

Probes Set ID	Gene Symbol	mRNA Accession	H1299 cells w/ knockdown shRGS-2	H1299 cells w/ knockdown shRGS-1	Hct116 cells with vector control	Hct116 cells with RGS17 knockdown construct shRGS-1	P_H1299_2.0	P_H1299_3.0	P_HCT116_3.0	fold changes RGS17 knockdown/vector control	FOLD_H1299_2.0	FOLD_HCT116_3.0
2891860	ITGB8	NM_002214	110.6326	51.66708333	445.0193333	101.29039	0.02027206	0.467193775	0.645920401	0.645920401	0.227608965	
3132940	ANKK1	NM_020476	344.0208	179.8145	177.0607	66.59567533	0.00125153	0.522684966	0.1615840864	0.1615840864	0.376075277	
3577612	SERPINA1	NM_001002236	590.3627	360.879	171.9553	66.62296333	0.001278252	0.611283538	0.553224145	0.553224145	0.367488569	
2596261	FNT1	NM_0212482	484.5203667	263.1124	296.0334	90.96412	0.001023347	0.435139698	0.583931252	0.583931252	0.444912764	
2809245	ITGA2	NM_020182	511.1985333	408.7182	481.6174333	22.86823667	0.00157892	0.514697095	0.579096732	0.579096732	0.474821613	
3359121	INS-IGF2	NM_003512	644.8593333	408.7182	211.4853	106.41314	0.011766539	0.633813196	0.545210667	0.545210667	0.503170386	
2902958	C4A	NM_007293	169.1377	102.2656667	371.3725333	200.7478667	0.00762671	0.604629581	0.406823099	0.406823099	0.552720088	
2792647	SPOCK3	NM_01040159	100.91372	47.18798667	47.1718667	26.37424667	0.007340673	0.467607246	0.406823099	0.406823099	0.574946768	
2671767	TMEM158	NM_015444	1299.372	784.4543	435.7117333	252.2868667	0.00470561	0.603718027	0.657563705	0.657563705	0.57902243	
2722823	PCDH7	NM_032456	225.5309667	144.7101667	68.44395667	41.56173	0.006062613	0.641642116	0.507385638	0.507385638	0.607237396	
2525533	MAP2	NM_002374	813.3408333	533.2041667	384.3856	127.85992	0.02806039	0.79257878	0.472600888	0.472600888	0.613580967	
2604390	ARL4C	NM_005737	744.0473667	341.1064333	169.9632	107.3822367	0.00483657	0.45844989	0.496747765	0.496747765	0.631796981	
2956227	PLA2G7	NM_005084	161.7152333	96.8171	196.3321	145.6167333	0.00400025	0.598888906	0.580156765	0.580156765	0.741668614	
3933205	RIPK4	NM_020639	371.155	211.6574333	163.7095	129.4937667	0.002506058	0.525014246	0.596531032	0.596531032	0.790997264	
2717253	SORCS2	NM_020777	602.4069333	350.8909333	372.4701333	31.49904667	0.00206303	0.570268989	0.621130884	0.621130884	0.81773866	
4004683	SRPX	NM_066307	203.2458	110.8310667	240.3374667	197.7218333	0.00507322	0.582481565	0.618303198	0.618303198	0.822684187	
2635119	BOC	NM_033294	205.9501667	127.7239667	96.34456333	44.76146667	0.00939985	0.544321736	0.474029747	0.474029747	0.850457328	
2496382	GLIS3	NM_001042413	559.6496333	307.8698333	133.9775333	35.24609533	0.0069243	0.62016928	0.650242413	0.650242413	0.86890386	
3197140	NLS2	NM_002518	97.806236	52.10234333	300.1067667	748.9140667	0.001397196	0.55011174	0.536240442	0.536240442	0.927116907	
3485674	CENAI1	NM_003914	487.414	300.2176667	25.95629667	24.09174333	0.021568537	0.532709699	0.534995363	0.534995363	0.928165664	
2956052	TNFRSF21	NM_014452	487.414	300.2176667	882.3640333	825.4434	0.009230454	0.371677427	0.615939769	0.615939769	0.93549076	
2850071	LOC728937	NM_001093731	481.5520667	251.1992667	247.4775333	361.3514333	0.00257082	0.521643004	0.521643004	0.521643004	0.947547483	
2862696	ENC1	NM_003633	688.7651667	432.1909	570.9967333	548.0827333	0.00597693	0.487829171	0.627468362	0.627468362	0.959870173	
2895792	RNF182	NM_152737	520.2677667	253.8323	237.233	181.6425667	0.002146969	0.487869053	0.455964978	0.455964978	0.9700788	
3661684	MMP2	NM_004530	246.1194	130.7645333	143.5163333	12.73353333	0.00290047	0.863427425	0.531305266	0.531305266	0.979979462	
3812864	CBLN2	NM_182511	201.5427	108.9296767	119.6917	58.45228333	0.002297359	0.540479396	0.593877625	0.593877625	0.994940519	
3516639	PCDH9	NM_203487	159.0190667	67.62086	53.49757667	12.76895733	0.00422288	0.985703823	0.425237435	0.425237435	1.013869147	
3740367	SLC43A2	NM_152346	325.141	203.6785	181.1472333	191.0872333	0.00067431	0.7575652	0.626431302	0.626431302	1.054872491	

3222170	TNC	NM_002160	218.6368667	114.15821	106.9529733	22.2962867	23.90738667	0.000913584	0.760782978	0.522138142	0.489180873	1.0722327
2895113	SLOCA1	NM_005630	130.1535	67.48990667	69.71934667	22.7893833	24.57744333	0.006503191	0.753025041	0.518540851	0.536131158	1.078450754
3406329	PTPRO	NM_030667	255.9094	89.57457667	61.31865	11.1336933	12.84561	0.000335554	0.303415886	0.350024566	0.239610776	1.153772848
282947	TGFB1	NM_001358	2061.506667	936.1842	957.7075	6.331649333	11.83986833	0.000167098	0.367849384	0.454126205	0.464566673	1.869950105
2574720	CYP27C1	NM_001001665	110.3334667	78.98166333	69.70608333	14.67994267	5.110755333	0.002162577	0.204673703	0.715845026	0.631776427	0.348145456
3059464	SEMA3A	NM_006080	558.9769	433.5526333	326.6197	635.9800667	260.6354667	0.014505472	0.035689212	0.775618158	0.584316891	0.409817037
3557209	SCTA8	NM_012244	6.571654	7.788825667	2.07696417	328.7941667	154.7721667	0.067162996	0.00697231	1.184911084	0.316048923	0.47072662
3382216	ARRB1	NM_020251	123.7701667	111.3780233	76.43889667	554.82	288.6017	0.008062784	0.00302654	0.899877784	0.617595489	0.520171767
2336271	BTF3L4	NM_152265	1331.692667	1032.483533	869.4103	1142.896	600.1515333	0.05716911	0.02902471	0.775316677	0.652861071	0.525114738
3905145	TGM2	NM_04613	1186.057333	840.8734667	756.543	434.0593	228.4804	0.006501113	0.014353159	0.708965278	0.637863768	0.526380612
3959393	SEMA3E	NM_012431	442.4697667	313.6468333	173.8761333	28.1300533	14.81011667	0.01468007	0.056588866	0.708854835	0.392867263	0.52648733
3019793	FOXP2	NM_148899	230.967667	189.4682667	138.0986667	89.04557333	48.77205	0.030700439	0.04627073	0.863544722	0.597861387	0.547720096
2820394	NRP2	NM_005654	807.5661667	639.9399333	463.6768667	3184.31	1746.777333	0.001394532	0.00017355	0.791761666	0.574165791	0.548557563
2866225	MEF2C	NM_002387	745.0244667	541.26	465.4897	209.0163333	116.1454167	0.01569391	0.034330532	0.726499631	0.62479787	0.556676271
3771675	ST6GALNAC2	NM_006456	258.8280667	191.0890667	162.9981	260.0148333	151.16915	0.005121564	0.073095874	0.738285724	0.629754347	0.563395563
3570369	C14orf49	NM_152892	111.1214333	86.89422667	66.20767	65.9731333	38.22857333	0.05861939	0.094460894	0.7615975394	0.613812007	0.594565976
3197014	GLIS3	NM_001042413	415.2152	295.3951333	237.2843333	47.2527667	29.43880667	0.00160421	0.029475262	0.615086185	0.571474342	0.623014827
3288864	MMP14	NM_004895	427.4477667	352.7905667	270.6642333	101.9168967	164.1551	0.009813712	0.007368684	0.764202477	0.664496462	0.639204768
3219215	KLF4	NM_004235	1375.579333	1051.2211333	914.0676	211.1301	134.9553867	0.004046283	0.068393745	0.825341935	0.63210077	0.6789937908
3197805	LAMC3	NM_006059	165.8772333	155.5431	101.9168967	356.5491	112.8083333	0.012945818	0.008338532	0.93770011	0.614411602	0.687205779
3876245	SNRP25	NM_003081	516.3713667	405.9978	336.9129	17.25732667	12.28169033	0.025030904	0.37446059	0.786251574	0.652462388	0.711679773
2813060	PIKR1	NM_181523	331.5156667	265.4259	202.4750667	241.3583	171.9380667	0.00893512	0.041260057	0.80064361	0.610755651	0.712368569
