223933.3	188705.5	237834	746271.6	279175.5	179788.5	131060.5	193613.4	110203.2	110931.5	90682.28	186513.9	367186.3	306436.7	473229.7	11627.01	478319.9	193714.2	140856.2	193613.4	178843.8	165623.1	144653.6	251352.9
G3GXU2	1	1	1.906438	0.018383	2.276268	31C	37C	NRBP1 | NI	1892126	1189978	1910268	4512270	1128248	1020951	1194768	1124315	623847.1	671640.8	744380	760764.1	3102544	1932391	3800950	70301.79	1933062	1100030	1284066	1124315	1012414	1002774	1187412	1025233
P60520	1	1	2.2028	0.026474	2.277774	31C	37C	HUMAN Ga	544343.7	646808	625986.2	116660.3	350055	363383.7	235856.6	174924.6	174989.2	174715	201193.2	200524.8	892567.4	1050344	1245554	1817.584	599759.9	391530	253484.9	174924.6	283982.3	260853.4	320937.1	270234.5
G3HR08	4	4	10.90204	0.016663	2.278376	31C	37C	Cytosol am	1751027	1867982	1722472	6421131	1596213	1526981	1245089	1191920	858035.6	903284.3	1097592	1237595	2871182	3033394	3427284	100042.1	2734840	1645255	1338149	1191920	1392468	1348623	1750845	1667828
G3HJD1	1	1	2.341967	0.021207	2.283429	31C	37C	Protein Sm	178994.5	295961.6	264025.3	771766.8	213591.4	312189.1	254523.4	271462.1	88925.63	90971.75	102744.8	83245.53	293499.6	480608.5	525343.8	12024.23	365952.7	336370	273546.8	271462.1	144313.5	135822.8	163895.4	112184.7
Q9ERF7	2	2	6.104906	0.00017	2.284166	31C	37C	Intercellula	3295074	3881193	3820176	7727079	4965877	4707723	1622908	2024687	2394854	2247229	1844272	2298212	5402975	6302622	7601185	120389	8508190	5072365	1744207	2024687	3886502	3355162	2941926	3097153
G3HQI8	3	3	9.895595	0.004042	2.296259	31C	37C	Myosin-Vb	1929288	1985620	1765949	5236440	1697048	1561882	754714.6	818742.1	1162898	1082186	1203348	1151728	3163479	3224424	3513792	81584.46	2907604	1682859	811123.1	818742.1	1887216	1615728	1919544	1552110
G3I6H6	1	1	2.206261	0.000151	2.309517	31C	37C	Glucosami	822329.6	812452.1	852064.5	606707.9	597504.8	514525.6	204862.1	233988	391289.7	391315	251351.1	348174.3	1348385	1319331	1695393	9452.593	1023723	554378.7	220173.8	233988	635006.7	584241.9	400947.5	469212.3
G3HCB6	1	1	1.958408	0.007183	2.316971	31C	37C	Putative tu	862565.8	685459.9	823219.9	218543.9	484574.4	434227.5	307033.5	297930.5	235287.7	192405.2	278809.5	202834.4	1414360	1113110	1638000	3404.944	830236.2	467861	329981.6	297930.5	381838	287265.2	444748.3	273347
G3GYX2	1	1	2.380268	0.031715	2.317588	31C	37C	Nucleolar p	52144.62	61844.18	37734.58	163249.4	32742.53	74321.47	67264.48	46968.63	14845.43	18217.59	17812.03	16993.6	85502.22	100428	75082.28	2543.449	56098.77	80078.12	72291.93	46968.63	24091.99	27199.26	28413.2	22901.19
G3I638	1	1	2.18177	0.000742	2.321326	31C	37C	Eukaryotic	592911.6	609863	728432.7	1667761	902302.7	860061.6	387891.7	325417.6	464295.2	378449.7	411869.9	341674.7	972204.9	990349.3	1449397	25983.94	1545943	926678.6	416883.3	325417.6	753484.2	565033.7	657002.2	460453.1
G3HXY1	2	2	13.09018	0.005251	2.32961	31C	37C	PDZ and LI	9594673	10659913	9278400	30905914	9541150	8865893	6114232	5897229	4715488	4511179	6251952	6355049	15732510	17310505	18461674	481518.4	16347145	9552610	6571218	5897229	7652556	6735290	9972922	8564292
G3IB71	4	4	11.2912	8.15E-05	2.330335	31C	37C	Glutaminyl	1496146	1253722	1542431	725465.2	1222940	1090054	428873.6	454795.3	567904.3	544401.3	483505.6	666316.7	2453251	2035905	3069049	11302.85	2095300	1174485	460928.2	454795.3	921626.7	812803.2	771273.2	897952.4
G3H6Y0	2	2	4.691822	5.43E-07	2.334391	31C	37C	Proteasom	767725.2	816298.6	752451.4	642704.8	826371.9	681116.3	305619	255639	415921.5	309577.5	308444.6	326784.8	1258849	1325578	1497188	10013.43	1415848	733872.9	328461.4	255639	674980.6	462206	492021.2	440386.9
G3HBP4	1	1	2.207711	0.016311	2.335236	31C	37C	Fumarylac	116562.9	49130.55	148735.7	172579.7	118814.2	73415.25	76559.01	62075.58	72357.62	16486.07	30569.37	32817.28	191129.8	79782.52	295946.5	2688.816	203568	79101.71	82281.14	62075.58	117426	24614.07	48763.33	44225.74
G3HCE1	1	1	2.899915	0.016903	2.337453	31C	37C	Protein far	732689.2	658775.2	814142.2	993579	340651.3	339426.6	491164.7	602581.9	128092.2	110084.8	146991.9	180696	1201400	1069777	1619937	15480.1	583648.3	365717.3	527875.1	602581.9	207875.2	164359.1	234476.9	243512.5
G3HEK9	1	1	3.207398	0.004742	2.340862	31C	37C	Opioid grov	313925.8	395605.2	298072	103043.8	328230.4	370729.3	94899.01	125108.2	127551.9	162379.1	146548	116565	514748.2	642418.5	593088	1605.436	562367.2	399444.6	101991.9	125108.2	206998.3	242435.5	233768.8	157087.2
G3HR57	1	1	2.574216	0.000276	2.351078	31C	37C	E3 ubiquiti	101133.8	177502.8	217512.2	143439	98547.82	146720.1	58490.7	68293.64	66378.83	76479.35	64666.92	42052.19	165830.3	288244.7	432794.5	2234.799	168845	158084.4	62862.38	68293.64	107723.3	114185.4	103154.7	56671.05
G3HUL2	1	1	2.483359	0.005572	2.353233	31C	37C	Aldehyde o	244737.3	297451.7	320024.6	743179.1	185451	204880.2	127592.9	125269.3	123702.3	138432.3	160370	172710.7	401298.9	483028.2	636768.2	11578.83	317738.8	220749.4	137129.4	125269.3	200751.1	206682.5	255817.3	232751.1
G3HP24	1	1	3.607815	0.005178	2.35503	31C	37C	Isoleucyl-tI	2623498	2041805	3138498	3574075	1658701	1549526	1989865	1589727	603506	514554.9	686487.6	809456.1	4301783	3315663	6244820	55684.58	2841902	1669546	2138590	1589727	979403.2	768241.8	1095064	1090852
Q80WZ6	1	1	2.056933	4.48E-06	2.368991	31C	37C	MESAU Hp	6495113	6436284	6772751	5369864	8345426	8215053	3459699	3244843	3088759	3066503	2242484	2472489	10650121	10451804	13476065	83663.22	14298474	8851359	3718281	3244843	5012611	4578356	3577141	3332015
G3HC35	1	1	2.907367	0.043568	2.375597	31C	37C	28S riboso	2104368	2423216	1609264	8170273	1289064	1649848	1208088	1447018	1121985	961918.2	942916.2	1577738	3450560	3935031	3202029	127294	2208593	1777639	1298382	1447018	1820820	1436165	1504111	2126216
G3GVI3	2	2	4.772045	2.66E-06	2.376949	31C	37C	Serine hydi	877082.3	838268.2	857198.7	572490.5	685579.7	590899.5	337227.9	332389.4	307204.9	342579.8	274379.6	266384.4	1438163	1361254	1705609	8919.48	1174625	636668.2	362432.8	332389.4	498549.2	511479.2	437681.8	358989.2
G3GVY7	3	3	7.659587	1.57E-07	2.377266	31C	37C	Nardilysin	1435617	1389551	1366324	1486925	1722745	1642230	555166.5	509620.6	728748.5	673049.3	657265	680264.8	2354000	2256475	2718639	23166.5	2951631	1769431	596660.4	509620.6	1182654	1004877	1048449	916749.3
G3HH39	2	2	5.971616	0.033751	2.380431	31C	37C	Elongation	1.47E+08	1.66E+08	1.47E+08	6.12E+08	1.1E+08	1.09E+08	92267067	88996221	92739230	89745059	81908282	96971499	2.42E+08	2.7E+08	2.92E+08	9535127	1.89E+08	1.18E+08	99163238	88996221	1.51E+08	1.34E+08	1.31E+08	1.31E+08
G3HYG2	4	4	13.00905	0.789492	2.38522	31C	37C	Eukaryotic	1032535	702216.6	1337784	17422065	579032	483575.3	1642374	1493311	1458531	1348000	1570612	1525000	1693061	1140321	2661853	271438.2	992073.3	521031.1	1765127	1493311	2366986	2012594	2505392	2055145
G3HI03	1	1	3.321127	0.030739	2.39314	31C	37C	U4/U6 sma	76840.66	112850.7	103565.6	118836.3	31770.49	25669.72	31230.12	32632.79	37895.91	43653.23	28154.51	22633.21	125996.6	183256.9	206069.4	1851.486	54433.35	27658	33564.3	32632.79	61499.59	65175.24	44911.21	30501.32
Q9Z2J2	1	1	4.406404	0.021949	2.412161	31C	37C	DNA-(apuri	1752777	1226350	2829100	646708.9	1443339	1250470	1348125	1037562	246749.1	181694.6	660168.3	318460.5	2874052	1991456	5629196	10075.81	2472917	1347327	1448885	1037562	400438.2	271274	1053080	429168.8
G3HLU1	2	2	4.888671	0.000156	2.412338	31C	37C	Ubiquitin-c	846156.4	881308.1	693041.2	1695542	860570.1	757601.1	375717	337365.9	449237.3	484224.6	335891.1	394602.1	1387454	1431146	1378977	26416.78	1474441	816281.9	403798.7	337365.9	729047.3	722958	535803.2	531780
G3GRD4	1	1	3.037446	3.78E-05	2.422193	31C	37C	MOSC dom	919612	910270.2	858696.2	790251.1	679176.3	781879.2	241065	242472.1	317967.5	301397.3	439409.1	497115.6	1507900	1478177	1708589	12312.22	1163654	842440.5	259082.6	242472.1	516015.4	449992.9	700931.9	669930.9
G3IMP5	1	1	2.383614	0.039533	2.425943	31C	37C	Protein ND	1091938	1237511	1483169	6277779	1451713	1175651	932263.8	1016886	717145.5	703845.5	873093.4	999165.6	1790464	2009579	2951131	97808.66	2487265	1266713	1001942	1016886	1163824	1050857	1392732	1346512
G3I2I1	8	8	21.56625	4.78E-08	2.430323	31C	37C	DNA helica	3656920	3624934	3481367	2804249	3358419	3298274	1241853	1158730	1458523	1559028	1424626	1478836	5996300	5886486	6927041	43690.58	5754082	3553745	1334671	1158730	2366973	2327663	2272519	1992933
G3GVP7	1	1	2.555835	7.02E-05	2.447525	31C	37C	ADP-sugar	1149180	884597.9	1100734	707007.5	1574054	1113865	409709.4	435345.9	593700.3	493681.6	335849.9	399484.9	1884326	1436488	2190183	11015.27	2696874	1200140	440331.6	435345.9	963489.9	737077.6	535737.4	538360.3
G3I3Y6	1	1	6.482141	0.045503	2.447891	31C	37C	Glutathione	30067410	31443019	35190292	1.55E+08	30582299	26441948	20914018	17255968	15703368	14532901	34943835	22878565	49301924	51059944	70019801	2419113	52397590	28490037	22477161	17255968	25484302	21697942	55741329	30831977
G3H4J1	1	1	2.822942	0.044852	2.448844	31C	37C	E3 ubiquiti	315401.3	304463.1	385970.5	51575.81	327635.2	300065.1	205126.1	323783.8	26599.58	49155.76	54985.55	28474.49	517167.7	494413.9	767983.8	803.5583	561347.4	323307	220457.5	323783.8	43167.28	73390.64	87711.25	38373.25
G3HUQ0	1	1	2.592354	0.009482	2.451973	31C	37C	UPF0363 p	1840632	2726539	1970959	8444492	2459771	3227353	1447956	1683692	1226572	1452978	1097083	1521561	3018109	4427594	3921711	131566.3	4214401	3477331	1556178	1683692	1990550	2169328	1750034	2050510
G3GYV4	2	2	5.497672	6.56E-07	2.452641	31C	37C	Ribosome I	710245.6	722404	599938.3	585280.1	572371	588340.5	224229	266983.8	238078.7	218474.2	243395.8	349455.2	1164599	1173103	1193726	9118.745	980660.7	633911	240988.1	266983.8	386367.3	326186.9	388257.5	470938.4
G3HLX5	1	1	2.950867	0.010783	2.458533	31C	37C	Bifunctiona	1278775	1448516	1544924	393509.7	686764.7	554554.3	520199.8	317205.4	307145.1	296705.6	529560.6	431853	2096823	2352228	3074009	6130.935	1176655	597507.8	559080.3	317205.4	498452.2	442988	844738.7	581980.6
G3HCN2	1	1	3.167717	0.00015	2.460505	31C	37C	CTP syntha	1053660	1597736	1456274	2515506	1154854	1041173	596262.3	626297.5	605229.7	559824.5	502254.1	694437.9	1727701	2594544	2897618	39191.93	1978648	1121818	640827.8	626297.5	982200.6	835830.4	801180.3	935849.5
G3I1V4	1	1	2.555632	0.005028	2.467984	31C	37C	Bifunctiona	662844.9	678534.9	764261.5	2576861	844794.2	889651.2	510743.8	517266.5	387772.8	410392.1	421710	352191	1086875	1101865	1520687	40147.85	1447412	958560.1	548917.5	517266.5	629299.4	612724.5	672698.8	474625.2
G3HRJ1	2	2	8.079538	7.29E-06	2.472671	31C	37C	FACT comp	3425510	3016640	3218051	4804376	2895994	2837176	1626805	1509402	1269847	1030256	1520235	1211847	5616854	4898685	6403109	74852.84	4961795	3056932	1748395	1509402	2060779	1538195	2425032	1633128
G3HT18	1	1	3.871799	0.000753	2.488673	31C	37C	Nucleosom	3871291	3709597	3705277	4561251	1987688	1724054	1151764	1016955	1544153	1422986	1111116	1612297	6347807	6023970	7372567	71064.92	3405567	1857592	1237849	1016955	2505938	2124549	1772419	2172789
G3H5Q3	1	1	2.421404	6.15E-05	2.491103	31C	37C	DNA misma	540888.7	497265.7	630144.3	568022.1	486949.7	378112.5	323983.5	232477.2	208664.5	183542.3	158902.4	137413.9	886902.3	807503.9	1253828	8849.862	834305.8	407399.6	348198.5	232477.2	338632.4	274032.7	253476.3	185183.9
G3HN65	1	1	3.252929	0.04703	2.506003	31C	37C	Ras suppre	1151021	891365.2	1109624	5226199	889621.9	923273.7	937823.2	766016.3	499994.6	478716.3	665776.8	718349.9	1887345	1447477	2207872	81424.9	1524216	994786.9	1007917	766016.3	811419.2	714734	1062027	968074.2
G3I5Q4	2	2	5.795726	2.15E-07	2.506163	31C	37C	Heterogen	5966325	6044875	5547170	3853780	5340906	5437141	2023235	1940673	2139045	2106674	2277478	2357308	9783060	9816200	11037469	60042.42	9150737	5858281	2174454	1940673	3471362	3145311	3632963	3176794
G3HIQ1	1	1	3.18844	0.019077	2.523776	31C	37C	Peptidyl-pr	169266	126582.5	269174	494135	173972.3	119128.9	170153.4	121120.8	38704.3	95944.1	33210.15	76674.92	277547.7	205555.9	535588.4	7698.692	298072	128356.1	182870.9	121120.8	62811.5	143246.7	52975.81	103329.9
G3IGH9	1	1	2.54284	0.008186	2.528558	31C	37C	Ras-relate	51867.26	46591.08	86654.22	203384	67795.53	103065	27319.13	40854.7	24695.8	39888.58	58563.47	29894.17	85047.42	75658.7	172420	3168.75	116156.2	111048	29361	40854.7	40077.73	59554.53	93418.65	40286.46
G3HRF8	2	2	7.995912	3.16E-06	2.532732	31C	37C	CD166 anti	3721844	3823176	3201033	4478442	2816196	3323242	1182379	1129171	1454581	1241539	1771288	1656176	6102755	6208410	6369248	69774.75	4825076	3580648	1270752	1129171	2360574	1853645	2825505	2231922
G3HWP7	5	5	12.37573	0.004391	2.532759	31C	37C	FACT comp	2816121	3015688	2717946	891531.8	3923962	3857108	973159.3	1000670	1247323	1108745	1155631	1314313	4617631	4897141	5408026	13890.19	6723045	4155865	1045895	1000670	2024225	1655380	1843427	1771216
G3GXQ3	2	2	4.650557	0.029834	2.533988	31C	37C	Trifunction	271575.7	410477.1	320147	1274585	254034.4	215457.1	224923.4	267812.1	117571.5	136855.4	118207.4	218406.6	445306.2	666568.9	637011.8	19858.2	435244.8	232145.5	241734.4	267812.1	190801.5	204328.2	188560.8	294332.6
G3H832	1	1	2.285719	0.000898	2.534788	31C	37C	Translation	3990236	3915603	4565670	2837473	2910498	4140893	2024311	2790963	851172.2	875012.6	894274.2	1385665	6542842	6358500	9084532	44208.22	4986646	4461630	2175611	2790963	1381330	1306413	1426519	1867372

O95202	1	1	2.972727	0.010994	2.537538	31C	37C	LETM1 and	1721559	1731463	1775172	6246644	1465351	1393248	788198.5	632457.4	926597.5	828313.7	1364859	1108134	2822863	2811701	3532144	97323.57	2510630	1501164	847109.6	632457.4	1503734	1236691	2177181	1493362
G3I2Q7	1	1	2.898001	0.000719	2.547672	31C	37C	Transcripti	2862369	2933565	2103768	7207219	3934630	3660283	1453992	1157162	1514205	1437615	1529338	1818504	4693464	4763781	4185967	112289.5	6741322	3943794	1562666	1157162	2457337	2146391	2439552	2450681
G3H8N3	1	1	4.111211	2.03E-10	2.550202	31C	37C	60S riboso	2532570	2651724	2445064	2514026	2420841	2330317	915704.5	896370.3	915495.4	1025093	993498.9	1094372	4152688	4306102	4865060	39168.88	4147701	2510814	984145.6	896370.3	1485717	1530486	1584799	1474814
G3HC01	1	1	2.659572	0.000917	2.553314	31C	37C	Tropomyos	4009895	4764285	3817366	12741387	6061006	6395597	2407085	2250682	2646122	2629740	2423062	2443498	6575077	7736666	7595595	198512.6	10384507	6890975	2586994	2250682	4294275	3926260	3865194	3292946
G3I306	6	6	15.15585	3.97E-05	2.554769	31C	37C	Eukaryotic	3912534	3842232	3896211	2062184	4743190	4808431	1506391	1342888	1632141	1420250	1567344	1637398	6415433	6239355	7752476	32129.11	8126652	5180873	1618980	1342888	2648730	2120465	2500179	2206617
G3IGW0	2	2	8.434786	0.000243	2.564526	31C	37C	Protein CTI	44696727	46713150	41969641	23189472	64461501	66056330	16993619	16396838	20293287	19946956	17622149	20692518	73289806	75856926	83508994	361295.2	1.1E+08	71172792	18263747	16396838	32933078	29781245	28110310	27885981
G3GR83	1	1	3.043726	5.66E-05	2.576354	31C	37C	1,5-anhydr	795640.5	851658	751343.6	413304.2	847669.2	841113	287844.6	201284.8	363976.8	296421.4	284332.9	313076.7	1304622	1382997	1494984	6439.336	1452338	906262.3	309358.5	201284.8	590681.9	442563.7	453559.1	421913.5
G3HKQ9	1	1	2.135205	0.000253	2.578303	31C	37C	SWI/SNF c	423860.9	572710.9	326616.2	527291.9	488022.9	510219.7	105416.9	126390.5	246737.9	281007.4	142317.1	203013.2	695010.2	930018.4	649883.8	8215.281	836144.5	549739.3	113295.9	126390.5	400420	419550.2	227019.8	273587.8
G3INU6	1	1	3.391322	0.007419	2.595901	31C	37C	UDP-gluco:	5597338	6580742	4571284	12819687	2808027	2778317	2536946	2379401	2512715	2209591	1627506	2276499	9178028	10686388	9095702	199732.5	4811079	2993514	2726561	2379401	4077774	3298969	2596147	3067892
G3HCT4	4	4	20.13699	0.002761	2.600448	31C	37C	Putative AT	8954487	9962819	9420337	2754822	11119087	11098539	3508859	3248693	3498692	3398230	3272681	3573198	14682789	16178502	18744093	42920.51	19050672	11958188	3771116	3248693	5677873	5073632	5220479	4815370
G3GXT2	3	3	9.719992	0.008176	2.605988	31C	37C	CAD protei	788053.6	619401.9	724636.9	170001.8	559528.2	358090.4	192762.6	113821.3	249517	179293.5	237479.2	262632	1292182	1005839	1441845	2648.651	958656.8	385826.7	207170	113821.3	404930	267689.2	378819.5	353932.3
G3HEN3	2	2	5.962889	4.49E-05	2.606789	31C	37C	Protein HIF	985884.2	974248.9	894013.1	443277.9	812155	779056	348335.3	377473.6	253684.4	327182.8	300230.9	268440.2	1616567	1582071	1778860	6906.331	1391490	839398.6	374370.4	377473.6	411693.2	488491.2	478919	361759.7
G3I3Z5	2	2	11.52745	0.033204	2.607189	31C	37C	Coronin | C	18981136	19825483	18119829	98537089	17901567	17760352	11874216	10429985	12125438	11261506	14812497	12803449	31123616	32194366	36053888	1535221	30671302	19135999	12761712	10429985	19677837	16813676	23628439	17254388
G3IHH9	2	2	5.650567	0.030361	2.618416	31C	37C	Isoamyl ac	2094083	2315646	2363886	12670734	2869960	2651967	1565526	1418116	1632494	1560069	1415907	1942766	3433695	3760350	4703537	197411.8	4917191	2857378	1682536	1418116	2649302	2329217	2258611	2618141
G3IEA7	1	1	2.048908	0.011785	2.635395	31C	37C	Exosome c	152060.5	218646.7	279799.9	229812.6	81033.75	90071.13	132039.7	99658.36	33292.2	24697.8	45842.83	63431.98	249335.6	355057.8	556731.2	3580.512	138837.6	97047.69	141908.5	99658.36	54028.43	36874.35	73127.06	85483.22
G3I7D8	1	1	2.79699	0.032021	2.63797	31C	37C	Apoptosis-	2036527	2290825	2084007	9551675	1646352	1511346	1734649	1686925	951928	817562.1	1056513	1000698	3339320	3720043	4146648	148816.4	2820745	1628409	1864299	1686925	1544842	1220638	1685317	1348577
G3HTA6	4	4	10.97086	0.00163	2.646376	31C	37C	EPM2A-int	1089297	1376586	1146264	3825198	1142455	1378378	566587	671668.9	569189.3	656906.8	537931.3	760665.8	1786134	2235422	2280777	59597.11	1957403	1485142	608934.6	671668.9	923712.1	980776.3	858091.4	1025101
G3I783	2	2	7.293351	5.19E-05	2.648086	31C	37C	Heterogen	1146770	1042528	1217645	1203542	839790.3	731226.4	510258.3	541433.7	319187.1	275955	403246.6	284247.9	1880374	1692949	2422807	18751.35	1438838	787864.4	548395.7	541433.7	517994.6	412007	643246.5	383062.7
G3GVZ0	2	2	5.356886	0.008162	2.654512	31C	37C	Protein KTI	278937.8	287139	269897.6	159845.1	172399.8	110307.9	150961.3	153709	27649.43	35015.03	78998.42	35309.84	457377.9	466281.7	537028.1	2490.408	295377.8	118851.9	162244.4	153709	44871.04	52278.22	126015.8	47584.8
G3H4A3	1	1	3.166796	0.004762	2.657101	31C	37C	Pyroglutam	1259718	1248445	939095.3	2824338	637363.8	693707.5	366890.3	397113.4	438551.5	513079.1	442152.7	703477.1	2065576	2027336	1868563	44003.57	1092015	747439.4	394312.2	397113.4	711705.8	766038.4	705308.3	948031
G3H0E8	1	1	2.848064	0.033545	2.664481	31C	37C	Snurportin	308491.3	288409.8	678380.1	1164300	202240.1	264089.9	377333.8	464777.6	44702.62	54486.22	60064.36	89245.97	505837.2	468345.2	1349805	18139.96	346504.2	284545.2	405536.3	464777.6	72545.9	81349.13	95812.82	120271.1
G3GUQ4	1	1	2.651545	0.000113	2.670328	31C	37C	GRCC10 |	578395.7	615034.8	610463.5	618716.3	461043.7	362665.9	307559.4	269224.9	144847.1	158350.5	202233.5	133485.4	948403	998747.6	1214668	9639.686	789920.3	390756.5	330546.8	269224.9	235066	236420.8	322596.6	179889.8
G3GZ89	3	3	11.019	6.65E-06	2.673148	31C	37C	Inosine-5'-	3824486	3733126	3603001	1933915	3034121	2731915	1213353	1060623	1254064	1087051	1109872	1330599	6271059	6062178	7169062	30130.66	5198453	2943518	1304041	1060623	2035165	1622991	1770433	1793163
G3GUU6	1	1	2.350224	0.006528	2.675896	31C	37C	Non-specif	496178.4	412411	586534	1585710	376956.2	394215	156437.5	210598.8	221543	214311.6	221428.8	415199.9	813590.2	669709.3	1167055	24705.57	645850.5	424749.3	168129.8	210598.8	359532.3	319972	353216.3	559538.3
G3H1D2	1	1	2.838917	0.042128	2.677115	31C	37C	Tripartite m	532655.2	634020.6	659340.5	2547319	352987.6	336846.4	293324	252326.6	281181.5	372555.9	327817.1	364072.8	873401.6	1029578	1311921	39687.58	604784.5	362937.2	315247.5	252326.6	456316.9	556234.3	522923.8	490637.6
G3H4T5	2	2	5.424238	0.000406	2.713364	31C	37C	Glypican-1	587756.4	628325.4	534063.6	1659969	871793.5	807853.8	289113.3	241341.6	345670.3	323741.8	354736.3	321209	963751.8	1020330	1062652	25862.55	1493671	870427	310722.1	241341.6	560973	483353.6	565864.4	432872.8
Q60456	5	5	15.55951	9.75E-07	2.713622	31C	37C	Tubulin bet	3143358	3330881	3137675	2165358	3984486	3384790	1110797	1125165	1090193	1056571	1400577	1272416	5154205	5408977	6243182	33736.58	6826741	3646963	1193819	1125165	1769226	1577483	2234157	1714754
G3I105	1	1	2.663983	0.000144	2.716984	31C	37C	Forkhead b	335615.2	332944.5	165545.8	226423.9	401007.5	349485.2	79748.36	91793.12	144040.4	109133.8	137274.4	104565.9	550312.7	540664.5	329394.3	3527.716	687058.4	376555	85708.86	91793.12	233756.8	162939.2	218976	140916.8
G3HAI5	1	1	2.121123	0.042141	2.717188	31C	37C	NADH dehy	2599691	1088129	2856156	2994792	515836.1	1122232	1189533	1464530	193923.5	103972.2	877367.5	284057.4	4262747	1767000	5683031	46659.28	883797.8	1209155	1278440	1464530	314709.9	155232.8	1399550	382806
G3H1A1	1	1	2.656435	0.009952	2.746438	31C	37C	THO compl	638204.4	725977.7	742057.5	2253494	452433.5	388504.9	303902.6	255913.2	406166.6	257400.3	355979.1	314244.7	1046472	1178906	1476507	35109.75	775168.2	418597	326616.7	255913.2	659149.8	384304.3	567847	423487.4
G3HMF9	1	1	4.487906	0.001374	2.758738	31C	37C	Small acidi	458732.9	515255.1	487619.1	1074079	489844.6	358178.8	106112.1	126898.2	163602.8	263416	268294.4	298218.9	752190.3	836716.6	970239	16734.3	839265.7	385921.9	114043.1	126898.2	265503.7	393285.9	427974.9	401890.6
G3HS46	1	1	2.038422	0.003728	2.759386	31C	37C	Dynactin su	104984.3	69045.96	101889.2	63551.32	83580.67	46374.65	17290.31	8164.449	40118.37	24209.01	60027.85	20309.8	172144.1	112122.9	202733.9	990.1382	143201.3	49966.65	18582.61	8164.449	65106.34	36144.58	95754.57	27370.22
G3HES5	2	2	6.070708	0.000235	2.790914	31C	37C	Double-str	441266.6	469328.5	495525.8	1032366	351928	370340.9	165010.4	157443.5	164080.1	205613.1	196876.3	243493.1	723550.7	762137	985971.2	16084.41	602969	399026	177343.5	157443.5	266278.4	306984.9	314051	328140
G3HUM2	2	2	5.616631	3.86E-06	2.791273	31C	37C	F-box only	932172.1	1058607	890295.8	903917.3	735796.8	1035408	393938.7	361270.5	252297	267751.8	259763.6	455538.3	1528495	1719059	1771464	14083.16	1260663	1115607	423382.3	361270.5	409441.7	399759.4	414367	613899.7
G3ILX2	1	1	2.343546	0.006438	2.79197	31C	37C	26S protea	171704	169002	167137.5	199533.6	275276.4	250325	15508.25	46183.69	115021.4	97648	25218.84	142035.8	281545.3	274440.3	332561.5	3108.761	471639.5	269714.2	16667.36	46183.69	186663.1	145790.6	40228.31	191412.6
G3HMV2	2	2	4.353686	0.001684	2.797358	31C	37C	60S riboso	2732688	2415108	2579602	4587164	1381284	1093583	871932.4	792455.6	880773.4	822276.8	1161218	758271.2	4480825	3921865	5132756	71468.65	2366596	1178288	937101.9	792455.6	1429368	1227677	1852339	1021873
G3IBI4	1	1	2.534137	0.008515	2.80864	31C	37C	Putative AT	486951.8	326792.3	612788.1	2098887	685888.5	595373.9	254395.7	343995.3	263469.2	252415.5	280268.6	316846.6	798461.2	530674.1	1219294	32700.95	1175154	641489.2	273409.6	343995.3	427572.6	376862	447075.9	426993.9
G3H601	1	1	2.52189	0.004663	2.834266	31C	37C	Mitochond	1517421	1295010	1494168	5078525	1183989	1153485	504943.1	573089.9	684811.9	620118.4	863406.3	889655.8	2488135	2102952	2973017	79124.11	2028565	1242829	542683.3	573089.9	1111351	925850.5	1377279	1198932
G3IFL2	2	2	11.43008	0.000734	2.872507	31C	37C	Multifuncti	21883048	19958729	23224408	44242173	12402197	15972667	9476991	10756718	5911858	5184121	8702321	7899369	35881919	32410741	46210711	689299.1	21249063	17209847	10185314	10756718	9594092	7740007	13881675	10645473
G3I9E3	1	1	2.081239	0.005489	2.877581	31C	37C	Ribosomal	97545.77	88224.29	76460.4	17718.33	49126.14	49649.46	25865.94	25212.17	17715.14	18489.86	24765.84	19563.1	159947.1	143266.4	152136.9	276.054	84169.32	53495.11	27799.2	25212.17	28749.12	27605.77	39505.71	26363.94
G3GUQ7	2	2	4.557764	7.81E-05	2.886318	31C	37C	EMG1 | EM	103668.9	135794.8	162416.8	276566.7	154354.6	154373	60258.09	54036.84	39310.54	58007.97	50403.83	80001.47	169987.3	220515.6	323168.4	4308.947	264460.5	166330.1	64761.87	54036.84	63795.33	86607.18	80402.64	107812.9
G3H8E7	1	1	2.574692	0.047484	2.892335	31C	37C	Mannose-1	1538665	1876662	2932220	2988415	322814	587550.2	1264295	1623193	89302.45	109963.5	303010.6	152814.7	2522968	3047489	5834377	46559.91	553087.1	633059.5	1358790	1623193	144925	164177.9	483353.2	205938.6
G3H037	5	5	12.2631	0.010107	2.894309	31C	37C	U5 small n	2752995	3518425	3086243	15494869	3659024	3472960	1683126	1695924	1802823	1938745	1714531	2215683	4514122	5713529	6140844	241412.2	6269118	3741962	1808925	1695924	2925721	2894589	2734967	2985934
G3HQR1	2	2	6.075443	4.07E-05	2.895978	31C	37C	Guanine n	1198250	1638620	1095430	2745159	1742929	1533873	477619.5	601039	550796.7	697927.5	464209.5	645678.1	1964786	2660935	2179628	42769.96	2986214	1652681	513317.4	601039	893863.6	1042021	740492.7	870139
G3I4G8	1	1	6.705012	0.021441	2.908814	31C	37C	BolA family	7232723	8094503	6609641	39177125	7024905	6578084	3870428	3387246	4457751	4030805	4938541	5001636	11859590	13144567	13151518	610385	12035985	7087597	4159710	3387246	7234286	6018080	7877809	6740385
G3HLM6	1	1	2.458934	0.00065	2.912748	31C	37C	Protein HE	614432.6	506818.4	454440.8	1319984	343189.9	405448.5	196073.8	224856.3	200926	192358.9	200910.1	236035.3	1007493	823016.3	904222.6	20565.54	587997.8	436852.9	210728.6	224856.3	326073.9	287196.1	320485.6	318089.7
G3GXG4	1	1	1.95648	0.039765	2.923435	31C	37C	Lanosterol	32859.22	92306.2	85721.43	180849.7	24623.19	41031.99	49064.57	26082.33	6055.325	11376.52	34159.72	29718.47	53879.69	149894.9	170564	2817.663	42187.67	44210.17	52731.72	26082.33	9826.919	16985.39	54490.54	40049.68
G3HQX0	2	2	5.463415	0.034844	2.923982	31C	37C	40S riboso	1204008	1107637	1088637	6048765	960677.6	726094.3	786287.7	598626.5	612147.6	540661	711342.8	559377.3	1974227	1798678	2166114	94240.6	1645958	782334.7	845056	598626.5	993427.2	807218.9	1134712	753837
G3GRW2	2	2	4.839215	0.007426	2.927685	31C	37C	EMC8 |	290310.2	324563.3	255916.8	1212179	279229.2	229565.6	148242.9	143065	128723.6	124787.1	209024.6	131417.3	476025.5	527054.4	509209.9	18885.91	478411.9	247346.9	159322.8	143065	208899.9	186309.9	333429.5	177102.6
G3HC77	1	1	3.560649	0.011345	2.927771	31C	37C	Cell divisio	1652639	1562254	1487731	261223.6	1440573	1521217	353583.5	366447.3	485401.5	498901.7	482433.9	520287.8	2709854	2536925	2960210	4069.9	2468178	1639045	380010.8	366447.3	787736.6	744871.3	769563.8	701158.6
G3I255	13	13	51.36251	0.006719	2.9371	31C	37C	L-lactate d	4.53E+08	4.21E+08	8.12E+08	7.52E+08	2.23E+08	2.42E+08	2.72E+08	3.12E+08	83377903	83358672	1.27E+08	1.12E+08	7.43E+08	6.84E+08	1.62E+09	11715208	3.82E+08	2.61E+08	2.92E+08	3.12E+08	1.35E+08	1.24E+08	2.02E+08	1.51E+08
G3HYU7	10	10	28.44316	0.001795	2.94167	31C	37C	Exportin-5	2043365	2218719	2140512	8150092	2598413	2549128	1197347	1320809	939041.6	937760.5	1001535	1300462	3350533	3602951	4259080	126979.6	4451940	2746573	1286838	1320809	1523929	1400097	1597617	1752549
G3GR90	2	2	8.135191	0.016164	2.949315	31C	37C	Isopenteny	8079874	3441885	13135008	8706397	2575085	2820908	3617671	3664901	1330913	1307664	1876118	1344482	13248675	5589236	26135352	135646.9	4411972	3039404	3888061	3664901	2159880	1952372	2992726	1811872
G3HEQ3	1	1	2.437934	0.001159	2.959374	31C	37C	Ran-specif	221605.8	147971.3	243590.1	112077.5	150226	68119.21	36035.27	34284.34	52763.77	49811.26	70137.94	75815.23	363369.9	240288.8	484682.9	1746.183	257386.8	73395.45	38728.6	34284.34	85627.98	74369.31	111881.9	102171.3
G3HS06	2	2	5.419589	0.016084	2.961861	31C	37C	40S riboso	277189	185798.7	520804.6	279645.3	360497	605879.3	85453.61	144706.6	6795.477	26044.61	462943.6	26898.4	454510.5	301716.3	1036270	4356.913	617650.6	652808.3	91840.54	144706.6	11028.08	38885.18	738473.4	36249.25
G3HAN3	1	1	2.342447	0.025757	2.969482	31C	37C	RNA-bindir	744992.7	709612.9	775044.2	4392009	749036	726271.2	564775.9	547696.1	408005.4	390090.5	400784.6	415373.9	1221574	1152332	1542142	68428.1	1283346	782525.3	606988	547696.1	662134	582413.8	639319.3	559772.9
G3I2K8	2	2	6.197015	0.006283	2.97554	31C	37C	RRM2 | RRI	586015.7	506190.9	677114.3	163233.6	372446	385895.6	308874.3	268582.5	87109.37	76871.57	57426.03	105475	960897.6	821997.4	1347287	2543.202	638123.2	415785.6	331960	268582.5	141365.9	114770.9	91604.24	142141.9
G3HLM2	1	1	2.824601	0.04012	2.985578	31C	37C	Glycylpept	1727607	988446.7	2939543	5277344	1006230	624373.8	958246.7	1471378	283784	242203.5	833124.5	419340.3	2832780	1605127	5848949	82221.75	1724005	672735.3	1029867	1471378	460540.5	361615.2	1328974	565118
G3H5A9	1	1	2.233968	0.042473	2.98709	31C	37C	Exosome c	607348	601144.7	311970.3	2377721	389290	264863.3	160803.2	204422.2	194760.3	454259.1	154662.6	355096.8	995876.4	976191.7	620742.1	37045.22	666982.5	285378.6	172821.8	204422.2	316067.8	678218.9	246713	478541.3
G3IN86	1	1	2.07792	0.028342	2.988779	31C	37C	DPP7 | DPF	11222060	7073157	25248500	31394278	7078651	7105590	10932260	9889124	1998326	1328235	4751336	919664.4	18400958	11486015	50238143	489127.2	12128069	7655961	11749353	9889124	3242995	1983085	7579185	1239373
G3H6U1	5	5	19.93713	0.019873	2.999694	31C	37C	Nucleolar F	5910782	7331715	5715489	37375897	7219844	7111014	4090499	4174880	3504734	3999540	3448002	4339664	9691987	11905885	11372381	582321.6	12369980	7661805	4396229	4174880	5687678	5971401	5500147	5848287
G3H5V0	1	1	2.508296	0.008873	3.0053	31C	37C	Importin su	1215043	1230603	1133393	246752.2	1048372	954949.6	500953.1	509708.6	344653.7	288292.9	146189.8	149812.8	1992322	1998361	2255166	3844.433	1796208	1028916	538395	509708.6	559323.2	430427.7	233197.5	201893.1
G3HWQ6	1	1	2.789064	0.022756	3.010599	31C	37C	Protein SO	435146.9	348970.5	306084.7	2124684	372615.4	463288.7	209039.5	288481.7	216307.3	165679.6	147146.1	318855.3	713516	566689	609031.3	33102.86	638413.3	499173.2	224663.4	288481.7	351035.5	247363.3	234722.9	429700.8
G3HPR6	1	1	2.650521	0.020923	3.012421	31C	37C	Tubulin-fol	1262859	1492269	1195667	7584538	1275428	1362683	775737.4	831527	750056.4	741422.5	927020.1	679237.1	2070727	2423278	2379075	118168.1	2185229	1468231	833717.1	831527	1217233	1106960	1478754	915364.3
G3HD67	1	1	2.418624	0.005763	3.017207	31C	37C	PRPS1 | PR	2511751	2500904	3110534	8502097	1879909	1418004	760794.9	867612.3	1230252	1244980	1046421	1453133	4118552	4061189	6189177	132463.8	3220905	1527837	817657.8	867612.3	1996522	1858782	1669219	1958294
G3I863	1	1	3.14719	0.002776	3.028112	31C	37C	Ephrin type	491474.2	575560.5	437015.7	143204.5	648963.2	668897	106450.4	116976.2	182894.5	197773.5	173072.5	202028.7	805876.6	934645.8	869551	2231.145	1111889	720707.2	114406.7	116976.2	296811.4	295280.3	276079.9	272261.2
G3HP75	2	2	5.244305	0.016152	3.031122	31C	37C	D-3-phospl	2554235	2570652	2838823	8057473	992754.8	1367642	1240749	1322637	693805.1	862708	817446.6	1126936	4188213	4174452	5648542	125536.5	1700917	1473574	1333485	1322637	1125946	1288042	1303966	1518699
G3HAR3	1	1	2.783605	0.038973	3.034814	31C	37C	RNA-bindir	296110.2	320794.2	265749.7	40138.12	435562.6	458533	88927.51	65538.53	82092.34	100602.9	123316.3	138204.2	485535.8	520933.8	528774.9	625.3575	746262.7	494049.1	95574.08	65538.53	133224	150202.4	196710.4	186248.9
G3H0S4	1	1	3.207174	0.014293	3.049043	31C	37C	Sorbitol de	171760.3	217608.3	330063.7	1187727	311913.7	251018.8	171279.6	187641.4	82868.52	102274.2	166164.4	99892.34	281637.6	353371.6	656743.4	18504.95	534411.3	270461.8	184081.2	187641.4	134483.7	152697.6	265060.3	134618.5
G3HA18	1	1	2.133418	0.024541	3.052693	31C	37C	Huntingtin-	365157.5	313741.7	268101.6	1742647	312571.1	238567.8	144033.9	127263.3	239726	186833	175213.4	188546	598753.6	509481.4	533454.5	27150.68	535537.6	257046.4	154799.2	127263.3	389040.7	278945.9	279495	254091.4
G3I4B6	1	1	3.916628	0.005681	3.054592	31C	37C	G-rich sequ	815217.1	575258.8	541565.3	1859497	344232.9	497474.2	194642	127192.4	257371.3	204182.7	248483.5	484941.3	1336722	934155.9	1077578	28971.22	589784.8	536006.6	209189.8	127192.4	417676.4	304849.3	396373.2	653524.3
G3GZ85	2	2	6.374624	0.000987	3.055183	31C	37C	Staphylocc	1488907	2010790	1533731	4860061	1388855	1128889	674505.7	684248.5	696287.5	581438.5	679291.7	746581.8	2441380	3265297	3051737	75720.41	2379568	1216329	724919.2	684248.5	1129974	868100.6	1083585	1006120
G3I9X8	3	3	8.030708	0.040835	3.056286	31C	37C	Spectrin al	818904.2	897934.6	768698	5769718	889530.6	869582.7	623255.6	575351.6	575687.3	523351.3	384087.7	594913.3	1342768	1458145	1529515	89893	1524060	936937.1	669838.6	575351.6	934257.4	781375	612684.8	801726.6
G3GSH2	2	2	5.618661	0.000137	3.057578	31C	37C	Putative ub	2339163	2480381	2730414	7059725	2799370	2850361	1210801	1265871	987925.1	954957.3	1036738	1169676	3835556	4027860	5432835	109991.5	4796246	3071138	1301298	1265871	1603260	1425772	1653772	1576298
G3HRK5	1	1	2.22286	0.007004	3.065388	31C	37C	Cell divisio	932904.9	1097731	885369.8	4536908	1115475	1127055	732091.4	633119.7	525571.1	533437.6	297994.3	440662.7	1529696	1782593	1761663	70685.64	1911178	1214352	786809	633119.7	852926	796434.1	475351.4	593852.9
G3HZG6	3	3	8.034908	0.000143	3.06705	31C	37C	Large proli	1010764	1233317	874403	2734443	1011310	1156375	374367.7	404789.4	434414.5	406348.1	435144	560026.7	1657363	2002769	1739841	42603	1732708	1245943	402348.5	404789.4	704992.1	606686.6	694128.3	754712.1
G3I7Z8	1	1	2.882141	0.045887	3.086217	31C	37C	Importin-7	1242794	1630169	1518584	10218143	1501827	1430414	1332345	1141624	766624.9	746784.7	640407.9	1056172	2037826	2647212	3021600	159200.1	2573125	1541209	1431926	1141624	1244122	1114966	1021559	1423336
G3IFQ8	1	1	2.251657	0.009523	3.093873	31C	37C	15 kDa sel	230342.4	206903.5	463283.3	602036.8	119676.8	146474.5	207674.8	101799.3	52579.45	59621.54	98904.97	51103.85	377695.5	335988.1	921816.8	9379.817	205046	157819.8	223196.7	101799.3	85328.87	89016.28	157770.2	68869.38