3924144	COL18A1	NM_030582	731.7464	572.6400667	477.9356	577.1851	437.6375333	0.00778519	0.016647965	0.782577224	0.653143767	0.758227358
3252036	PLAU	NM_002658	1445.734	1180.461333	906.9892	562.7385	429.8481	0.029047327	0.0031483	0.816513503	0.627341682	0.763850527
3667508	CALB2	NM_001740	572.6165	443.5320667	356.7119667	307.0671	233.6014	0.031730154	0.102048336	0.774570881	0.622950905	0.6762263572
2371139	LAMC2	NM_005562	309.2285333	251.3721333	197.2797667	281.3433	218.5631667	0.007219305	0.013970133	0.812900836	0.637974008	0.776855773
3020273	CAV2	NM_001233	1018.827833	935.0961	570.2764333	1154.128	903.4968333	0.007219305	0.048196258	0.91781562	0.559737784	0.782839367
3104698	ZBTB10	NM_023929	1132.918	1120.4276	716.6969667	670.2129333	525.2866333	0.007219305	0.048196258	0.91781562	0.559737784	0.782839367
2694817	PLXND1	NM_015103	302.7393667	258.94	186.0254333	511.1508667	401.5834333	0.004784316	0.08019976	0.988975018	0.632611422	0.783760813
3489543	KLF5	NM_001730	200.9601333	246.5706667	175.9684	1192.85333	945.2319667	0.004784316	0.004784316	0.855323187	0.61447388	0.785645608
2872047	SEMA6A	NM_020796	139.1142667	96.56474	86.5076667	204.6797	163.4626667	0.002432002	0.056774027	0.694139734	0.621848202	0.798626667
4024160	ATP11C	NM_173684	146.9611	113.6325667	95.95152	303.3618	234.7177	0.02821353	0.13184775	0.77321527	0.380723334	0.639894531
2558612	TGFA	NM_003236	596.2411333	399.7961	364.3066	763.6052667	649.7728	0.001859399	0.022904788	0.670477224	0.61100548	0.850927604
3118818	PTP4A3	NM_032611	827.7528	657.177667	446.2702333	125.3475667	106.97086	0.000548158	0.1743339236	0.7893922735	0.539134671	0.853393699

2837970	ADRA1B	291.7413667	263.6061	44.14450333	0.021015519	0.006801138	0.564625636	0.730522923	0.66007197	0.862001543
3346548	BIRC3	1269.287667	914.7804333	111.7198667	0.045218921	0.006618937	0.288327633	0.789844472	0.575591476	0.867848541
2413203	LRP8	636.6717333	397.2856333	995.9676667	0.223410366	0.007682925	0.098973096	0.896203339	0.624003882	0.901433447
2829905	FBXL21	185.7063667	138.7140333	19.83086667	18.0224	0.004967454	0.734682443	0.746953569	0.639386992	0.908805465
3453436	--	116.6145667	92.50259333	70.86168	0.174078961	0.00884505	0.875268536	0.793233607	0.607657191	0.934730005
3563861	CDKL1	104.6137267	61.37692667	50.84972	0.07317034	0.008844505	0.724832249	0.811365194	0.586700509	0.938376239
3464984	ATP2B1	891.3331667	765.3830333	578.8555333	0.274072296	0.005155591	0.408863536	0.683187204	0.586649206	0.945198301
2962383	FAM46A	823.8147333	622.0036	424.2365	0.12457536	0.003833315	0.472789626	0.617481714	0.586649206	0.945198301
3920443	ICAM1	726.1438667	614.4968333	46.45809	0.020479703	0.000679009	0.775809432	0.755028497	0.617481714	0.947785178
2437801	ARHGFB2	1167.559667	717.7422667	382.4822333	0.034664827	0.000223445	0.744136725	0.846246676	0.608235301	0.949331107
3875899	STK35	470.9177	495.6063333	540.6244	0.034156285	0.008923687	0.777052892	0.810694909	0.614737646	0.969433003
3952133	CACNA1A	346.4695	278.4333667	44.3180233	0.063290601	0.008623674	0.995684895	1.052428641	0.654780372	0.974266114
3980758	MED12	1496.321	990.648	592.574667	0.57687613	0.001813809	0.995684895	0.803647555	0.661671807	0.998680823
2947283	ZSCAN12	163.2487667	101.8398667	32.2943033	0.001368027	0.001368027	0.247526032	0.969866092	0.662055802	1.085189324
3560789	CRB	1104.555	1034.386033	164.8262	0.678470814	0.003608873	0.772183634	0.942101895	0.587879819	1.092083468
3106539	OTUD8B	442.0267	402.524667	21.27	0.122779817	0.006808873	0.117395618	0.936473089	0.587363795	1.148617382
3493304	IP08	292.8318	217.1988667	286.5913333	0.486013605	0.006225637	0.158066817	0.910627043	0.566136163	1.162981351
3824983	GDF15	319.4541	163.0903333	2502.272667	0.284654015	0.007885199	0.216441684	0.892198052	0.661759632	1.16706274
3128046	STC1	975.8721333	739.7972333	8.56606	0.430414213	0.024549461	0.00109413	1.0782826	0.647619241	1.207399114
2705164	EIF5A2	768.8046667	739.7242	32.98249333	0.62031862	0.00882107	0.019832855	1.045895262	0.533959047	1.213312465
3117384	KHDRBS3	282.0699667	158.8512	85.27816333	0.039834488	0.003485281	0.600555443	0.866275056	0.656712973	1.345858617
3407629	SLOC1B3	186.1006667	158.8512	262.2158	0.000647169	0.00161337	0.368318524	0.676806177	0.651205605	1.40048741
2783715	MAD2L1	72.68969333	46.5347134	174.7399333	0.667647244	0.000837805	0.156208856	1.076345715	0.562834351	1.430332558
3299469	ANKRD22	7.159238	4.746614	104.8150867	0.301272956	0.027984413	0.007479048	0.665658465	0.567475207	1.501546438
2334602	TSPAN1	162.3902333	104.97699	703.9752333	0.704662766	0.01399369	0.001399369	0.924739178	0.590814369	2.360064547
4017381	TSC22D3	5.070652433	126.3399	703.9752333	0.454231515	0.556709007	0.002258342	0.663005476	0.746885912	0.414911054
3498502	TM6SF2	1623.165667	1011.871333	280.1573333	0.001580348	0.086401807	0.001617715	0.646448914	0.778001838	0.417655223
3577078	LCNN	982.7028333	598.1769	1853.474667	0.131307996	0.066075211	0.007687445	0.432364246	0.809755844	0.431734668
2817276	--	532.8199333	502.8126	852.2793333	0.016585543	0.982359473	0.001521921	0.623393813	0.997811478	0.522740802
2460383	EPAS1	103.36612	66.10095667	960.3657333	0.002639691	0.960653843	1.17701E+05	0.608705909	1.006444879	0.523829897
3250699	EIF4EBP2	1789.623667	115.4455667	1660.236333	0.001631885	0.473235186	0.002297926	0.658881631	0.943682037	0.524522653
3451375	PRICKLE1	230.9201333	384.5377667	147.9681333	0.242013267	0.005386359	0.004633139	0.639463775	1.116860792	0.566016099
					0.007908371	0.239999356	0.04633139	0.638614338	1.095071385	0.618379567
					0.00152673	0.793714219	0.037156519	0.591551752	0.965076488	0.629039631

3260573	NEBL	17.61963667	6.046623533	12.209225	288.7148667	169.5507	0.041381599	0.112823772	0.008868651	0.34328778	0.692932847	0.630968811
3666829	BCKDK	935.6174667	579.7491667	920.6178333	372.0804	995.0163	0.000583	0.79917019	0.004561431	0.619642308	0.963968199	0.669821566
3588458	THBS1	565.6783667	372.0804	875.1219333	307.4273333	211.0541	0.006391888	0.023040907	0.01104805	0.65759642	1.547030936	0.668516137
2897899	SOX4	694.2649	454.2626	506.0147333	148.0091	1142.422	3.34691E-06	0.007866803	0.22314604	0.728949656	0.728949656	0.77180298
3605395	ADAMTSL3	202.7875	114.778	147.3604333	25.01759667	19.31435333	0.006427008	0.019917083	0.263472593	0.664307311	0.726674146	0.772030727
2919669	PRDM1	156.5645667	77.20905667	108.2998	74.5378333	60.09689	0.00163123	0.010007487	0.166059595	0.49314515	0.891726119	0.806282396
2356218	ITGA10	120.1475667	69.42580667	97.80632	39.57418	31.98892933	0.006695254	0.032605884	0.659906121	0.577837809	0.814051609	0.808580982
3381817	UCP2	696.5796	421.9614	614.4814333	265.500667	246.8294	0.000922094	0.021783983	0.32330447	0.606632799	0.883409222	0.929659848
3405748	EMP1	808.7051333	502.5505	812.2218333	200.550333	201.0626667	0.00697272	0.943506442	0.982699637	0.621426128	1.004346557	1.002531142