G3GS70	7	7	23.5045	0.008276	3.102152	31C	37C	Importin-5	7294373	8429722	6535206	36625379	7720612	7492709	4869714	4609642	3872222	3582891	3020744	3930784	11960678	13688925	13003410	570628.4	13227960	8073064	5233683	4609642	6284059	5349335	4818599	5297265
G3HF46	2	2	10.58703	0.000675	3.106734	31C	37C	Polypyrimi	4068211	3946919	2995430	12242016	4090539	3605323	1798929	1640818	1796186	1663256	1383304	1679233	6670699	6409354	5960149	190732.3	7008445	3884577	1933383	1640818	2914951	2483278	2206604	2262995
G3GXD7	4	4	11.83354	0.013386	3.142134	31C	37C	Fatty acid s	5788751	4772487	8174573	21999590	3281565	3336127	3195689	3175870	1971807	1840612	2641092	2245291	9491890	7749985	16265336	342756.6	5622406	3594531	3434540	3175870	3199958	2748075	4212989	3025835
G3GWB9	2	2	5.872898	0.008779	3.143443	31C	37C	Acyl-coenz	439630.6	267647.4	921249.8	338511.2	184115.6	287750	118691.8	169397.3	46966.9	43755.97	326321.3	70737.16	720868	434629.4	1833055	5274.052	315450.8	310038	127563	169397.3	76220.51	65328.63	520537.6	95327.94
G3GY75	6	6	18.8782	0.014563	3.170817	31C	37C	Eukaryotic	7053285	10420594	8274990	43389918	7659994	6888702	5372391	6342349	3358499	3713302	3783412	3823086	11565364	16921877	16465141	676020.9	13124103	7422273	5773931	6342349	5450360	5544042	6035182	5152128
G3HXL1	1	1	2.668839	2.31E-10	3.177921	31C	37C	Poly(rC)-bi	6278800	7030334	5713153	6469591	5676189	6096868	1842509	1764754	1959357	1886207	2153074	2120299	10295431	11416476	11367732	100797.1	9725189	6569107	1980221	1764754	3179753	2816149	3434518	2857391
G3HUX4	4	4	17.89726	6.66E-06	3.183913	31C	37C	Ubiquitin c	1840179	1973279	1852300	3821672	1674620	1761025	591293.9	618978.1	705206.1	714832.7	702001.5	726553	3017365	3204385	3685610	59542.18	2869177	1897427	635488.1	618978.1	1144448	1067261	1119811	979129
G3HSF8	1	1	2.451873	0.000328	3.198283	31C	37C	Cordon-ble	643261.1	706230.9	619594.7	1988077	587126.1	621256.7	228908.5	243075.8	285447.6	275380.4	307378.8	274908.9	1054764	1146840	1232837	30974.51	1005941	669376.8	246017.4	243075.8	463240.3	411149	490321.2	370477.1
G3IFJ5	2	2	6.050996	0.018463	3.205651	31C	37C	Glutathion	4909090	2289622	5617093	14202401	2533782	4142060	2474148	2185832	476571.1	518620.3	3965807	889849.6	8049499	3718091	11176598	221275.4	4341206	4462888	2659069	2185832	773406.1	774311.6	6326133	1199193
G3HS83	1	1	1.951065	0.008336	3.221337	31C	37C	Death dom	867750.5	1204717	1088590	2221879	444501.9	684407.7	623796.5	794300.7	143403.7	164534.8	92918.23	202519.5	1422862	1956326	2166020	34617.18	761578.7	737419.2	670419.9	794300.7	232723.6	245654.1	148220.3	272922.6
G3HCK7	2	2	4.93068	0.000214	3.287689	31C	37C	General tra	116111.2	156904.7	155707.5	64927.71	97791.14	119710.3	16488.33	34088.58	57135.35	41760.99	35116.36	31718.12	190389.1	254795.6	309818.6	1011.583	167548.6	128982.6	17720.69	34088.58	92722.43	62350.08	56016.54	42744.48
G3HHR9	1	1	2.468752	0.042793	3.30229	31C	37C	Integrin alp	437236.2	413748.6	440854.5	40648.65	598874.7	418916.5	123449.3	121153.9	141263.9	116306.7	91675.92	117862.2	716942	671881.4	877189.1	633.3116	1026070	451364.1	132676.1	121153.9	229250.9	173648.5	146238.6	158835.3
G3H412	4	4	17.30412	0.000107	3.345884	31C	37C	Proliferatin	18933245	25738610	19063227	51812808	17035549	16324790	7955511	8086433	6728828	7485535	6589351	7659243	31045090	41796622	37931011	807250.7	29187527	17589244	8550117	8086433	10919917	11176069	10511129	10321871
G3GY25	1	1	4.129758	0.033193	3.35356	31C	37C	Nuclear po	310801.7	286578.2	256874.1	24847.68	214150.1	230113.4	57675.8	52142.75	61073.88	60130.27	65501.8	98090.5	509625.5	465370.9	511114.6	387.1302	366909.9	247937.1	61986.57	52142.75	99114.1	89775.81	104486.4	132190.3
G3GWX0	1	1	2.571415	0.023699	3.35908	31C	37C	Exocyst co	135090.4	167900.6	218673.6	1063790	142425.4	182211	71947.14	71663.64	172775.6	60191.21	100518.5	91538.92	221509.4	272651.7	435105.2	16573.99	244021.7	196324.3	77324.57	71663.64	280389.8	89866.8	160344	123361.1
G3I905	2	2	4.238186	0.001942	3.387128	31C	37C	E3 ubiquiti	40496.77	37059.96	49198.47	39743.7	16573.7	30498.59	7941.157	28915.31	3019.101	6278.753	6493.153	10406.29	66403.08	60181.22	97892.55	619.2124	28396.23	32860.9	8534.69	28915.31	4899.565	9374.317	10357.68	14023.88
G3IJ99	1	1	2.684584	0.000898	3.408661	31C	37C	ATP-bindin	1088124	823617.4	801874.4	3107583	819570	759467	313469.7	305121.3	401591.2	323588.4	349802.4	477436.6	1784211	1337462	1595528	48416.57	1404194	818292.3	336898.8	305121.3	651724.6	483124.6	557994	643410.7
G3H1N7	2	2	6.479884	0.004089	3.441686	31C	37C	Splicing fac	6394513	6786024	6680045	28375544	5197075	4947480	3444384	3338126	2391530	2317465	2748539	2722770	10485166	11019743	13291605	442094.9	8904307	5330692	3701822	3338126	3881108	3460027	4384384	3669303
G3H9Z5	3	3	9.215414	0.019886	3.451515	31C	37C	Epidermal	1804297	2066588	1956801	11036492	1423227	1333527	873816.8	866793.6	834587.6	888041.2	1168618	1052874	2958529	3355908	3893541	171950.1	2438459	1436816	939127.1	866793.6	1354415	1325865	1864143	1418891
G3I740	3	3	11.9805	0.004595	3.476464	31C	37C	Pantethein	3549434	3529499	3407363	15784535	2528263	2974064	1719386	1648585	1352950	1300576	1423463	1694546	5820053	5731511	6779792	245925.2	4331750	3204423	1847895	1648585	2195642	1941789	2270664	2283632
G3GZ25	2	2	7.177578	0.007061	3.48714	31C	37C	RPP40 | RP	1126174	1205726	1668136	4061668	790319.6	685416.2	844384.1	839283.4	264836.3	267661.1	299727.9	219139.1	1846603	1957965	3319169	63281.34	1354079	738505.8	907494.5	839283.4	429791	399623.9	478116.6	295319.7
G3H9Y7	1	1	2.16481	0.03378	3.498079	31C	37C	NudC dom	1313275	1404408	1184296	10579809	1552293	1496042	1058951	870210.7	726560.5	657633.6	814921.1	883080.5	2153393	2280602	2356451	164834.9	2659592	1611920	1138098	870210.7	1179103	981861.5	1299937	1190071
G3IBF6	2	2	4.818658	0.024457	3.519848	31C	37C	Sister chro	251904.6	134022.2	193474.4	67836.01	26779.07	66631.73	67916.98	94643.32	4482.212	11879.41	15197.07	16301.45	413051.3	217637	384965.3	1056.894	45881.4	71792.76	72993.19	94643.32	7273.983	17736.22	24241.9	21968.42
G3HKD6	2	2	6.856671	0.029745	3.535532	31C	37C	Histone-bi	2741717	2358772	2575155	15821425	1913179	1542068	958471.8	1289345	1386950	1358297	1170687	1459520	4495629	3830382	5123908	246500	3277907	1661511	1030109	1289345	2250820	2027967	1867443	1966901
G3IHX5	1	1	2.307391	0.000539	3.552826	31C	37C	Polypyrimi	2002154	3585486	2089407	1182945	4757034	3717550	584563.8	735473.5	727617.6	898646.3	645002.4	1287791	3282958	5822427	4157393	18430.45	8150373	4005497	628254.9	735473.5	1180818	1341699	1028888	1735474
G3IC91	9	9	29.69347	0.000811	3.557557	31C	37C	von Willebr	2959646	3119266	3092567	12438135	3064078	3565794	1272202	1424185	1233903	1165595	1442689	1399314	4852971	5065339	6153428	193787.9	5249779	3841987	1367288	1424185	2002447	1740259	2301333	1885766
G3IBG3	3	3	11.47658	0.022639	3.559046	31C	37C	Ubiquitin a	7480164	5967068	7952564	48373084	6533642	6275570	3770829	4005437	3309377	3445653	4433498	4238640	12265322	9689850	15823595	753659.3	11194288	6761651	4052666	4005437	5370642	5144436	7072179	5712144
G3HHH6	1	1	2.251788	0.002751	3.566808	31C	37C	Salivary pla	227564	266257.9	149499.1	74415.05	197112.1	241991	12340.6	45514.57	59437.72	64238.31	62761.83	80041.58	373139.7	432373.1	297465.5	1159.397	337718.2	260734.6	13262.95	45514.57	96458.84	95909.22	100115.7	107866.9
G3HDC9	1	1	2.188906	4.66E-05	3.589623	31C	37C	Pumilio do	271387.9	267601.3	191261.5	516536	413102.4	297182.8	67650.56	84214.08	124109.7	125804.5	67176.84	76247	444998.2	434554.6	380562.1	8047.701	707781	320201.4	72706.86	84214.08	201412.1	187828.9	107158.4	102753.2
G3GZB2	2	2	4.784149	0.001899	3.594482	31C	37C	Acid ceram	726509.2	555551.4	997932.1	2391259	650415.1	490426.5	413500.6	342855.7	201282.8	152991.7	293801.6	212516.5	1191267	902153.3	1985633	37256.14	1114376	528413	444406.2	342855.7	326653	228420	468663.2	286394.8
G3H916	1	1	3.164067	0.026758	3.595091	31C	37C	WD repeat	109332.6	261704.1	119449.9	503584.9	42704.52	83964.72	22961.07	69980.99	62850.97	60783.34	53545.75	41619.81	179274.2	424978.2	237675.1	7845.922	73166.96	90468.29	24677.21	69980.99	101998.1	90750.87	85414.53	56088.35
G3HPT8	2	2	5.285373	0.000214	3.608034	31C	37C	Suprabasir	287466.9	227181	241849.7	77863.92	285606.3	226858	54242.79	44646.1	66971.87	77577.27	68985.97	60861.26	471363.3	368916.6	481220	1213.131	489338	244429.5	58296.97	44646.1	108685.7	115824.6	110044.3	82018.82
G3IJQ0	1	1	2.483279	0.004639	3.613239	31C	37C	COBW don	728394.4	727398.5	786198.8	117315.2	780021.3	646382.8	241485.7	157147	166104.7	145096.4	174447.6	163451.9	1194358	1181214	1564337	1827.788	1336434	696449.1	259534.7	157147	269563.9	216632.1	278273.4	220273.6
G3HTV9	1	1	2.162724	0.032484	3.615006	31C	37C	Acyl-coenz	518926.8	638304.3	943377.2	3924569	471782.1	403312.5	574361.4	434942.9	229537.1	160501.5	378299.2	131143.6	850891.1	1036535	1877083	61145.32	808318.7	434551.4	617290	434942.9	372505.6	239632.3	603451.3	176733.8
G3HZK7	1	1	3.415041	0.016903	3.637491	31C	37C	Heat shock	597315.3	735420.2	512025.7	4237545	648248.4	750752.6	493414.3	393577.8	235885.4	279763.3	247453.5	406627.5	979425.6	1194240	1018802	66021.54	1110664	808902.9	530292.8	393577.8	382808	417692.8	394730.2	547985.9
G3HLZ7	1	1	2.027517	0.043129	3.645671	31C	37C	alanyl-tRN	487760.5	612811.4	615459.5	47657.88	831631.6	649229.9	212416.6	150807.8	196346.9	150688	73439.38	106274.9	799787.2	995137.1	1224609	742.5163	1424860	699516.7	228292.9	150807.8	318642.7	224980.5	117148.2	143219.8
G3HLY6	1	1	4.00284	0.000704	3.698649	31C	37C	Vacuolar p	1170373	1136569	1128470	2313626	660359.6	785512.9	443139.4	225651.5	160120.4	180562.3	618940.9	316866.7	1919076	1845662	2245371	36046.61	1131414	846355.6	476260.2	225651.5	259852.3	269583.4	987315.5	427021
G3HHR3	5	5	15.65259	0.027331	3.72079	31C	37C	Vimentin |	38211872	38530916	36864986	2.94E+08	39778509	33109206	23356668	20514705	20554661	19190130	24189654	21243204	62656505	62569895	73352019	4575401	68153738	35673715	25102378	20514705	33357251	28651287	38586590	28628106
G3HDA0	1	1	4.286086	0.031075	3.741489	31C	37C	Eukaryotic	1045889	1270545	1187389	8334948	991076.8	783846.9	670167.8	530786.3	611025.1	536802.1	628048	661747.4	1714958	2063223	2362605	129859.6	1698042	844560.6	720257.1	530786.3	991605.6	801457.4	1001843	891794.5
G3GXG0	4	4	10.91565	0.000574	3.767827	31C	37C	CUL1 | CUI	427349	406214.8	510207.2	1654231	482807.1	382168.7	229236.4	177703.1	160774.8	166854.4	163165.8	127519	700729.8	659647.3	1015184	25773.14	827208.2	411770	246369.8	177703.1	260914.3	249117.3	260277.1	171849.2
G3GZ21	2	2	8.481091	0.02252	3.777326	31C	37C	Peroxisom	331724.3	322382.1	459568.7	1520210	201434.8	140398.9	251675.2	250444.9	45587.25	44289.43	125220.4	70567.29	543932.6	523512.4	914425.8	23685.08	345124.4	151273.7	270485.8	250444.9	73981.52	66125.1	199747.8	95099.01
G3HPP3	2	2	5.436029	0.043441	3.784432	31C	37C	MGST3 | M	1597879	958925.3	2320303	7523988	1247702	414454.5	986636.8	853219	481346.9	468338.3	522509.7	404029.4	2620062	1557187	4616817	117224.8	2137725	446556.5	1060379	853219	781156.6	699239.4	833491.4	544484.6
G3HQV4	2	2	4.938147	0.02723	3.788347	31C	37C	3-ketoacyl-	2591398	3150992	2485075	20508242	2375668	2367316	1192349	1184166	1807423	1499229	1487895	1666219	4249149	5116858	4944673	319521.2	4070304	2550679	1281466	1184166	2933187	2238382	2373445	2245457
G3I310	1	1	3.266927	0.01603	3.797223	31C	37C	26S protea	4874183	6053103	5146659	40456385	6657467	5958864	2787902	2808219	2926666	2914144	3166508	3606357	7992261	9829561	10240552	630316	11406442	6420415	2996274	2808219	4749557	4350882	5051116	4860057
G3ILF9	1	1	2.052674	0.003041	3.80055	31C	37C	Alpha-1,4 g	708078.4	708104	679542.3	1324267	361699.6	296383	421318.2	301253.6	77593.63	70625.18	89123.04	113108.4	1161045	1149882	1352118	20632.26	619710.9	319339.6	452808.1	301253.6	125923.3	105444.9	142166.3	152428.9
G3H3E4	3	3	8.284814	1.28E-07	3.815045	31C	37C	Galectin-3-	712488.4	761799.7	604192.4	610889.6	723256.9	543376.4	167399.3	166072.8	177277.9	243871.9	124845.1	157481.2	1168276	1237077	1202190	9517.744	1239178	585464.1	179910.9	166072.8	287696.4	364106.1	199149.1	212227.3
G3HMG7	1	1	2.120186	0.000897	3.815288	31C	37C	39S riboso	456470.7	401094.2	445164.5	1813268	396240.7	431355.2	144037.9	166001.1	181039	163803.8	176719	202028.2	748480.9	651332	885765	28250.96	678891.3	464766.3	154803.5	166001.1	293800.2	244562.6	281896.7	272260.5
G3HHC3	1	1	3.578707	0.013243	3.821945	31C	37C	Importin su	438908.8	468784.2	529481.4	3099856	423114.5	442650.6	172251.6	161870.9	254083	267713.5	312533.5	245172	719684.4	761253	1053534	48296.18	724935	476936.6	185126	161870.9	412340.1	399702.1	498543.9	330402.6
G3GWI3	1	1	2.245386	0.001273	3.844978	31C	37C	DNA-direct	249328.7	171545.3	166919.5	795913.9	381944.7	261643.5	44140.82	76884.15	84389.38	114278.3	104636.5	102929	408827.5	278570.4	332127.7	12400.45	654397.5	281909.4	47439.96	76884.15	136951.8	170620.1	166912.9	138710.8
G3HW57	2	2	4.110122	1.52E-05	3.849988	31C	37C	Cell divisio	881801.2	761899.1	963638.6	347826.7	907646.3	758721.7	247369.4	232324.8	170761	162794.2	201820	185332.5	1445901	1237239	1917398	5419.188	1555098	817489.3	265858.2	232324.8	277120.5	243055.4	321937.1	249760.8
G3GVW2	1	1	2.950733	0.002567	3.962086	31C	37C	Putative hy	259727	360256.7	479772.5	1354694	849464.5	440324.9	91485.94	57857.83	234493.4	162731	174219.9	224229	425877.7	585016.5	954626.1	21106.32	1455414	474430.7	98323.73	57857.83	380549	242960.9	277910.2	302179.1
G3HUC2	2	2	6.708032	0.003912	3.962626	31C	37C	A-kinase ar	369916.7	433772	431646.5	2230622	382307.7	359861.1	202209.1	193625.2	157010.1	170793.6	172833.7	165482.1	606557.3	704397.2	858867.7	34753.4	655019.4	387734.5	217322.5	193625.2	254804.8	254998.7	275699	223009.6
G3HSA2	2	2	5.216988	2.73E-06	3.965339	31C	37C	Myb-bindir	3206263	3648357	3140066	5546151	3902045	4359118	1414451	1356499	733700.5	798755.8	759372.5	939733.3	5257352	5924523	6247939	86409.79	6685494	4696758	1520169	1356499	1190690	1192560	1211328	1266418
G3HI99	2	2	6.352165	0.003058	3.966212	31C	37C	Iron-sulfur	1055855	1086380	968420.3	4378011	754076.4	647723.2	379475.7	275600.5	336213.6	283565.6	549385.1	417310.1	1731300	1764159	1926912	68210.01	1291982	697893.3	407838.3	275600.5	545626.1	423369.7	876362.2	562382.1
G3GTN3	1	1	1.94414	0.032248	3.983585	31C	37C	Carnitine C	265426.9	147502.3	286112.2	457305.3	54845.02	34444.08	124036.3	114275.2	16697.2	9020.822	20638.33	28024.35	435223.9	239527.3	569291.1	7124.88	93967.65	37111.98	133306.9	114275.2	27097.15	13468.29	32921.63	37766.62
G3HJS0	5	5	12.35432	8.64E-05	3.986386	31C	37C	Spectrin be	211562.6	97059.19	254185.8	138692.9	100390.9	100614.6	26826.07	23974.84	40296.93	36995.03	54808.82	43495.37	346901.9	157613.3	505765.6	2160.854	172002.8	108407.8	28831.08	23974.84	65396.11	55234.4	87429.34	58615.93
G3IFL1	1	1	2.37036	6.68E-05	3.989189	31C	37C	Amidophos	51119.64	43983.71	62179.32	110029.9	41109.04	42222.86	17033.45	14240.57	11886.73	7814.213	21748.52	15175.21	83821.54	71424.63	123721.1	1714.282	70433.38	45493.28	18306.55	14240.57	19290.45	11666.79	34692.57	20450.67
G3HXU8	1	1	3.69798	0.000293	4.023919	31C	37C	Fibroblast	1260699	803989.9	418103.6	313676	842678.1	508721.2	158113	117027.1	168635.9	290011	136840.4	160175.6	2067184	1305590	831920.7	4887.115	1443786	548124.7	169930.6	117027.1	273671.7	432992.8	218283.6	215858.4
G3H2K2	1	1	3.491202	0.011963	4.065031	31C	37C	Cytochrom	313650.9	344488.3	450519.9	2226141	395232.9	385605.6	44702.14	88689.38	345070.3	186140	156787.5	191060.1	514297.5	559410.5	896420.9	34683.58	677164.6	415473.1	48043.24	88689.38	559999.3	277911.1	250102.6	257479.4
G3H2Z7	4	4	17.14607	0.015526	4.071727	31C	37C	26S protea	7947395	9060163	7128868	59289298	7110374	7769161	4208658	4310280	3398245	3596260	4907845	3722092	13031447	14712690	14184649	923735.4	12182421	8370930	4523219	4310280	5514862	5369296	7828843	5016025
Q8WBA9	1	1	2.53081	2.80E-06	4.082038	31C	37C	Cytochrom	1632073	2228527	1621163	2028809	1280323	1117137	492682	366010.7	339722.1	267072.8	529642.4	432096.5	2676131	3618879	3225705	31609.12	2193616	1203666	529505.7	366010.7	551320	398745.6	844869.2	582308.8
G3GYP7	5	5	23.59147	0.008636	4.107202	31C	37C	aldo-keto r	33459463	27933366	68670518	1.41E+08	18624002	20796193	19154815	23704252	7234322	7115398	10324160	8138394	54863918	45360660	1.37E+08	2201690	31909073	22406984	20586473	23704252	11740261	10623447	16468782	10967592
G3IKY0	1	1	1.919226	0.000426	4.108202	31C	37C	Protein FAI	745948.6	983451.9	1352217	2285433	1115409	1013189	565091.6	534683	130714.7	182732.1	211090.4	200245.3	1223142	1597016	2690571	35607.35	1911064	1091667	607327.4	534683	212131	272823.1	336724.9	269857.8
G3H9Z4	4	4	11.06149	0.013343	4.118867	31C	37C	Serine-thre	4228423	4665240	3615706	31857235	4507793	4293350	2238657	2129426	2245108	2238437	1811970	2244744	6933400	7575827	7194342	496340.1	7723340	4625896	2405977	2129426	3643487	3342035	2890399	3025098
G3HU85	1	1	2.734842	0.045657	4.124618	31C	37C	Putative E3	318371.2	348123.2	269923.2	2884078	254531.4	264041.8	163287	179303.6	157742.4	171479.8	196434.3	183745.9	522037.4	565313	537079.1	44934.34	436096.4	284493.5	175491.3	179303.6	255993.1	256023.1	313345.9	247622.6
G3I1H0	4	4	11.77949	0.00184	4.143002	31C	37C	DNA helica	1046751	1190175	885515.7	5639240	1237700	1154634	425914.3	431197.4	453503.6	468588.2	447590.1	465460.8	1716372	1932710	1761953	87860.13	2120590	1244068	457747.8	431197.4	735971	699612.5	713981.9	627271.7
G3H5L5	1	1	2.688655	0.038914	4.162556	31C	37C	Non-specif	912139.8	316214.1	986743.9	6388254	889931	1237588	636913	311445.2	267936.6	235978.5	1011703	113976.1	1495648	513496.3	1963371	99529.87	1524746	1333446	684516.8	311445.2	434822.5	352321.1	1613837	153598.3
G3I2P4	1	1	2.370131	3.58E-05	4.206481	31C	37C	Protein SG	184462.8	231225	254335.5	244998.2	284734.1	263358.9	96999.05	73305.78	30243.09	72250.43	47250.26	27775.2	302466	375483.5	506063.4	3817.105	487843.7	283757.7	104248.9	73305.78	49080.18	107871.5	75372.16	37430.86
G3I4U4	1	1	2.298323	0.000253	4.240452	31C	37C	DnaJ-like s	126752.6	141434.5	181337.3	40262.16	98708.87	61751.18	23979.88	31108.83	21864.04	32193.16	24493.23	19704.58	207837.9	229673.8	360815.5	627.29	169120.9	66534.19	25772.17	31108.83	35482.18	48065.1	39070.85	26554.6
G3HA24	1	1	2.848356	0.013903	4.261988	31C	37C	Heat shock	30171834	34101316	25828829	2.12E+08	24104977	23537368	14363798	13533449	13559607	13912028	11981743	14640853	49473150	55376719	51392852	3298352	41299796	25360479	15437368	13533449	22005287	20770964	19112907	19730539
G3I5Z8	23	23	77.4623	0.009295	4.273131	31C	37C	Proteasom	3543870	3226057	3856350	23086579	3056439	2821202	2140046	1990201	1205134	1164763	1344899	1419942	5810929	5238755	7673164	359692.1	5236691	3039721	2299996	1990201	1955759	1739017	2145342	1913565
G3I7D7	2	2	6.091662	0.001424	4.336826	31C	37C	RNA-bindir	3281506	3135682	3036273	509087.6	2364130	2472925	630018.1	590294.1	724041.5	644483.3	446941.1	376764.5	5380728	5091996	6041416	7931.655	4050536	2664468	677106.5	590294.1	1175015	962227.8	712946.7	507741.5
G3HIS0	1	1	2.086073	0.031014	4.37815	31C	37C	26S protea	1480287	374091.1	1806352	3413647	346223.7	344050.6	738253.6	719990.5	31875.43	45120.91	222791.2	15468.91	2427246	607482.1	3594184	53185.09	593195.7	370699.4	793431.7	719990.5	51729.22	67366.52	355389.7	20846.45
G3HXW9	1	1	2.717447	0.000596	4.382704	31C	37C	Alpha-cent	218282.7	174552	285473.7	538883	130359.8	89980.51	46472.92	52183.13	39311.48	61230.26	58368.1	70435.17	357921	283453	568020.7	8395.871	223349.4	96950.04	49946.37	52183.13	63796.86	91418.12	93106.99	94920.96
G3GXW5	1	1	2.665549	0.023976	4.385483	31C	37C	Protein ND	314687.2	138411.4	276519.9	170910.3	29206.47	34229.62	27069.46	28878.1	65061.67	29642.74	40584.3	28571.88	515996.8	224764.7	550204.9	2662.806	50040.34	36880.91	29092.67	28878.1	105585.7	44257.26	64738.82	38504.49
G3IFV9	1	1	3.397181	0.01465	4.396655	31C	37C	Methyltran	1898145	872610.2	2384187	1387386	363557.8	1293715	554411.2	558913.3	54962.8	57910.12	624974.7	13791.17	3112412	1417021	4743931	21615.67	622894.8	1393921	595848.7	558913.3	89196.69	86461.09	996940.4	18585.48
G3HQ01	1	1	2.055726	0.01459	4.437377	31C	37C	E3 ubiquiti	183456.2	222872.6	143780.8	1548203	211454.4	281355.4	54651.14	73156.38	105685.2	59106.31	93687.32	197644.7	300815.5	361920.1	286087.4	24121.21	362291.4	303148.1	58735.84	73156.38	171511.8	88247.02	149447.1	266353.1
G3IFY1	5	5	18.89226	3.25E-12	4.445499	31C	37C	TYMS | TYM	8277884	8174673	8346325	7038518	8972657	8967090	1913256	1823696	1967260	1817724	1852111	1823154	13573355	13274754	16607081	109661.1	15373128	9661645	2056255	1823696	3192579	2713902	2954431	2456948