3356539	HNT	348.2755333	559.3778	525.0090333	33.51448667	39.87019333	0.011621672	0.002913222	0.168763843	1.606135793	1.507453103	1.189640579
3944210	RASD2	38.57482667	45.17907	41.40514667	106.23664	40.76633333	0.1262099	0.141087696	0.006863102	1.015764609	1.657475493	0.383731749
3598758	SMAD6	3415.744	219.5591667	58.95056333	291.7090333	119.2459733	0.004335986	0.004335986	0.003852338	1.17120604	1.528215638	0.408788162
3457444	IGFBP6	195.0704	222.0590667	339.1638667	448.1323333	647.1280333	0.305159133	0.004335986	0.003852338	1.124507699	1.738698781	1.444055662
3980745	FOXQ4	145.6121333	222.0590667	204.8406	197.7671667	143.9743	0.002675882	0.003242769	0.035816019	1.52501005	1.406759023	0.728013727
3315675	IFTM1	121.0883	98.47738333	107.1775967	900.3604333	173.6616	0.046173715	0.343802188	0.000128713	0.813262471	0.885112034	0.192888311
2855285	SEPP1	83.71607667	73.87460667	73.87460667	149.3741	31.18675333	0.287451939	0.433409849	0.001132123	0.847417208	0.85575469	0.206006343
2806643	SLC1A3	109.5424667	103.6845	86.07141333	126.927	273.1364667	0.989335376	0.083673052	0.001066378	0.988485277	0.712249296	0.21541971
3331365	SERPING1	11.76198133	8.976117	11.722592	396.6915333	117.0294667	0.499165255	0.985279001	0.004148906	0.76314668	0.785735721	0.295013775
2835676	SYNPO	112.0924333	135.7651333	127.0086333	492.1945333	152.2579667	0.223438299	0.3585358186	0.001100971	1.211189099	0.986651131	0.309345099
3939875	SUSD2	21.2191333	18.28305667	23.99364333	756.2132	244.1474667	0.696024434	0.826240305	0.00204347	0.861790717	1.02683486	0.322855336
3600283	THSD4	427.9523333	333.8584	441.3024333	453.5152667	150.6131333	0.008624434	0.402140008	0.002191058	0.780166635	1.031243491	0.332101573
3395464	ABCC	444.8363333	350.3691333	365.7469333	127.3512667	43.23187333	0.053426756	0.070847674	0.09726306	0.878636052	0.82220562	0.33946952
3726691	ASCC3	346.5289667	283.6425333	292.3334667	894.6201667	315.4284667	0.029143291	0.050686467	0.001788817	0.818524743	0.843604705	0.35258144
2578790	LRP1B	101.99751	80.2427	85.44209333	645.5119	228.7215	0.064828465	0.212357444	0.003045329	0.766712342	0.837688031	0.354325768
3432438	OAS1	35.56055667	32.1226	26.60564	118.4152333	44.69931333	0.537104317	0.105293973	0.003213534	0.903321067	0.748178389	0.377479418
3061438	SAMD9	139.0402667	194.9806333	165.4421333	288.902667	110.8722767	0.077687199	0.204340543	0.005158816	1.40233213	1.333729701	0.383770878
3837257	CSAR1	64.28182	57.26585333	57.26585333	347.5616333	133.6199	0.717840946	0.882657333	0.000770974	1.094989899	0.975478463	0.384449511
2974330	CTGF	1458.807667	116.7148333	1458.807667	116.7148333	47.00521667	0.094636008	0.171981468	0.007393699	1.169083694	1.180770465	0.402735585
3414739	METTL7A	40.85589667	37.34641333	42.74636	232.9671667	84.2840667	0.619174426	0.758003372	0.001607697	0.914100935	1.046271483	0.404711136
2397217	C16orf175	82.33467667	85.90051	56.29803333	216.1178	87.96736333	0.7319364	0.028427069	0.00031189	1.043039001	0.683778625	0.407034327
2516286	IGCAP2	184.7655333	181.08001	185.4131667	127.2289533	52.22140333	0.834013003	0.983036291	0.002358378	0.980053489	1.003505163	0.410255564
2794584	GNM6A	320.3099667	328.5228333	333.9062	184.8606667	75.98529	0.816288379	0.648227167	0.005390737	1.025477095	1.042281116	0.411027756
3479438	CHFR	468.7440333	341.9891	466.3212667	23.86327333	9.886499113	0.003652335	0.863357158	0.162218479	0.729586033	0.994831365	

3730322	MRC2	NM_006039	638.3884667	545.9710667	484.1977333	288.8970333	107.3671893	0.028914489	0.008341515	0.000531589	0.85523287	0.758468799	0.415030632
3387259	SESN3	NM_144665	163.0613333	185.6118	172.3756667	414.3173333	172.7881333	0.07621824	0.66770297	0.004591573	1.138294384	1.057133308	0.417045592
3610988	IGFIR	NM_000875	288.6713	273.3793333	327.2461	293.8079333	123.0030333	0.458629884	0.194891839	0.00739889	0.947007664	1.133628802	0.418651164
2882098	SPARC	NM_003118	117.06655	91.47101667	82.75497333	273.4963333	114.7741567	0.085918457	0.055975545	0.00466219	0.781359122	0.706905374	0.419655193
3974019	TSPAN7	NM_004615	51.23672	47.4106667	37.26727	321.7113667	135.8441667	0.556735953	0.113974287	0.0093413	0.925431344	0.727354717	0.422254793
3907190	SLPI	NM_003064	30.53186333	23.5306	28.81512333	86.90711	37.14699333	0.327106001	0.657118947	0.007222917	0.770688943	0.943772184	0.427433306
2403261	IF16	NM_022872	700.0444	736.4258667	635.2888667	1472.365333	633.6782333	0.588122197	0.115500108	0.01236172	1.051970227	0.907497963	0.430375269
2638962	DTX3L	NM_138287	274.5271	323.9613333	247.9081333	332.5739	143.2696667	0.405194307	0.605865228	0.003371208	1.180070504	0.903037017	0.43079047
2680591	LRIG1	NM_009667	157.5689667	135.6989667	124.7639333	122.1631667	53.33814667	0.018418286	0.018325235	0.002755009	0.861094336	0.791704749	0.436613982
3445326	GRIN2B	NM_000834	43.15913	44.47841	51.33888	222.3463667	97.18324333	0.793622841	0.13508101	0.020272703	1.030567808	1.189525368	0.437808042
3949293	NCAM1	NM_181351	26.76588333	27.92666333	38.00547	89.32288667	39.10908667	0.832152527	0.442221614	0.002044833	1.043364158	0.9795792405	0.437840465
3190190	LCN2	NM_005564	38.48488	41.13168333	38.00547	151.8502	66.69682333	0.615878633	0.931674409	0.03012889	1.068775148	0.9875429	0.439227761
3549740	SERPINA5	NM_000624	34.81879667	37.99718333	45.90890333	516.8039333	66.69682333	0.562768522	0.658724847	0.007902185	0.921957352	0.958384948	0.442702575
2878943	PCDH1	NM_032420	47.27540333	43.5821	45.90890333	42.99776	235.7192667	0.390091963	0.837018977	0.01939108	0.921957352	0.824900847	0.456037083
2714407	IDUA	NM_000203	324.7426667	295.8282333	267.8805333	412.8822	180.628	0.285454153	0.017488075	0.01180103	0.910555854	0.461700688	0.461700688
3420151	MSRB3	NM_001031679	429.9451	479.3116333	502.8434667	114.1928233	52.86428333	0.130636803	0.134691688	0.003572452	1.115598975	1.170368374	0.462824693
3238516	CAMK1D	NM_153488	115.2506	109.2890667	124.5875	215.8541	100.0195333	0.590437762	0.659393251	0.004054316	0.948273289	1.091013895	0.466366382
3085244	RASA4	NM_006986	162.9070333	174.7144667	125.63702	153.2057	71.53848333	0.441338913	0.17393361	0.005122318	1.07247958	0.771219127	0.466944066
3836289	--	ENST000000324688	116.1154333	134.5094333	117.5932367	96.1785	45.04863867	0.105249755	0.916663775	0.005870815	1.184411328	1.012727019	0.468385727
2452187	LRRN2	NM_006338	391.89993	38.78831667	33.98991333	123.5709333	58.03266	0.863395562	0.619785201	1.08396E-05	0.989752129	0.852002372	0.468630345
3919033	SLC5A3	NM_006833	434.4065	407.5805333	413.6781	1140.530333	539.3094	0.361332261	0.537582961	0.00768051	0.938246657	0.952283403	0.472858445
3250237	HKDC1	NM_025130	55.59331	41.00993333	53.90027	271.6245667	129.7101	0.257279397	0.743156588	0.00303141	0.737677489	0.969545976	0.477534494
2364677	PBX1	NM_002585	58.49206667	55.52021333	59.3285	1453.254	699.4154667	0.762064737	0.954249589	0.01904193	0.949192198	1.014299945	0.481275446
3841102	PRKCG	NM_002739	73.08813667	83.16183333	63.28314667	151.3356667	72.97213333	0.166376869	0.345193391	0.008385092	1.137823279	0.865847038	0.482187729
3353914	LOH1TCRZA	NM_014622	228.2374333	288.8781333	317.3694333	293.4091667	142.1398667	0.080750929	0.109841578	0.000224529	1.265691298	1.390523144	0.484442488
3348790	DIXD1	NM_01037954	163.4591667	119.5268333	191.3793333	190.9711667	92.76050333	0.002294563	0.407926517	0.00843822	0.731233359	1.170798639	0.485730411
2791197	PDGFC	NM_016205	508.4145	474.5762667	422.7656667	449.4958	218.6878333	0.506421703	0.204382155	0.01032799	0.933050231	0.831539357	0.486518079
3049522	TNS3	NM_022748	365.3547	296.6093	321.2255667	417.9394333	203.4718	0.188745961	0.191050198	0.003992408	0.811839289	0.879215641	0.486846348
3610804	IGFIR	NM_000875	648.7995	667.3350333	792.0268333	679.4940333	332.6341333	0.750528258	0.037739464	0.002197453	1.025568897	1.220757466	0.488532089
3671727	ATP2C2	NM_014861	255.3931	219.1649667	259.1102667	433.3035667	213.6378333	0.051302976	0.708924835	0.003340095	0.858145215	0.987145959	0.493042363
3190242	DNM1	NM_001005336	216.6687667	215.5598667	148.1318333	190.5396333	93.97126667	0.842198906	0.002079115	0.008227557	0.89488205	0.683878758	0.493184882
3423622	SYT1	NM_005639	537.3079333	444.2149333	441.1990333	1334.196	660.2637667	0.028613016	0.038919686	0.000361566	0.826741161	0.821128828	0.494682476
2337407	PCSK9	NM_174896	59.88442667	59.01048333	74.52273667	1937.920667	960.0633	0.923663451	0.0534589739	0.000636243	0.985406167	1.244442684	0.495408968
2337716	PRKAA2	NM_006252	313.8620667	254.3446333	271.2309333	246.9040667	123.1171	0.173187044	0.372835359	0.003165516	0.810319099	0.86411733	0.498643468

3282601	MPP7	NM_173466	46.62556333	46.51951333	52.2064	2309.841667	1166.554667	0.975531007	0.34689016	0.000198962	0.987698809	1.119670769	0.505036637
3942141	RPL28	NM_000991	564.9792333	718.4253333	707.8394	1081.9041	547.1678667	0.167561474	0.063184857	0.004415178	1.271603008	1.252859146	0.505745257
3989273	CASP4	NM_033306	403.8764	567.0905333	509.2194667	138.7194333	70.38028667	0.000140129	0.064932175	0.003930468	1.404119016	1.260829663	0.507360161
3442812	FLJ0650	NM_153449	667.6755667	635.0922333	616.0778333	179.5477	91.47066	0.527365172	2.01298E-05	2.01298E-05	0.951198853	0.922720351	0.509452455
2824902	SLC2A14	NM_173800	171.7697333	194.0053667	184.0677	45.04677	23.01699667	0.474157984	0.541464887	0.007189094	1.071595656	1.071595656	0.510957759
3282519	ARMC4	NM_018076	248.9241	268.3971667	275.5471	567.9875	290.3533667	0.554692028	0.190002271	0.001154558	1.078228933	1.106895228	0.511187755
3261923	AS3MT	NM_020682	38.21834333	40.39572333	39.92115	126.0323333	64.96401667	0.647256465	0.351544823	0.00649258	1.066972119	1.0445454696	0.5115455161
2325479	RCAN3	NM_013441	317.2834667	230.2191333	270.2679333	336.3763333	173.6545333	0.100640002	0.314883012	0.003389738	0.725594484	0.851818521	0.516247628
3188883	OLFML2A	NM_182487	127.8752333	106.8394433	108.7223	116.3963	56.09491667	0.178764051	0.043889012	0.003389738	0.835489723	0.717901408	0.519055338
3861413	MAP4K1	NM_001042600	92.09806667	90.67391333	90.7723	116.3963	60.61301667	0.909802281	0.165621248	0.005698674	0.984536342	1.180505523	0.520746937
3187686	GSN	NM_000177	277.6623	249.3185	241.5244	1244.096667	650.3598	0.058916608	0.09040787	0.00253155	0.897919883	0.869849454	0.522760847
3634811	CTSH	NM_004390	231.5036667	223.0454667	225.6026	728.2656	380.7461667	0.514661151	0.82395534	0.00606697	0.963464078	0.974509835	0.522812236
3162529	C9orf150	NM_203403	306.8167333	384.1884667	213.9488	348.9272	184.6649667	0.042983908	0.009215115	0.000312059	1.252175729	0.697317899	0.529236276
2867242	CHST10	NM_004854	442.1481667	494.4949667	445.8481333	44.4517667	23.64089	0.23015815	0.931455751	0.008705916	1.118391987	1.00838816	0.531832765
3945614	AFOBEC3F	NM_145288	218.6724	222.1928333	214.7726	302.1551667	160.7535	0.81868803	0.888601594	0.062168976	1.016699121	0.982168016	0.532017724
3906631	PREX1	NM_020620	76.50590333	70.5519333	81.7746667	241.0864	128.6989667	0.306070743	0.397234236	0.005040003	0.922135729	1.147161476	0.533829227
3549575	IFZ7	NM_005532	81.7746667	92.5762333	82.54694	163.5634	87.45371	0.438693502	0.741299662	0.007242407	1.152090501	1.009443919	0.534612375
2769492	---	ENS10000381929	375.9545333	353.3323	341.9888333	481.071667	257.4087667	0.638650344	0.349472977	0.003490737	0.939872709	0.909703161	0.535088633
3076932	PARP12	NM_022750	624.9061667	566.530333	532.4484333	478.5667333	256.1254333	0.206958709	0.103816891	0.009011819	0.906592163	0.852045414	0.535190487
3980835	NLGN3	NM_018877	126.9361333	155.9766667	122.0361667	152.262667	81.5865	0.077764844	0.663540978	0.0025109	1.228796424	0.961398173	0.538814674
3339406	FOLR1	NM_016730	65.34156667	63.11688667	58.5597333	252.8112	136.0067333	0.816614703	0.650741046	0.000416224	0.896194204	0.896194204	0.537977484
3565206	BMP4	NM_001202	46.2668	44.00719667	43.6785333	311.3388	1683.625333	0.618991833	0.657457966	0.001992163	0.951161452	0.944057798	0.540248946
2971801	MAN1A1	NM_005907	808.8645	909.4622333	709.6825	1702.228	924.7067333	0.020410217	0.166491984	0.003564284	1.122980737	0.87627313	0.543233182
3008220	CLIP2	NM_003388	328.5469	355.8429333	322.3273	502.2757333	274.6852	0.415669386	0.650259944	0.005698752	1.07979451	0.978092344	0.546881288
3678462	PPL	NM_002705	241.2206333	285.4273	307.2324	588.4396667	305.5451333	0.13326649	0.067755061	0.00310658	1.183262377	1.273652715	0.547143459
2750627	CPE	NM_001873	462.9604	423.506	373.0986333	566.3322667	311.2412333	0.431324831	0.313656052	0.001027862	0.914778024	0.805900101	0.549573548
2495943	PROM2	NM_144707	93.51453667	91.03298333	100.1985833	294.7531	162.0194333	0.785946423	0.307173691	5.66207E-05	0.973463448	1.071476018	0.549678471
3772661	TIMP2	NM_003255	1756.062667	1406.983	1432.375	157.9112	868.8652333	0.051404874	0.054686055	0.002006383	0.801214573	0.815674194	0.549945335
3561039	NFKBIA	NM_020529	709.749	650.2059	654.6589	809.2769667	445.1848	0.374275585	0.065257987	0.001091218	0.916108821	0.795575478	0.551337575
2383989	OBSCN	NM_052843	129.4005333	115.0989667	105.2882767	283.9357	162.7194	0.468871737	0.258478063	0.00617354	0.882569479	0.813430006	0.553688421
3752709	MYO1D	NM_015194	10.73467067	8.241829	10.75245033	111.0563	617.4042667	0.608279352	0.997505759	0.008662828	0.767776605	1.001656284	0.556938084
3946953	PPARA	NM_005036	121.6809333	154.137333	146.5547333	214.6216333	119.3989333	0.084694483	0.153208589	0.008317942	1.266598977	1.204319248	0.556632163
3947227	---	NM_019106	135.0322667	127.7811	138.8803	315.7207667	175.7403333	0.660164901	0.832371552	0.005358613	0.946300489	1.028497139	0.556632163
2592288	STAT1	NM_007315	889.3026333	941.5202333	820.4393333	1529.5563667	853.6660667	0.562845795	0.253315423	1.38131E-05	1.058717469	0.9228558758	0.558110943

3895152	FAM113A	ENST00000360852	560.3473	567.8879333	588.6095333	289.6122867	161.6682333	0.86671872	0.541202799	0.008852892	1.03457071	1.050436994	0.558223017