G3I7T3	1	1	1.895044	0.000246	4.533047	31C	37C	Pre-mRNA	1162797	1119429	1166713	4577112	1232774	1051727	380844	347824.4	325230.1	327093.2	532287.1	361251.2	1906653	1817827	2321464	71312.03	2112149	1133190	409308.8	347824.4	527801.5	488357.4	849088	486835.1
G3IKW4	2	2	5.385553	1.04E-05	4.569864	31C	37C	GDP-L-fucc	1654175	1262770	1680078	3020257	1072533	1028190	347060.4	317697.7	506338.8	317015.5	335752.4	302676.6	2712373	2050598	3342931	47056.03	1837603	1107830	373000.2	317697.7	821714.8	473311.2	535581.8	407897.9
G3H2T7	2	2	6.058293	1.34E-06	4.627626	31C	37C	Histone H3	14425407	15195491	12783167	25072208	11496296	11097430	2613159	2415823	3266856	3350626	3570430	4246648	23653528	24675776	25435276	390628.4	19696956	11956993	2808470	2415823	5301636	5002558	5695440	5722936
G3HZV0	1	1	2.984663	0.006632	4.656153	31C	37C	Ribosomal	2698568	1355972	4792804	3144910	709576.3	1353855	793025.7	1084970	94132.71	138549.2	705312	202743.6	4424877	2201947	9536470	48998.12	1215739	1458719	852297.5	1084970	152763.8	206857.1	1125092	273224.5
G3GXM4	1	1	2.07578	0.007168	4.687753	31C	37C	Wiskott-Alc	2060729	1934843	2860952	412394.5	762517.2	812776.7	805301	811200.5	61710.66	59116.3	87822.11	61513.01	3379004	3141969	5692572	6425.163	1306444	875731.1	865490.3	811200.5	100147.5	88261.93	140091.1	82897.15
G3IAI6	8	8	30.80525	4.38E-05	4.693497	31C	37C	Heme oxyg	7417282	7160838	8033606	18349400	4692214	4919882	2140158	2025982	1514702	1459204	1859807	1775316	12162213	11628399	15984849	285886.2	8039314	5300957	2300117	2025982	2458143	2178624	2966706	2392479
G3H7V9	6	6	17.00482	0.003181	4.754969	31C	37C	DNA helica	2471213	2891812	2202252	16270878	2508710	2508270	1135474	1127602	886434.6	952001.1	857877.3	1108608	4052081	4695979	4381926	253502.5	4298249	2702551	1220341	1127602	1438556	1421359	1368459	1494000
G3H3I9	1	1	2.121679	1.59E-07	4.815495	31C	37C	Cysteine ai	6016155	6005759	5622487	3765649	7084252	6714005	1620893	1099382	1118381	1054391	970538.4	1447877	9864768	9752681	11187330	58669.33	12137666	7234046	1742041	1099382	1814970	1574230	1548173	1951211
G3HZ36	1	1	1.972245	0.000618	4.835117	31C	37C	Vesicle-as:	989486.4	1170575	1243076	274809.1	563394.2	502139.7	137322.6	89108.92	133508.6	94753.51	382987	143367	1622474	1900882	2473408	4281.563	965280.4	541033.4	147586.2	89108.92	216665.2	141469.1	610929	193206.6
G3I1W1	1	1	1.94489	0.019532	4.843162	31C	37C	Synapse-a:	25178.8	28823.77	15647.75	105311.9	25582.47	5059.33	2410.855	2547.775	8823.538	13035.32	4193.033	11441.9	41286	46806.58	31135.07	1640.773	43831.22	5451.206	2591.046	2547.775	14319.33	19462.03	6688.597	15419.52
G3HC18	1	1	4.252553	0.018098	4.871645	31C	37C	Interleukin	836294.2	395786.3	1028319	2749957	185152.4	340729.9	279601.9	301560.1	55119.81	84251.88	280208.1	135679.1	1371283	642712.6	2046095	42844.71	317227.3	367121.5	300499.7	301560.1	89451.51	125789.9	446979.4	182846
G3HM30	1	1	2.100845	0.00122	4.889648	31C	37C	Zinc finger	94193	71149.44	95670.92	433579.3	229617	101861.4	19885.49	25246.67	47908.27	35490.78	49454.29	31860.09	154449.5	115538.7	190361	6755.225	393409.8	109751.2	21371.76	25246.67	77748.22	52988.52	78887.96	42935.8
G3H6K2	1	1	2.632271	0.001533	4.904538	31C	37C	Rho guanin	667109.2	743170.8	499615.8	90197.94	528449.3	635407.8	109747.8	80035.12	125204.9	106431.8	123812.5	99874.68	1093868	1206826	994109.4	1405.296	905408.3	684624	117950.5	80035.12	203189.4	158905.1	197501.9	134594.7
G3HSJ6	2	2	4.889035	2.86E-05	4.979574	31C	37C	Deoxyhypu	383305.9	321876.1	383937.8	126380.5	434434.8	387109.3	104473.1	62835.06	67159.96	53133.26	72288.03	49190.7	628511.7	522690.8	763939.3	1969.026	744330.5	417093.2	112281.6	62835.06	108990.9	79329.14	115311.6	66291.16
G3H3B2	1	1	1.983598	0.040344	4.991204	31C	37C	Cysteine-ri	2496860	2656305	2090125	99562.56	2232242	2509905	384318.8	299419.6	422717.7	364786.6	455745.8	494271	4094134	4313542	4158822	1551.198	3824568	2704313	413043.3	299419.6	686009.9	544634.4	726991.6	666097.4
G3H354	2	2	4.249253	4.46E-09	5.024216	31C	37C	Heat shock	669119.2	558640	550642.2	525658.7	696593.6	697918.6	115704.9	110067.5	100785	116692.3	128216.3	164683.1	1097163	907168.8	1095639	8189.836	1193495	751976.6	124352.9	110067.5	163559.5	174224.1	204526.7	221932.9
G3H750	4	4	12.91541	0.000344	5.038108	31C	37C	Calpastatii	707497.5	1019059	522012.2	2243792	460499.6	669830.9	88775.66	157009.3	189452.1	175621.8	197839.1	307334.2	1160093	1654837	1038673	34958.59	788988	721713.3	95410.88	157009.3	307453.4	262207.3	315586.8	414174.6
G3H5G6	2	2	4.916888	0.008703	5.061144	31C	37C	Thioredoxii	1095465	1219560	1022599	9240453	1002265	1131805	466945.1	593888.4	473625.9	488248	380046.2	504128.6	1796248	1980430	2034715	143967.5	1717212	1219471	501845.2	593888.4	768626.6	728965.1	606237.9	679381.8
G3H1E5	1	1	2.340362	0.014375	5.07034	31C	37C	Dynein ligh	341250.7	45579.68	561313.1	401979.4	69158.38	136400.3	44550	43588.91	31570.38	35946.52	78326.14	72838	559553.3	74016.29	1116871	6262.894	118491.2	146965.3	47879.73	43588.91	51234.17	53668.95	124943.5	98159.11
G3H812	1	1	3.666929	0.001784	5.12849	31C	37C	Interferon-:	285099.6	410555.7	250892.5	1855137	274430.5	468243.6	154824	110255.7	71932.94	116710.9	116890.5	120497.7	467481.6	666696.5	499212.9	28903.29	470190.2	504511.9	166395.8	110255.7	116736.8	174251.9	186460.2	162387
G3I315	1	1	2.136367	0.028887	5.199432	31C	37C	Endothelin	356976.2	349023.9	382882.8	3889626	311035.5	315301.2	164106.4	207335.5	144318.2	101435	239123	221654.5	585338.5	566775.7	761840.1	60600.91	532906.6	339723.2	176372	207335.5	234207.7	151444.8	381441.6	298709.6
Q9NPD8	1	1	2.308525	0.029502	5.230449	31C	37C	Ubiquitin-c	8599.593	9704.003	1710.137	20454.01	2822.797	4735.256	1425.182	9.299356	0	5164.607	2562.694	20.18212	14100.87	15758.22	3402.74	318.6764	4836.385	5102.031	1531.702	9.299356	0	7710.873	4087.931	27.19815
G3I519	2	2	6.133657	0.027525	5.264995	31C	37C	LXN |LXN	2937531	2003237	2839892	20089397	1097295	1876793	1264471	2045626	252245.3	250854.3	1677265	367880.8	4816707	3253033	5650668	312995.6	1880029	2022162	1358979	2045626	409357.7	374531	2675522	495769.4
G3IJF2	1	1	2.802545	0.001268	5.355183	31C	37C	Nuclear fra	458788.5	811966.8	478551.6	97937.35	426659.9	285586.6	33193.36	46429.49	91454.79	67025.26	135973.5	103870.1	752281.6	1318543	952196.9	1525.877	731009.4	307707	35674.28	46429.49	148417.9	100070.2	216900.7	139979
G3IEB3	2	2	4.798851	0.000297	5.392046	31C	37C	OCIA doma	1487845	1379781	2003205	4790926	1218543	945077.5	626519	546866.5	243839.9	227165	331801.1	216923.7	2439639	2240610	3985872	74643.29	2087766	1018280	673345.9	546866.5	395717	339162.3	529278.8	292334.2
G3HGC0	1	1	2.075456	4.68E-07	5.407669	31C	37C	Serine/thre	417492.3	386395.2	372191.3	369156.1	452299.4	328170.7	45436.96	43007.32	103671.2	86141.71	74991.89	76826.25	684567.5	627462.5	740566.8	5751.503	774938.4	353589.5	48832.98	43007.32	168243.4	128611.5	119624.8	103533.8
G3H0C2	1	1	2.84548	0.01837	5.413215	31C	37C	Proteasom	587807.8	156322	721965.8	545959.8	164916.2	51286.74	155603.4	117907.8	31170.94	19422.06	79695.42	7833.402	963836.1	253849.4	1436530	8506.128	282555.9	55259.21	167233.4	117907.8	50585.95	28997.56	127127.7	10556.57
G3HNJ1	1	1	2.250155	0.001447	5.419787	31C	37C	Coiled-coil	80920.62	103679.8	46029.47	322497.7	83485.41	122449.1	37764	10869.94	30841.07	7871.035	38521.8	14186.03	132686.6	168364.4	91587.02	5024.558	143038.1	131933.6	40586.54	10869.94	50050.61	11751.63	61448.79	19117.61
G3IAI5	4	4	12.59984	0.016322	5.46457	31C	37C	DNA helica	4774828	3892491	4323849	40583085	3171744	3730831	2784702	2418456	1428642	1318253	1720254	1396773	7829347	6320970	8603369	632290	5434246	4019806	2992834	2418456	2318479	1968180	2744096	1882341
G3I3B7	4	4	12.3997	0.001255	5.497062	31C	37C	Ribonuclec	1151024	748018.3	1471663	2916845	431032.9	571156.8	337930.7	404969.7	110625.4	108033.8	221439.6	143116.5	1887349	1214698	2928239	45444.85	738501.9	615396.4	363188.1	404969.7	179529.1	161296.8	353233.6	192868.9
G3IF80	1	1	2.782864	0.002681	5.528062	31C	37C	Nucleolin |	214798.7	197769.3	157589	572609.9	89064.69	49499.12	37266.67	46393.71	36388.95	50555.47	18520.06	42661.75	352208.2	321155.2	313562.3	8921.342	152597.3	53333.12	40052.04	46393.71	59054.02	75480.43	29542.63	57492.51
G3GTN1	2	2	5.565013	0.045501	5.577815	31C	37C	Protein ma	4012358	1285672	8264783	4187926	591186.7	188337.3	1188393	1608179	71181.73	86912.97	265710.7	101759.8	6579116	2087788	16444833	65248.47	1012898	202925.1	1277215	1608179	115517.7	129763	423853.5	137135.2
G3HI35	1	1	2.139676	2.34E-05	5.780821	31C	37C	Protein kin:	298997.6	299501.4	302153.8	858956.2	310057	317625.6	70657.78	31921.77	98238.77	65689.56	67117.8	79341.91	490270.3	486356.7	601209.8	13382.66	531230.2	342227.6	75938.84	31921.77	159427.4	98075.96	107064.2	106924
G3HLV8	3	3	6.692212	2.27E-05	5.844012	31C	37C	DnaJ-like s	896371.4	910161.8	980452.3	3036827	791814.4	808716	258668.8	245111.7	183959	209511	165816.7	207351.7	1469792	1478001	1950853	47314.18	1356640	871356	278002.1	245111.7	298538.9	312804.5	264505.7	279434.7
G3I073	2	2	12.73761	0.008246	5.86328	31C	37C	Elongation	15312649	14939067	17206225	98358736	7018926	16196074	5894122	7962473	1867499	1280453	9922681	1901633	25108350	24259372	34236046	1532443	12025742	17450557	6334657	7962473	3030681	1911744	15828356	2562709
G3HLV2	1	1	2.663522	6.65E-05	5.929101	31C	37C	5'-nucleoti	202796.5	166228.8	188025.4	527570.7	150898.4	88772.93	39096.24	27546.81	45486.38	35725.39	31451.1	44048.77	332528	269937	374123.1	8219.624	258538.8	95648.93	42018.35	27546.81	73817.84	53338.8	50169.82	59361.71
G3GWV5	1	1	2.497726	0.047949	6.020099	31C	37C	Phospholip	1141650	326116.1	2166001	3748477	158374.5	143632	431917	583567.8	62815.7	42597.32	115195.5	40339.17	1871979	529576.1	4309795	58401.79	271347.9	154757.2	464199.1	583567.8	101940.8	63598.74	183756.4	54362.51
G3HXV5	1	1	6.556101	0.000559	6.08752	31C	37C	Nucleolar p	2032510	2022040	2413926	9132119	1469679	1788924	461012.9	475353.9	254564.8	318743.9	1159968	428366.7	3332734	3283567	4803103	142279.7	2518046	1927487	495469.7	475353.9	413121.9	475891.7	1850345	577282.3
G3GRY7	2	2	9.206643	6.39E-05	6.168257	31C	37C	HSBP1 |	1519338	1654481	1274417	5966173	1612699	2049462	307207.5	233909.4	372096.7	357115.6	487535.2	524233.9	2491278	2686692	2535768	92953.8	2763086	2208205	330168.7	233909.4	603859.2	533181.4	777701.2	706476.5
G3HRY8	1	1	2.375855	0.001551	6.172836	31C	37C	SWI/SNF-r	885559.5	956920	746383.1	4250417	582746.2	555483.6	200956.2	217321.4	103179.6	101836.7	451336.9	217726.5	1452064	1553931	1485114	66222.08	998437	598509.2	215975.9	217321.4	167445.5	152044.4	719958.7	293416.1
G3H2W9	2	2	5.029457	0.031145	6.189599	31C	37C	Induced m	503496.6	543414.4	585418.7	6122904	380661.5	310409.7	298470.7	290874.5	165779.7	135263	241967.8	232240.6	825589.9	882444.2	1164836	95395.69	652199.1	334452.8	320778.8	290874.5	269036.6	201950.7	385979.6	312975.8
G3HBZ8	1	1	3.20721	0.00733	6.198196	31C	37C	Ubiquitin-a	19087.55	18095.37	52156.21	146058.9	18815.27	10760.73	14525.93	4680.036	6288.171	2685.063	5409.085	9161.903	31298.1	29384.85	103777.7	2275.619	32236.77	11594.22	15611.62	4680.036	10204.79	4008.859	8628.406	12346.91
G3HWC3	9	9	38.10857	0.024857	6.230175	31C	37C	Ezrin |EZR	11327816	12343761	10406182	1.3E+08	7657950	8536888	5649702	6640381	3535117	3911214	4666160	4461489	18574368	20044886	20705677	2018494	13120601	9198121	6071968	6640381	5736986	5839528	7443315	6012463
G3HXK9	1	1	2.30015	0.002113	6.325437	31C	37C	Nucleolysi	106655.9	205451.9	119462.2	626033.3	54165.25	154018	15770.23	16443.68	36195.32	23443.08	66349.6	41908.63	174885.1	333630.8	237699.5	9753.686	92802.99	165947.7	16948.91	16443.68	58739.79	35001.03	105838.8	56477.58
G3H9L2	5	5	12.22679	0.009332	6.360672	31C	37C	Ubiquitin c	547426.3	680388.7	663746.2	5062009	399128.9	359329.8	330502.6	309483.9	113968.6	136769.4	154659.6	167070.9	897622.1	1104875	1320687	78866.79	683839.7	387162.1	355204.8	309483.9	184954.6	204199.8	246708.2	225150.8
G3HC30	2	2	5.781576	0.001557	6.398783	31C	37C	Protein S1(	2508937	2469893	2555527	18796299	2672923	2568067	1112810	1045674	666004.1	709077.2	745426.4	655015.9	4113936	4010829	5084855	292848.9	4579600	2766979	1195983	1045674	1080829	1058668	1189081	882723
G3HN89	4	4	9.940851	8.95E-05	6.439106	31C	37C	PPT1 |PPT:	1114750	1070119	1616491	1584381	814176.8	883990.6	343706.9	399420.4	73720.62	77928.54	110583.9	94778.24	1827871	1737753	3216409	24684.88	1394954	952461	369396	399420.4	119637.9	116349	176400	127726.6
G3GUH8	1	1	2.11559	0.0004	6.582199	31C	37C	Serine/thre	43469.72	69842.61	74290.29	21514.43	149403.4	75665.08	10138.19	5441.109	6076.119	27578.05	5621.824	11108.29	71277.87	113416.6	147818.9	335.1978	255977.3	81525.79	10895.94	5441.109	9860.664	41174.64	8967.76	14969.93
G3I0F5	1	1	3.407004	0.035995	6.748189	31C	37C	SMDT1 |	164765.5	90082.17	259911.5	443009.1	9037.529	20657.35	23817.94	95116.39	2085.304	5734.905	15942.38	3633.199	270168.2	146283.4	517158.4	6902.143	15484.28	22257.39	25598.13	95116.39	3384.147	8562.339	25430.79	4896.229
G3I412	2	2	4.63443	0.008243	6.821243	31C	37C	45 kDa calc	2259702	2508559	2023789	25210847	2165417	2316782	839610.6	839429.9	799607.1	880675.6	956411	1033012	3705263	4073619	4026830	392788.5	3710075	2496231	902364.3	839429.9	1297647	1314868	1525637	1392124
G3H2H5	1	1	3.205758	1.42E-06	6.829171	31C	37C	Acetyltrans	1763472	1991447	1720653	3943319	1776609	2117416	314728.9	454261.4	182454.7	376071.1	238194.2	383708.6	2891589	3233887	3423665	61437.45	3043918	2281423	338252.2	454261.4	296097.7	561482.5	379960	517099.5
Q2MH30	3	3	17.03965	2.07E-07	6.901573	31C	37C	Dihydrofola	1.61E+08	1.67E+08	1.58E+08	4.11E+08	1.78E+08	1.92E+08	31468469	30122123	30643736	30232070	29090262	31870969	2.64E+08	2.71E+08	3.13E+08	6400466	3.04E+08	2.07E+08	33820466	30122123	49730364	45137147	46403890	42950464
G3GSC9	1	1	1.992872	3.37E-07	6.96175	31C	37C	tRNA (ader	5535349	5945829	5006262	2291848	5763267	6716642	739682	801847	753774	744413.9	694013.9	756404.2	9076384	9655361	9961197	35707.31	9874381	7236887	794966.9	801847	1223266	1111426	1107070	1019358
G3IJJ7	2	2	4.476874	1.67E-06	7.261706	31C	37C	Phosphom	1982416	1483309	2832570	2248050	1223610	1596228	263046.8	309137.1	144138.4	170386.8	414044	264469	3250593	2408727	5636099	35024.93	2096448	1719866	282707.3	309137.1	233915.9	254391.2	660470.3	356407.9
G3H1A4	1	1	2.899659	0.007004	7.40681	31C	37C	Sidoreflexi	4151055	2787197	8047449	23062414	1816660	1728078	1500372	1178754	608338.7	335657.9	1749637	242728.1	6806540	4526095	16012392	359315.6	3112540	1861928	1612512	1178754	987246	501144.7	2790967	327109.1
G3HAT2	1	1	3.358587	0.041495	7.497489	31C	37C	NMDA rece	690788	545521.6	1423784	11199200	419309.1	324155.7	902655.9	665494.1	118430	83503.09	96425.82	81177.72	1132694	885866	2832970	174485.1	718415.1	349263.6	970121.7	665494.1	192194.7	124672	153815.5	109398
G3H5A7	1	1	2.287207	0.004646	7.539672	31C	37C	Tight juncti	453625.1	479876.3	459128	31312.99	402199.7	515021.2	49216.7	54489.53	61429.06	63851.27	14519.77	67006.3	743815	779265.5	913548.8	487.8606	689101	554912.7	52895.22	54489.53	99690.5	95331.36	23161.48	90300.1
G3HKA3	1	1	4.277284	0.036958	7.555484	31C	37C	GAPDH |	409858.9	242544.2	438853.6	6919041	631351.3	381869.6	526150.7	258916.7	127713.6	64421.76	192606.2	24491.48	672051	393864.6	873208	107799.6	1081713	411447.8	565476	258916.7	207260.8	96183.12	307239.4	33005.6
G3I6I6	1	1	4.208958	0.018621	7.569758	31C	37C	Tubulin alp	7913025	4749437	7419474	77493529	6388626	3299681	3952861	2083703	1509185	1273027	4616911	734352.1	12975090	7712554	14762881	1207360	10945828	3555261	4248303	2083703	2449190	1900657	7364754	989639.3
G3H154	1	1	5.393884	8.97E-08	7.661786	31C	37C	Histone H2	578236.9	498497.9	483434.1	292706.7	320740.8	276941.4	43777.02	43974.82	53565.71	50133.89	68637.38	59752.77	948142.6	809504.7	961911.8	4560.411	549535	298392.2	47048.98	43974.82	86929.43	74851	109488.2	80524.98
G3H7Z2	3	3	8.107578	0.000378	7.67291	31C	37C	Transgelin	1921785	1632876	2580080	11785439	2032056	2275877	679774.2	638834.4	316806.3	267493.8	677145.4	316905.9	3151176	2651608	5133709	183618.8	3481584	2452157	730581.5	638834.4	514130.9	399374.2	1080161	427073.8
G3IEG6	1	1	2.90672	2.45E-05	7.765423	31C	37C	Tubulin bet	602008.6	710161.5	760140.2	2439963	845192.3	751484	71079.5	87320.52	128429	100209.3	204166.3	195481.3	987121.3	1153223	1512487	38014.96	1448094	809691	76392.08	87320.52	208421.8	149614.8	325679.9	263437.6
G3H3I2	1	1	3.092981	0.044746	7.782514	31C	37C	Importin-9	1257168	132426	1157385	1317250	39968.52	44278.4	45798.71	366878	19310.36	28694.56	25042.17	21628.27	2061394	215045	2302904	20522.93	68479.29	47708.03	49221.77	366878	31337.94	42841.6	39946.49	29147.03
G3IHC7	10	10	33.90692	0.007715	7.830103	31C	37C	PRMT1 |PF	9705766	10033391	11933340	1.2E+08	9122058	9462753	6371107	6148408	2618518	2296137	2238839	2036841	15914672	16293104	23744335	1865458	15629102	10195701	6847292	6148408	4249477	3428183	3571327	2744921
G3IG41	1	1	2.623798	4.16E-05	7.949555	31C	37C	NADPH-de	546677.7	743993.9	591775.8	2666323	1009384	918510.9	64519.39	107225.3	132359.9	144939.8	161577.5	204098.5	896394.5	1208163	1177485	41541.67	1729408	989655.1	69341.66	107225.3	214801	216398.4	257743.4	275050.4
G3IAQ0	1	1	4.04416	0.041934	8.078923	31C	37C	Alpha-enol	2441721	1175172	3077348	41909630	3007598	2083334	2092800	1516984	701494.1	551118.1	1568201	215684.3	4003722	1908347	6123146	652957.8	5153009	2244700	2249219	1516984	1138424	822831.4	2501546	290663.9
G3GVP9	1	1	4.132657	0.045711	8.115653	31C	37C	Cell divisio	11595382	10096877	23339036	85857755	2823100	1137536	6456010	6750596	734025.7	748694.5	1612204	314467.5	19013099	16396198	46438793	1337676	4836904	1225645	6938541	6750596	1191218	1117817	2571739	423787.7
G3IGW1	2	2	8.54649	0.02932	8.250334	31C	37C	Protein CTI	2776391	3947995	2375528	54903416	2962313	3273399	1642363	1295343	1162088	1165869	2061041	1186775	4552485	6411102	4726701	855402.8	5075422	3526943	1765115	1295343	1885901	1740668	3287710	1599341
G3HQ15	1	1	2.524845	0.040179	8.452341	31C	37C	S-adenosyl	578951.3	693411.7	437454.5	9193494	316860.2	381009.7	219129.6	317077.4	175699.4	270090.1	193429.9	197114.3	949314	1126023	870424.1	143235.9	542886.4	410521.2	235507.7	317077.4	285134.8	403250.4	308553.4	265638.4
G3H7J1	1	1	2.640461	0.00039	8.453324	31C	37C	Uncharact(	480759	613953.1	544099.7	3233402	644090.5	754302.5	202554.4	58428.76	150642.4	119916.1	43090.59	167159.5	788306.8	996991.1	1082621	50376.84	1103540	812727.8	217693.6	58428.76	244470.9	179037.4	68736.79	225270.1
C4PFX6	1	1	2.708193	0.001628	8.679333	31C	37C	Caspase 3	677810	233310.9	1081722	1292888	175082.8	274575.3	128621.8	138537.8	15212.04	25003.3	88795.46	34207.02	1111414	378870.8	2152354	20143.37	299974.7	295842.8	138235.2	138537.8	24686.95	37330.48	141643.8	46098.6
G3HYL0	1	1	2.329905	0.038235	8.796928	31C	37C	Eukaryotic	28051.16	35206.54	68059.48	137870.3	92052.14	27594.08	5703.782	0	0	6742.297	22611.89	9143.108	45995.86	57171.47	135421.2	2148.038	157715.8	29731.41	6130.09	0	0	10066.4	36069.78	12321.58
G3HCP3	1	1	3.702919	0.008511	8.944247	31C	37C	Nucleosom	810510.5	1106460	523356.4	11160049	839148.3	839326.6	271241.2	220759.4	351216.6	278592.5	254403.3	332019.1	1329005	1796766	1041347	173875.1	1437738	904337.5	291514.2	220759.4	569973.9	415944.8	405816.4	447440.9
G3H4Q6	1	1	2.553126	0.01543	9.015479	31C	37C	TBC1 doma	141003.2	143709.8	124308.4	3306.564	71314.63	116013.8	11137.77	9129.705	16688.13	10127.58	13184.51	6246.399	231204.8	233368.6	247342.3	51.51673	122185.5	124999.8	11970.22	9129.705	27082.42	15120.7	21031.53	8417.872
G3H2Z6	1	1	2.104773	0.005052	9.227382	31C	37C	Phosphatic	273436.1	325278	259113.9	11900.67	195771.3	170527.2	15530.83	23178.1	8550.938	16913.75	39523.65	30254.82	448356.7	528215	515571.3	185.4141	335421	183735.6	16691.63	23178.1	13876.94	25252.61	63046.92	40772.48
G3HQ40	2	2	7.530704	0.012353	9.363058	31C	37C	Eukaryotic	522489.5	462246.7	559400.5	7065442	400060.9	342625.6	286408.8	195807.4	74409.19	79630.57	219503.7	143087.6	856732.9	750636.8	1113066	110080.6	685436.5	369164.1	307815.4	195807.4	120755.4	118890.2	350145.6	192830
G3I6H5	1	1	7.595198	0.006459	9.486893	31C	37C	Fermitin fa	787586.7	1031188	727482.8	13289516	993301.8	1693565	474768.7	431241.4	265258.3	249380.2	233123.2	298673.5	1291416	1674534	1447507	207052.5	1701854	1824742	510253.6	431241.4	430475.9	372330.1	371870.9	402503.2
G3I2N1	1	1	2.881424	0.024113	9.561432	31C	37C	Phosphate	5095425	2624314	5444867	58960577	2128974	2204765	2252988	1585794	751372.8	681407.4	1743299	981735.6	8355035	4261592	10833912	918613.9	3647636	2375538	2421380	1585794	1219370	1017356	2780857	1323022