3243846	RET		39.25898	49.94997	46.51409667	219.9114867	123.8402	0.218787912	0.407661161	0.00493744	1.289772419	1.184801496	0.56313662
3517793	KLF12		476.7648	404.5443333	387.2657333	355.2788	200.1398	0.062022982	0.057524272	0.002499322	0.848519717	0.812276387	0.563331671
3833777	BCAM		639.8696333	697.8385333	544.5233667	429.3664333	242.4974333	0.013749836	0.002693007	0.043298021	1.080964507	0.850964507	0.564779672
2973694	ARHGAP18		329.3459333	390.2418667	345.2559667	156.6786	888.1827333	0.205775518	0.709534604	0.003579257	1.184899606	1.048307097	0.566882331
3870533	TMCD		131.1936333	111.2173333	123.3116667	152.4914	865.6008333	0.132689593	0.579838501	0.00229527	0.847734227	0.939921119	0.567639115
3997738	ARSD		219.1099	214.9517667	184.5387667	241.0631667	137.0666333	0.726895717	0.448387971	0.002689781	0.981022613	0.842220122	0.568592188
3339971	PLEKHB1		158.0078667	130.2651667	122.88976	567.6361333	324.0590333	0.112679455	0.140775115	0.001354311	0.824422033	0.777807856	0.570892187
2908261	MGC45481		60.63895333	62.67676	67.31883	582.5997	332.6196333	0.782203317	0.448871634	0.00189761	1.110158179	0.77807856	0.570923111
3761164	SKAP1		20.14244333	20.43754667	25.78457	138.6312	79.20524333	0.936742236	0.181498723	0.008020566	1.014650821	1.280111334	0.571337789
3893141	PILP		187.6671333	156.7277333	180.7671333	243.5608333	139.2553667	0.04290805	0.560224561	0.007353986	0.83504783	0.963130131	0.571747784
3986261	RNF128		146.0946667	167.5030333	113.9223333	130.6251	74.69571333	0.102672874	0.150837145	0.003241487	0.735845297	0.779783656	0.571832774
3787855	LIPG		20.11436667	16.47963333	17.77683667	211.9032	121.2015333	0.338593913	0.528915703	0.008405053	0.893788039	0.883788039	0.571966508
2830881	EGF1		444.9185333	319.0811	480.1949333	1591.7573333	870.4294333	0.018258429	0.096204346	0.008371444	1.076987324	1.076987324	0.571986843
3457686	USP52		582.8026	691.0630333	752.1188333	759.7353333	434.7347667	0.036168473	0.028685062	0.007743951	1.185758323	1.280520886	0.572218702
3896034	RASPF2		107.3531333	94.22703333	73.6894333	187.4717	107.7201367	0.116972464	0.080487923	0.009956593	0.877723688	0.686472216	0.574394121
3770512	---		126.6543	125.3819333	117.6266667	496.575	286.6944333	0.981275643	0.40482895	0.002152632	0.967632413	0.936113342	0.575027686
2903285	PSMB9	ENST00000389812	462.2095667	450.8205333	370.5073667	419.7549	242.0241667	0.74189916	0.017431823	0.002028819	0.975359589	0.801600385	0.576584494
2822215	PAM		579.7661333	558.3409	484.9872	687.5115667	397.2204	0.847161248	0.330591934	0.003624905	0.963011821	1.19574472	0.577765407
2707876	LAMP3		428.9275333	555.0931667	512.8878333	159.0955	91.98105	0.142077086	0.123487296	0.007634974	1.284142072	1.19574472	0.578148916
2342738	ST6GALNAC3		153.6075333	177.1960333	159.4523667	104.1456333	60.51378333	0.353817091	0.594490656	0.003595308	1.038050434	1.038050434	0.581049646
3323891	GAS2		62.50282333	66.27232667	56.75964333	68.3127	38.74088333	0.329490557	0.318758196	0.006972749	0.908113271	0.908113271	0.581710647
3432090	ALDH2		255.4478	319.5641333	297.1948333	931.6906333	542.4393667	0.039877814	0.122808398	0.002392697	1.250995833	1.163426866	0.582209746
2885304	PROS1		506.4508667	588.1351333	448.9420333	364.9378667	212.6198333	0.27805285	0.117041689	0.00284462	1.161287643	0.896447359	0.582261927
2427898	OVGP1		95.74062667	118.5042267	110.3464	529.0505333	309.2031333	0.14908019	0.255760149	0.002877148	1.237763223	1.152555648	0.584449148
3651478	ACSM3		12.67373733	12.65428333	12.56549033	315.6676667	185.0179	0.998279711	0.980506539	0.000222281	0.988465015	0.991458952	0.586116095
3626555	ADAM10		818.4774667	864.1103333	789.8492333	1147.847333	674.7270667	0.632924282	0.78263913	0.004242444	0.965022576	0.965022576	0.587819518
3971806	SAT1		125.4305667	131.0967333	145.8979333	316.0165	281.0.548667	0.225209032	0.03426773	0.000632292	1.028437842	0.799374196	0.588463942
3272566	KND1C1		824.4829333	747.725667	770.9748	4767.974667	186.4978667	0.493168417	0.111263732	0.003411123	1.045173731	1.183178865	0.590152624
3352948	SORL1		81.41809667	79.47251667	690.6046667	407.6371667	407.6371667	0.197463531	0.488286358	0.003705274	0.906595924	0.935100881	0.590251069
3840039	C3		172.8907333	176.8624667	176.3481667	175.0735333	103.5894	0.876612568	0.746630789	0.00622394	1.049104123	1.049104123	0.5916891065
3764527	---		131.5395333	122.9746333	159.2032667	256.3452	223.2316333	0.788644745	0.845936927	0.008079412	1.019897794	1.019897794	0.592970191
3457101	ITGA7						152.3940333	0.069521975	0.171712588	0.000152421	0.934887296	1.21030737	0.594487563

2408681	HIVEP3	201.2461333	151.3898	324.0115687	192.8433333	0.0059506628	0.059410652	0.10681443	0.753484291	0.752261907	0.595174226
3188111	PTGS1	78.12813333	64.84482	191.9022	114.52305	0.551533703	0.228623065	0.004158971	0.931833907	0.829980408	0.596778203
3867458	PLEKH4A	101.2085433	87.24977	238.394667	142.2869	0.263800584	0.928185139	0.0065055	0.862079101	1.016342527	0.5968854877
3870361	NLRP12	82.96983	88.61109667	105.5706267	63.04979333	0.804514613	0.789198006	0.066228754	0.953116669	1.055668991	0.59722856
3865223	TRAPPC6A	211.9057333	248.3649	172.4913667	103.02792	0.199600629	0.178133214	0.06367502	1.172053706	1.231276738	0.59723198
3183604	ZNF462	1019.830867	753.8251667	1036.2505	301.1868333	180.6598667	0.007281651	0.050815966	0.739166847	1.016100349	0.598826575
2814756	MAP1B	1009.698667	938.6587	841.3381	379.9445	0.1783389	0.1783389	0.03088176	0.929642408	0.833254641	0.601454774
3007960	CLDN4	44.45646667	43.47786667	196.184	228.5194333	0.293266915	0.869744702	0.002194282	1.015385388	0.601991158	0.601991158
2447877	FAM129A	1367.741333	1380.904333	3003.351667	181.010333	0.756013892	0.869744702	0.002194282	0.929642408	1.015385388	0.601991158
3016148	SERPINE1	1839.045333	2400.769667	450.8320667	160.5138667	0.911321806	0.557711678	0.006648865	0.952922629	0.602768616	0.602768616
4026798	SIC6A16	283.2408667	320.3545333	237.4044	271.7749333	0.023256037	0.468472656	0.001248167	1.30544344	1.041540212	0.602829642
3867734	SLC6A16	176.2407333	40.81584	439.8714	338.3448667	0.177660568	0.131928257	0.001915413	0.838171422	0.603334872	0.603334872
3813840	ZNF516	41.02171333	213.17	1094.693	249.1120333	0.208404304	0.133682641	0.03584745	1.224330133	1.224330133	0.604063771
3869783	KLK7	18.86197333	19.8654333	422.6032333	256.1892667	0.768211566	0.03911609	0.01577575	1.209477007	1.236117048	0.605097005
3109687	GRHL2	18.86197333	19.8654333	422.6032333	256.1892667	0.768211566	0.03911609	0.01577575	1.209477007	1.236117048	0.605097005
3824372	COL6A1	690.8093	870.573667	1271.960333	771.6016333	0.396287358	0.028989664	0.001694866	0.977284328	1.063352175	0.606614437
3307218	PDLM1	151.7875	124.7654667	607.877667	1554.328667	0.104667211	0.2698950474	0.002469362	0.821974581	1.034880782	0.606819378
3058759	SEMA3C	972.2864	748.0245667	344.7253333	210.122	0.0359903137	0.001851928	0.022476241	0.769345912	0.698466944	0.609534547