G3HFQ4	1	1	4.139725	3.08E-08	9.586108	31C	37C	Dihydrolipo	3772954	4182782	3917434	1934228	4421277	4496548	311971.2	418320.4	431016.3	338267.3	493088.7	377977.3	6186562	6792370	7794704	30135.54	7575110	4844833	335288.4	418320.4	699477.2	505040.5	786560	509375.8
G3HPV6	1	1	2.20572	2.13E-05	9.61413	31C	37C	Histone H4	713167.6	533995.8	277015	121798.7	366612.7	204249.6	52212.91	32200.57	40417.27	24666.49	46184.86	34899.3	1169390	867149.4	551190	1897.641	628128.8	220069.9	56115.37	32200.57	65591.41	36827.61	73672.67	47031.55
G3IN61	1	1	2.475716	0.040725	9.839336	31C	37C	Myosin reg	310371.6	323335.8	546277.1	4317855	202421.3	67351.82	128313.2	101573.9	6066.557	43998.93	213533.2	92693.28	508920.4	525061.1	1086954	67272.77	346814.5	72568.62	137903.5	101573.9	9845.147	65691.38	340621.5	124916.8
G3I830	1	1	3.138445	0.000539	10.33171	31C	37C	Phosphopa	428519.3	433261.3	765986.1	74831.02	399478.4	346006.7	120588	56266.95	13408.36	8431.243	15652.94	22600.96	702648.7	703567.9	1524119	1165.878	684438.6	372807	129600.9	56266.95	21759.83	12588.03	24969.09	30457.87
G3HC84	1	1	2.662499	0.035701	10.37061	31C	37C	Heat shock	6785129	5710255	9173733	1.78E+08	8097817	7731671	5135886	5216624	3059822	1948127	3944244	1453887	11125665	9272816	18253413	2769846	13874237	8330536	5519749	5216624	4965651	2908597	6291736	1959310
G3IGI6	2	2	5.774172	0.027139	10.40607	31C	37C	Cytosolic p	1802991	1057642	2642087	20696093	542579.6	559963.2	838468.2	815171.6	165984.1	229973.4	313463.1	260539.4	2956388	1717492	5257087	322448	929618.3	603335.8	901136.5	815171.6	269368.2	343355.4	500026.6	351112.2
G3I872	1	1	6.009339	0.010355	10.5124	31C	37C	Cytochrom	4553190	2683556	5976456	25374862	1401618	636174	1258098	625428.2	271210.2	193961.3	1226260	289606.2	7465925	4357795	11891639	395343.8	2401435	685449.6	1352130	625428.2	440135	289588.5	1956092	390283.7
G3HMB9	1	1	3.301476	0.015483	10.67677	31C	37C	Histone H2	340302.4	118709.8	408284.9	2562145	56711.69	183300.3	121583.8	72464.82	31396.06	17675.47	77774.53	22791.03	557998.3	192771.4	812383.9	39918.56	97165.88	197498.1	130671.1	72464.82	50951.27	26389.86	124063.5	30714.01
G3IGU3	1	1	3.807708	0.011876	10.70317	31C	37C	LAS1-like p	207625.9	198360.5	103328.6	3528644	362341.4	271681.1	68301	63183.26	81920.16	58081.55	79040.06	85978.35	340446.8	322115.2	205597.8	54976.76	620810.5	292724.5	73405.92	63183.26	132944.6	86717.03	126082.3	115867.5
G3IFB0	3	3	6.392992	4.17E-05	11.13516	31C	37C	Serine/argi	433259	401094	316067.3	64003.12	531372.5	429834.3	40594.36	26437.58	30372.87	30522.55	35982.76	31473.65	710420.5	651331.7	628894.2	997.1774	910416.8	463127.6	43628.43	26437.58	49290.79	45570.84	57398.59	42415.02
G3HSU8	1	1	3.288638	0.01849	11.55561	31C	37C	Long-chain	284250	275387.5	216515	5172250	201730.1	216525.2	116525	50157.83	113988.4	86259.43	76717.8	107309.4	466088.5	447198.4	430810.3	80584.37	345630.4	233296.4	125234.3	50157.83	184986.8	128787.2	122377.9	144614.1
G3GVQ8	1	1	2.431228	0.010323	11.60566	31C	37C	Selenide, v	3799163	3917966	4415335	72755954	3346489	3809297	1960603	1404576	1107492	941016.8	1563720	953568.8	6229538	6362338	8785403	1133548	5733641	4104350	2107141	1404576	1797300	1404959	2494398	1285064
G3HGU3	1	1	3.023894	0.019859	11.66098	31C	37C	Disabled-li	537541.4	564526.1	485213.3	7385.645	446242.8	411260.1	48830.78	36984.92	37422.25	33027.48	38429.18	15593.87	881413.7	916727.1	965452	115.0694	764561.5	443114.7	52480.46	36984.92	60730.91	49310.75	61301.05	21014.86
G3HRC6	1	1	1.974598	0.003852	12.52001	31C	37C	Abhydrolas	232768.7	178080.6	208181.6	12350.11	337749.1	286897.7	7687.391	23427.74	19989.77	20322.61	27177.34	1716.769	381673.8	289182.9	414228.9	192.4165	578675.9	309119.6	8261.957	23427.74	32440.51	30342.11	43352.46	2313.58
G3HRT6	2	2	4.77959	2.84E-06	12.52399	31C	37C	Solute carr	746442.5	798955.4	683444.4	170649	405373.4	377625	33745.06	29277.37	47604.73	42881.3	45109.26	55493.75	1223951	1297414	1359882	2658.735	694538.7	406874.4	36267.22	29277.37	77255.61	64022.72	71956.9	74785.37
G3HBY2	1	1	3.428144	0.000248	12.7205	31C	37C	HN1L |	1191537	1143065	1278142	124952.4	1877435	1521072	69490.36	81086.55	137307.1	89976.89	83559.71	99579.65	1953779	1856210	2543179	1946.775	3216668	1638888	74684.16	81086.55	222829.6	134337.5	133291.9	134197.1
G3HP03	1	1	2.963639	1.15E-08	12.74631	31C	37C	RNA-bindir	1702627	1636424	1467142	1885519	1334378	1343191	199861.9	153928.2	101850.2	99283.59	104897.8	75236.54	2791819	2657370	2919242	29376.65	2286231	1447229	214799.9	153928.2	165288.2	148232.6	167329.8	101391.5
G3HCL3	1	1	2.772264	9.26E-06	12.87431	31C	37C	TNFSF9 |	502576.9	426610.6	445750.5	121423.4	291342.9	141087.7	23050.58	37046.99	24569.44	12887.09	17196.61	35066.43	824082	692767.9	886931	1891.793	499166.7	152015.8	24773.42	37046.99	39872.65	19240.71	27431.5	47256.78
G3ILG2	1	1	3.045632	0.000501	13.19109	31C	37C	THUMP dor	1084445	1218290	857699.1	69891	892046.5	943223.9	48959.82	43443.8	68677.77	48215.67	76128.12	98591.21	1778179	1978366	1706605	1088.911	1528371	1016282	52619.15	43443.8	111454.1	71987.05	121437.2	132865.1
G3I9S3	1	1	3.75352	0.032573	13.42634	31C	37C	60S riboso	4037173	2829260	5536552	1.19E+08	4322443	3534791	3948863	1876842	1341928	792523.9	1892456	545312.3	6619806	4594402	11016341	1859425	7405774	3808582	4244006	1876842	2177756	1183256	3018788	734882.5
G3I2I9	1	1	3.020869	0.013934	13.53326	31C	37C	60S riboso	28728.29	33563.27	74037.18	0	18634.71	12362.24	0	0	12364.03	0	0	0	47106.15	54502.99	147315.3	0	31927.42	13319.77	0	0	20065.04	0	0	0
G3H7Y0	1	1	2.44353	0.042315	13.64334	31C	37C	Coatomer	39665.43	11783.51	342055.3	81024.16	4547.206	6763.524	5081.034	2580.081	12385.44	7116.618	3676.038	4770.761	65039.92	19135.09	680603.7	1262.368	7790.868	7287.4	5460.797	2580.081	20099.79	10625.27	5863.903	6429.249
G3I7M1	1	1	2.2289	0.010519	13.66094	31C	37C	Ataxin-2-lik	53490.16	47860.74	47469.74	932.7341	56007.34	61146.57	2369.172	2547.363	2931.538	3868.249	3606.466	4215.198	87708.51	77720.48	94452.81	14.53213	95959.09	65882.74	2546.248	2547.363	4757.464	5775.381	5752.924	5680.553
G3IMH5	1	1	2.303608	0.036889	14.52868	31C	37C	Amyloid be	89575.76	52160.44	33781.46	2485054	182964.5	179270.6	44455.73	22711.66	48523.56	31177.31	36905.06	24284.63	146878.5	84702.71	67216.58	38717.49	313478.6	193156.2	47778.41	22711.66	78746.73	46548.41	58869.81	32726.84
G3HAN5	2	2	9.797362	0.003512	14.7757	31C	37C	Eukaryotic	1115990	1343006	1022801	17974401	779039.3	939292.1	239227.6	193814.6	290201.5	279495.5	243010.5	322671.5	1829904	2180892	2035116	280043.6	1334752	1012046	257107.8	193814.6	470955.2	417292.9	387642.9	434843.8
G3IKU2	1	1	2.522278	0.01323	15.12849	31C	37C	CTTNBP2N	14195.36	15182.04	58740.52	0	42603.46	21591.84	0	0	0	0	10067.97	0	23276.32	24653.93	116878.8	0	72993.81	23264.26	0	0	0	0	16060.12	0
G3IGQ2	1	1	3.25829	0.037462	15.5474	31C	37C	Heat shock	2610915	455921.7	2937583	38426941	1059813	529341.2	1519663	749792.8	142782.2	131566.3	383469.7	32740.18	4281151	740365.7	5845049	598697	1815810	570341.9	1633245	749792.8	231714.9	196431.3	611699.1	44121.84
G3H8G0	2	2	8.245189	3.55E-08	15.65625	31C	37C	Glutathion	1380081	1734633	923612.9	2496918	2289788	1329408	95422.05	74732.72	153053.3	123933.5	98690.54	102754.7	2262936	2816850	1837757	38902.33	3923163	1432378	102554	74732.72	248383.5	185035.4	157428.1	138475.9
G3HB42	1	1	3.66881	0.005839	15.98707	31C	37C	Heme-binc	316035	420409.5	282110.6	2691122	143160.5	41563.88	67729.71	34001.13	36570.7	21266.75	56701.14	27327.42	518206.8	682698	561328.9	41928.05	245281.2	44783.25	72791.92	34001.13	59348.97	31751.73	90447.92	36827.42
G3H972	1	1	2.629873	2.09E-09	17.37729	31C	37C	1-acylglyce	280298.3	246889.6	299696.5	473764.1	386733	421518	21697.25	13943.29	27340.27	17666.99	17922.23	22789.5	459608.8	400921.1	596320.4	7381.31	662601.5	454167.1	23318.93	13943.29	44369.32	26377.21	28588.99	30711.96
G3GU16	1	1	2.621724	0.001395	18.33515	31C	37C	UPF0364 p	1169587	882649.8	1425212	926777.6	144525.9	287209.6	144547.2	23542.79	41275.8	990.8651	28582.55	24814.45	1917787	1433324	2835812	14439.32	247620.7	309455.7	155350.8	23542.79	66984.67	1479.383	45594.01	33440.84
G3H9V0	2	2	4.906752	0.003555	18.39412	31C	37C	Proteasom	48276.54	39697.61	450478.9	55714.84	13839.36	14510.73	2787.188	11209.47	1939.918	3426.676	994.4356	13485.63	79159.68	64464.48	896339.4	868.045	23711.4	15634.67	2995.507	11209.47	3148.207	5116.102	1586.293	18173.72
D5FGC9	4	4	19.63514	1.55E-07	18.75252	31C	37C	RNA-bindir	66431667	78514935	77227030	1.53E+08	41726936	48056423	4956936	5939901	2674821	2999792	3714622	4485977	1.09E+08	1.27E+08	1.54E+08	2377237	71492037	51778683	5327425	5939901	4340848	4478756	5925451	6045464
G3IDL8	1	1	2.706224	0.020155	20.04917	31C	37C	Heat shock	3638995	2200147	2939812	99500692	1894828	3103957	2049727	1561250	347612.1	269686.1	1113870	307886.2	5966908	3572792	5849484	1550234	3246466	3344377	2202926	1561250	564124.3	402647.4	1776812	414918.5
Q80Z93	3	3	9.223	3.48E-07	20.1466	31C	37C	Gap junctic	1097410	1095522	932571.4	256303.4	906006	876142.2	38146.51	28025.14	38498.07	42225.07	56870.85	52553.25	1799438	1779004	1855582	3993.242	1552288	944004.7	40997.63	28025.14	62476.82	63042.96	90718.62	70822.64
G3GTU0	1	1	2.053535	0.002883	22.30685	31C	37C	Zinc finger	337071.2	379863.8	307749.3	6335.52	237159.4	173581.6	7646.795	1873.441	12179.84	18394.3	5086.009	19452.7	552700	616856.4	612343.5	98.70827	406332.4	187026.6	8218.327	1873.441	19766.13	27463.1	8113.044	26215.15
G3H375	1	1	2.149241	0.005459	23.12717	31C	37C	Eukaryotic	548707	558860.7	182838.4	9323773	411361.4	255321.2	77878	126452.4	66952.77	84227.54	80700.56	51563.99	899722	907527.3	363802.2	145265.7	704798.1	275097.3	83698.71	126452.4	108654.7	125753.6	128731.1	69489.48
G3I2G0	1	1	1.896402	0.022024	24.73842	31C	37C	UPF0696 p	30153.23	12607.62	54600.86	579510.3	15484.04	3813.29	7960.947	9958.382	595.6533	5267.896	714.0548	3644.292	49442.64	20473.36	108641.9	9028.85	26529.28	4108.652	8555.959	9958.382	966.6594	7865.086	1139.038	4911.178
G3I4C0	2	2	6.255449	1.43E-05	25.11467	31C	37C	Deoxycytid	363224.8	344852.1	451021.7	651141.1	117701.8	114919.8	23851.53	25917	3960.672	9630.572	10336.79	7644.803	595584.4	560001.2	897419.4	10144.87	201662.1	123821	25634.23	25917	6427.6	14378.66	16488.94	10302.41
G3I854	2	2	4.962021	5.93E-08	26.36283	31C	37C	Ubiquitin-a	458453.2	488415	445968.6	1110631	416755.5	389828	11334.49	28776.07	14466.02	27605.64	15496.07	27879.24	751731.7	793131.2	887364.9	17303.78	714039.9	420022.5	12181.65	28776.07	23476.27	41215.83	24718.86	37571.06
B2Z3Z4	1	1	2.789454	0.012548	27.16533	31C	37C	Bcl-xL | BC	564304.8	36291.28	930562.3	407592.8	12224.08	26869.81	16026.58	24608.29	2847.817	12308.87	7739.117	9277.025	925297.9	58932.98	1851584	6350.352	20943.89	28951.04	17224.42	24608.29	4621.596	18377.41	12345.2	12502.05
G3I2G1	1	1	2.755917	3.26E-05	27.82877	31C	37C	Fos-relatec	975012.3	1024588	828739.4	77176.43	860844.2	941100.1	26144.75	31468.7	28461.28	33285.22	13750.03	36048.06	1598740	1663817	1648982	1202.419	1474911	1013994	28098.85	31468.7	46188.56	49695.56	21933.63	48579.66
G3HBF7	1	1	2.706832	0.005285	35.03643	31C	37C	Zinc finger	6855.021	107071.6	62531.2	49036.27	22566.29	34446.39	995.2475	730.8128	369.7518	5461.195	506.2206	0	11240.27	173872.3	124421.3	763.9919	38663.52	37114.47	1069.634	730.8128	600.0539	8153.685	807.5075	0
G3HTJ8	1	1	2.269881	0.000983	44.7493	31C	37C	Fragile X m	44035.97	54061.93	75186.66	37250.14	42906.15	46550.12	0	0	3115.072	0	0	3588.741	72206.36	87790.52	149602.5	580.3624	73512.41	50155.71	0	0	5055.313	0	0	4836.316
G3I0F7	1	1	4.642119	0.025259	57.84066	31C	37C	Alpha-gala	138646.6	2160.732	638969.1	80673.91	6080.26	4927.652	2849.707	2927.189	1664.201	3389.114	2128.538	2107.784	227340.7	3508.787	1271387	1256.911	10417.49	5309.328	3062.698	2927.189	2700.758	5060.022	3395.378	2840.525
G3IDM2	1	1	2.302247	0.033261	213.7559	31C	37C	Cofilin-1 |(	2527.116	1536.122	1811.67	1051878	1678.457	1478.688	1508.023	0	0	1580.381	1874.781	0	4143.746	2494.489	3604.766	16388.41	2875.752	1593.221	1620.735	0	0	2359.544	2990.593	0
G3GXW9	1	1	1.913928	6.62E-06	1.504719	37C	31C	SAM doma	3730801	3743198	3668966	3594767	3963818	4256070	6030279	6013523	4953834	5285578	5761917	6499642	6117442	6078535	7300317	56006.96	6791331	4585728	6480991	6013523	8039358	7891485	9191233	8759151
G3HRK4	1	1	2.868239	0.000492	1.510319	37C	31C	RAB5B | RA	1158497	1028937	1154634	1455836	1014776	854405.7	1606678	1491768	1838902	1558084	1931816	1642180	1899603	1670878	2297431	22682.13	1738647	920584.6	1726763	1491768	2984273	2326254	3081573	2213061
G3GV47	2	2	4.952529	0.01697	1.512137	37C	31C	Leucine-ric	2688913	3700830	2612798	1200724	2024199	1917442	3343899	3279590	3173880	3693739	3554356	4343578	4409045	6009734	5198809	18707.45	3468123	2065960	3593826	3279590	5150749	5514835	5669800	5853562
G3H4X0	1	1	3.101778	0.003482	1.527979	37C	31C	LanC-like p	3115078	3295780	3624584	2937123	2469206	2953902	5621196	6109467	3457533	3591402	4604071	4724536	5107835	5351978	7212008	45760.77	4230566	3182699	6041332	6109467	5611078	5362043	7344272	6366954
G3H0D2	1	1	2.922383	0.021431	1.534446	37C	31C	Reticuloca	88222.75	119502.7	61417.12	128512.2	66673.28	57948.98	124420.2	128405.2	91269.68	149040.8	128063.5	180206.6	144660	194059.1	122204.6	2002.238	114233.4	62437.48	133719.6	128405.2	148117.5	222521.2	204283	242852.9
G3IGX9	2	2	7.489435	0.016846	1.536455	37C	31C	Sterol-4-al	626047.3	809884.3	593419.3	1473782	511481.7	481192.2	1212744	1171216	1088858	1076668	969672.7	1388446	1026538	1315161	1180755	22961.73	876337.3	518463.4	1303387	1171216	1767059	1607489	1546792	1871120
G3IBW2	1	1	2.857974	0.044552	1.536619	37C	31C	Cytochrom	527743	591837	422279.7	2267468	489828.9	672989.1	959840.7	937276.4	1315803	1442808	1455031	1529532	865347	961077.1	840230.1	35327.46	839238.8	725116.2	1031581	937276.4	2135359	2154144	2321021	2061252
G3HGQ1	15	15	45.8313	0.034911	1.541736	37C	31C	Cation-ind	1008447	1208239	835934	4371818	886212.2	1052128	2025289	2053702	2375904	2454820	2662374	2862846	1653564	1962045	1663298	68113.53	1518375	1133622	2176662	2053702	3855749	3665100	4246938	3858074
G3I903	1	1	6.449672	0.039787	1.548963	37C	31C	Acyl-coenz	357424.3	772348.2	349458.8	1513617	645125.3	432279.8	861756.3	892706.3	1157310	1123857	925019.6	1344022	586073.4	1254207	695334.9	23582.36	1105313	465762.5	926165.2	892706.3	1878147	1677943	1475563	1811252
G3HMU4	1	1	2.10821	0.009122	1.550973	37C	31C	Chloride in	2624165	2685826	2690454	4750057	2168621	2063320	4744512	4736251	3592641	3414227	5675833	4175848	4302877	4361480	5353325	74006.54	3715565	2223137	5099124	4736251	5830338	5097516	9053914	5627522
G3GXY4	1	1	2.402125	0.025163	1.551441	37C	31C	Regulation	440609.9	561949.5	474797.4	179115.8	451028.3	491803.1	502431.9	566838.3	722971.8	748838.5	687983.7	803602.5	722473.9	912543.1	944727	2790.649	772760.5	529896.3	539984.4	566838.3	1173279	1118032	1097450	1082964
G3I3V3	1	1	2.398643	2.09E-05	1.555515	37C	31C	Coproporp	390158.8	439244	391134.6	433004	385635.3	387636.8	678789.4	766198.7	639010.9	543825.2	585699.5	561419.7	639748.4	713283	778259.1	6746.262	660720.8	417661.6	729523.1	766198.7	1037023	811943.1	934289.7	756589.4
G3HHE4	1	1	2.651219	0.0228	1.555905	37C	31C	Leucyl-tRN	724464.3	791961	989110	494809.2	965573.4	1123714	1466538	2061987	1149602	1188948	938884.5	1113026	1187913	1286056	1968079	7709.195	1654347	1210752	1576150	2061987	1865638	1775126	1497680	1499954
G3I909	1	1	2.140609	0.01609	1.559238	37C	31C	Delta-1-pyr	186530.7	161277.7	157964.8	125809.6	117864.6	89448.92	150208.9	154442.6	231663.7	252129.2	234399.1	285195.8	305856.9	261896.9	314310	1960.13	201941.1	96377.27	161435.7	154442.6	375956.8	376434.5	373906.3	384340.2
G3I874	1	1	2.548561	0.040939	1.559495	37C	31C	MACRO do	591434.2	447216.3	450188.2	400953.9	176455.7	155679.6	495786.3	490133.3	553065.8	576263.6	620163.3	729673.7	969782.4	726229.3	895760.9	6246.917	302326.9	167737.9	532842	490133.3	897546.1	860374.3	989265.5	983334.5
G3GS40	1	1	2.785338	0.023142	1.564971	37C	31C	Succinyl-C	193106.5	236958.3	182048.7	239734.1	106533.4	130272.1	296321.2	249896.9	334385.3	179038.9	385526.8	258541.3	316639.3	384793.8	362231	3735.091	182527	140362.5	318468.7	249896.9	542659.2	267309	614980.4	348419.6
G3I7U9	1	1	3.992691	0.046364	1.565045	37C	31C	HTRA2 |	599815.3	420935.2	353956.3	153565.3	239239.4	114600.8	525731.6	427611.7	474656.1	410039.5	550725.2	556826.3	983525	683551.6	704283.7	2392.568	409896.1	123477.3	565025.5	427611.7	770298.5	612198	878499.9	750399.1
G3GY52	1	1	1.910334	0.006009	1.569284	37C	31C	Phosphorit	1375971	1403922	1029388	647994.8	1050033	1462619	1763790	1666556	1968159	1960658	1451560	2127074	2256198	2279812	2048222	10095.85	1799054	1575908	1895618	1666556	3194039	2927306	2315485	2866521
G3HSM3	1	1	2.255138	0.008925	1.575276	37C	31C	Thimet olig	1543690	1778411	1765453	1484783	1659652	1752170	3424277	3941810	1883302	1956611	2231007	2290799	2531208	2887940	3512806	23133.13	2843533	1887886	3680212	3941810	3056328	2921263	3558833	3087163
G3HI80	1	1	2.207768	0.024612	1.576342	37C	31C	Cob(I)yrini	81119.08	92187.79	111598.6	235862	60029.46	59456.51	183541.9	179866	142208.4	149306.6	154027.4	200308.2	133012	149702.6	222053	3674.762	102850.3	64061.78	197260	179866	230783.8	222918	245699.8	269942.5
G3HID3	1	1	2.296923	0.048242	1.585327	37C	31C	Coatomer	221188.9	175413.3	199094.8	51714.43	97106.22	106362.6	266134	213315.7	196174.6	183114.2	316379.6	173805.7	362686.3	284851.6	396148.4	805.7179	166375.1	114601	286025.3	213315.7	318363.2	273393.5	504679.1	234226.8
G3GSP9	1	1	3.415066	0.029654	1.590067	37C	31C	Protein dis	4631167	6328208	5337307	1850166	3705078	3738736	4336496	5808975	7131048	7219518	8212589	7982245	7593786	10276301	10619894	28825.84	6348023	4028323	4660612	5808975	11572663	10778899	13100469	10757160
G3GTN0	1	1	2.611981	0.028503	1.597587	37C	31C	Low-densit	236671.6	210115.2	260179.6	1028423	333951.7	299035.5	529523.8	532437.8	574901.6	620201.1	707528.2	819093.9	388073.5	341203.6	517691.8	16022.97	572169.6	322197.6	569101.1	532437.8	932982.3	925974	1128627	1103840
G3H2W4	1	1	3.945626	0.04294	1.598772	37C	31C	Threonyl-tF	176860.5	116303.9	124954	3028658	40784.46	129701.2	1851008	1267346	434827.2	372178	893471.6	964348.1	290000.5	188864.5	248627	47186.91	69877.26	139747.4	1989355	1267346	705661.8	555670	1425238	1299590
G3IIT6	1	1	2.830363	0.026345	1.603577	37C	31C	Cysteinyl-t	89740.46	56239.9	155682.4	40412.33	45972.28	42892.61	118798.8	157037.9	100574.8	102672.4	107937.3	104024.1	147148.6	91327.31	309768.7	629.6297	78765.72	46214.91	127678	157037.9	163218.4	153292.2	172178.2	140186.6
G3H0U6	8	8	25.97526	0.005834	1.609774	37C	31C	Protein dis	62028289	69871191	58100759	1.01E+08	39625693	45659926	1.13E+08	1.2E+08	80693408	88841789	1.01E+08	1.01E+08	1.02E+08	1.13E+08	1.16E+08	1569127	67891913	49196563	1.22E+08	1.2E+08	1.31E+08	1.33E+08	1.61E+08	1.36E+08
G3GX26	1	1	3.221296	0.019669	1.61374	37C	31C	Ras-relatec	1301317	1267000	1652689	2747780	1624714	1570783	3939484	3772287	2098408	2058834	2538161	1995336	2133786	2057466	3288434	42810.8	2783672	1692450	4233927	3772287	3405414	3073885	4048797	2688986
G3IG25	2	2	6.438246	0.007197	1.617624	37C	31C	ATP-depen	2682675	2701095	2696203	1085881	1622333	1652863	3199525	2922326	3468531	3500705	3268796	3765058	4398817	4386277	5364763	16918.17	2779593	1780887	3438662	2922326	5628926	5226630	5214283	5073928
G3H2P1	3	3	7.489567	0.000452	1.618785	37C	31C	F-box/LRR-	1218167	1223611	1223154	1167355	738734.6	811285.2	1833416	1717546	1638379	1610234	1863679	1668324	1997444	1987007	2433768	18187.55	1265697	874124.1	1970449	1717546	2658852	2404115	2972883	2248294
G3HE03	2	2	5.308074	0.003955	1.622434	37C	31C	FHL3 |	460771.8	466271.9	417859.8	207504.6	388322.8	370113.4	615975.8	517583.1	599006.4	581014.2	802816.3	632797.1	755533.5	757173.4	831435.6	3232.95	665325.3	398780.9	662014.7	517583.1	972101.1	867467	1280628	852780.2
G3IPK9	1	1	2.858782	0.01294	1.623972	37C	31C	Adenylate l	4058294	4023978	3313906	1224279	2612434	2781811	4705854	4647674	5383114	5055149	4517193	4946384	6654437	6534491	6593838	19074.43	4475963	2997279	5057577	4647674	8736017	7547449	7205688	6665926
G3H8Y0	4	4	11.78902	0.007884	1.626979	37C	31C	Terpene cy	2317141	2325643	2095683	834416.9	2076358	2128564	3153811	3244248	3300092	3253340	2931142	3279609	3799446	3776585	4169880	13000.33	3557487	2293434	3389531	3244248	5355573	4857308	4675667	4419719