3464680	DUSP6	157.0819667	1282.694333	2904.344	1770.841667	0.023581522	0.638641325	0.003682453	0.885744634	0.968800903	0.609721736
2458513	TYMD63A	448.5562	425.4922	541.6823	331.9716333	0.589590079	0.031302527	0.008881475	0.754110559	0.61285302	0.61285302
3393479	FXYD6	80.02404	88.9363667	101.13172	82.22342	0.291161571	0.132831428	0.09063307	1.111370242	1.263766738	0.612881606
2761829	FGFBP1	58.13281333	62.14946	56.24729	1633.057667	0.650962511	0.785287655	0.05261104	0.69094311	0.967565249	0.613309348
3446820	RERG	238.4764	273.1510667	99.6787533	1001.569533	0.134647879	0.47300611	0.09497946	1.08122397	1.08122397	0.614945489
3299585	LIPA	758.0763333	883.4930667	780.1281	1099.105	0.10279477	0.791467435	0.009316139	1.145400831	1.029089111	0.61554025
2396750	FBXO2	726.2552	557.5349333	664.9126	887.9831667	0.006573087	0.113064042	0.005451544	0.915535751	0.915535751	0.618392919
2344393	PRKACB	313.4756	305.7751333	299.2989	2049.398333	0.881800212	0.75748558	0.002642914	0.975435196	0.954775747	0.618808122
2500722	ZC3H6	174.0549	149.550333	123.1902667	1268.184333	0.315347705	0.27898839	0.00713346	0.820566001	0.820566001	0.620284855
3737338	RNF213	975.814	1109.300667	881.9049	548.6998	0.161519196	0.768015239	0.08497437	0.976823623	0.622175702	0.622175702
3020302	CAV1	1488.763667	1299.888667	2274.55	1416.363333	0.076597194	0.141878784	0.009139841	0.870152591	0.870152591	0.622700461
3209384	TMEM2	326.0318333	260.3850667	380.016667	2371.699333	0.049116127	0.956395932	0.002158896	0.798648212	0.99075806	0.622794471
3154317	NDRG1	9943347667	81.94262667	105.2516	2510.815333	0.167288372	0.325847156	1.07531E-05	0.824094857	1.056514733	0.624370631
3887452	YPFL3	381.1607333	443.9220333	417.0323333	260.5167667	0.008829532	0.009641988	0.030114666	1.168393925	1.164658357	0.624680964
2956325	DST	892.1506333	986.5463	1014.194533	634.9184	0.507056647	0.259861547	0.006017698	0.839427004	0.839427004	0.62603198



2935536	TULPA	744.3565333	608.0663667	664.2783667	433.5161667	272.0884333	0.06943518	0.172104681	0.00833435	0.81628904	0.892419609	0.627631572
3992408	FHL1	1501.140333	1034.043	1047.340567	385.7266	242.4015333	0.000348309	0.0324481	0.02522944	0.68983833	0.69769664	0.629428357
3851639	MEM159	182.6250667	174.9059667	168.6041	754.434333	475.3314333	0.607374719	0.276419627	0.0013877	0.957732527	0.923225399	0.630050025
3310041	FGFR2	19.66573667	22.27135	28.48275	564.2171667	355.8719	0.441648175	0.432189709	0.007011723	1.132495079	1.448343913	0.630735683
3335571	OVOL1	65.22818667	63.89811333	52.13932	313.4324333	197.7334667	0.848601323	0.136646195	0.009335667	0.979608918	0.79933726	0.630864728
3454006	FMNL3	1422.796	1494.854667	1458.715667	153.3708333	96.82854667	0.128753764	0.369261132	0.02824443	1.050645818	1.025245831	0.631336119
2340529	PDE4B	102.9630667	79.5378667	75.3716667	139.6655333	88.21487667	0.043064942	0.075978828	0.001821141	0.772338344	0.731883935	0.631615221
3721452	FKBP10	2132.278	2082.178333	2093.353667	848.0743	535.7123	0.589714854	0.672268628	0.002842169	0.976504158	0.981745188	0.631680656
2514969	GAD1	174.7881667	204.2986333	155.6684	92.01000667	58.13177	0.428206135	0.12995293	0.007731142	1.16883561	0.890611779	0.631798346
3199207	NFB	836.5979	908.5127667	829.2805333	560.2346667	354.255	0.204195163	0.904889733	0.004669753	1.085961089	0.991253425	0.632333237
3873744	TGM3	92.92603667	86.80433333	108.7253133	150.6386667	95.36927333	0.316113478	0.39462273	0.00684621	0.934122841	1.170019913	0.633099559
2696309	AMOTL2	2091.432	2272.542333	2209.392	945.2756667	598.8977	0.058818311	0.455615306	0.001161083	1.086596329	1.056401547	0.633569361
3666779	NFAT5	1155.762	935.3686667	1023.631333	1619.656667	1026.588467	0.025861506	0.256074251	0.00329656	0.809309068	0.885676578	0.633815045
3643752	BAIP3	74.9850667	70.34455	61.34159667	389.7251333	247.6726	0.639157438	0.129192111	0.000734688	0.938722035	0.818580948	0.635050545
2622859	HEMK1	318.5434	270.9517	312.0843333	408.1631667	280.2306333	0.154113865	0.831816147	0.007616043	0.850595869	0.979723119	0.636006988
2894588	CREB5	236.3628667	271.5699	207.7638667	190.6590333	121.2876	0.146101133	0.321851279	0.003262527	1.168422645	0.879003837	0.636159254
2964139	GABRR2	101.1675833	92.73548333	103.19616	105.11036	67.21047	0.593905766	0.881610146	0.009025019	0.860521855	1.096716007	0.637027786
3421985	KCNMB4	297.1603333	256.9541	310.0123	200.2721	128.0634333	0.100631138	0.721075872	0.008335575	0.864698519	1.043249267	0.638447199
2960955	SLC17A5	1163.724333	927.1718667	1000.642833	721.9388333	462.5419667	0.080301383	0.068723952	0.002271705	0.976729598	0.85986243	0.640695897
3871644	NLRP9	75.46751333	65.33446	81.29268	105.272333	67.45454	0.486572467	0.681096082	0.004827581	0.865729588	1.077187738	0.640732453
3695107	TK2	433.7314667	445.6611333	506.0210333	386.6054667	247.877	0.131775802	0.131775802	0.003716173	1.02750473	1.166668947	0.641162687
2599153	TNS1	36.72804	39.41501333	38.53756333	182.3158	116.9621667	0.578511989	0.71490127	0.004412385	1.073158637	1.04926817	0.641536097
2779756	G3BP2	2547.948333	2219.1719667	2521.948	2489.509333	1597.789333	0.166521938	0.865360026	4.38058E-05	0.87117923	0.989795581	0.641808935
3731543	RGS9	152.2125333	155.8548	173.1649	262.4443333	168.4483333	0.794631934	0.242940759	0.001050675	1.023928822	1.137652046	0.641851141
3113280	DEPDC6	145.2064667	134.6274	127.4744967	375.9212333	241.7811	0.521641458	0.441753341	0.003197733	0.927144659	0.87784433	0.643169575
4017501	TEX13B	88.58748667	92.26036333	113.7728333	144.2155667	92.8524333	0.74705887	0.007623846	0.079374215	1.041460446	1.284299144	0.643843418
3525234	IRS2	19.46714	25.8756667	22.87979667	331.910667	332.0262812	0.332062812	0.692428031	0.002541877	1.329197133	1.175303443	0.644040025
3900091	C20orf74	362.5997667	376.3052	385.6566	526.3486333	339.2293	0.629880534	0.595032296	0.002232795	1.063887281	1.063887281	0.644449545
3933039	TMPRSS2	100.8818633	88.46469333	105.8638067	138.986333	89.64159	0.212097787	0.812164487	0.002549796	0.876913752	1.049389395	0.644993391
3293813	SARDH	84.12347667	82.14235333	86.91551333	230.009333	146.5592	0.847777011	0.837766248	0.002226385	0.976444896	1.033189744	0.645892303
3862445	XYLTI	70.80701333	76.89216	61.74448	233.3519	150.8672	0.537064851	0.343665028	0.005993627	1.060560731	0.87572111	0.646109389
3853588	CYP4F11	13.07013667	18.27635667	12.262742	444.6638667	287.5616333	0.152170109	0.880094317	0.001022256	1.386329423	0.936228997	0.646680766
3497586	MBNL2	248.6250667	206.7652667	255.8882	2525.165333	1633.068333	0.145785348	0.173967087	0.000350944	0.831634836	1.029213198	0.64671739

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3367231	BDNF	545.1696333	478.832867	568.1126	1064.8432	688.7526	0.14477107	0.361106655	0.002444307	0.878319286	1.042083514	0.646811286
3866957	KLK15	83.68655667	76.19122867	62.76618	63.28238333	534.21950333	105.1930333	1064.8432	105.1930333	0.910433675	1.123493989	0.647030516