G3HU24	1	1	3.588909	0.005355	1.637648	37C	31C	Aflatoxin B	2741794	2255214	2483283	1232317	2975124	2460813	3284587	2928648	4174438	4011606	4204263	4566798	4495755	3662215	4941107	19199.67	5097372	2651417	3530082	2928648	6774510	5989417	6706510	6154381
G3HWS3	2	2	4.878078	0.003606	1.644845	37C	31C	Ras-relate	1756698	1868628	2132942	1665256	1212073	1359493	3726503	3454480	2256864	2113547	2626156	2262822	2880480	3034442	4244015	25944.91	2076682	1464794	4005027	3454480	3662565	3155573	4189163	3049460
G3GYL3	1	1	2.018497	0.016748	1.64688	37C	31C	NADH dehy	363472.1	438750.1	373277.6	136579.6	411618.7	468881	500248	569260.5	598930.3	744285.6	549781.7	648408.1	595990	712481.1	742728.3	2127.93	705238.9	505198.6	537637.3	569260.5	971977.5	1111235	876994.8	873818.1
G3I6B8	1	1	2.333261	0.010649	1.647188	37C	31C	Coatomer	831382.4	907050.4	957163.2	326931.8	662687.4	666458.5	1399144	1457947	1046349	1018001	1210384	1036200	1363229	1472948	1904513	5093.642	1135403	718079.7	1503718	1457947	1698073	1519898	1930767	1396421
G3I8B9	2	2	4.696678	0.020398	1.651982	37C	31C	AP-2 comp	881187	1046254	865938.8	305178.2	1030397	1124742	1208195	1253098	1476295	1648600	1388209	1704614	1444894	1699000	1723000	4754.718	1765411	1211860	1298498	1253098	2395814	2461397	2214428	2297199
G3I5Q9	1	1	3.518213	0.019377	1.657053	37C	31C	Ras-relate	1249721	1318820	1128756	408382.5	882468.8	960342	1571003	1724225	1191326	1541698	2332395	1496316	2049184	2141617	2245940	6362.656	1511961	1034726	1688422	1724225	1933350	2301789	3720565	2016490
G3H352	5	5	13.58993	0.001229	1.657731	37C	31C	Cytoplasm	1313335	1449193	1400902	680332.5	1130214	1312196	2106972	2218694	1835944	1914980	1886800	2115120	2153492	2353327	2787442	10599.67	1936429	1413833	2264451	2218694	2979472	2859107	3009766	2850411
G3I6Y6	1	1	2.215731	0.023359	1.661021	37C	31C	Sulfhydryl	74551.44	38220.3	119299.1	157372	61827.43	91288.5	173571	198913.7	152019	119476.8	120892.7	136328.1	122243	62065.48	237375	2451.878	105930.8	98359.35	186543.9	198913.7	246704.9	178381.6	192844.3	183720.6
G3HSZ6	1	1	2.026864	0.018003	1.664546	37C	31C	Aldose 1-e	876103.7	730077.5	834411.9	286811.4	1096688	896990.6	1393128	1283278	1559502	1379534	1249586	993429.9	1436559	1185564	1660269	4468.561	1878989	966468	1497253	1283278	2530847	2059674	1993301	1338782
G3HKJ6	1	1	2.498286	0.044785	1.66933	37C	31C	Myc box-de	703832.6	753078.4	617337.5	117173.4	543276.2	542446.4	970226.4	914909.1	898883	884485	944229.6	857903.6	1154084	1222915	1228346	1825.578	930811.7	584462.2	1042742	914909.1	1458757	1320556	1506206	1156142
G3H1K9	9	9	29.9348	0.002662	1.674845	37C	31C	Alpha-acti	11493828	11378512	11011174	5306933	12144979	12145091	16280270	16318256	17397359	16688304	18381568	21254265	18846580	18477429	21909458	82682.75	20808364	13085802	17497081	16318256	28233404	24916007	29321711	28643012
G3I278	2	2	7.395344	0.000102	1.678303	37C	31C	Laminin su	4304062	4910095	4030488	4460872	3143632	3872337	6079828	6581589	6806484	5864467	7959360	8198408	7057426	7973444	8019654	69501	5386080	4172273	6534243	6581589	11045942	8755778	12696527	11048469
G3GRT8	1	1	4.306569	0.036726	1.680231	37C	31C	Diphospho	757910.4	817667.7	585638.5	185927.1	471799	358101.4	636944.3	666786.3	967984.2	863687.6	902128.7	1300638	1242756	1327801	1165273	2896.77	808347.7	385838.5	684550.4	666786.3	1570899	1289505	1439048	1752787
Q6E6J6	1	1	2.351679	0.009175	1.680729	37C	31C	Chromobo	182370.1	181482	201656.1	91284.64	263806.1	287520.8	275825.2	290617.7	421432.6	351033	333097.8	358515.3	299034.7	294706.4	401244.8	1422.227	451987	309791.1	296440.8	290617.7	683924.3	524100	531347.4	483148.1
G3GY44	2	2	4.47659	0.016451	1.683043	37C	31C	Myosin-10	1227673	1318422	1142927	326836.6	897371.7	899218.6	1733259	1579845	1586351	1552150	1737712	1593285	2013032	2140971	2274137	5092.16	1537494	968868.5	1862805	1579845	2574419	2317394	2771945	2147169
G3IDS3	6	6	16.59723	5.81E-08	1.688335	37C	31C	Putative he	1661726	1594973	1754118	1664299	1615597	1552964	2996409	2868968	2512352	2507698	2966512	2767488	2724754	2590057	3490252	25930.01	2768052	1673251	3220364	2868968	4077185	3744048	4732089	3729566
G3GWB3	2	2	5.349468	0.005331	1.689129	37C	31C	Alpha-2-ma	918699.5	862844.8	744951	361758.2	550109.8	590179.7	954646.9	874748.3	1194389	1180227	1202713	1398003	1506404	1401163	1482265	5636.243	942520	635892.7	1025999	874748.3	1938321	1762105	1918530	1884000
G3HLN9	1	1	2.800218	0.039065	1.690745	37C	31C	General tra	1022492	1063075	911030.8	1607698	455410.6	384929.3	2030283	1850542	1040597	997214.8	1607077	1679776	1676594	1726314	1812721	25048.16	780269	414744.4	2182030	1850542	1688739	1488864	2563560	2263727
G3H746	1	1	1.943975	0.000261	1.691721	37C	31C	LNPEP | LN	190736.1	283922.9	184747.6	271687.5	297568	285640.6	468310.9	409749.2	361626.6	466977.8	400676.6	454436.2	312752.5	461059	367601.1	4232.928	509832.3	307765.2	503313.1	409749.2	586867.9	697208.2	639146.9	612414.5
G3HZM3	2	2	6.53789	0.000944	1.692571	37C	31C	V-type prot	618163.7	752652.9	516748.8	605793.1	463998.2	347314.7	848602	925520.6	845229	848233.2	1093523	1032282	1013611	1222224	1028200	9438.34	794982.4	374216.4	912027.7	925520.6	1371685	1266431	1744354	1391140
G3HC70	1	1	2.733527	0.034315	1.69381	37C	31C	Pre-B-cell l	989063.9	883833.4	858307.2	208336.7	333148.5	326704.1	895474.6	801981.6	1012964	1007804	1060832	1317633	1621781	1435246	1707815	3245.914	570793.6	352009.3	962403.7	801981.6	1643894	1504674	1692207	1775690
G3HD12	1	1	2.754058	0.003227	1.694312	37C	31C	cAMP-depe	783532	1069445	754996.8	1713993	1371044	1040695	1961822	1966184	2061843	1941050	1360239	2117861	1284768	1736659	1502253	26704.25	2349052	1121303	2108451	1966184	3346074	2898030	2169812	2854106
G3IJB9	4	4	15.91529	1.20E-06	1.699057	37C	31C	UDP-N-ace	1567795	1646935	1869829	1978209	1829893	1694498	3360861	3035523	2878235	2571129	3160763	2981680	2570735	2674437	3720488	30820.77	3135212	1825747	3612057	3035523	4670960	3838752	5041952	4018219
G3H4D2	3	3	10.79468	0.000673	1.708061	37C	31C	Glycosyltra	2734273	2722141	2859952	2797737	1813565	1545912	3886669	3670027	4438670	3836499	4227451	4662441	4483422	4420453	5690583	43589.13	3107237	1665653	4177165	3670027	7203321	5727977	6743500	6283273
G3HSW9	3	3	9.287368	0.01628	1.711861	37C	31C	Isocitrate c	2803545	2990991	2943688	911020.1	1823420	1589788	3327893	2947053	3664101	3266857	5228962	3926232	4597009	4857034	5857195	14193.82	3124121	1712926	3576624	2947053	5946307	4877490	8341079	5291131
G3HRP2	1	1	2.413184	0.020699	1.714445	37C	31C	Canopy FG	591610.2	673426.6	644293.1	146125.6	453957.6	424618.6	813953.4	763269.3	901511.2	841885.6	892264.1	817353.3	970070.9	1093569	1281981	2276.657	777779.5	457507.9	874789.5	763269.3	1463023	1256954	1423312	1101495
G3HDL7	2	2	5.258048	0.027339	1.721313	37C	31C	NADH-ubic	523467	655988.3	587066.5	135156.7	242860.5	279178.1	548189.7	606485.8	744306.1	646897	794758.1	831339.5	858335.7	1065252	1168114	2105.76	416100.4	300802.2	589162.2	606485.8	1207902	965831.5	1267774	1120343
G3IB53	1	1	3.971109	0.01937	1.72412	37C	31C	Golgi-asso	1900417	2273809	2058278	508438.6	1531321	1450703	2322473	2562732	2667521	3217390	3001865	2991577	3116138	3692412	4095453	7921.543	2623660	1563069	2496057	2562732	4329001	4803635	4788482	4031557
G3HGT4	3	3	6.832251	0.019785	1.724204	37C	31C	Uncharacte	126132.7	144255.8	107328	47921.65	106599	90509.79	119722.7	118415.4	184684.6	186281.2	206826.7	257812.5	206821.5	234255.3	213555.7	746.6259	182639.3	97520.32	128671	118415.4	299716.4	278122	329923.6	347437.4
G3I000	2	2	11.85395	0.010339	1.727206	37C	31C	Aldehyde d	994186	1022335	888538	305418.5	811095.4	687551.2	1157824	1107097	1460402	1391277	1446368	1570661	1630180	1660157	1767966	4758.462	1389675	740806.2	1244361	1107097	2370022	2077207	2307201	2116679
G3HHA9	3	3	10.92507	0.016432	1.728045	37C	31C	Annexin | A	4283728	4546297	4379235	1356738	5185382	5357645	8171424	8441734	6336697	6641235	6422850	7375579	7024084	7382677	8713573	21138.17	8884274	5772626	8782168	8441734	10283546	9915510	10245533	9939596
G3I3I0	4	4	10.32095	0.013684	1.732893	37C	31C	AP-2 comp	1695172	1794570	1860564	536433.7	1686002	1598575	3188699	3093334	2479762	2182773	2635457	2312882	2779596	2914181	3702052	8357.711	2888679	1722394	3427027	3093334	4024297	3258928	4204000	3116923
G3H576	10	10	39.20679	1.49E-05	1.736368	37C	31C	Annexin | A	4929102	4921137	5839089	6792809	5500748	6018777	10993980	11753321	9234153	9029569	8676395	9351976	8082313	7991375	11618313	105832.9	9424600	6484968	11815686	11753321	14985698	13481345	13840319	12603060
G3GW54	1	1	2.50493	0.032402	1.738743	37C	31C	RalBP1-ass	133126.3	121681.2	77669.27	28266.62	166919.2	136247.4	195041.2	172224.4	244225.8	208249.1	173901	160727.1	218288.9	197596.7	154542.2	440.3978	285987.8	146800.5	209618.9	172224.4	396343.3	310920.5	277401.6	216601.6
G3H316	1	1	2.467571	0.026917	1.747661	37C	31C	AP-3 comp	188977.8	162491.7	162386.5	36577.7	148669.6	161626	236067.7	202212.3	277262.4	242231.4	272533	273956.4	309869.3	263868.3	323108.2	569.8856	254720.2	174144.9	253711.8	202212.3	449956.8	361656.8	434736.2	369193.5
G3II33	2	2	4.959589	0.003449	1.752426	37C	31C	Heterogen	685133.5	713328.4	681360.3	269246.9	388035.6	487839.3	924992.9	1010688	877679.3	900928.4	906467.3	1030719	1123422	1158366	1355735	4194.903	664833.3	525625.4	994128.2	1010688	1424347	1345106	1445969	1389034
G3HWT7	2	2	4.247281	0.003217	1.75261	37C	31C	FYVE and c	108782.3	79056.58	91914.07	95608.76	183275.6	176782.1	205244.8	168597.3	236846.8	218992	260807.9	198414.5	178371.7	128379	182885.8	1489.598	314011.8	190474.9	220585.1	168597.3	384368.2	326959.8	416032.7	267390.6
G3IL62	1	1	2.345357	0.031664	1.754267	37C	31C	NAD(P) tra	890544	1063107	722171.5	185284	348824.4	324775.3	830541.4	784577.1	1103615	1042092	1129660	1310334	1460237	1726367	1436939	2886.751	597651.5	349931.2	892617.2	784577.1	1791008	1555867	1801998	1765853
G3H289	1	1	2.734418	0.040191	1.754422	37C	31C	Aldehyde d	8355221	8523750	7535596	1258720	5041950	5127088	8533637	8983188	10124781	10959777	11385922	12895263	13700164	13841616	14993934	19611.02	8638527	5524212	9171453	8983188	16431060	16363189	18162471	17378121
G3HDW4	1	1	2.609604	0.003148	1.761269	37C	31C	ACOT13 | A	470059.8	442844.8	577164.1	277697.1	259749.7	259154.5	737927	675166.3	610806.5	510705.1	801082.5	691753.4	770763.1	719130.4	1148411	4326.559	445037.1	279227.6	793080.7	675166.3	991250.9	762494	1277862	932231.7
G3I0I7	1	1	5.429707	0.013916	1.765963	37C	31C	S-methyl-5	1235439	1256985	1243230	328279.5	1023397	1018075	1632985	1686603	1728840	1781971	2258545	1692973	2025765	2041203	2473714	5114.64	1753417	1096931	1755036	1686603	2805659	2660522	3602761	2281511
G3GV42	2	2	6.262311	0.021491	1.766899	37C	31C	Asparaginy	1680931	1580875	1385409	317882	1103414	1171807	2111918	2000343	2196771	2225767	2077032	2181081	2756245	2567163	2756614	4952.646	1890512	1262571	2269766	2000343	3565042	3323119	3313217	2939303
G3I7I9	2	2	4.590108	0.000201	1.7686	37C	31C	Dolichyl-di	857320	778058.7	866775	1128397	590240.7	586157.9	1466345	1422657	1465564	1404383	1284426	1458194	1405759	1263480	1724663	17580.58	1011277	631559.4	1575942	1422657	2378400	2096775	2048876	1965115
G3HEY8	1	1	2.090111	0.017336	1.769072	37C	31C	Nucleotide	99456.78	92737.3	89208.8	1195826	48002.36	49247.36	505392.9	438568.4	499536.6	483111.7	383573.5	475183.7	163080.6	150595	177503	18631.14	82243.92	53061.87	543166.7	438568.4	810675.9	721296.4	611864.6	640374.7
G3IJD1	6	6	15.54315	0.006764	1.770072	37C	31C	Putative AT	4587282	4950927	4725346	1785290	5453520	5578747	6798566	6847160	8265437	8422238	8007780	9594329	7521826	8039752	9402247	27815.07	9343684	6010855	7306700	6847160	13413612	12574587	12773764	12929663
G3HNI0	2	2	5.941211	0.009195	1.77134	37C	31C	Ectonuclec	2411891	2698138	2194110	748168.3	1786495	1642878	2893120	3206527	3283893	3057767	3495143	4401512	3954809	4381474	4365726	11656.56	3060857	1770129	3109356	3206527	5329285	4565313	5575344	5931636
G3I1X5	2	2	5.215306	0.001774	1.774795	37C	31C	Protein REI	1355896	1516659	1144922	564496.2	937817	909132.4	1704826	1797481	1889434	1964428	1980812	2073037	2223281	2462884	2278107	8794.929	1606791	979550.2	1832247	1797481	3066279	2932934	3159730	2793700
G3IHM3	1	1	2.284146	0.007011	1.779162	37C	31C	Chloride tr	65463.62	47401.9	24614.36	52026.73	75051.12	53886.11	73153.64	87266.95	124902	90206.08	76350.7	114683.8	107341.6	76975.39	48976.37	810.5836	128587.4	58059.92	78621.25	87266.95	202697.9	134679.7	121792.3	154552
G3H6D9	2	2	5.584651	0.006155	1.791698	37C	31C	DNA (cytos	81140.4	67517.09	66868.72	49199.54	116992.3	84069.75	180089.1	121219.1	193618.9	93288.9	142433.2	103901.8	133047	109640.2	133051.9	766.5357	200446.5	90581.46	193549.3	121219.1	314215.5	139282.4	227205	140021.7
G3GXB5	1	1	2.621045	0.000538	1.791998	37C	31C	Ethanolam	393272.3	428358.2	303829.6	276580	380346.3	311083.4	629856.9	627866.3	759279.9	668730.9	397343.8	668415.4	644853.7	695605.7	604544.2	4309.155	651659	335178.6	676933.3	627866.3	1232202	998430	633830.5	900780.6
G3IAY3	1	1	1.976644	0.042774	1.794168	37C	31C	SEC23-inte	504911.5	496159.6	477327.2	64405.29	392873.5	391569.2	732718.1	716659.6	683278.7	704635.9	665751.4	672426.9	827910	805707.7	949760.6	1003.443	673122.2	421898.6	787482.5	716659.6	1108863	1052037	1061986	906186.7
G3GWP1	4	4	9.010845	5.25E-05	1.797916	37C	31C	Protein tra	929296.4	928959.2	861189.2	569447.2	957130.8	871443.5	1408357	1310900	1665242	1655682	1555568	1605030	1523779	1508526	1713549	8872.065	1639882	938942.1	1513619	1310900	2702447	2471969	2481394	2162996
G3HEP7	4	4	13.87748	0.000422	1.804123	37C	31C	COMT | CC	3263458	3454011	3055646	4849938	2440025	2202529	5463042	6355486	5304421	5180518	6286791	6167264	5351135	5608926	6079964	75562.71	4180570	2373129	5871358	6355486	8608311	7734628	10028495	8311227
G3H9S2	1	1	2.765607	0.006157	1.813965	37C	31C	tRNA (guan	59114.27	70481.63	41957.53	23447.91	32283.24	46512.54	92852.26	92963.77	82586.8	78981.64	95415.7	53858.25	96930.45	114454.3	83484.9	365.3217	55311.86	50115.22	99792.17	92963.77	134026.5	117921.3	152204.2	72581.32
Q91Z81	2	2	5.304717	0.041327	1.8148	37C	31C	Protein dis	17791966	19026396	17530603	2695794	18588568	19473393	25570347	26067287	29501625	31925673	26511554	33023184	29173720	30896738	34881476	42000.84	31848362	20981726	27481511	26067287	47876883	47665734	42290414	44503230
G3H8F4	2	2	5.185344	0.000552	1.816525	37C	31C	Dystroglyca	736605.6	830137.7	725341.2	1365105	583411.3	624994.1	1440757	1469635	1480320	1564451	1280821	1602491	1207822	1348051	1443246	21268.52	999576.4	673403.7	1548441	1469635	2402345	2335760	2043126	2159575
G3GSJ8	2	2	5.432777	0.019948	1.819152	37C	31C	Disks large	128550.6	148435.4	96876.91	25675.5	94767.73	73360.4	165362.7	153058.6	174040.2	164822.4	216765.3	158622.2	210786.1	241042.5	192760.6	400.0278	162368.5	79042.61	177722.1	153058.6	282442.2	246083.5	345777.3	213765
G3I1V3	2	2	3.886503	0.033891	1.820052	37C	31C	Fibronectir	47022.21	27961.83	27751.55	313893.1	52536.33	43247.11	154957.8	151203.3	209358.1	142583.8	206042.8	68471.09	77102.93	45406.88	55218.58	4890.497	90012.09	46596.86	166539.5	151203.3	339758	212880.7	328673.2	92274.1
G3GS78	4	4	16.34411	0.003335	1.823186	37C	31C	DnaJ-like s	1278538	1226755	1164439	1097611	589283.1	498594.1	1715518	1666986	1790427	1588315	1840815	2073094	2096436	1992113	2316940	17100.92	1009637	537213.3	1843739	1666986	2905605	2371390	2936412	2793776
G3H1B2	1	1	2.181121	0.04981	1.823318	37C	31C	Alpha-amir	33195.35	53395.21	21173.39	6128.419	93552.79	57120.01	72997.51	73262.53	99652.55	83369.17	87872.26	65232.51	54430.85	86707.84	42129.7	95.48162	160286.9	61544.3	78453.45	73262.53	161721.7	124472	140171.1	87909.68
G3HLW9	3	3	7.756553	3.62E-05	1.825495	37C	31C	Signal tran	398306.6	421676.3	302622.2	245929.8	367127.7	369991.7	617106.5	561350.2	678639	681912.4	630397.2	674456.2	653108.6	684755.1	602141.9	3831.62	629011.1	398649.8	663229.9	561350.2	1101333	1018110	1005590	908921.4
G3HZ28	1	1	2.619873	0.001223	1.827541	37C	31C	Twisted ga	1333158	1193065	1258567	572414.6	1444953	1242791	1956539	1855682	2350507	2177360	2265492	2269352	2185996	1937404	2504230	8918.299	2475682	1339053	2102773	1855682	3814533	3250847	3613843	3058261
G3H2L0	1	1	2.112231	0.043005	1.83117	37C	31C	MAGUK p5	144493.3	171047.3	191521.2	51214.88	640161	529669.6	397788.4	371340.1	536702.2	555280.6	663185.2	640161.1	236927.5	277761.7	381078.8	797.9349	1096807	570695.7	427519.6	371340.1	870990.2	829046.1	1057893	862704.1
G3HTR9	1	1	2.980666	0.003708	1.834164	37C	31C	Malic enzy	725745.6	805070	657072.3	347736.1	653073.8	597841.7	764095.8	853545.9	1266588	1244744	1325204	1490958	1190015	1307344	1307408	5417.777	1118931	644148.2	821205.4	853545.9	2055490	1858431	2113925	2009268
G3HQA3	1	1	4.372682	0.021691	1.836402	37C	31C	Arfaptin-1	417179	396826.5	365097.6	82209.43	250254.1	158645.2	454196.8	454091.9	601466.3	404601.3	637356.5	515466.8	684053.9	644401.8	726452.2	1280.834	428767.9	170933.2	488144.1	454091.9	976093	604078.7	1016691	694661.6
G3HS21	1	1	2.360902	0.022952	1.839956	37C	31C	GTP:AMP p	414109	345827.2	393908.6	78260.72	220470.6	216545.2	461844.9	366193.1	570344.1	438003.5	623029.7	611693.8	679019.9	561584.6	783778.6	1219.313	377739	233317.9	496363.9	366193.1	925586.1	653948.9	993837.8	824340.5
G3II47	8	8	23.69998	0.034258	1.840523	37C	31C	Aconitate h	7191166	7528125	6908092	1050855	5121404	5148083	8608996	8470659	10088854	9970989	11384740	12116813	11791449	12224833	13745360	16372.47	8774659	5546833	9252445	8470659	16372756	14886906	18160587	16329052
G3I3U5	4	4	9.346025	0.010785	1.842341	37C	31C	Nidogen-1	578733.7	555504.3	469353	159407.2	645836.5	558163.8	763051.9	770324.2	1075214	993568.9	975202.3	888860.3	948957.2	902076.8	933894	2483.587	1106531	601396.9	820083.4	770324.2	1744917	1483420	1555613	1197860
Q6V9Y0	2	2	5.33013	0.008236	1.84296	37C	31C	AP-3 comp	567819.4	515610.9	511533.9	149615.2	432662	310037.9	867846.7	714623.5	881674	660574.1	733238.1	725998.8	931060.9	837294.5	1017823	2331.025	741293.1	334052.2	932710.7	714623.5	1430830	986251.8	1169639	978382.1
G3HFP8	1	1	2.103394	0.015994	1.84351	37C	31C	KDEL motif	165108.3	182854.6	219179.3	237444.9	95589.77	71213.99	359010.1	340280.4	214625.9	188919.9	305711.8	382220.5	270730.2	296935.4	436111.5	3699.424	163776.9	76729.95	385843	340280.4	348306.9	282061.6	487662.1	515094.1
G3HX83	1	1	2.231468	0.009479	1.845192	37C	31C	Ras-relate	1735296	1740397	1674709	542164.8	2083131	1943680	2478346	2502922	3349918	3398657	2886499	3317779	2845388	2826210	3332248	8447.003	3569092	2094230	2663581	2502922	5436433	5074269	4604454	4471158
G3HC39	1	1	3.207492	0.047977	1.846246	37C	31C	Farnesyl py	16763230	14937534	13234604	2143379	10965749	14391885	21332542	30510976	15426668	16975029	22335878	27154253	27486887	24256883	26333521	33394.15	18787953	15506623	22926966	30510976	25035258	25344093	35629504	36594048
G3HU11	4	4	11.48303	2.42E-06	1.847925	37C	31C	Nitrilase-lil	184317.8	200348.3	199336.9	235376.3	229289.5	229701	363385.2	355091.2	441893.1	428883.7	336285.8	436792.2	302228.2	325343.2	396630.2	3667.195	392848.8	247492.8	390545.1	355091.2	717128.8	640332.8	536432.7	588636.9
G3I334	1	1	3.398993	0.012176	1.851707	37C	31C	Hydroxyac	1405410	2118910	1982734	2339330	1210202	1352592	3915184	4312946	1891639	1833755	3917533	3403687	2304469	3440872	3945141	36447.09	2073476	1457358	4207811	4312946	3069857	2737837	6249128	4586931
G3HW66	1	1	2.301623	1.38E-05	1.854071	37C	31C	Multiple in	309570.8	281147.7	307138	313026.3	324892	236190	635249.9	663548.7	543821.6	460977.9	506918.6	474832.4	507607.3	456552.4	611127	4876.993	556647.4	254484.4	682729.4	663548.7	882544.1	688250.1	808621	639901.2
G3I6V9	2	2	5.278505	0.00119	1.855052	37C	31C	Protein Cu	467700.3	542084.1	543122.3	328624.5	268764.4	250420.7	753891.7	708250.9	714974	690432.9	692948.2	892954.8	766894.2	880283.9	1080676	5120.015	460482.2	269817.3	810238.6	708250.9	1160300	1030832	1105370	1203378
G3HTE5	9	9	33.22752	0.000291	1.855366	37C	31C	Lysosomal	3021973	3040056	2900069	4256417	2101553	2565770	5189172	6157078	4626994	4777736	5304419	7129373	4955168	4936711	5770406	66315.56	3600655	2764504	5577018	6157078	7508945	7133265	8461446	9607800
G3H042	1	1	3.104663	0.023335	1.860476	37C	31C	Condensin	131636.9	155125.7	120504.1	55845.99	93751.48	97792.61	141852.4	129741.5	168888	161783.6	395571.3	220136.4	215846.7	251906.7	239772.8	870.0882	160627.3	105367.2	152454.6	129741.5	274080.9	241546.5	631003.2	296663.7

G3HLK3	1	1	5.243207	0.010504	1.861382	37C	31C	Granulins |	5710021	5801919	6167888	2032341	4614939	3942504	6573520	6007139	9040133	7957127	13176156	9866472	9362795	9421667	12272540	31664.15	7906916	4247875	7064834	6007139	14670832	11880167	21018198	13296413
G3HLS5	1	1	2.10602	0.004186	1.864285	37C	31C	Mitochond	34619.24	61228.5	59673.26	131031.2	63456.73	60684.17	101835.6	123110	156553.4	133638.2	105095.8	145415.9	56765.62	99428.23	118734.7	2041.484	108722.4	65384.52	109447	123110	254063.6	199524.8	167645.6	195967.7
G3I6T1	4	4	9.038722	0.001536	1.869118	37C	31C	Phospholip	1342537	1286917	1242759	528816.1	1376707	1329351	2010882	2152796	2239291	2070867	2401405	2408745	2201375	2089810	2472776	8239.028	2358754	1432317	2161178	2152796	3634046	3091850	3830648	3246111
G3HJK8	1	1	4.421184	0.032539	1.876133	37C	31C	MICOS cor	720272.8	1119324	458246.7	199340.4	667244.5	639330.9	771623.2	734209.6	1099249	1154981	1809124	1567172	1181041	1817656	911795.3	3105.75	1143210	688851	829295.4	734209.6	1783923	1724412	2885859	2111977
G3IBF4	4	4	14.36402	0.013173	1.877216	37C	31C	Serine prot	1368520	1535703	1347923	7700879	1220653	1161784	3968430	4094136	3717373	4176825	5743497	5210502	2243979	2493809	2682027	119980.8	2091382	1251771	4265036	4094136	6032760	6236092	9161849	7021860
G3HH34	9	9	25.71984	0.001631	1.878443	37C	31C	Collagen al	1392456	1493953	1460579	1637838	916012.8	886958.1	3195556	3155795	1795366	1886784	2236643	2358787	2283229	2426012	2906184	25517.74	1569433	955658.4	3434397	3155795	2913620	2817010	3567824	3178786
G3HLW8	2	2	5.085225	0.000204	1.879578	37C	31C	Signal tran	315407.3	292298.6	370023.9	388601.5	309459.2	233326.4	801997.7	686097.4	530104.1	457688.6	550868.9	561577.4	517177.5	474660.3	736254.1	6054.464	530206	251398.9	861940.2	686097.4	860282.5	683339.2	878729	756801.8
G3H6B2	1	1	2.631706	0.034553	1.880503	37C	31C	Dynamin |	365044.9	343946.5	242478.1	42348.16	187908.2	120915.9	285829	432385.2	416104.9	407495.4	518391.4	389416.4	598568.8	558530.6	482470.2	659.7902	321948.8	130281.6	307192.3	432385.2	675278.2	608399.6	826922	524791.5
G3HAR2	4	4	12.4931	0.000679	1.894222	37C	31C	CPNE1 |RE	1504397	1723090	1527321	3752214	1718481	1749290	3676464	3523849	3823492	3827785	3544887	4286433	2466779	2798106	3038983	58460.02	2944327	1884783	3951248	3523849	6204976	5714968	5654695	5776552
G3I7M2	4	4	9.394224	7.81E-05	1.900099	37C	31C	Elongation	1466834	1497301	1408208	903578.1	1013569	1058876	2101468	2062627	2261470	2164261	2791198	2581597	2405188	2431449	2801978	14077.87	1736578	1140892	2258535	2062627	3670039	3231289	4452433	3479053
G3GX92	2	2	6.359258	0.015585	1.918938	37C	31C	CAMK1 |C	928091.5	1127730	825992.6	219936.1	872591.8	926856.2	1185216	1342741	1514797	1744609	1574785	2042946	1521804	1831308	1643517	3426.634	1495038	998646.8	1273801	1342741	2458296	2604740	2512049	2753148
G3HLJ2	1	1	3.293224	0.032819	1.919882	37C	31C	Glucose-6-	311597.8	464012.7	333635.4	1128922	92811.48	106859.1	958090.4	983745.1	667536.2	630794.3	541041.7	899154.7	510931	753504.7	663850.2	17588.76	159016.7	115136	1029699	983745.1	1083315	941789.8	863053	1211733
G3H6X6	14	14	36.95056	2.93E-05	1.92525	37C	31C	Utrophin |	833129	892511.4	789569.9	532702.5	795405.7	654288.2	1276737	1206757	1555332	1595568	1426510	1598113	1366092	1449339	1571045	8299.579	1362793	704966.7	1372162	1206757	2524079	2382218	2275525	2153675
G3HTJ3	1	1	1.936232	0.042995	1.932643	37C	31C	Endonucle	548771.2	493865.2	453126.7	65697.99	578951.5	558609.9	1163613	1036320	837391.1	800107	699698.4	679117.9	899827.2	801981.8	901607.9	1023.584	991935.3	601877.6	1250583	1036320	1358965	1194577	1116137	915203.7
G3H8R9	1	1	2.974839	0.011271	1.937708	37C	31C	NUP58 |NU	340262.1	711159	396099.6	132957.6	276652.9	334588.2	478603	673784	696469.8	888828	598261.6	910965.7	557932.2	1154843	788138.2	2071.498	473997.9	360504.1	514374.5	673784	1130270	1327040	954328.5	1227650
G3HP69	5	5	12.6153	0.002505	1.937929	37C	31C	Calnexin |	3178543	3675214	3476849	1162459	2900472	3056818	5510601	6228663	5300448	5329281	4980260	6468298	5211898	5968137	6918051	18111.27	4969467	3293587	5922472	6228663	8601862	7956734	7944358	8716911
G3I656	1	1	3.051836	0.003088	1.94174	37C	31C	Arf-GAP do	315161	327198.1	342884.2	115436.6	200992	220061.6	458928.9	480009.5	444024	439945.3	444761.1	687141.8	516773.5	531333.2	682253.1	1798.518	344365.7	237106.7	493229.9	480009.5	720586.9	656848	709469.2	926016.9
G3HRL6	1	1	2.057432	0.019863	1.947711	37C	31C	Tetraspani	11732210	12192557	11906641	2230339	13637650	13651613	19255002	19404708	23055157	22423023	20605908	22541056	19237458	19799349	23691212	34748.99	23365804	14709013	20694148	19404708	37415194	33478068	32869910	30377137
G3H1V2	2	2	4.572573	0.002526	1.949986	37C	31C	Protein lun	397546.9	412893.8	318149.5	135514.9	211938.5	223136.3	487290	464035	575998.3	526124.6	633971.9	625957.1	651862.9	670493.3	633037.1	2111.34	363120.7	240419.5	523710.7	464035	934762.1	785515.6	1011292	843562.4
G3HGW6	12	12	35.76571	0.012572	1.950514	37C	31C	Laminin su	1273074	1523057	1314802	267576	901216.2	977013.4	1910289	1889933	2062497	1952863	2063445	2324828	2087476	2473274	2616123	4168.871	1544081	1052689	2053067	1889933	3347135	2915668	3291544	3133022
G3HAP5	1	1	2.70383	0.024668	1.955362	37C	31C	Gamma-gl	2409.506	8387.223	7674.791	90105.93	3700.402	2237.715	70612.03	37609.38	15919.79	33055.41	25374.21	41348.62	3950.899	13619.91	15270.9	1403.863	6340.012	2411.04	75889.67	37609.38	25835.53	49352.45	40476.16	55722.88
G3I0C8	6	6	18.08345	0.008833	1.959149	37C	31C	Acetyl-CoA	8213687	9193174	7730884	2121030	5763495	4984209	10055523	9882667	12557205	12392857	12925424	16646691	13468089	14928685	15382508	33045.94	9874773	5370266	10807087	9882667	20378533	18502809	20618239	22433679
G3HCX8	6	6	23.68595	0.006833	1.960183	37C	31C	Calreticuli	74154243	82538132	74677287	20867606	53789083	59386266	93657152	99523465	1.19E+08	1.28E+08	1.24E+08	1.53E+08	1.22E+08	1.34E+08	1.49E+08	325120.2	92158482	63986092	1.01E+08	99523465	1.93E+08	1.91E+08	1.97E+08	2.06E+08
G3HXR8	1	1	2.713597	0.011387	1.961937	37C	31C	Phosphatic	840215.7	775857.2	1143253	987448.9	840647.2	719742.9	2850579	2713050	1180157	1150681	1448655	1069199	1377713	1259905	2274785	15384.59	1440307	775491.3	3063635	2713050	1915225	1717993	2310850	1440892
G3H2P5	1	1	2.599996	0.024742	1.964566	37C	31C	CCR4-NOT	104952.9	89537.25	109360	15110.88	59393.3	82603.74	132232.8	124769.5	162748.4	157089.2	197592.3	131150.2	172092.7	145398.5	217598.9	235.4295	101760.4	89001.9	142116.1	124769.5	264117.2	234537.7	315193.1	176742.8
G3IDU7	3	3	7.367	6.79E-05	1.96505	37C	31C	Beta-glucu	506991.3	493647.7	602605.3	770931.5	467031.8	385779.2	1101449	1179693	987416.6	879747.6	1033396	1159487	831320.2	801628.6	1199033	12011.22	800179.9	415660.2	1183773	1179693	1602435	1313483	1648442	1562566
G3IHC0	5	5	16.84979	0.00352	1.965526	37C	31C	Isocitrate c	577618.6	627061.6	500888.1	1327048	413584.5	364386.4	1015639	967634.2	1404990	1208899	1445147	1447497	947128.8	1018278	996640.9	20675.59	708606.9	392610.4	1091549	967634.2	2280096	1804913	2305254	1950699
G3H6H1	1	1	2.198214	0.00045	1.967483	37C	31C	Arylacetam	762907.4	959093.5	627135.8	438494.1	951676.3	698142.2	1606090	1099698	1645182	1272323	1606229	1501084	1250949	1557461	1247842	6831.799	1630536	752217.6	1726131	1099698	2669893	1899607	2562207	2022914
G3I5G5	1	1	2.197679	0.040754	1.968761	37C	31C	Elongation	414685.4	288732.3	205847.6	677044.4	121192.8	66624.94	886546.6	706417.7	515803.1	315641.9	667568.6	400855	679965.1	468868.9	409584.7	10548.44	207643.4	71785.45	952808.3	706417.7	837074.1	471260.4	1064885	540206.6
G3I8R9	12	12	45.08629	0.016582	1.971594	37C	31C	endoplasm	99045259	1.07E+08	92574449	17103874	73252545	82286544	1.4E+08	1.45E+08	1.53E+08	1.59E+08	1.57E+08	1.77E+08	1.62E+08	1.74E+08	1.84E+08	266480.7	1.26E+08	88660134	1.5E+08	1.45E+08	2.48E+08	2.37E+08	2.5E+08	2.38E+08
G3HD84	5	5	14.28167	8.32E-06	1.993335	37C	31C	3-hydroxyis	1231459	1249850	1189410	811662.5	1038169	988958	1975333	1890300	2257093	2091093	2113599	2648213	2019239	2029617	2366626	12645.81	1778727	1065559	2122973	1890300	3662936	3122048	3371548	3568828
G3HCJ1	2	2	5.313068	0.000624	1.993653	37C	31C	Lon protea	470710.6	452852.4	418917.4	189968.1	380763	331087.8	744726.7	665038.9	786039.4	615488.3	900805.8	762254	771830.3	735381.6	833539.9	2959.729	652373	356732.5	800388.6	665038.9	1275629	918937.6	1436938	1027241
G3H3H9	3	3	8.235312	0.007583	1.996556	37C	31C	Aminopept	570649.2	572484.5	647947.4	155132.6	607214.5	638006.1	1185732	1281359	948015.9	931530.4	990812.8	1034428	935700.9	929650.8	1289252	2416.987	1040359	687423.5	1274355	1281359	1538493	1390796	1580514	1394033
G3HIQ5	1	1	2.289682	0.000473	1.997049	37C	31C	Zinc finger	200740.4	212493.8	142790.6	170147.9	108787.7	100438.9	335466.1	322278.5	297563.7	291115.9	379563.2	242050.8	329156.7	345066.2	284117.2	2650.927	186389.3	108218.5	360539.3	322278.5	482902.9	434642.5	605467.6	326196.3
G3HWN7	1	1	2.29238	0.023107	2.000328	37C	31C	Phosphoin	106634.9	29825.44	51639.9	66690.03	199693.3	113276.3	205408.1	96562.94	243622.9	168905.9	248659	172547	174850.7	48433.18	102750.4	1039.04	342140.6	122050.3	220760.6	96562.94	395364.8	252180.3	396653.1	232530.5
G3I220	5	5	13.8335	0.006241	2.002915	37C	31C	Cytoskelet	5386756	5421979	5289985	1275964	3312673	3302521	7422927	6989987	8422774	7960112	8635627	8618265	8832734	8804687	10525735	19879.7	5675704	3558321	7977727	6989987	13668948	11884622	13775286	11614284
G3I4P0	2	2	5.324933	0.003381	2.009917	37C	31C	Craniofaci	152407.2	184918.3	151092	47842.48	113326.3	112769.1	302858.3	235813.7	288062.3	243338.5	219265.3	242933.3	249904.1	300286.6	300635	745.3924	194165.5	121503.8	325494.4	235813.7	467483.6	363309.7	349765.3	327385.6
G3HES3	2	2	5.496224	0.020295	2.011185	37C	31C	Exportin-2	1753040	1792351	1949390	348883.9	1667108	1532172	4246092	3845324	2480663	2238808	2881668	2494484	2874483	2910577	3878795	5435.659	2856308	1650848	4563451	3845324	4025759	3342590	4596748	3361656
G3H533	2	2	6.888632	0.001833	2.023942	37C	31C	Peptidyl-pr	17496679	17658389	17430100	5797231	16801507	17419248	31311466	30952119	30972269	30150297	30925265	33111961	28689533	28675247	34681501	90321.66	28786537	18768474	33651729	30952119	50263525	45015059	49331030	44622869
G3GZ90	5	5	16.13251	0.006102	2.0302	37C	31C	Calumenin	12578438	13905413	12145402	3413240	10762374	11960165	17588223	18728511	20865261	21843792	24517917	27942250	20625029	22580834	24166286	53178.75	18439505	12886553	18902792	18728511	33861309	32613263	39110226	37655980
G3IAU0	1	1	2.501829	0.034376	2.031723	37C	31C	Uncharact	37426.28	31357.44	26554.42	3034.087	17169.05	14080.41	55360.96	45308.62	38422.06	31525.97	52422.33	40315.48	61368.36	50920.98	52836.59	47.27149	29416.26	15171.02	59498.72	45308.62	62353.47	47068.97	83622.48	54330.6
G3I0X4	3	3	6.331119	0.018489	2.03331	37C	31C	Epoxide hy	1371992	2112577	1358792	266983.8	1224718	1183622	2507185	2897631	2827494	2765808	1682996	2606701	2249673	3430588	2703654	4159.644	2098347	1275300	2694576	2897631	4588615	4129412	2684663	3512884
G3HYG7	4	4	11.88485	0.000943	2.034878	37C	31C	DnaJ-like s	2627871	2734950	2425812	967069.3	1801614	2008463	3795173	3676501	4344481	4268377	4579747	4905548	4308955	4441252	4826754	15067.07	3086761	2164030	4078830	3676501	7050466	6372782	7305471	6610893
G3HRM8	1	1	2.299387	0.005796	2.035624	37C	31C	Nascent pc	124248.7	202313.6	69390.52	56096.99	110093.6	173737.1	356549.5	181946.9	260479.2	210444.9	260891.6	227664.1	203732.3	328534.6	138069.6	873.9988	188626.7	187194.1	383198.5	181946.9	422720.2	314198.9	416166.3	306808.4
G3HBN4	2	2	5.99629	0.016494	2.040034	37C	31C	C-jun-amir	300213	255951.5	222031.7	47279.71	221186.1	224960.8	311131.1	364268	520730.8	442912.8	521409.4	433700.9	492263.2	415636.5	441787	736.6244	378964.9	242385.4	334385.5	364268	845071	661278.6	831736.3	584470.9
G3I3X8	1	1	3.2063	0.001157	2.042327	37C	31C	V-type prot	172167.3	216916.1	103839.2	182294.8	84384.31	144224.5	227438.3	257552.5	382237.4	324353.3	304397	349930.3	282305	352247.5	206613.7	2840.178	144578.2	155395.5	244437.3	257552.5	620316.2	484266.7	485564.7	471578.7
G3HRE2	1	1	4.117849	0.020113	2.043401	37C	31C	Apoptotic c	166941.1	182318.7	113395.6	22898.5	126466.9	124985.7	215951.5	203037.1	291088.7	266739.8	250715.2	278467.1	273735.6	296065.1	225628.6	356.7618	216679.6	134666.6	232092	203037.1	472395	398248.3	399933.2	375272.2
G3I369	3	3	15.70535	0.000445	2.04771	37C	31C	Golgi appa	1094422	1025559	1030150	2493907	986937.4	987079.2	2441294	2413191	2816772	2449745	2620659	2857905	1794538	1665392	2049739	38855.41	1690950	1063534	2623760	2413191	4571214	3657523	4180395	3851415
G3IF52	6	6	16.40272	2.61E-05	2.049039	37C	31C	Nucleobinc	2809549	3685390	2913310	1866916	2603883	3001646	5492999	5633957	5286484	5927090	5307353	6941318	4606854	5984660	5796752	29086.81	4461312	3234141	5903553	5633957	8579201	8849276	8466126	9354369
G3HFN7	2	2	4.278976	0.000516	2.056299	37C	31C	Pyridoxal-c	514163.1	565253.9	521373.8	211615.1	491174.3	458074.3	1023470	988029.3	982491.8	963222.1	843286.6	878288.5	843080	917909.1	1037402	3296.992	841544	493554.9	1099965	988029.3	1594443	1438112	1345185	1183613
G3H9T1	2	2	16.0028	0.00899	2.057838	37C	31C	Dolichyl-di	7619803	7591630	7476161	1530946	4507833	4058815	10850866	10417027	10207714	9617050	13549876	12824079	12494290	12327957	14875674	23852.35	7723409	4373194	11661875	10417027	16565648	14358468	21614344	17282190
G3I6B2	1	1	2.37818	0.048322	2.058529	37C	31C	Methylmal	365908.5	332238.6	331997.1	10623.3	65262.29	28216.38	375909.2	333807.1	359950.9	350847.4	431819.8	482544.8	599985	539518.3	660590.5	165.5126	111815.9	30401.91	404005.1	333807.1	584148.4	523822.9	688825.6	650294.7
G3H697	6	6	25.26123	1.30E-05	2.059732	37C	31C	Glucosidas	5382334	5940194	5169885	4647492	4035666	4264386	8092130	8236717	10400446	10709253	10825773	12374111	8825483	9646211	10286767	72408.56	6914429	4594688	8696947	8236717	16878423	15989151	17268940	16675797
G3I5N5	10	10	27.28608	0.005471	2.06328	37C	31C	DNA topois	979040.6	1087416	905869.9	4624089	1131770	1155600	3825594	4469674	2964048	2908907	3094426	3130372	1605346	1765842	1802452	72043.94	1939097	1245108	4111525	4469674	4810222	4343062	4936132	4218603
G3I1Y9	3	3	10.3445	0.004848	2.072885	37C	31C	Sulfated gl	1649607	2180677	1679300	3675648	1002276	739342.5	3179931	3665371	4041075	3921154	3322289	4520278	2704882	3541175	3341384	57267.1	1717230	796609.1	3417604	3665371	6558083	5854369	5299613	6091689
G3HMC7	1	1	2.434563	0.001219	2.074169	37C	31C	Protein TBF	83948.03	87322.94	63549.63	73759.93	97697.27	48861.57	120497.1	95052.57	178965.6	146293.8	202868.9	200358	137650.7	141802.7	126447.7	1149.19	167387.7	52646.19	129503.2	95052.57	290435.3	218419.9	323610.2	270009.6
G3GR85	5	5	13.95174	5.44E-06	2.076531	37C	31C	PITRM1 |PI	1253331	1251245	1136073	990930.9	1133515	1142135	1942256	1831250	2489312	2480482	2727563	2872218	2055104	2031881	2260498	15438.84	1942085	1230600	2087423	1831250	4039794	3703414	4350924	3870704
G3HCX3	1	1	2.228533	0.024022	2.083756	37C	31C	Deoxyribor	2496197	2322715	2365711	345838.7	3174307	2936590	4430673	4185544	5569540	5272080	4655586	4311836	4093046	3771830	4707167	5388.214	5438638	3164047	4761828	4185544	9038561	7871332	7426447	5810786
G3H450	2	2	5.835925	0.012283	2.086666	37C	31C	Isocitrate c	1627994	2021618	1748272	344959	1159117	1095792	2827529	3257324	2021285	2081294	3208433	3292774	2669442	3282881	3478620	5374.509	1985950	1180668	3038863	3257324	3280254	3107418	5117993	4437460
G3HNJ3	4	4	11.44515	0.000645	2.089137	37C	31C	Clusterin |	1252301	1463239	1105735	2645649	1167921	1014078	2393411	2395844	3353552	3142480	3063178	3720320	2053414	2376136	2200134	41219.57	2001034	1092624	2572298	2395844	5442331	4691792	4886287	5013636
G3H9D1	4	4	10.17093	0.006706	2.09986	37C	31C	Acetyl-CoA	402418.3	477961.8	411890.6	91504.89	231202.6	180170.2	648337.5	581610.1	636735	636804.1	597953.9	668120.2	659850.6	776156.5	819558.3	1425.659	396126.4	194125.5	696795.2	581610.1	1033329	950762.5	953837.6	900382.7
G3II19	1	1	2.817991	0.020856	2.105878	37C	31C	Ragulator c	998648.4	776258.7	523049.6	93401.69	643810	387118.2	1240104	973524	1224923	1180546	1189230	1398592	1637497	1260557	1040737	1455.211	1103059	417102.8	1332791	973524	1987873	1762581	1897023	1884793
G3I6J6	1	1	2.105673	0.012295	2.107744	37C	31C	Peptidylpro	350277.9	458562.7	475371.6	73961.42	350770.7	418553.2	656600.2	734540.1	832037.3	809709.3	706396	744937.4	574355.3	744654.5	945869.6	1152.329	600986.1	450972.7	705675.5	734540.1	1350276	1208914	1126821	1003904
G3HK78	1	1	3.770712	0.018006	2.108506	37C	31C	Transformi	0	4148.81	1168.583	101265.2	0	0	44572.86	25378.04	32801.98	41137.19	56772.48	24067.54	0	6737.203	2325.184	1577.726	0	0	47904.3	25378.04	53232.88	61418.73	90561.7	32434.28
G3HTD0	1	1	3.415204	0.046413	2.110127	37C	31C	Ribonuclea	82644.36	69427.31	72610.41	4386.584	30131.97	68879.08	101365.7	89365.48	134461.6	126628.1	121794.4	118674.8	135513	112742.2	144476.4	68.34358	51626.02	74214.18	108941.9	89365.48	218211.8	189058.5	194282.6	159930.4
G3GYY6	1	1	2.122772	0.047551	2.114551	37C	31C	Catalase |	587100.7	616651.3	527091.7	28196.42	319290.5	327043.1	845707.2	863766.8	837838.7	809329.4	830850	898793.2	962676.7	1001373	1048779	439.3041	547050.2	352374.5	908916.6	863766.8	1359691	1208347	1325346	1211246
G3H1S2	16	16	47.0037	0.000215	2.118543	37C	31C	UDP-gluco	5717426	6347317	5422250	2553483	4406062	4495457	9512687	9439847	9581920	9530230	11327399	11922785	9374939	10307332	10788910	39783.62	7549041	4843657	10223679	9439847	15550075	14228844	18069119	16067573
G3I958	1	1	2.495737	0.001868	2.165388	37C	31C	Protein DD	670194.2	756050.8	644901.9	192954	516447.1	511398.4	1118457	1107364	1203057	1261383	1164879	1273201	1098926	1227742	1283192	3006.25	884844.6	551009.3	1202052	1107364	1952389	1883273	1858179	1715811
G3I027	8	8	23.06566	0.012225	2.170076	37C	31C	Heat shock	3532710	3590617	3142904	539622.6	2491190	3004931	5031335	5119285	5992652	6239491	6063509	6930249	5792631	5830760	6253587	8407.395	4268233	3237681	5407384	5119285	9725210	9315698	9672323	9339453
G3IEE6	1	1	3.680009	0.038544	2.174275	37C	31C	Spermidin	312168.4	499769.6	198219.1	20886.38	264730.6	140594.6	355848	433344.3	617742	579288.5	551225	585613.2	511866.5	811569.9	394406	325.4128	453571.1	151484.5	382444.6	433344.3	1002506	864890.6	879297.2	789193.4
G3HFA8	1	1	2.845844	0.041035	2.174666	37C	31C	AP-3 comp	42994.66	27599.77	30212.64	117205.2	6486.865	12147.86	126566.5	57445.96	32909.39	90254.89	128534.6	78916.93	70498.91	44818.94	60115.53	1826.073	11114.14	13088.79	136026.3	57445.96	53407.19	134752.5	205034.4	106351.3
G3HMN4	1	1	1.924845	0.01632	2.17611	37C	31C	Omega-am	114434.1	117235.8	134349.2	23410.47	114454.2	96399.91	301553.6	198703.5	249857.4	153479.9	269146.2	133542.6	187639.1	190377.7	267321.1	364.7384	196097.8	103866.7	324092.1	198703.5	405482.5	229148.8	429333.7	179966.9
Q9HB90	2	2	4.320673	0.000359	2.198523	37C	31C	Ras-relate	187738.4	163333.5	257248.7	114668.5	183665	180421.4	552423.6	510558.2	337252.9	327081.7	368255.1	294389.2	307837.1	265235.3	511860	1786.55	314678.9	194396.2	593712.5	510558.2	547312.9	488340.2	587429.1	396729.5
G3HWP9	3	3	12.89157	0.000177	2.206703	37C	31C	Heterogen	1054021	1010191	880205.8	1913310	836553	717415.8	1949085	2359271	2302716	2605853	2368042	2563740	1728292	1640437	1751387	29809.63	1433292	772984	2094763	2359271	3736976	3890596	3777428	3454988
G3HV73	9	9	24.48477	0.001626	2.213687	37C	31C	Poly [ADP-r	1735104	1832956	1497661	538413.6	1871395	2005153	3326568	3303008	3524177	3549836	3468743	3814935	2845073	2976515	2979968	8388.558	3206319	2160465	3575200	3303008	5719231	5299984	5533232	5141143
G3IDT6	12	12	41.33876	4.68E-05	2.217731	37C	31C	Protein dis	11034359	13680721	10482917	17887650	9231388	10404472	21223751	25629191	24984512	28501144	26030713	34907460	18093182	22215959	20858360	278692.1	15816420	11210362	22810044	25629191	40546259	42552837	41523391	47042548
G3I3B5	1	1	2.404956	0.008815	2.220293	37C	31C	Rho-relate	189477.4	264650.7	128242.9	91459.94	427180.6	273002.8	448595.3	285239.8	635796.8	388144.3	549195.7	743742.5	310688.6	429763	255170.9	1424.959	731901.6	294148.5	482123.9	285239.8	1031806	579508	876060.1	1002294
G3IAX4	1	1	3.761625	0.002871	2.22032	37C	31C	Glutathion	456990	440934.6	445949.5	281184.9	137816.1	178782.4	693152.4	507629.1	746644.4	713612.6	746238.4	903823.5	749332.5	716028.5	887326.9	4380.9	236124.6	192630.2	744959.6	507629.1	1211696	1065439	1190376	1218025

G3HMB4	14	14	48.82557	1.16E-05	2.22391	37C	31C	2-oxogluta	4164396	4749637	3722587	3592113	2844940	3491601	8161812	9883780	7320086	7598161	6770421	10448879	6828414	7712879	7407008	55965.61	4874323	3762047	8771838	9883780	11879443	11344222	10799967	14081284
G3H8A8	2	2	5.834433	0.008611	2.225729	37C	31C	Mesencepl	1797558	2082919	1299227	376051.3	2101871	1649479	2760414	2731240	3121864	3901698	3567805	4632069	2947479	3382427	2585134	5858.931	3601199	1777241	2966731	2731240	5066335	5825321	5691253	6242342
G3GXX4	5	5	15.7212	4.68E-06	2.228496	37C	31C	Dolichyl-di	3793003	4329445	3687685	5158029	2948712	3191173	7963536	8237660	8626917	7774181	8702425	10191482	6219437	7030534	7337563	80362.8	5052118	3438348	8558742	8237660	14000242	11607024	13881840	13734408
G3H0L9	3	3	11.59992	0.008762	2.230385	37C	31C	Cathepsin	4629325	4665711	7510466	14507700	4090337	4738571	19421257	24756516	8593997	9235217	14958770	12566597	7590764	7576592	14943932	226032	7008100	5105602	20872829	24756516	13946817	13788383	23861769	16935198
G3GUP2	1	1	2.543127	0.010151	2.236796	37C	31C	Prolyl 3-hy	21128.12	29251.41	15330.96	4959.3	6649.687	18403.24	48360.4	27851.06	29672.11	34236.91	46262.78	27728.9	34644.06	47501.01	30504.75	77.26657	11393.11	19828.69	51974.93	27851.06	48153.55	51116.46	73796.96	37368.46
G3HIT7	6	6	18.43484	0.006707	2.237261	37C	31C	Microtubul	1009610	1132340	841878.8	196484.4	957014.9	1005565	1770134	1762629	2128701	2095974	1942677	1805878	1655470	1838794	1675126	3061.254	1639683	1083453	1902436	1762629	3454575	3129335	3098899	2433666
G3HJA9	1	1	3.033429	0.011733	2.239537	37C	31C	Eukaryotic	89839.29	146704.4	131709.9	23925.06	128748.6	81264.09	259128.3	176381.4	214133.6	172885.9	347031.2	179069.5	147310.7	238231.5	262069.5	372.7557	220588.9	87558.48	278496	176381.4	347508	258122.5	553573.5	241320.5
G3HUI7	2	2	6.890927	0.016564	2.241509	37C	31C	Protein ER(	1582673	1433720	2054793	191022.9	1128324	958281	2548075	2265808	2843748	2550140	3201557	3063104	2595130	2328200	4088520	2976.163	1933191	1032506	2738522	2265808	4614993	3807415	5107025	4127949
G3HR05	1	1	2.073022	0.037427	2.247207	37C	31C	Condensin	204048.2	215087.6	168836.6	16779.51	297340.9	222385.1	555261.1	517105.1	440581	333824.3	351864.7	328298.4	334580.5	349278.1	335942.1	261.4271	509443.2	239610.2	596762.1	517105.1	714999.5	498407	561283.7	442426.7
G3GU75	2	2	5.289942	0.008416	2.254556	37C	31C	Translation	732576.3	818244.7	866087.2	418439.1	713345.2	674255.4	2504127	2825440	1026313	998583.3	1065904	1100503	1201215	1328738	1723295	6519.338	1222196	726480.5	2691289	2825440	1665559	1490907	1700298	1483077
G3ICL7	2	2	5.26547	5.59E-07	2.256256	37C	31C	Voltage-ga	1206977	1087796	1219596	908281.4	1057728	1140492	2207526	2116299	2483180	2309828	3038890	2782656	1979096	1766459	2426689	14151.15	1812237	1228830	2372520	2116299	4029843	3448625	4847544	3750008
G3H7U2	1	1	3.324281	0.038867	2.258061	37C	31C	Structural	397244.3	547568.7	374224	17631.82	179667.5	158211.5	547201.3	591437.8	644388.1	678818.2	576350.3	743034.7	651366.7	889190.3	744611.4	274.7063	307829.9	170465.9	588099.9	591437.8	1045749	1013490	919376.3	1001340
G3H0S7	1	1	2.114388	0.028779	2.258232	37C	31C	Beta-2-mic	2993567	2978863	2755079	271762.6	3335866	3524836	4976182	5011343	6597570	6329148	5864242	7037012	4908591	4837341	5481912	4234.099	5715442	3797856	5348109	5011343	10706905	9449558	9354459	9483330
G3IFZ0	1	1	2.774147	0.000485	2.261782	37C	31C	Antigen KI-	149608.4	145107.3	135551.9	59086.61	84891.48	62845.17	244722.3	239078.3	235258.4	255195.5	226009.6	240696.7	245314.9	235638.1	269714	920.5775	145447.2	67712.9	263013.1	239078.3	381790.5	381012.5	360523.6	324371.5
G3H1G8	2	2	4.479208	0.010579	2.26325	37C	31C	Erlin-2 |ER	85725.12	92707.36	91610.9	244164.9	41513.42	19827.13	216671.5	190742.6	229255.3	206629.2	240854	218458.4	140564.6	150546.4	182282.6	3804.123	71126.21	21362.87	232865.8	190742.6	372048.3	308502	384203	294402.4
G3I7X1	7	7	16.39204	5.33E-07	2.264224	37C	31C	Flotillin-2 |	1849064	1749106	1757527	2386830	2626072	2147033	4854465	4453143	5011505	4338022	4776829	4904224	3031935	2840352	3497035	37187.13	4499329	2313334	5217295	4453143	8132950	6476762	7619850	6609109
G3I2Y1	9	9	28.54448	0.00016	2.268382	37C	31C	Aspartate	3946536	3956145	3689873	6046408	2720588	2207294	7712851	7711404	8931279	7894102	9392205	9548387	6471186	6424337	7341915	94203.88	4661267	2378262	8289320	7711404	14494177	11786068	14982157	12867750
G3H125	1	1	2.333006	8.71E-05	2.271629	37C	31C	Neutral am	1914138	1945194	1607990	1823216	967457.3	1001439	3275949	3225602	3385035	3545435	3627478	3974502	3138636	3158777	3199495	28405.95	1657574	1079006	3520798	3225602	5493424	5293413	5786440	5356182
G3IAP8	2	2	4.278857	0.009878	2.282729	37C	31C	Dehydroge	261993.2	276246.2	250935.9	451003.8	89867.11	92143.61	668520.6	820911.5	362928.4	374736.6	525231.9	494145.1	429593.7	448593	499299.1	7026.702	153972.1	99280.69	718486.8	820911.5	588980.5	559490	837833.7	665927.8
G3HQM6	15	15	64.228	0.00277	2.283016	37C	31C	CRIGR End	39148691	44973780	42301084	9841899	23172174	25845349	66622133	73788278	62136144	65824846	73478859	81153764	64192619	73032385	84168483	153338.1	39701595	27847227	71601565	73788278	1.01E+08	98277947	1.17E+08	1.09E+08
G3IIV2	4	4	10.92446	7.63E-05	2.284112	37C	31C	ADP-ribosy	659773.2	646300.1	571314.5	281828.9	582243.5	606460.3	1215402	1157946	1316026	1291050	1265574	1401027	1081839	1049519	1136772	4390.933	997575.6	653434.3	1306243	1157946	2135721	1927567	2018804	1888074
G3ICH6	1	1	2.356692	0.021679	2.288522	37C	31C	Calcium-bi	281401.7	309001.3	433075.9	1003470	74352.38	110280.2	890108	1232617	468061.7	548611.1	962204.9	959650.8	461418	501783.5	861711.8	15634.21	127390.2	118822.1	956636	1232617	759596.7	819088.4	1534880	1293260
G3HQ51	3	3	11.67111	1.81E-06	2.289475	37C	31C	[Pyruvate d	322159.2	304222.9	308047.4	202163.7	332581.2	315385.6	705647.2	567511.1	733320	660971.5	719207.8	699048.3	528248.7	494023.9	612936.6	3149.738	569821.6	339814.2	758388.3	567511.1	1190073	986845	1147258	942062.7
G3HLX0	1	1	3.100245	0.000773	2.290661	37C	31C	Polymerase	300820.4	366690.6	290001.8	107705.2	190068.9	213155.4	553470.4	562494.1	509521.9	654239.5	449778.4	634199.9	493259.1	595464.5	577030.4	1678.062	325650.9	229665.6	594837.6	562494.1	826880.5	976793.9	717472.6	854670.6
G3I8B3	1	1	4.55486	0.003331	2.291971	37C	31C	TATA-bindi	868879.5	1202491	620637	1066618	940310.5	1636364	1255782	1689155	2126500	2950120	3812905	2685860	1424713	1952711	1234911	16618.05	1611063	1763110	1349641	1689155	3451003	4404595	6082228	3619561
G3HB04	9	9	43.18621	0.008304	2.297039	37C	31C	Protein dis	50023976	56185636	52771772	8846372	39723520	46160834	83292276	90946491	88033733	99207457	94000625	1.27E+08	82024966	91239184	1.05E+08	137827.7	68059523	49736270	89517659	90946491	1.43E+08	1.48E+08	1.5E+08	1.72E+08
G3IIZ6	2	2	6.099033	0.022825	2.301013	37C	31C	Structural	262242.1	428309.2	261763.3	27935.99	209605.5	283233	493611.1	547982.5	496363.3	567926.7	721231.8	562481.8	430001.9	695526.1	520842.8	435.2465	359123.5	305171.1	530504.3	547982.5	805526	847927	1150487	758020.7
G3H8V5	4	4	10.94263	0.001221	2.303404	37C	31C	Carboxype	1208252	1145814	982884	317953.7	1046154	875204.9	1966389	2134323	2189719	2026376	2239388	2288191	1981187	1860674	1955691	4953.762	1792408	942994.9	2113360	2134323	3553598	3025424	3572203	3083649
G3HQP7	5	5	13.35154	0.000121	2.305323	37C	31C	Flotillin-1 |	1289709	1388034	1333865	623274	1421590	1252762	2337812	2299288	3125815	2931196	2900541	3255499	2114752	2254012	2654056	9710.695	2435654	1349796	2512544	2299288	5072746	4376340	4626854	4387227
G3ILN5	4	4	36.26999	0.001947	2.30875	37C	31C	Reticuloca	13783335	15330488	12158811	3486322	8451556	8521111	21052316	21907744	24495752	24526964	22434258	28105882	22600714	24894997	24192965	54317.38	14480310	9181123	22625796	21907744	39753072	36619299	35786437	37876497
G3I7N8	1	1	2.420392	0.014413	2.311196	37C	31C	Cutaneous	0	11155.43	27353.62	0	0	0	3073.643	8729.588	26427.8	15593.56	24233.65	10943.7	0	18115.16	54426.8	0	0	0	3303.371	8729.588	42888.5	23281.53	38656.78	14748.12
G3GU37	1	1	1.99619	0.01763	2.315095	37C	31C	T-lymphom	2782143	3171415	2562244	316479.2	2673789	3026072	5442958	5460547	5841243	6182369	4890414	5825761	4561915	5150024	5098218	4930.79	4581085	3260460	5849772	5460547	9479495	9230414	7801039	7851004
G3HXX3	2	2	5.150264	7.52E-05	2.323014	37C	31C	Tensin-3 |T	139797.7	135869.3	118540.5	125011	63093.31	78734.8	257344.4	224435	271125.3	277124.7	247318.4	258272.7	229228.1	220636.6	235865.6	1947.689	108099.7	84833.28	276578.7	224435	439997.3	413753.2	394514.7	348057.5
G3HKR3	2	2	5.132508	0.000586	2.325517	37C	31C	Tyrosine-p	270488.4	319707.6	207540.8	93295.32	272991	271192.9	543841.5	542415.7	592580	529064.9	544173	585544.1	443523.4	519169.4	412953.9	1453.554	467723.8	292198.4	584489	542415.7	961671.9	789905.6	868047.9	789100.3
G3HXK8	5	5	17.54407	0.000244	2.330514	37C	31C	Prenylcyste	997402.6	1023574	864145.2	1081054	549208.6	531962	1530502	1543756	1856713	1930185	2508332	2393424	1635454	1662170	1719431	16842.97	940976	573165.6	1644893	1543756	3013177	2881808	4001214	3225464
G3I1H5	4	4	24.61338	0.000352	2.336116	37C	31C	LGMN |LG	6120945	6071808	6061336	13702234	5336723	4988881	14973711	14577193	13491184	14380868	19545671	21806840	10036594	9859937	12060529	213482.7	9143570	5375300	16092867	14577193	21894246	21470953	31178652	29387681
G3GSG4	1	1	2.14278	0.001166	2.339739	37C	31C	Renin rece	337375	400828.4	284842.5	962928.7	413810.4	583207.4	816353.7	980043.1	1340291	1217457	1034132	1591146	553198.2	650900.4	566764.7	15002.56	708994	628380.4	877369.1	980043.1	2175099	1817691	1649616	2144285
G3H8W6	4	4	13.60532	7.92E-06	2.340024	37C	31C	Autoimmu	1375244	1294236	1231948	905174.1	983546.8	874655.9	2275969	2117013	2540615	2517812	2901029	3243368	2255006	2101694	2451266	14102.74	1685141	942403.3	2446078	2117013	4123051	3759149	4627633	4370879
G3H346	2	2	6.70554	0.001448	2.340747	37C	31C	ADP-ribosy	1282542	1075748	1216816	410150	849219.3	509410	1906856	1439545	2335105	2065414	2164070	2597695	2103002	1746894	2421156	6390.194	1454994	548866.9	2049378	1439545	3789539	3083708	3452057	3500747
G3HPU1	3	3	9.279261	0.001858	2.350337	37C	31C	Aspartyl/as	1119875	1255748	1170693	1400593	586323.6	492335.6	2826176	3232194	1680811	1640180	2681091	2101665	1836274	2039195	2329383	21821.44	1004566	530470	3037408	3232194	2727713	2448825	4276794	2832279
G3H973	2	2	4.546235	0.009411	2.36057	37C	31C	Anoctamin	212684.9	200865.4	189025.2	29764.86	179060.2	158726.2	381830.2	296323.1	446663.7	390659	428783.7	345792.2	348742.1	326182.9	376112.4	463.7406	306789.3	171020.5	410368.7	296323.1	724870.7	583262.6	683982.5	466002
G3I067	2	2	5.133522	1.28E-05	2.369644	37C	31C	Echinoderr	108032.6	64901.65	78297.89	82490.25	107816.9	58745.82	194005.9	184662.6	212632.1	168065	199656.7	226475.6	177142.5	105393	155793	1285.21	184726	63296.04	208506.1	184662.6	345071.3	250924.8	318486.2	305206.6
G3HBI1	20	20	80.8957	9.24E-05	2.375335	37C	31C	Peroxidasi	2868492	3046848	2589134	1340094	1859499	2025374	4457761	4577301	5433069	5348230	6649558	6146107	4703504	4947741	5151723	20878.84	3185937	2182251	4790940	4577301	8817088	7985026	10607170	8282715
G3I064	17	17	64.98391	9.57E-05	2.376654	37C	31C	Neutral alp	6077999	6172436	6599732	9491563	4354484	3435643	14636978	13697934	13871671	13103350	14661396	15901605	9966175	10023344	13131800	147879.9	7460671	3701754	15730967	13697934	22511721	19563590	23387407	21429575
G3H2K3	1	1	2.401708	0.001128	2.379348	37C	31C	Oxysterol-l	327261.4	333435.3	331335.8	107581.4	423011.6	365681.4	880112.6	840070.7	731273.3	668305.6	723747.9	649430.2	536614.9	541461.7	659274.6	1676.133	724758.8	394005.6	945893.5	840070.7	1186751	997795	1154500	875195.5
G3I6V2	1	1	2.206864	0.01439	2.381326	37C	31C	Inositol 1,4	53793.97	67870.36	124044.6	59721.9	59975.85	34356.46	344065.4	177971.4	94351.6	77311.54	143358.1	114908.5	88206.67	110213.9	246817.5	930.4755	102758.5	37017.58	369781.4	177971.4	153119	115427.8	228680.4	154854.9
G3I8P7	1	1	3.479891	0.003445	2.38369	37C	31C	N-acetylglu	1343046	1242014	1648863	541745.1	728157.2	661602.3	3308670	3542370	1520860	1537074	2341865	2445628	2202211	2016892	3280821	8440.463	1247574	712847.4	3555964	3542370	2468137	2294886	3735671	3295816
G3IK30	1	1	2.037751	0.040379	2.387688	37C	31C	Glycerol-3-	13273.99	0	21543.14	0	3728.298	0	22230.47	10598.96	17809.11	14021.31	5868.827	21505.79	21765.53	0	42865.42	0	6387.807	0	23892	10598.96	28901.61	20934.12	9361.772	28981.97
G3GXX3	1	1	7.117504	0.019565	2.394205	37C	31C	Dolichyl-di	3518556	6541398	6748178	426804.6	3368612	2870211	8965281	8264986	9861629	7974765	10586421	10547910	5769421	10622499	13427171	6649.675	5771546	3092526	9635358	8264986	16004001	11906501	16887132	14214742
G3IDD4	11	11	50.04193	7.78E-07	2.398972	37C	31C	SERPINH1	49696543	54437179	51056226	35495995	37391715	38765086	1.1E+08	1.15E+08	96251899	99697727	1.02E+08	1.16E+08	81488070	88399886	1.02E+08	553032.5	64064370	41767676	1.19E+08	1.15E+08	1.56E+08	1.49E+08	1.63E+08	1.57E+08
G3GX17	2	2	7.02489	0.001147	2.402706	37C	31C	Polypeptid	287353	418436.8	384416.8	1176227	283496.2	275999.3	1216190	1234531	982377.8	1082972	1069816	1203989	471176.4	679494.5	764892.5	18325.78	485722.8	297377.1	1307090	1234531	1594258	1616901	1706537	1622538
G3GXZ0	9	9	37.48539	7.88E-08	2.415569	37C	31C	Protein-glu	4084463	4344004	4079548	3126306	3709967	3738910	8514480	8482559	8992256	8701881	11012110	10055783	6697347	7054176	8117272	48708.28	6356401	4028511	9150864	8482559	14593134	12992100	17566178	13551535
G3HFY6	2	2	5.190507	0.006672	2.423138	37C	31C	Stromal ce	851076.4	789481.5	765636.6	115695.7	357270.1	372833.9	1363522	1210679	1390432	1151325	1491722	1272349	1395521	1282030	1523424	1802.555	612121.8	401712.2	1465434	1210679	2256471	1718954	2379549	1714663
G3H3P8	3	3	8.875114	0.0087	2.427798	37C	31C	Beta-hexos	86151.66	115009.9	109734.9	1380827	66507.82	106935.5	1004430	1016387	493352	421898	975053	617127.1	141264	186763.2	218344.7	21513.47	113949.9	115218.3	1079502	1016387	800639.2	629903	1555375	831662.7
G3I881	2	2	8.172544	0.008559	2.430837	37C	31C	Peptidylpr	1908005	1695340	2324676	9667313	1505922	1167035	10428402	12268297	5436400	5117967	6022081	5134096	3128581	2753043	4625519	150618.1	2580143	1257429	11207836	12268297	8822493	7641238	9606238	6918892
G3HUV4	1	1	2.09623	0.000957	2.447071	37C	31C	Protein MI(	146086.4	136688.6	131715.2	61064.01	236235.3	186881	301278.3	253799.1	434544.9	385112.9	403967.5	420407.9	239539.8	221966.9	262080	951.3856	404749.1	201356	323796.3	253799.1	705203.7	574982.1	644396.5	566556.8
G3IDE4	2	2	7.968622	0.007611	2.458133	37C	31C	Tripeptidyl	2765570	2743422	2354578	6075566	1478443	1480575	7686315	7521131	4279313	4042430	13037354	4971375	4534741	4455010	4685017	94658.16	2533061	1595255	8260801	7521131	6944708	6035437	20796786	6699604
G3I8Z3	1	1	3.421342	0.004101	2.459336	37C	31C	TBC1 doma	2519172	2261122	3071462	947689.8	1655967	1854330	5122029	5311250	3286804	3019801	9535082	3998832	4130719	3671809	6111435	14765.14	2837219	1997959	5504857	5311250	5334008	4508630	15210069	5388970
G3HSJ1	3	3	8.792777	6.28E-05	2.492607	37C	31C	Nicalin |N(	344722.6	316932.2	350940.8	146735.5	257493.3	235779.8	808893	780647.9	637501.5	647684.8	584690.9	659874.3	565246.1	514662.5	698283.7	2286.16	441171.1	254042.4	869350.9	780647.9	1034573	967007.7	932681	889270.3
G3HLY8	1	1	2.048546	3.75E-07	2.499223	37C	31C	Coiled-coil	591195.3	591368	447767.6	391896.2	590003	611068.7	1273626	1277706	1452513	1362885	1295866	1393144	969390.6	960315.5	890944.6	6105.797	1010870	658399.7	1368819	1277706	2357220	2034817	2067126	1877451
G3IHD1	1	1	1.915461	0.002161	2.501518	37C	31C	Ras-relate	112612.7	126319.1	114895.7	38595.54	209742.3	189903.3	284848.8	270653.9	324871.9	363377	357582.8	380039.2	184652.5	205128.1	228613.5	601.3239	359357.9	204612.4	306138.8	270653.9	527220.2	542529.9	570405.1	512154.5
G3HIM1	5	5	15.67807	0.004975	2.503318	37C	31C	Basement	606794.2	623138.9	536064.4	97754.12	352054.9	324358.8	899579.1	799101	1101872	1026291	1329635	1202363	994968.4	1011908	1066633	1523.023	603186.4	349482.4	966815	799101	1788179	1532275	2120993	1620348
G3HQN3	1	1	2.281512	0.013961	2.513352	37C	31C	H-2 class I	716284.7	641285.1	608925.6	72407.66	573905	718062.8	1384443	982910.6	1692057	1304391	1417611	1590238	1174501	1041375	1211608	1128.121	983289	773681.1	1487919	982910.6	2745965	1947484	2261329	2143061
G3HEX6	1	1	2.271518	0.012127	2.519997	37C	31C	Armadillo r	74412.49	97510.34	103091.2	12910.19	161551.1	129916.4	281974.1	266849.2	242801.8	219932.4	250464	198043.4	122015.1	158345.9	205125.4	201.1426	276790.4	139979.2	303049.2	266849.2	394032.4	328364	399532.5	266890.4
G3H2P3	3	3	13.09649	4.09E-05	2.524675	37C	31C	Beta-galac	495645.1	513137.9	518396.1	1115557	692809.8	676981.6	1621795	1322645	1817715	1608087	1739551	2020535	812715.8	833278.5	1031477	17380.53	1187012	729417.9	1743010	1322645	2949889	2400909	2774879	2722946
G3H6Z8	1	1	7.890973	0.000522	2.525153	37C	31C	Adipocyte	553308.8	454911.7	532351.4	268428.4	345565.7	253069.6	894442.5	779278.5	894588.6	689896.5	1410127	1411316	907267.6	738725.7	1059245	4182.152	592068.3	272671.4	961294.4	779278.5	1451788	1030031	2249391	1901940
G3HMV6	3	3	9.354369	0.001538	2.550696	37C	31C	Hydroxyme	728311.3	899212.5	900374.3	1638396	465308.6	452803.4	2636432	3234346	1472928	1574626	1964524	2085919	1194222	1460220	1791518	25526.44	797227.5	487875.7	2833483	3234346	2390350	2350952	3133748	2811060
G3IIE7	4	4	10.20641	6.29E-05	2.55392	37C	31C	Procollage	1140589	1048132	1028691	818830.7	554203	541378.7	1968356	1897174	2129887	1919577	2684594	2506681	1870239	1702049	2046836	12757.49	949532.9	583311.8	2115474	1897174	3456500	2865970	4282381	3378094
G3H302	1	1	2.048252	0.011894	2.555572	37C	31C	Selenium-b	26175.8	13279.51	14892.21	319469.2	21326.72	187582	271788.4	285821	292382.6	230584.4	218459.8	190160.5	42920.8	21564.44	29631.74	4977.374	36539.72	202111.4	292102.2	285821	474494.9	344267.6	348480.4	256267.1
G3I6W3	1	1	3.617357	0.02174	2.556885	37C	31C	Tapasin |T.	4049.554	10235.14	7262.411	875.1453	6265.825	6901.509	11990.24	26890.21	7723.967	17303.4	11129.61	15961.03	6640.107	16620.71	14450.37	13.63488	10735.43	7436.073	12886.41	26890.21	12534.88	25834.36	17753.61	21509.65
G3H284	5	5	14.53814	8.69E-07	2.572443	37C	31C	Endoplasm	4278427	4518683	4186714	2891120	4326030	4547133	8796922	9171196	11133579	11335061	10728716	12497614	7015393	7337836	8330504	45044.05	7411919	4899336	9454416	9171196	18068193	16923496	17114117	16842234
G3HW44	2	2	5.847023	4.44E-05	2.586228	37C	31C	Methionyl-	222953.6	325096.8	228274.9	170127.6	223308.3	181005.8	468548.7	381179.1	615463.4	639569.7	621199.5	767431.4	365579.9	527920.9	454209.4	2650.611	382600.9	195025.8	503568.7	381179.1	998808.3	954891.6	990918.2	1034218
G3GZH6	4	4	10.33336	1.06E-05	2.588224	37C	31C	DnaJ-like s	282881.2	294334.6	296436.3	156578.9	272519.2	211636.9	823065	718553.1	609473.5	560255.1	588353.4	619873	463843.9	477966.4	589833.5	2439.521	466915.6	228029.4	884582	718553.1	989087.5	836473.2	938523.2	835363.2
G3HX84	2	2	5.431626	1.89E-06	2.593252	37C	31C	Gelsolin |(	426041.8	416515.7	381747.5	732007.1	433206.2	493627.4	1192101	1111894	1360266	1253942	1278753	1279766	698586.3	676374.9	759581.2	11404.77	742225.5	531861.8	1281200	1111894	2207516	1872163	2039828	1724659
G3HNV4	1	1	3.371279	0.022534	2.599151	37C	31C	Triosephos	9881.929	7816.21	8413.065	9525.587	11731.65	10487.16	24594.78	5936.889	45704.67	25041.92	16537.5	32559.69	16203.53	12692.65	16739.88	148.41	20100.2	11299.45	26433.02	5936.889	74172.1	37388.13	26380.11	43878.62
G3GVT2	1	1	2.969715	0.000253	2.601925	37C	31C	Far upstre	119921.8	156600.2	122020.8	66350.19	103852	95665.2	204606.1	176898.7	323653	298184.8	338864.2	386539	196637.3	254301.3	242790.6	1033.745	177932.8	103075.1	219898.7	176898.7	525242.2	445196.4	540545.8	520913.8
G3HMV5	1	1	3.326415	0.000281	2.6099	37C	31C	Hydroxyme	240773.4	204745.5	287552.8	92401.14	220991.2	142308.4	478660.2	371659.6	565368.1	487015.1	625192	574682.2	394799.2	332483.7	572157.5	1439.623	378630.9	153331.1	514436	371659.6	917510.9	727124.3	997287	774462.4
G3HCK3	1	1	3.522316	0.031389	2.616408	37C	31C	ATP-depen	393085.8	538674.6	429251.1	27684.06	228556.9	178663.2	435278	378635.1	902526.6	848527.1	1006121	1127761	644547.8	874747.3	854101.4	431.3215	391593.5	192501.8	467811.3	378635.1	1464671	1266870	1604933	1519811