3152558	FAM84B	78.59666667	62.76618	63.28238333	534.21950333	1064.8432	105.1930333	1064.8432	105.1930333	0.798555295	0.805122795	0.647234007
3334684	TMTSF2	2052.933667	1897.131	214.0722667	157.1743	101.9500867	0.715606847	0.2522032934	0.06075051	0.924107306	1.041074716	0.64847578
2898808	PRSS16	172.5378	181.4120667	568.9226667	157.1743	101.9500867	0.715606847	0.2522032934	0.06075051	1.051433753	1.240726766	0.648643491
3674349	ZNF276	616.2876	595.2018333	106.76837	110.98226	286.7862667	962.2968	0.083068486	0.03595596	0.967355483	0.924645104	0.649983387
3868828	KLK10	116.9912667	183.9233	211.3434667	287.4252667	187.4609333	0.143374398	0.258968486	0.01560614	0.912618292	0.948640041	0.650710843
2438016	PADR6	172.8138667	183.9233	211.3434667	287.4252667	187.4609333	0.143374398	0.258968486	0.01560614	1.064285543	1.222954331	0.652207565
3875642	PLCB1	340.5965333	306.4325	251.2644333	341.7274333	222.8805333	0.316228135	0.091311089	0.003457534	0.899693538	0.737777425	0.652217269
2789056667	DOC2A	278.9056667	111.3274533	106.9157533	325.0602333	669.9795	437.587667	0.007715386	0.004162226	1.14327413	1.165484507	0.653092769
3887363	MXK	121.9048667	111.3274533	106.9157533	325.0602333	669.9795	437.587667	0.007715386	0.004162226	0.913232231	0.877042535	0.653673587
3250373	TSPAN15	3250373	329.7331	329.7331	165.5554333	384.3769333	277.3715	0.136285256	0.04088957	1.103934897	1.241145553	0.653905811
3315607	ATHL1	209.4988667	144.3392667	977.775667	1166.472667	763.1616333	0.570302036	0.002377924	0.00584531	0.689373974	0.742512052	0.654026131
2870047	LAMB2	1183.607667	1234.54	300.2594333	315.7144667	206.7216333	0.770494726	0.234974431	0.007661424	1.043031432	0.826099386	0.654247305
2867809	OSBP110	375.3745	359.5582667	111.3274533	315.7144667	206.7216333	0.770494726	0.234974431	0.007661424	0.957865456	0.879813182	0.654778177
3457752	STAT2	591.7152667	679.1753333	721.917667	631.9851333	414.7206	0.052134851	0.245034483	0.006023786	1.148762821	1.220032349	0.656219234
3866491	MEIS3	98.98616667	109.6595933	114.2806167	299.2170333	196.4082667	0.347839307	0.524031387	0.005867169	1.107617355	1.017696691	0.656407373
3866753	KLK5	180.2388667	164.2302667	183.4286	206.9665333	135.86814	0.45645773	0.250031387	0.00382703	0.988371244	0.946574784	0.656653903
3445908	EPF8	1103.867	1091.0304	644.987667	1545.197667	1016.1299333	0.872065315	0.306141331	0.001979462	0.799346936	1.050501962	0.657604755
3127818	LOXL2	806.8934	644.987667	847.8431	793.4930333	522.0387333	0.17252475	0.470024588	0.004688632	0.836891526	0.918300669	0.658566185
2463482	OPN3	83.85374667	70.17649	77.00295333	233.2328	153.6039	0.297377402	0.328875955	0.001441259	0.938417629	0.89209765	0.658633415
2955989	GPR110	64.0769667	53.71884	57.15821	751.4333	494.9641667	0.077101632	0.178444221	0.030371692	0.977102158	0.849804076	0.658850347
3487095	DGKH	214.0027	209.1025	181.8603667	149.0832333	98.22354	0.795169443	0.178444221	0.002611395	1.173417568	1.108243477	0.659216388
3288803	OGDHL	57.61800667	67.61092	63.85566667	277.3759	182.8507333	0.312891315	0.52126454	0.008761169	0.914420951	1.002139682	0.660126138
2955673	ENPP5	27.99949333	25.60332333	28.05940333	177.1178667	116.9201333	0.47138766	0.983888194	0.00686097	0.108996856	1.00047907	0.660140654
3665029	CEP3	113.6693333	114.692	113.7202467	295.5630333	195.1132333	0.345513732	0.997444836	0.001036855	1.074013877	1.034961329	0.660294433
3150844	SNTB1	329.6165667	354.0127667	341.1404	152.7512333	100.8607733	0.894175497	0.735230339	0.0106768794	1.019518867	1.03539466	0.660796944
3304012	MGEA5	801.83	919.4327	833.7496667	879.2557667	581.0121667	0.894175497	0.735230339	0.0106768794	1.117374584	1.110231214	0.661193774
2501238	PSD4	43.50467667	48.61102	48.30025	170.2019	112.5364367	0.1849079	0.630563875	0.008566939	0.934391531	1.02342107	0.661292041
3144780	RBM12B	1220.020333	1139.976667	1248.597	1366.934333	903.9421333	0.1849079	0.630563875	0.008566939	0.934391531	1.02342107	0.661292041
3104013	ZFX4	625.7519667	585.8076	604.3783	352.8004667	233.5423	0.615397485	0.736864932	0.006187713	0.936165815	0.965843229	0.661967065
2500815	---	801.3549	643.9733	648.026	505.1058	334.3676667	0.154906752	0.067845363	0.02323694	0.803603616	0.808662928	0.661979504
3757840	STAT3	1489.914333	1296.358	1271.899667	2036.22	1350.07667	0.115305136	0.029707259	0.001817124	0.870088951	0.853673019	0.663031336
2440117	PEX19	650.2255333	444.4230667	570.0010333	378.0912333	250.7264	0.022211967	0.148837381	0.005756597	0.683490641	0.876620502	0.663137301

2864449	SERINC5	NM_178276	341.8562333	319.8505333	322.4401	1326.857333	880.1598667	0.4927703405	0.425761363	0.002732035	0.935098454	0.943258989	0.663341751
3360014	USH1C	NM_153676	63.46517667	77.33398	74.60733667	471.3221667	312.6794	0.126218518	0.404498134	0.003958107	1.218749739	1.175748624	0.663409069
3734966	MYO1B	NM_003867	115.3405333	98.74603	123.0650333	202.4068333	134.4037	0.407420537	0.20575297	0.026093688	0.866128005	1.066971253	0.664027483
3514879	THSD1	NM_018676	168.8952	132.2309333	111.02782	79.37686667	57.11311667	0.040007609	0.006175731	0.171911658	0.665254723	0.719520039	0.790432001
3008938	KIAA1505	NM_020879	139.7675667	121.7366367	94.31124	254.7833333	201.3889	0.399901393	0.064165989	0.08205405	0.870993461	0.674771996	0.79432001
2400518	ECE1	NM_001397	1441.992333	1222.977333	965.71324	855.1754333	832.2494667	0.031894647	0.006520344	0.810227699	0.848116391	0.669720898	0.873191505
2951567	FKBP5	NM_004117	477.2862667	398.2639	263.2319333	337.9330333	341.1451333	0.308138527	0.00275176	0.869256173	0.834434024	0.551517929	1.009505138
2640579	PLXNA1	NM_032242	1144.208667	892.6655667	771.1807333	372.7291	387.3881667	0.006952919	0.00275176	0.525818831	0.780159767	0.673986097	1.03932901
2877508	HSPA9	NM_004134	2481.435667	2508.291667	1673.680667	1491.620333	1709.221	0.909021771	0.007593176	0.010377732	0.674480781	0.674480781	1.45882073
3824874	IF30	NM_006332	722.4956	583.4375333	485.0323667	1647.391667	1955.270333	0.025081427	0.00726321	0.08628669	0.807530916	0.671329163	1.186895771
3740988	TSR1	NM_018128	633.5822	558.2234	425.435	401.4371333	540.7576333	0.345356377	0.058919436	0.09112003	0.881059159	0.671475619	1.347054342
3329886	PTPMT1	NM_175732	393.1316333	420.715	411.8080333	277.6970333	418.11757	0.008804308	0.730450714	0.007309684	1.070163183	1.047506734	1.508870246
3950872	NCAPH2	NM_152299	380.8947	395.104333	380.5783667	389.3757	587.5232333	0.349635764	0.984233392	0.03116102	0.999169499	0.999169499	1.508885206
2332144	CTPS	NM_001905	1209.571667	1166.517233	956.1332333	578.0626	872.9217	0.678249815	0.049218454	0.05713444	0.984405273	0.790472578	1.510081607
3862280	NDUFA6	NM_020490	1105.914	1189.638	1205.681333	682.1001	1030.205	0.199434858	0.333166846	0.07531701	1.075886552	1.09021256	1.510342837
3871576	FIZ1	NM_032636	154.4547667	166.5662333	161.5022333	151.6793667	142.5063667	0.493102195	0.071522158	0.082626154	1.078556764	1.04862803	1.511286651