G3HEJ5	2	2	6.769968	0.00285	2.619653	37C	31C	ADP-deper	232737	286109.9	215639.4	664994.7	85711.34	99693.38	738274.3	657646.4	706847.6	655981.8	717834	675266.7	381622	464610.4	429068.1	10360.71	146851.9	107415.2	793454	657646.4	1147112	979395.2	1145067	910013.7
G3IC73	2	2	4.543489	0.001094	2.619994	37C	31C	Chloride cl	253036.5	292103.9	234649.8	66403.46	121879.6	113625.6	412123.6	444258.9	460585.6	469990.5	506988	540097.6	414907.2	474344.1	466893.9	1034.575	208820.1	122426.6	442926.3	444258.9	747464	701706.1	808731.6	727855
G3GWU4	2	2	7.776549	0.001004	2.648497	37C	31C	Vesicle-as:	924678.3	897009.7	843493.4	245275.1	646773.4	503832.2	1412043	1239889	2156086	1866989	2041794	2038910	1516207	1456643	1678339	3821.42	1108137	542857.1	1517581	1239889	3499017	2787456	3257007	2747708
G3HI59	3	3	7.410441	4.64E-06	2.660784	37C	31C	Short-chai	211419.2	217261.4	216633	251610.4	204213.7	140766.2	430319.5	433511.7	563858.7	594058.4	609585.4	673103.6	346666.8	352808.2	431044.9	3920.125	349885.5	151669.4	462482.2	433511.7	915061.4	886942.3	972391.9	907098.6
G3HV80	1	1	1.963382	0.043215	2.677299	37C	31C	Vesicle-as:	91229.2	44281	68472.91	32545.93	24532.46	10101.72	190046.4	232120.5	50160.74	44476.4	143687.9	65493.09	149589.7	71907.38	136243.8	507.0701	42032.22	10884.15	204250.7	232120.5	81403.64	66404.24	229206.5	88260.84
G3H8B8	1	1	3.009302	0.005152	2.693987	37C	31C	TMEM115 |	194817.5	271039.1	179488.1	37167.82	224800.3	262039	402813.4	380556.8	587864	582052.5	607281.7	589649.9	319444.8	440137.2	357136	579.0797	385157.2	282335.5	432920.3	380556.8	954018.5	869017.2	968717	794633.4
G3H2C4	1	1	2.323103	0.012809	2.710226	37C	31C	Heat shock	8207.425	5331.671	15692.57	15350.55	79538.58	25002.58	118407.9	42290.11	50431.1	33062.41	91003.91	68962.61	13457.82	8658.036	31224.26	239.1637	136275.9	26939.18	127257.8	42290.11	81842.4	49362.91	145166.6	92936.5
G3HDW6	1	1	3.136737	0.000381	2.726053	37C	31C	Succinate-	478894.9	541820.8	178136.8	281170	279545.7	440045.1	722997.5	700660.5	1204019	1049183	1167806	1151597	785250.3	879856.3	354447.3	4380.667	478954.3	474129.2	777035.4	700660.5	1953948	1566453	1862848	1551933
G3HR63	6	6	20.43848	0.000478	2.726398	37C	31C	Protein car	1387188	1218327	1483802	2241883	1096351	1109410	4678757	4820629	2492790	2381426	5934280	2967271	2274590	1978427	2952392	34928.85	1878411	1195341	5028454	4820629	4045439	3555522	9466181	3998802
G3IHK4	2	2	5.663768	0.013953	2.744095	37C	31C	Eukaryotic	181166.9	189429.6	189171.8	16714.18	229036.9	190150.1	381906.8	386487.3	433172.4	431941.5	468165.7	630538.1	297061.7	307612.4	376404.1	260.4093	392416	204878.4	410451	386487.3	702976.4	644898.3	746803.5	849735.8
G3HKX9	1	1	2.174011	0.025883	2.746523	37C	31C	Polypeptid	107668.9	113232.8	161331	332475.2	66202.26	80213.81	704706.2	723549.9	165259.9	181484.8	409158.2	180937.4	176546.1	183877.4	321008	5180.009	113426.4	86426.85	757376.9	723549.9	268192.9	270960.8	652676.5	243837.8
G3GTM5	2	2	5.482314	0.018977	2.746654	37C	31C	Nucleopori	383201.8	359037.8	360007.2	224485.2	33774.54	40375.47	900778.2	753572.6	481280.2	359325.1	580954.9	771826.5	628340.9	583037.2	716323.6	3497.51	57866.95	43502.79	968103.7	753572.6	781048.4	536480.3	926721.3	1040141
G3GZH5	1	1	3.040245	0.004724	2.756477	37C	31C	DnaJ-like s	325460.7	362599.1	246322.7	45314.37	288593.2	246556.3	539333.3	575145	813708.2	776163.6	680628.4	790660.5	533662.1	588820.4	490120	706.0041	494455.6	265653.5	579643.8	575145	1320531	1158829	1085718	1065523
G3HI57	5	5	11.2971	0.000597	2.759561	37C	31C	Malectin |	943081	1018667	947154.9	249302.1	673834.7	760410.6	1763101	1822319	2098558	2221823	2210560	2556784	1546382	1654201	1884599	3884.162	1154502	819309	1894878	1822319	3405657	3317230	3526218	3445614
G3H902	12	12	51.53268	6.00E-09	2.768051	37C	31C	Prostaglan	4174589	4715920	4021711	3379569	3993821	4215099	9940865	10364450	11757347	11770545	11473450	12512566	6845129	7658127	8002190	52654.14	6842737	4541584	10683859	10364450	19080479	17573684	18302094	16862384
G3HHF3	4	4	11.56999	0.010711	2.774461	37C	31C	Succinyl-C	259727.8	244875.5	219985.5	748013.1	43523.88	50223.55	907265.4	886716.5	593702.8	489885.1	869749.1	598457	425879.1	397650.4	437715.6	11654.15	74570.79	54113.67	975075.7	886716.5	963494	731409.3	1387397	806502.1
G3H1L7	1	1	2.855027	0.006042	2.795672	37C	31C	Vesicle trai	71762.14	165999	112691.6	22569	73595.84	47988.96	118922.6	157815.8	256174.1	294975.4	357820	197049.8	117669.3	269563.8	224227.9	351.6282	126094	51705.99	127811.1	157815.8	415733.6	440404.7	570783.4	265551.4
G3HEN9	1	1	2.051972	0.003206	2.818324	37C	31C	Septin-5 |S	74823.09	61619.92	101241.6	426198.1	154164.5	152886.9	679068.1	542514.3	481236	312753.9	447982.9	272851.5	122688.4	100063.9	201445.3	6640.225	264134.7	164728.9	729822.6	542514.3	780976.7	466948.4	714608.5	367704.6
G3HMV7	1	1	2.769389	0.000588	2.82788	37C	31C	Alpha-L-fu	189308.8	284479.9	190157.9	79545.96	132943.3	157147.7	323293.3	324923	697472.8	573372.6	454248.2	549540	310412.1	461963.5	378366.2	1239.337	227775.8	169319.8	347456.7	324923	1131898	856057.9	724602.8	740579.8
G3GRS9	1	1	1.922737	0.002769	2.831084	37C	31C	N-acetylga	32424.48	43368.91	45348.22	441018.5	58353.18	47753.02	322271.6	287438	398475.5	332652.8	234874.3	316206	53166.85	70426.26	90231.52	6871.129	99978.29	51451.78	346358.6	287438	646668.2	496658	374664.3	426130.6
G3I4L6	4	4	8.684986	3.39E-07	2.845717	37C	31C	Pyruvate ca	206194	217691.1	184834.4	165597.5	137960	140912.7	444483.3	463494.9	482641.5	492398.2	510709.1	603352.7	338099	353506	367773.9	2580.031	236371.1	151827.3	477704.6	463494.9	783257.6	735161.4	814667.4	813099.8
G3I904	1	1	1.999806	0.040118	2.853558	37C	31C	Uncharact	74818.17	46099.75	117493.5	994.2843	32336.14	13568.47	103775.4	124521.6	187030.1	70320.41	152350.6	176151.3	122680.3	74860.84	233782.4	15.49109	55402.49	14619.42	111531.7	124521.6	303522.9	104989.9	243024.9	237387.9
G3GUQ8	1	1	2.417167	0.000172	2.88849	37C	31C	Lysophosp	375527.8	426930.8	436546.3	125724.1	334128.6	268927.2	883412.4	847973.9	1113036	995855.7	919516.9	924132.5	615757.9	693287.8	868617	1958.799	572472.7	289757.3	949439.9	847973.9	1806296	1486835	1466785	1245394
G3HYW4	3	3	6.25712	0.018331	2.890744	37C	31C	Lysosome-	712572.2	713523.3	703195.8	48194.4	1065278	1093448	1773254	1645069	2430528	2262479	2502040	1921506	1168414	1158682	1399182	750.8754	1825173	1178143	1905790	1645069	3944396	3377932	3991177	2589491
G3HAA7	1	1	2.26524	0.028483	2.892446	37C	31C	Putative E3	465672.4	453566.2	404849.8	18274.76	521364.2	554921.7	895157	952134.2	1453201	1541336	1006257	1147727	763569.1	736540.8	805549	284.7233	893269.3	597903.8	962062.3	952134.2	2358336	2301248	1605151	1546718
G3GT88	2	2	5.213982	0.03154	2.924207	37C	31C	Lipoma-pr	480013.5	551938.6	455954.7	15265.85	446629.5	397489.2	809974	830043.6	1288277	1242656	1232438	1460578	787084.3	896286.5	907234.7	237.844	765224	428277.2	870512.6	830043.6	2090688	1855313	1965947	1968327
G3HUX9	2	2	4.995785	4.67E-06	2.930268	37C	31C	Very-long-c	311135.5	257288.3	333358.7	170482.4	284684	189359.2	690560	625374.4	750577.6	723335.4	885777.4	855472.9	510172.9	417807.4	663299.7	2656.14	487757.8	204026.2	742173.4	625374.4	1218079	1079956	1412965	1152866
G3GT82	4	4	9.166176	5.65E-05	2.934355	37C	31C	Prolyl 3-hy	216323.9	203425.9	221698.8	77235.33	180193.9	137609.9	488621.3	464105.2	495262.6	459900.2	584610.5	548923	354709.1	330340.9	441124.7	1203.337	308731.8	148268.6	525141.6	464105.2	803739.8	686641.1	932552.7	739748.3
G3HX53	1	1	6.307803	0.0044	2.936436	37C	31C	Scavenger	1574230	1821262	1766276	207419.9	1440641	1299645	3507143	3331223	4220884	3986280	4323079	4444343	2581286	2957526	3514443	3231.63	2468294	1400310	3769272	3331223	6849886	5951605	6896042	5989356
G3H6D0	1	1	2.411715	0.037995	2.951421	37C	31C	Ribonuclec	24356.73	16433.95	26116.3	733.5941	35904.36	18522.95	87460.77	89273.27	56677.15	47243.83	47749.87	31868.77	39938.05	26686.89	51964.85	11.4295	61516.04	19957.66	93997.71	89273.27	91978.85	70536.08	76169.12	42947.49
G3HEA6	1	1	2.81418	0.006281	2.961021	37C	31C	Targeting p	7790.15	21707.29	20040.17	99846.37	58889.65	33894.04	87111.88	79540.97	173292.7	86360.89	133529.9	157227.2	12773.61	35250.21	39874.88	1555.62	100897.4	36519.34	93622.75	79540.97	281229	128938.7	213002.8	211885.1
G3H177	7	7	18.63949	2.58E-08	3.018354	37C	31C	Lectin, mai	2089734	2122080	1967417	1645311	1468359	1729619	4854155	5443674	5313891	5301822	6008489	6347834	3426563	3446020	3914663	25634.18	2515785	1863588	5216962	5443674	8623679	7915737	9584556	8554569
G3H6R7	2	2	5.630079	5.71E-05	3.021288	37C	31C	Sphingosin	653003.5	792669.1	759690.7	308727.3	440895.9	447174.4	1910445	2316291	1382646	1409726	1531428	1728372	1070738	1287206	1511593	4810.014	755400.5	481810.8	2053234	2316291	2243835	2104752	2442887	2329216
G3IEX0	6	6	22.96046	0.005683	3.029958	37C	31C	Prolyl 3-hy	1318421	1391326	1631329	959604.7	538142.1	560060.4	4240289	4463368	1526331	1468934	5396157	2293265	2161831	2259357	3245932	14950.77	922015.3	603440.4	4557215	4463368	2477015	2193150	8607783	3090486
G3HBE7	4	4	9.553048	0.00237	3.040426	37C	31C	Acyl-CoA s	513729.8	661630.4	692634.8	92154.18	436698.9	437468.9	1195891	1220130	1332035	1363348	1679516	1826612	842369.4	1074414	1378169	1435.775	748209.6	471353.5	1285274	1220130	2161700	2035509	2679113	2461608
G3I7V6	4	4	10.89465	0.000903	3.047678	37C	31C	MOGS |MC	79829.26	63762.22	86036.53	341365.1	52398.65	50166.82	338204.8	316119.1	350166	269348.9	381063.8	397886.9	130897.1	103542.7	171191	5318.515	89776.21	54052.55	363482.7	316119.1	568268.9	402143.9	607861.2	536206.6
G3H410	1	1	1.991135	0.000564	3.057508	37C	31C	Phosphatic	195727.1	147768.5	139302.5	299867.9	132268.4	81304.47	445797.5	262134.5	493903.4	486661.7	563015.4	794495.5	320936.3	239959.5	277176.8	4671.983	226619.5	87601.99	479117.1	262134.5	801533.9	726596.7	898104.9	1070691
G3GXF0	1	1	2.455605	0.007043	3.065773	37C	31C	Uncharact	172853.6	147183.2	154042.3	11578.02	42147.04	52962.02	241097.8	276678.9	305473.8	298241.9	343155.2	315849.8	283430.3	239009.1	306505.4	180.3872	72211.81	57064.24	259117.8	276678.9	495740	445281.8	547390.6	425650.6
G3HTH3	1	1	2.136914	0.019495	3.078552	37C	31C	Active brea	205145.1	214137	164638.9	7856.722	118626.1	169063.7	367605.6	312371.3	471608.5	509003.1	538059.7	508838.3	336379.1	347734.5	327589.9	122.4088	203245.7	182158.7	395081	312371.3	765352.6	759952.8	858296.2	685728.8
G3H7R4	2	2	7.867587	0.010822	3.083163	37C	31C	Thioredoxi	428362.3	471171.7	434263.5	27243.25	319291	345011.1	927609.9	920630.1	1130004	1038619	1101485	1126113	702391.3	765130.1	864074.7	424.4536	547051.1	371734.3	996940.7	920630.1	1833834	1550681	1757055	1517591
G3HAA1	1	1	4.685013	1.29E-06	3.09815	37C	31C	Heterogen	291186	369591.6	321748.9	559658.1	476857.5	373618.8	1103118	1337411	1161539	1321487	1042156	1447110	477461.5	600175.4	640199.2	8719.55	817014.6	402557.8	1185566	1337411	1885011	1973010	1662416	1950178
G3GYM8	7	7	25.16714	0.000132	3.099745	37C	31C	Fatty-acid a	868648	898034.5	872730.1	1419651	409499.9	474541	2891312	2940642	2117578	1995573	2469562	2907698	1424334	1458308	1736513	22118.35	701608.8	511297	3107413	2940642	3436523	2979435	3939369	3918518
G3I7S8	1	1	3.289246	0.042499	3.100179	37C	31C	B-cell rece	54472.83	53481.12	52965.13	856.8833	44635.37	49219.52	97581.75	86627.11	158730.9	126548.1	172181.7	150831.7	89319.8	86847.36	105387.2	13.35036	76475.15	53031.87	104875.2	86627.11	257597.3	188939.2	274659	203266.2
G3HFJ5	2	2	4.502064	0.029476	3.108039	37C	31C	Signal reco	542326.8	571771.7	697245.4	1340750	111259.2	78535.17	3048412	3129856	753055.2	624619.8	1655681	1175095	889260.4	928493.3	1387342	20889.07	190623.7	84618.19	3276255	3129856	1222100	932571.2	2641091	1583601
G3H559	5	5	11.97176	3.07E-05	3.172591	37C	31C	Alpha-man	628592.1	668123	920869.2	1096720	661088.1	606181	3176545	3655066	1882497	1873906	1787116	2160330	1030711	1084957	1832297	17087.05	1132662	653133.4	3413964	3655066	3055021	2797784	2850752	2911338
G3HPZ6	1	1	2.147845	0.018049	3.1862	37C	31C	ELMO dom	146701.9	138676	82742.56	4167.345	81977.38	91164.34	284106	241652.4	319210.6	307320.1	313257.6	272300.9	240549	225194.2	164636.8	64.9278	140454.4	98225.57	305340.5	241652.4	518032.7	458835.7	499698.8	366962.4
G3GXS8	1	1	2.599303	0.004154	3.220008	37C	31C	Prolactin re	132496	118940.5	69999.86	11430.05	19893.64	21029.12	197970.9	197935.9	193047.4	199258.3	225037.1	190354.5	217255.5	193146.1	139282.1	178.0818	34084.39	22657.95	212767.5	197935.9	313288.1	297497.1	358972.3	256528.6
G3HDE8	4	4	10.46395	0.000242	3.225738	37C	31C	Phosphoer	443707.6	444831.7	328105.6	142514.1	461850.2	566633.3	944903.2	956353.2	1486366	1358543	1343501	1612244	727553.2	722356.9	652847.4	2220.389	791302.2	610522.5	1015527	956353.2	2412158	2028334	2143111	2172718
G3INM4	2	2	4.995301	0.000888	3.228031	37C	31C	H-2 class I	1583591	1627159	1508495	301580.2	1133087	1199803	3031104	3060522	4234221	4037961	4713557	4660653	2596634	2642324	3001524	4698.661	1941352	1292735	3257653	3060522	6871529	6028765	7518921	6280863
G3H331	5	5	11.1863	7.38E-05	3.229228	37C	31C	Ras GTPas	227216.4	227063.2	202047.7	91927.51	323797.9	301293.5	656551.3	593874.5	840090.3	806593.6	741683.7	796054.8	372569.6	368725.2	402023.9	1432.243	554772.8	324630.5	705622.9	593874.5	1363345	1204262	1183111	1072792
G3H8U1	1	1	4.525602	0.001949	3.247766	37C	31C	Engulfmen	90639.04	139350.3	42203.93	58288	40455.59	61407.62	277679.3	200931.5	424160	156813.8	247246.3	97322.96	148622	226289.3	83975.17	908.1351	69313.81	66164.01	298433.4	200931.5	688350.5	234126.4	394399.8	131155.9
G3GYG0	2	2	5.472349	1.18E-05	3.28816	37C	31C	Vitamin K-c	604229.5	658746.8	563322.1	423674	315012	270082.3	1386596	1351551	1662080	1585140	1659097	1677690	990762.9	1069731	1120869	6600.9	539719.7	291001.8	1490232	1351551	2697317	2366649	2646540	2260916
G3H8H7	6	6	18.15213	7.42E-06	3.293489	37C	31C	DnaJ homo	749909.6	925598.4	938788.2	662110.3	497287.3	420836.1	2571720	2154804	1847696	2094712	2625755	2519949	1229637	1503068	1867952	10315.77	852017.6	453432.5	2763934	2154804	2998545	3127451	4188523	3395974
A0A061HYI	1	1	3.291209	0.003047	3.315545	37C	31C	CRIGR Seq	22457.21	49776.84	36800.93	6804.153	19115.74	6972.634	68129.46	44313.83	92565.24	87060.2	112744.4	65753.86	36823.38	80832.02	73224.57	106.0096	32751.59	7512.706	73221.56	44313.83	150220	129982.8	179846.4	88612.27
G3I1E0	1	1	3.147915	0.015165	3.316423	37C	31C	Propionyl-(	270166	328496.1	266911.5	7480.848	53452.87	99595.5	482854.3	479340.7	562337.5	569894.3	682044.7	626519.3	442994.8	533440.9	531086.6	116.5526	91582.43	107309.8	518943.6	479340.7	912592.6	850864.7	1087977	844320
G3GVX9	1	1	2.044659	0.002814	3.332968	37C	31C	CDKN2C |	21257.9	26271.13	31165.82	4109.286	46310.81	38272.56	99396.4	80735.88	85899.71	111863.5	86878.27	93123.34	34856.86	42661.38	62012.11	64.02325	79345.73	41237	106825.4	80735.88	139402.8	167014.7	138585.5	125496.4
G3IBK8	1	1	2.553416	0.000283	3.333717	37C	31C	V-type prot	84882.59	109502.7	137457.2	35638.22	186150.1	94641.08	356211.2	294463.8	453495.7	390241.3	374943.2	291800	139183.1	177820	273505.2	555.2484	318936.7	101971.6	382834.9	294463.8	735958.1	582638.8	598097.9	393240.2
G3HA51	4	4	9.100604	1.36E-06	3.335957	37C	31C	Procollager	309821.2	316529.6	300804.4	538440.2	249127.9	247304.6	1063637	999632.9	1089653	1007183	1101899	1283237	508017.9	514008.7	598524.9	8388.972	426838.4	266459.8	1143134	999632.9	1768350	1503746	1757715	1729336
G3GSN8	5	5	11.41594	0.000423	3.353573	37C	31C	Integrin be	326700.1	361958	319214.9	73075.32	343763.6	317337.5	901016.2	864842.4	1032087	974907.3	992938.8	1076297	535694.5	587779.3	635157	1138.524	588980.7	341917.2	968359.4	864842.4	1674928	1455558	1583905	1450457
G3GV85	3	3	7.167257	0.000125	3.3668	37C	31C	Dolichyl-di	497491	487856.5	493474.3	161302.5	202929.9	211117.6	1263502	1122193	1072938	1019187	1194809	1243357	815742.5	792224.3	981889.3	2513.115	347686.1	227470	1357938	1122193	1741224	1521669	1905923	1675592
G3HY90	2	2	5.241304	0.00047	3.370402	37C	31C	Brain-spec	38419.92	74731.27	103574.6	116127	68764.54	62043.16	355708.5	364376	138441.3	151147.5	305372.4	247676.6	62997.65	121355.2	206087.2	1809.275	117816.4	66848.78	382294.6	364376	224670.2	225666.6	487120.7	333777.8
G3H604	4	4	12.26283	1.41E-06	3.451956	37C	31C	Alpha-gala	484042.3	531760.8	490650.4	879202.9	375287.8	414608.8	1806253	1908250	1595734	1748725	1847086	2055821	793690.4	863520	976270.4	13698.1	642992.1	446722.8	1941255	1908250	2589646	2610886	2946415	2770498
G3H748	6	6	12.71947	0.00051	3.472176	37C	31C	Aminopept	100992.2	80603.83	91278.83	290920.3	60216.73	36456.44	371581.3	364648.5	327068.2	323074.9	416108.9	490780.8	165598.3	130891.6	181621.8	4532.579	103171.2	39280.22	399353.8	364648.5	530784.5	482357.9	663764	661393.8
G3HQ97	2	2	5.449919	0.001337	3.510653	37C	31C	Golgi integ	144174	154292.9	117466.4	23603.24	175476.1	197480.3	430212.4	410010.7	528402.7	500153.2	497219.9	486381.9	236404	250554.4	233728.5	367.7418	300648.6	212776.3	462367	410010.7	857521.3	746739.8	793149.9	655465.8
G3ILW1	1	1	1.90911	0.001304	3.568705	37C	31C	Calpain-1 c	52811.7	108563.4	33595.62	11199.62	21601.36	27489.5	185813.6	154745.6	82797.39	151470.4	175046.5	161078.4	86596.03	176294.8	66846.81	174.4916	37010.27	29618.73	199701.5	154745.6	134368.2	226148.7	279228.7	217075
G3IGI5	1	1	3.426288	0.012164	3.627173	37C	31C	Pumilio do	4998.006	14103.43	8809.936	3007.8	43923.19	63167.79	137873.7	106165.8	48610.37	30409.89	130616.1	46910.86	8195.296	22902.39	17529.55	46.86194	75254.94	68060.52	148178.6	106165.8	78887.62	45402.63	208354.8	63218.76
G3H9Q1	3	3	11.73303	1.91E-07	3.632289	37C	31C	UPF0474 p	502530.5	514276.7	478440.8	636035.1	382563.4	362182.6	1490377	1449988	1829179	1641414	2009348	2026263	824005.8	835127.7	951976.4	9909.514	655457.5	390235.8	1601770	1449988	2968493	2450668	3205250	2730665
G3I7G1	2	2	5.037539	6.84E-08	3.681623	37C	31C	Calpain-5 |	124666.5	105237.7	109765.5	174915.5	118200.1	95048.35	388009.7	452313.2	458475.8	412697.9	459931.3	508181	204417.2	170894.2	218405.7	2725.208	202515.9	102410.4	417010.1	452313.2	744040.1	616167.1	733668.3	684843
G3IG19	1	1	2.439408	0.007652	3.747243	37C	31C	HD domain	142099.1	166407.5	131297	7066.953	62915.23	83431.49	241639.4	281031.1	418389.9	398766.2	393686.3	489415.9	233001.7	270227.1	261247.8	110.1041	107794.6	89893.77	259699.8	281031.1	678986.5	595366.7	627996.2	659554.5
G3HXN7	2	2	3.974242	6.55E-05	3.74926	37C	31C	Beta-hexos	125680.5	184727.4	151877.1	62257.2	185566.4	174936	721492.2	787114.1	466071.6	429114	397237.4	517233	206079.9	299976.6	302197	969.9758	317936.6	188485.8	775417.5	787114.1	756366.9	640676.7	633660.9	697041.9
G3I967	1	1	2.192055	0.041506	3.78545	37C	31C	DPAGT1 |D	137193.5	97510.73	207850.6	145043.5	29958.03	4137.376	801148.2	810957.9	169669.5	167934.8	248173.3	155506.8	224957.9	158346.5	413570.3	2259.798	51328.02	4457.841	861027.1	810957.9	275349.1	250730.4	395878.4	209566.6
G3IC16	4	4	12.93573	2.78E-05	3.870176	37C	31C	Cysteine-ri	802708.1	885973.3	1027315	472836.5	652823.9	515742.9	3401423	4530941	1870954	2056961	2276378	2727248	1316211	1438721	2044098	7366.858	1118503	555690.3	3655651	4530941	3036288	3071088	3631208	3675337
G3HSX3	1	1	2.908773	0.002474	3.886069	37C	31C	B-cell rece	298007.7	286470.7	218916.5	31806.39	253945.1	259458.1	659706	490869.8	976967.8	915955.8	1053601	1143670	488647.2	465196.4	435588.7	495.5479	435092	279554.7	709013.4	490869.8	1585478	1367542	1680671	1541251
G3HAI3	1	1	2.403743	0.00015	3.896385	37C	31C	Follistatin-	100478.4	110333.2	112195.4	26822.98	103771.3	83419.84	245809.9	271157.5	390767	383067.5	389944.7	411694.2	164755.7	179168.8	223240.6	417.9058	177794.5	89881.22	264182	271157.5	634158.5	571928.3	622027.8	554813.9
G3I4I8	1	1	2.432828	0.013487	3.920508	37C	31C	CDP-diacyl	82460.27	74048.99	93992.01	62155.43	32095.62	8143.649	505219.1	373088.9	152783.8	93560.69	152698.3	106180.6	135211.2	120247.3	187020.4	968.3901	54990.41	8774.423	542979.9	373088.9	247946.1	139688.2	243579.7	143092.8
G3IGZ5	1	1	2.059131	0.029226	3.969951	37C	31C	Kynurenine	117775.5	85749.91	103040.5	1370.565	197774.9	169565.9	303014.4	303399.1	547341.7	470027.4	516467.1	540567.6	193117.9	139248.3	205024.6	21.35359	338853.8	182699.8	325662.1	303399.1	888256.6	701761.3	823852.3	728488.4
G3H8V4	5	5	13.45058	0.000134	4.094652	37C	31C	Phospholip	399793	501197.1	395600.9	1965698	327204	409684.5	2468383	3209633	2469065	2577716	2537514	3112926	655545.8	813888	787145.9	30625.84	560608.6	441417.1	2652874	3209633	4006936	3848587	4047765	4195091
G3HW34	5	5	14.67846	0.00083	4.323734	37C	31C	Prolow-der	178681.9	180112.2	164649.3	18985.34	94310.38	92096.19	468507.1	433450.9	544665.8	503887.8	585234.5	615543.7	292987.1	292482	327610.5	295.7942	161584.9	99229.6	503524	433450.9	883914	752315.6	933548	829528.8

G3H8Z0	3	3	7.539498	1.06E-08	4.419488	37C	31C	GDP-fucos	103343.8	112509.9	119775.8	165846.7	116371.9	91598.07	501345.8	452671.4	578189.9	517760.5	545262.6	540158.7	169454.2	182703.4	238323.7	2583.915	199383.5	98692.9	538817.1	452671.4	938318.9	773027.9	869786	727937.3
G3HMM2	4	4	13.41413	6.75E-07	4.49378	37C	31C	Peptidyl-pr	1543012	1580216	1668863	1730741	914074.4	1023243	7684946	8166159	5158344	5141616	5814871	6052117	2530097	2566093	3320616	26965.18	1566112	1102500	8259330	8166159	8371248	7676545	9275703	8156050
G3HM82	3	3	7.871281	1.23E-06	4.493921	37C	31C	Sister chro	76968.76	48084.04	73035.22	38723.41	94855.56	68870.36	277675.9	225283.7	356490.3	313580.4	318016.8	308935.9	126206.7	78083.09	145321.6	603.3161	162518.9	74204.79	298429.8	225283.7	578532.3	468182.4	507290.6	416333.2
G3IHA0	1	1	2.225865	0.008024	4.60218	37C	31C	3-hydroxyis	19382.22	27347.14	2621.312	1626.069	20319.29	19543.41	32628.3	29692.61	126081.4	81577.17	56051.08	92028.95	31781.29	44408.7	5215.75	25.33438	34813.66	21057.17	35066.99	29692.61	204612	121796.5	89410.95	124021.5
G3HMA9	2	2	5.915066	0.000235	4.662372	37C	31C	NudC dom	72890.05	89138.97	63883.79	11674.17	35816.97	29426.26	232690.8	234336.7	215765.6	225501.6	285640.3	217972.1	119518.8	144751.7	127112.6	181.8852	61366.32	31705.5	250082.4	234336.7	350156.4	336678.9	455644.6	293747.1
G3I3B6	2	2	5.979028	1.18E-06	4.665261	37C	31C	Stromal int	263465.4	240403	243300.6	179842.2	129471.5	112970.1	992521.8	1040358	787715.6	844421.6	820192.9	970592.9	432007.7	390387.6	484106.9	2801.966	221827.5	121720.4	1066704	1040358	1278349	1260740	1308346	1308006
G3HIL8	1	1	3.479285	0.004452	4.758573	37C	31C	Ubiquitin c	93847.36	55511.46	72923.88	3390.309	72347.06	22423.41	187235.4	180284.6	211485.6	279489.5	278519.7	387838.9	153882.7	90144.39	145100.1	52.82147	123954.4	24160.24	201229.6	180284.6	343210.7	417284	444286	522665.7
G3HGL0	2	2	5.309268	2.71E-05	4.957252	37C	31C	Single-stra	24734.3	27778.46	25555.72	65794.72	21828.91	13094.92	155954.1	187313.4	111144.4	119128.8	189570	123181.5	40557.15	45109.11	50849.42	1025.091	37400.14	14109.2	167610.4	187313.4	180371.4	177861.9	302396.2	166003.9
G3H1H9	2	2	5.326466	5.22E-05	5.164496	37C	31C	Heparan-a	29400.01	41356	25954.19	8187.667	40773.53	28492.15	108010.5	118717.1	182167.6	152771.4	176029.9	161770.5	48207.59	67157.51	51642.29	127.565	69858.54	30699.04	116083.3	118717.1	295631.8	228091.1	280797.4	218007.8
G3GUX9	4	4	9.327396	7.57E-07	5.355592	37C	31C	Metalloenc	81638.58	88950.91	68720.28	166486.3	62716.88	71422.3	412298.9	405994.3	511514.9	424035.1	611373.9	526455.7	133863.8	144446.3	136736	2593.879	107454.7	76954.39	443114.7	405994.3	830114.9	633093.8	975244.8	709470.7
G3H7D4	1	1	1.93878	0.000378	5.378021	37C	31C	Endonucle	66379.48	62640.77	74177.43	8672.584	24231.49	72077.39	331750	289794.6	209970.5	242791.6	326548.8	256538.3	108843.3	101721.6	147594.4	135.12	41516.55	77660.22	356545.5	289794.6	340751.9	362493.2	520900.5	345720.2
G3HII2	1	1	2.340664	1.76E-07	5.701941	37C	31C	Transmem	49447.48	41220.55	41665.63	51437.87	35664.89	23303.73	291292.6	186693.8	230347.3	184463.2	263016.4	228276.7	81079.68	66937.56	82904.08	801.409	61105.75	25108.74	313064.2	186693.8	373820.4	275407.6	419555.7	307633.9
G3HBX6	1	1	1.985385	0.032642	5.954041	37C	31C	Chloride cl	4380.298	1906.797	6964.256	0	0	645.982	16046.32	9678.07	9997.287	15659.74	13582.74	17781.15	7182.432	3096.425	13857.11	0	0	696.0172	17245.64	9678.07	16224.16	23380.33	21666.77	23962.51
G3H5W1	1	1	1.914555	0.04202	6.076022	37C	31C	Phosphatic	0	2179.307	3024.141	0	3499.453	3281.197	8049.517	17588.26	12708.8	9214.291	11954.93	13299.85	0	3538.95	6017.278	0	5995.72	3535.345	8651.15	17588.26	20624.55	13757.14	19070.13	17923.36
G3I1T4	1	1	2.818244	2.75E-05	6.213039	37C	31C	Nodal mod	15759.25	27622.72	20813.13	22930.34	9807.263	10541.42	68647.95	59537.2	128723	124047.8	196189.9	90595.12	25840.65	44856.2	41412.88	357.2579	16803.08	11357.92	73778.79	59537.2	208898.8	185206.1	312956.1	122089.2
G3I2J5	2	2	5.158255	0.002456	6.251663	37C	31C	Protein unc	46336.94	28876.03	61506.65	110072.2	14462.69	6251.81	469971.5	586264.1	132050.8	128784.4	191181.5	164107	75979.29	46891.44	122382.7	1714.94	24779.36	6736.051	505097.8	586264.1	214299.4	192277.9	304966.8	221156.5
G3I0R8	1	1	2.892113	0.00332	6.387527	37C	31C	Actin-bindi	9885.473	13196.46	5529.542	171.0803	1357.43	2684.98	36278.96	36910.85	37872.56	35584.67	39931.9	23091.37	16209.34	21429.57	11002.39	2.665455	2325.726	2892.948	38990.5	36910.85	61461.7	53128.7	63698.14	31118.76
G3HX92	1	1	2.089165	3.81E-05	6.859863	37C	31C	Protein arg	8029.328	6625.326	10201.4	2471.318	8051.133	2474.767	65817.94	39632.1	56345.67	29497.43	29925.05	38450.08	13165.79	10758.79	20298.22	38.50348	13794.25	2666.453	70737.27	39632.1	91440.89	44040.32	47735.52	51816.71
G3I2P6	1	1	2.952691	3.50E-06	6.987311	37C	31C	DnaJ-like s	163265.2	236393.3	126114.7	53823.47	140446.8	79737.61	995701	1124219	731239.7	914484	923318	899357.9	267708.2	383876.3	250936.5	838.5771	240631.7	85913.76	1070121	1124219	1186697	1365345	1472848	1212007
G3HY07	1	1	2.784551	0.030659	7.033779	37C	31C	Glutathion	4583.493	3773.313	0	0	0	5412.657	8631.541	8926.392	22398.85	6614.228	49055.19	1225.162	7515.614	6127.437	0	0	0	5831.9	9276.675	8926.392	36350.11	9875.189	78251.32	1651.073
G3IP39	1	1	1.967509	0.004757	8.209368	37C	31C	3-hydroxyb	48559.2	51370.53	63595.2	748.4478	69345.29	42531.46	231944.1	288335.6	397713	461117.3	432799.7	455108.2	79623.15	83419.99	126538.4	11.66092	118811.4	45825.78	249279.9	288335.6	645430.8	688458.3	690388.8	613320.2
G3GR86	1	1	3.718797	0.009982	8.581372	37C	31C	ATP-depen	0	18958.51	7089.504	0	0	0	73645.46	816.3979	61066.58	12975.48	66458.26	8565.51	0	30786.49	14106.32	0	0	0	79149.83	816.3979	99102.25	19372.67	106012.2	11543.19
G3I801	1	1	2.826144	0.011222	8.680882	37C	31C	Switch-ass	111524	89482.48	172873	47027.26	32064.76	14170.77	1686192	1571559	135654.1	123565.1	210691.9	327544	182867.4	145309.5	343973.6	732.6912	54937.53	15268.38	1812221	1571559	220147.1	184485.5	336089.2	441410.1
G3IMH8	1	1	2.420432	0.01929	10.02759	37C	31C	Metastasis	0	2574.515	11059.23	78.47554	2911.319	3220.981	32057.35	27777.01	31641.95	34996.45	32509.63	40010.28	0	4180.725	22005.08	1.22266	4988.052	3470.466	34453.37	27777.01	51350.31	52250.47	51858.37	53919.3
G3HWS9	1	1	2.610049	0.034393	11.6738	37C	31C	Phosphatic	50601.92	72587.29	12011.43	0	14297.61	0	568423.3	333221.3	195655.9	239499.6	360570.5	47842.73	82972.63	117873.6	23899.72	0	24496.53	0	610908.1	333221.3	317521.3	357578.1	575170.9	64474.58
G3H6K5	2	2	6.780405	2.61E-07	13.16486	37C	31C	HIV Tat-spe	23588.35	44963.96	15893.53	16035.99	19495.72	27891.99	210548.1	274510.5	301094.7	279193.5	587215.3	294120.1	38678.13	73016.45	31624.12	249.8429	33402.61	30052.39	226284.8	274510.5	488633.3	416842	936707.8	396366.9
G3HRK9	2	2	5.637491	6.64E-09	14.6035	37C	31C	Matrix met	22576.07	22768.1	14484.11	12177.68	23199.36	15575.95	222000.2	180672.1	322768.1	255329.2	338986.8	298037.6	37018.28	36972.85	28819.73	189.7299	39748.17	16782.4	238592.8	180672.1	523806.1	381212.2	540741.3	401646.2
G3IH84	1	1	2.845865	0.021798	15.10593	37C	31C	ARSA | ARS	9043.877	26455.06	11134.4	0	9942.996	1099.981	141323.9	111692.2	157357.1	145209.8	172342.6	143328.6	14829.36	42960.06	22154.64	0	17035.64	1185.181	151886.7	111692.2	255367.9	216801.4	274915.7	193154.8
G3ILB1	1	1	4.052547	1.24E-05	16.26348	37C	31C	Thioredoxi	62948.99	85091.77	94720.96	8676.664	27108.55	33462.66	675665.9	682956.9	746448.9	732210.5	1274763	962316.7	103218.3	138179.5	188470.8	135.1836	46445.9	36054.54	726166.1	682956.9	1211379	1093206	2033463	1296853
G3HMD2	1	1	2.357974	0.000193	18.79536	37C	31C	Sulfide:qui	0	2030.743	0	0	0	0	12244.4	6795.599	5179.508	5654.517	3311.656	4982.857	0	3297.699	0	0	0	0	13159.57	6795.599	8405.595	8442.318	5282.652	6715.077
G3HRQ3	1	1	4.169287	8.56E-07	18.96324	37C	31C	SWI/SNF c	37437.36	44800.17	15740.41	7009.442	13375.89	28171.8	473213.4	512453.6	522787.1	475798.7	379098.2	415428.4	61386.52	72750.46	31319.45	109.2081	22917.32	30353.88	508582.1	512453.6	848408.1	710377.9	604725.8	559846.3
G3GSJ5	1	1	2.252465	0.010376	20.29537	37C	31C	Arf-GAP wi	36097.57	20973.16	22434.4	682.2908	0	227.7434	253217.2	199872.6	251608.7	198144.6	436479.9	292732	59189.66	34058.06	44638.79	10.63019	0	245.3835	272143	199872.6	408324.6	295834.3	696259.3	394496.2
G3HRM9	1	1	2.056446	0.022094	30.17742	37C	31C	Prostaglan	20625.02	115909.8	32520.69	0	91607.51	113656.4	1227273	1538904	1537988	1925766	2067906	2998156	33819.12	188224.6	64707.96	0	156953.9	122459.8	1319001	1538904	2495932	2875212	3298660	4040423
G3I388	1	1	3.333824	0.000796	388.188	37C	31C	28 kDa hea	4472.996	1720.515	1514.815	0	2289.233	0	507446.8	649315.7	598460.7	636590.5	643637.8	845480.4	7334.43	2793.923	3014.1	0	3922.213	0	545374.1	649315.7	971215.4	950443.6	1026711	1139400

Differentially expressed proteins found in both whole cell proteome and ubquitnated proteome data sets

CHO-DP12 D4		
G3IDD9	40S ribosomal protein S3	RPS3
G3IDM2	Cofilin-1	CFL1
G3HDL6	Elongation factor 1-beta	EEF1B
G3I6I1	26S protease regulatory subunit S10B	PSMC6
G3I5Q4	Heterogeneous nuclear ribonucleoprotein M	HNRNPM
G3HNP4	rRNA 2'-O-methyltransferase fibrillarin	FBL
G3HFM4	Filamin-B	FLNB
G3I3Y6	Glutathione S-transferase P	GSTP1
G3HGW5	ADRM1 26S proteasome ubiquitin receptor	ADRM1
G3H2Z7	26S proteasome non-ATPase regulatory subunit 4	PSMD4
Q3HR12	Guanine nucleotide binding protein alpha inhibitin	GNAI3
G3HIC5	RuvB-like helicase	RUVBL1
G3I501	H1F0	H1F0
G3HC30	Protein S100	
G3HC31	Protein S100	S100A6
Q80Z93	Gap junction protein	GJA1
G3HYI7	U2 snRNP auxiliary factor large subunit	U2AF2
G3HCN2	CTP synthase	CTPS1
G3I003	60S ribosomal protein L13a	RPL13A
G3HSM4	Small glutamine-rich tetratricopeptide repeat-con	SGTA
G3IHN6	4F2 cell-surface antigen heavy chain	SLC3A2
G3HJ89	Clathrin heavy chain	CLTC
G3HYB7	T-complex protein 1 subunit eta	CCT7
G3HZW3	60S ribosomal protein L18	RPL18
G3I2B6	Serine/threonine-protein phosphatase 2A 65 kDa r	PPP2R1A
G3HRD9	Proteasome subunit beta	PSMB5
G3H0C2	Proteasome subunit alpha type	PSMA4
G3H8Y0	Terpene cyclase/mutase family member	LSS
G3HX83	Ras-related protein Rab-14	RAB14
G3H125	Neutral amino acid transporter A	SLC1A4
G3HVL1	Cell division control protein 2-like	CDK1
G3I0H2	40S ribosomal protein S4	RPS4
G3HT32	CUL2	CUL2
G3HLM0	DCAKD	DCAKD

CHO-DP12 D7		
G3H7T9	E3 ubiquitin-protein liga	HUWE1
G3H125	Neutral amino acid trans	SLC1A4
P55072	Transitional endoplasmi	VCP
G3HGP6	T-complex protein 1 sub	TCP1
G3GXG4	Lanosterol 14-alpha den	CYP51A1
G3GR73	Rab GDP dissociation in	GDI2
G3HWC3	Ezrin	EZR
G3IEG6	Tubulin beta chain	
G3HHR3	Vimentin	VIM
G3HCB6	Putative tumor suppress	PITPNB
G3GVD0	Actin, cytoplasmic 1	ACTB
Q80Z93	Gap junction protein	GJA1
G3HUN1	Ubiquitin carboxyl-termi	UCHL5
G3HD67	PRPS1	PRPS1
G3HIT7	Microtubule-associated	MAP1B
G3GS70	Importin-5	IPO5
G3IBG3	Ubiquitin activating enzy	UBA1
Q3HR12	Guanine nucleotide binc	GNAI3
G3I310	26S proteasome non-AT	PSMD2

CHO-SK15-EPO D4		
G3I2B6	Serine/threonine-prote	PPP2R1A
G3HWP9	Heterogeneous nuclea	HNRNPC
G3HV80	Vesicle-associated me	VAMP7
G3HID0	Dolichyl-diphosphooli	RPN1
G3GSN1	Oxysterol-binding prot	OSBPL11
G3HMB2	TMED4	TMED4
G3I4I8	CDP-diacylglycerol--in	CDIPT
G3I8X2	Long-chain-fatty-acid--	ACSL1
G3GZ72	Coatomer subunit gam	COPG2
G3GYY6	Catalase	CAT
G3IAY3	SEC23-interacting prot	SEC23IP
G3HJM2	Glycyl-tRNA synthetas	GARS
G3I877	Stress-induced-phosp	STIP1
G3H8Y0	Terpene cyclase/muta	LSS
G3HWD7	Uncharacterized prote	HEATR1
G3I3G8	Transaldolase	TALDO1
G3I449	Tubulin-specific chape	TBCD
G3HH63	Phospholipase A-2-act	PLAA
G3HP75	D-3-phosphoglycerate	PHGDH
G3ILN5	Reticulocalbin-3	RCN3
G3I8U4	EMILIN-2 (Fragment)	SMCHD1
G3GXF0	Uncharacterized prote	CQ062_RAT
G3IPU3	14-3-3 protein epsilon	YWHAE
G3H1K9	Alpha-actinin-1	ACTN1
G3H4I2	Tropomyosin alpha-1 c	TPM4
G3GZR1	Aspartyl-tRNA synthet	DARS
G3HMB9	Histone H2A	H2AFV
G3HIT7	Microtubule-associate	MAP1B
G3GUI3	Peptidylprolyl isomera	FKBP4
G3HC45	Secretory carrier-asso	SCAMP3
G3HMD1	Glyceraldehyde-3-pho	GAPDH
G3HHE4	Leucyl-tRNA synthetas	LARS
G3HPN2	Coiled-coil domain-co	MSANTD4
G3HBD6	C-jun-amino-terminal	SPAG9
G3I3A8	Nuclear mitotic appar	NUMA1
G3IDS3	Putative helicase MOV	MOV10
G3IHK4	Eukaryotic elongation f	EEF2K
G3HQP7	Flotillin-1	FLOT1
G3H6V7	Lipoprotein lipase	LPL
G3GRA0	Lamin-B receptor	LBR
G3I7X1	Flotillin-2	FLOT2
Q6E6J6	Chromobox protein-lik	CBX5
G3I7M1	Ataxin-2-like protein	ATXN2L
G3HPZ6	ELMO domain-contain	TTGN1
G3H5T7	Chromobox protein-lik	CBX1
G3H4H6	AP-1 complex subunit	AP1M1
G3HRD3	Protein arginine N-met	PRMT5
G3H7Y0	Coatomer subunit alpl	COPA
G3HQ89	V-type proton ATPase s	ATP6V1E1
G3HM03	Synaptic vesicle memt	VAT1
G3HE39	HTATIP2	HTATIP2
G3I6G7	ADP-ribosylation facto	ARL2
G3H9Z1	Microsomal glutathion	MGST1
G3ILF1	Glutathione S-transfer	GSTM5
G3I5A4	Annexin	ANXA5
G3H6W0	ATP6V1B2 (Fragment)	ATP6V1B2
G3H3Q1	Pyruvate kinase	PKM
G3HHJ4	Vacuolar protein-sortir	VPS36

CHO-SK15-EPO D7		
G3HX62	Rac GTPase-activati	RACGAP1
G3I958	Protein DDI1-like 2	DDI2
G3HFP1	Radixin	RDX
G3HJV5	Nuclear pore compl	NUP155
G3IHK4	Eukaryotic elongatio	EEF2K
G3HIT7	Microtubule-associa	MAP1B
G3HBG8	Calmodulin	CALM2-B
G3I230	Oligoribonuclease, r	REXO2

CHO-K1 D4		
G3IAQ6	Fanconi anemia group I	FANCI
G3HR63	Protein canopy-like 3	CNPY3
G3HH79	Zinc finger CCCH-type	ZC3HAV1
G3HTV3	Tripartite motif-contain	TRIM47
G3H125	Neutral amino acid trar	SLC1A4
G3H2C4	Heat shock 70 kDa pro	HSPA4
G3H9D1	Acetyl-CoA carboxylas	ACACA
G3H3P5	Kinesin-like protein	KIF5B
G3H7T9	E3 ubiquitin-protein lig	HUWE1
G3GZE6	Actin-related protein 3	ACTR3
G3I4H6	Fructose-bisphosphate	ALDOA
G3H750	Calpastatin	CAST
G3HQP7	Flotillin-1	FLOT1
G3HDB3	Splicing factor, arginine	SRSF4
G3HFQ4	Dihydrolipoamide acet	DLST
G3HN72	Microtubule-actin cros	MACF1
G3GYZ1	CD44 antigen	CD44
G3GUP7	Ubiquitin carboxyl-tern	USP5
G3I9P1	LDLR chaperone MESD	MESD
G3GUM5	Condensin complex su	NCAPD2
G3IG23	Alanyl-tRNA synthetas	AARS
G3H1D6	A kinase anchor protein	AKAP1
G3IND2	26S proteasome non-A	PSMD13
G3I6S3	Programmed cell death	PDCD4
G3GXG4	Lanosterol 14-alpha de	CYP51A1
G3HIN8	Leucine zipper protein	LUZP1
G3HYU7	Exportin-5	XPO5
G3H3X5	U3 small nucleolar RN/	UTP14A
G3HEN3	Protein HIRA	HIRA
G3HRD9	Proteasome subunit be	PSMB5
G3IKC3	Glutathione S-transfera	GSTM3
G3H7U0	3-hydroxyacyl-CoA deh	HSD17B10
G3HSL4	Elongation factor 2	EEF2
G3I2F8	U4/U6.U5 tri-snRNP-as	SART1
G3HK00	Guanine nucleotide-bir	RACK1
G3IPH0	Pre-mRNA-processing-	PRPF8
G3HYB7	T-complex protein 1 su	CCT7
G3HZF4	Chloride intracellular c	CLIC1
G3H278	60S ribosomal protein I	HECTD4
G3IAS8	Kinesin-like protein KIF	HNRNPK
G3HJ15	E3 SUMO-protein ligas	RANBP2
G3H352	Cytoplasmic dynein 1 h	DYNC1H1
G3I5L3	Annexin	ANXA1
G3H451	Nucleolar protein 56	NOP56
G3HDT6	Histone H2A type 1	H2AC11
G3I958	Protein DDI1-like 2	DDI2
G3HG95	Lamin-A/C	LMNA
G3H3Y2	Retrovirus-related Gag	GAG

CHO-K1 D7		
G3I0H2	40S ribosoi	RPS4
G3GWL7	Ribosomal	RSL1D1
G3H155	Core histor	H2AFY
G3I710	AP-2 comp	AP2A1
G3HQX0	40S ribosoi	RPSA
G3IAU0	Uncharacte	SMC4
G3HRJ7	Catenin de	CTNND1
G3HWJ2	Plectin-1	PLEC
G3GY55	Period circ	VAMP2
G3HDE3	Proteasom	PSME2
G3HLS2	14-3-3 prot	YWHAB
G3GVB5	Ras-relatec	RAC1
G3GT06	T-complex	CCT8
G3I018	26S protea	PSMD7
G3H945	Eukaryotic	EIF3I
G3HG95	Lamin-A/C	LMNA
G3I1Z7	Developme	DRG1
G3GZQ9	DNA helica	MCM6
G3H042	Condensin	NCAPH
G3HUN1	Ubiquitin c	UCHL5
G3HK00	Guanine nu	RACK1
G3GR73	Rab GDP di	GDI2
G3HAP7	Glutathion	GSS
G3GW11	Non-specif	SCP2
G3IHQ7	Sulfurtrans	TST
G3HRY8	SWI/SNF-re	SMARCA5
G3IBG3	Ubiquitin a	UBA1
G3H037	U5 small n	SNRNP200
G3I3C7	Putative all	RPS7
G3I9G7	Proteasom	PSMA3
G3GXD7	Fatty acid s	FASN
G3HGP6	T-complex	TCP1
G3I2G0	UPF0696 p	BLES03
G3HAF4	Splicing fac	SF3B3
G3I5L3	Annexin	ANXA1
G3HSL4	Elongation	EEF2
G3HJ15	E3 SUMO-p	RANBP2
G3GS70	Importin-5	IPO5
G3GWQ1	Vinculin	VCL
G3HRM8	Nascent po	NACA
G3I2I9	60S ribosoi	RPL3
G3GUU5	Transketola	TKT
G3I3X6	Proteasom	PSMA6
G3ICH9	Ataxin-10	ATXN10
G3H3Y2	Retrovirus-	GAG
G3HBG5	26S protea	PSMC1
G3IPB5	Pre-mRNA-	PRPF8
G3HKQ9	SWI/SNF c	SMARCC1
G3H229	GMP synth	GMPS
G3I905	E3 ubiquiti	UBR4
G3IAQ0	Alpha-enol	ENO1
G3I5Z8	Proteasom	ECM29
G3GZ89	Inosine-5'-r	0
G3HH63	Phospholip	PLAA
G3GRE1	Bifunctiona	EPRS
G3H9B2	Myoferlin	MYOF
G3GWT7	Guanine nu	GNAS
G3H9H7	Heterogen	RBMXL1

G3HGT4	Uncharacterized prote	VWA8
G3I958	Protein DDI1-like 2	DDI2
G3H193	FAS-associated factor	FAF2
G3H0D2	Reticulocalbin-2	
G3I863	Ephrin type-A receptor	EPHA2
G3I255	L-lactate dehydrogena	LDHA
G3I129	Ubiquitin	UBA52
G3I4A0	Actin, gamma-enteric s	ACTA2
G3GX55	Brain-specific angioge	BAIAP2
G3H7T9	E3 ubiquitin-protein lig	HUWE1
Q80Z93	Gap junction protein	GJA1
G3GW47	Arginyl-tRNA synthetas	RARS
G3GWH3	POMP	
G3H1F4	Ribosomal protein L15	RPL15
G3H412	Proliferating cell nucle	PCNA
G3HRC6	Abhydrolase domain-containing protein 4	
G3I2N4	Lamina-associated pol	TMPO
G3HUX4	Ubiquitin carboxyl-terr	USP14
G3GYZ1	CD44 antigen	CD44
G3GXH4	Cell division protein kir	CDK6
G3I478	Activating signal cointe	ASCC3
G3GZB3	Pericentriolar material	PCM1
G3HMN6	Mitochondrial import r	TOMM70
G3HV90	55 kDa erythrocyte me	MPP1
G3H6U1	Nucleolar RNA helicas	DDX21
G3H168	PDZ and LIM domain p	PDLIM7
G3H9Z4	Serine-threonine kinas	STRAP
G3GXD7	Fatty acid synthase	FASN
G3H7Z2	Transgelin	TAGLN2
G3HCF8	Endophilin-A2	SH3GL1
G3HM30	Zinc finger protein 622	
G3IDM2	Cofilin-1	CFL1
G3I8K2	Alpha-tectorin	SC5D
G3HLZ7	AARSD1	AARSD1
G3HJ29	DnaJ-like subfamily B r	DNAJB12
G3HBG5	26S protease regulator	PSMC1
G3H5G6	Thioredoxin-like protei	TXNL1
G3HN46	Protein tyrosine phosp	PTP4A2
G3H2G5	Serine/threonine-prote	PPP2R1B
G3I5Z8	Proteasome-associate	ECM29
G3I782	Heterogeneous nuclea	HNRNPD
G3IBF6	Sister chromatid cohes	PDS5A
G3GS17	Transporter	SLC6A6
G3I5V6	Mitotic checkpoint pro	BUB3
G3HRY8	SWI/SNF-related matri	SMARCA5
G3ICH9	Ataxin-10	ATXN10
G3HH79	Zinc finger CCCH-type	ZC3HAV1

G3GT05	T-complex	CCT8
G3HKZ1	14-3-3 prot	YWHAZ
G3H3Q1	Pyruvate ki	PKM
G3H2Z7	26S protea	PSMD4
Q3HR12	Guanine nu	GNAI3
G3HIM4	CDC42	CDC42
G3H8N3	60S riboso	RPL4
G3I6I1	26S protea	PSMC6
G3ICY6	40S riboso	RPS17
G3I3H2	60S acidic	RPLP2
G3GZ85	Staphyloco	SND1
G3IJ99	ATP-bindin	ABCD3
G3HDL6	Elongation	EEF1B
G3H8D0	Guanine nu	GNAI2
G3HG83	T-complex	CCT3
G3H412	Proliferatin	PCNA
G3GYP9	Peroxiredo	PRDX1
G3GYR9	40S riboso	RPS8
G3IHC7	PRMT1	PRMT1
G3H2C4	Heat shock	HSPA4
G3HJN1	Calcium-bi	CALCOCO2
G3HGU3	Disabled-li	DAB2
G3I310	26S protea	PSMD2
G3HGW5	ADRM1 26S	ADRM1
G3H7Y1	PEX19	PEX19
G3HJT1	Coiled-coil	0
G3GVQ7	Phytanoyl-(	PHYH
G3H4J1	E3 ubiquitin	HECTD1
G3HAN8	Adenosylhc	AHCY
G3H2N6	Programme	PDCD6IP
G3HLZ7	alanyl-tRN/	AARSD1
G3I873	Ubiquitin th	OTUB1
G3I5Q4	Heterogene	HNRNPM
G3I255	L-lactate de	LDHA
G3II69	DNA dama	DDB1
G3H7T9	E3 ubiquitin	HUWE1
G3HWC3	Ezrin	EZR
G3ILF1	Glutathione	GSTM5
G3GS17	Transporte	SLC6A6
G3HAU1	Eukaryotic	EIF3E
G3H9G4	ATP-bindin	ABCE1
G3H125	Neutral am	SLC1A4
G3IJG2	Fatty acyl-(	FAR1
G3HKG8	40S riboso	RPS3A
G3HQV4	3-ketoacyl-	ACAA1B
G3HC31	Protein S1(	S100A6
G3IM40	26S protea	PSMD1
G3GUP7	Ubiquitin c	USP5
G3I3B7	Ribonuclec	RRM1
G3HXP6	3-hydroxy-3	HMGCR
G3HMY0	3-hydroxy-3	HMGCS1
G3GXG4	Lanosterol	CYP51A1
G3I129	Ubiquitin	UBA52
G3IFY1	TYMS	TYMS
G3IF62	Ras GTPase	IQGAP1
G3H853	cAMP-depe	PRKAR1A
G3H6W0	ATP6V1B2	ATP6V1B2
G3H4Z8	HSPA2	HSPA2
G3HTU8	Galactokin	GALK1
G3H451	Nucleolar p	NOP56

G3H7U2	Structural r	SMC1A	
G3I6G7	ADP-ribosy	ARL2	
G3IH63	Myosin-9	MYH10	
G3HDT6	Histone H2	H2AC11	
G3I6L2	Elongator c	ELP3	
G3H352	Cytoplasm	DYNC1H1	
G3I5W3	TAR DNA-b	TARDBP	
G3H7Y0	Coatomer s	COPA	
G3I3A8	Nuclear mi	NUMA1	
G3HGY8	Elongation	EEF1A1	
G3HFJ1	Scavenger	DCPS	
G3GXT2	CAD protei	CAD	
G3HSM8	Lamin-B2	LMNB1	
G3HID0	Dolichyl-di	RPN1	
G3HZ55	Integrin be	ITGB1	
G3ILN5	Reticulocal	RCN3	
G3II19	Ragulator c	LAMTOR1	
G3HHE4	Leucyl-tRN	LARS	
G3H5T7	Chromobo	CBX1	
G3H9T1	Dolichyl-di	DDOST	
G3H1K9	Alpha-actir	ACTN1	
G3HJK8	MICOS con	IMMT	
G3HR08	Cytosol am	LAP3	
G3HIT7	Microtubul	MAP1B	
G3H2C6	Voltage-de	KCT2	
G3HV88	FUN14 don	FUNDC2	
G3I0C6	Cullin-5	CUL5	
G3GZ72	Coatomer s	COPG2	
G3I0G1	Transcriptio	BTF3	
G3H177	LMAN2	LMAN2	
G3I7X1	Flotillin-2	FLOT2	
G3H8F4	Dystroglyca	DAG1	
G3H6T5	Hexokinase		0
G3H1B3	Lamin-L(I)	LMNB1	
G3HQP7	Flotillin-1	FLOT1	
G3HQ45	Eukaryotic	EIF2S3	
G3HLM0	DCAKD	DCAKD	
G3H397	Non-specif	AKT1	
G3HKR3	Tyrosine-pr	PTPN23	
G3H761	Tetratricop	TTC37	
G3I5A4	Annexin	ANXA5	
G3GZ66	Transmeml	TMEM209	
G3H8V4	Phospholip	PLTP	
G3I9Z3	Ribose-phc	PRPS1	