3796832	BAD	NM_004322	336.2186667	321.7975	350.0317667	223.8799333	229.2881667	0.272542372	0.26563091	0.002940538	0.956998805	1.142501421	1.512923147
3549220	---	ENST00000013070	740.9343667	825.8232867	484.5165667	151.6793667	338.7131333	0.250502486	0.362126324	0.08221812	1.142501421	1.142501421	1.512923147
3472468	RBM19	NM_016196	473.0012333	506.4876333	481.4263333	251.0522667	379.8838667	0.385774228	0.907389912	0.004531584	1.070795587	1.017812004	1.513166448
3354731	E124	NM_004879	757.8100667	832.3495667	904.0811333	634.1707	960.4220333	0.161185382	0.175819751	0.000757917	1.038836178	1.19301811	1.514453495
3746040	ELAC2	NM_018127	793.5988333	824.4369333	805.5030333	795.9306667	1206.034667	0.563010448	0.85713632	0.007683599	1.038836178	1.015000274	1.51525091
3408493	DERA	NM_015954	722.8286667	770.756	763.2621333	206.8948667	313.5566	0.41605746	0.593277574	0.07909275	1.066305247	1.05837829	1.51553591
3337747	PSMA3	NM_002788	681.2146333	693.5161	656.7652333	457.6986667	693.827	0.91953216	0.841495617	0.08235422	1.018058136	0.964109109	1.515909438
3644220	NDUFB10	NM_004548	679.6593667	651.1565333	705.7188667	369.917667	581.6825667	0.58950639	0.488392864	0.003158632	0.968063061	1.038342001	1.518360811
3619991	NDUFAF1	NM_016013	279.4375333	309.0727667	223.5572333	172.3212333	282.0981333	0.667838639	0.294740015	0.00043593	1.10605316	0.80002579	1.520985709
3441215	---	ENST000000281250	857.9746333	850.6496667	803.4439667	177.8753333	271.4263667	0.89930355	0.396043469	0.01091311	0.991461675	0.936426265	1.525935955
3754227	MYOHD1	NM_025109	508.9632667	499.6865	480.5979	543.7254333	830.5769	0.596601907	0.514765248	0.003153312	0.981715344	0.944212687	1.527566763
2853768	NUP155	NM_153485	1084.959	1073.391	905.4855	418.2439	639.0667667	0.913083348	0.223501903	0.00506711	0.834580385	0.834580385	1.5279763
3157751	SCRIB	NM_182706	672.6769667	746.9814333	666.4819	561.2626667	858.1430333	0.06671971	0.829258364	0.00498222	0.990790428	0.990790428	1.528950309
3716893	ATAD5	NM_024857	237.9018	293.9615333	283.3909	118.0927667	180.5645667	0.159116047	0.326898114	0.008984693	1.235642325	1.191209566	1.529006151
3976670	EBP	NM_006579	479.4687667	568.5203333	567.2414333	554.3817	847.8903333	0.006694027	0.272333773	0.010109032	1.185860193	1.183012977	1.529434203
3852760	NFKB1B	NM_001001716	932.0920333	1006.540333	780.3260333	396.0134	609.0149667	0.0109684723	0.0109684723	0.001717052	0.819393697	0.819393697	1.530136941
2352743	DCLRE1B	NM_022836	206.1664333	212.6097	159.1769	113.4653	173.6943333	0.891823538	0.064274985	0.003991964	0.764586246	0.764586246	1.530544778
2438531	HDFG	NM_004494	1715.615333	1814.598	1540.236333	1051.548333	1610.298333	0.574999711	0.265183016	4.96306E-05	1.0571642681	0.89777487	1.531359313

3653072	PLK1	990.8686333	1070.697	1141.510333	1186.924	0.0597457	0.01570491	0.005479633	1.080542216	1.152006689	1.531659988
3673684	CDT1	667.4799	788.4429333	826.3491	399.4428333	611.8329667	1817.964	0.006295395	1.181223485	1.238013459	1.531715969
2694123	RUVBL1	1056.012333	1010.909333	824.8038	664.3451	1018.096333	611.8329667	0.006295395	0.957328529	0.780866591	1.532481136
3624648	CDC124	680.8296667	748.1784	701.0280667	479.5197333	734.9949333	0.122726215	0.003847258	1.089921561	1.029667332	1.532773069
3722739	GPC3	814.2193333	701.4816667	753.2505667	465.5971667	714.6566667	0.180545842	0.001118399	0.861538947	0.925119972	1.533607322
3654892	L1M4	1817.808667	1863.591333	1923.904333	1727.062333	2649.788	0.319740099	0.001929904	1.025185636	1.058364595	1.534256908
3380996	C11orf51	701.0336	716.5334	800.0316	469.1775	720.1845667	0.736700358	0.001624838	1.022107281	1.14121329	1.534993828
3334125	COX8A	1149.786667	1173.184333	1144.528	808.0796	1240.671667	0.358745361	0.008856874	1.020349572	0.995426398	1.535333483
3932131	DSCR2	867.3158667	946.7090667	830.1537667	450.6505	691.9978333	0.772414632	0.004587352	1.091538969	0.95715275	1.535553235
3895075	IDH3B	1145.802	1210.38333	1197.647667	841.2398333	1291.919667	0.631763322	0.004045054	1.056324158	1.045248365	1.535732874
4015763	GLA	360.3521333	409.8715333	243.6387667	134.8639	207.1678667	0.035681437	0.002682011	1.137411942	1.167360926	1.535991948
2712906	RNF168	293.4656333	329.6625333	329.6625333	452.9603	696.1491667	0.343287307	0.008439612	1.123265575	0.830155118	1.536125432
3259168	KIF11	896.7442	1034.290667	980.7580667	398.4032	196.674333	0.554288303	0.001431953	1.153383614	1.093687661	1.536888747
3377826	RNASEH2C	362.6075	355.9891667	398.4032	196.674333	302.5742333	0.15014705	0.002218894	0.979817479	1.098717484	1.538470287
2545811	PRMG	1662.98	1654.096667	1679.35	989.0716667	1521.720667	0.882886696	0.000271935	0.994658164	1.009843774	1.538533971
2621451	DXK30	953.7275667	1036.206433	841.7441	781.4095667	1202.387667	0.364289626	0.005242826	1.086577596	0.862583361	1.538741932
3421177	NUP107	1229.462333	1467.637	808.1129	736.8248	1136.925333	0.091168896	0.000181564	1.193722622	1.027754138	1.538829413
2398789	SDHB	87.8117	945.3004333	1104.082667	1000.1406	1539.860333	0.353136096	0.004571954	1.076882928	0.920598372	1.539140194
3819600	--	1098.215	1179.545667	1088.215	1179.545667	1000.1406	0.22204494	0.000523408	1.074057144	1.005342913	1.53943859
2393538	WDR8	308.0482667	324.7784333	336.1718	292.5528667	450.527	0.567065446	0.000932426	1.054310212	1.091295866	1.539956465
2673085	CDC25A	317.6105667	259.9373333	375.8665	134.4045667	207.1762	0.086674943	0.002886736	0.818415256	1.183414688	1.541437208
3590388	NUSAP1	1275.407333	1724.646667	1607.7704333	917.6713333	1418.218	0.009485969	0.000554415	1.352232045	1.260541861	1.545453093
2713362	BHD1	2774972333	29.37768333	26.40386	259.563	401.2963333	0.564731251	0.006435799	1.05866581	0.951499937	1.546045982
2620194	ZNF35	176.2469667	186.3052333	134.46226	93.32088333	144.3708667	0.701636408	0.001802657	1.057069162	0.76291957	1.547037078
3625642	ZNF738	355.7047	409.8951333	391.9492	76.31351667	118.0903	0.197834625	0.080034634	1.152346689	1.101894915	1.54743014
3893673	S1C2AARG	556.2839333	478.1715	539.2393333	323.5123333	323.5123333	0.053413214	0.006151876	0.85958172	0.969359892	1.548201467
2334404	NASP	587.6601333	653.8866667	659.7689333	398.8379	618.0564333	0.207555325	0.005192798	1.112317109	1.12266673	1.549643008
3595979	CENB2	736.1095333	862.3748667	819.7693333	403.3331667	627.4336333	0.354284909	0.002159761	1.113661617	1.113661617	1.555621221
2406225	--	1226.688333	1297.964667	1099.561067	897.8756667	1396.864333	0.652113719	0.002369562	0.896366472	0.896366472	1.555742063
3882012	DNMT3B	169.1862333	233.3820667	221.9727	400.2091333	622.9028667	0.042422943	0.008405942	1.379416445	1.311924596	1.558447545
3709861	WDR79	741.4261	730.3835667	683.2662	553.8515333	863.9405333	0.698914525	0.004739489	0.965376111	0.921556713	1.558877479
3393397	CENPJ	156.3574667	161.9903667	165.9424667	215.6941333	336.7175	0.367081221	0.001609252	1.163296246	1.061307837	1.561087892
3493391	C13orf54	178.5604333	192.7144667	173.1104667	188.4194333	294.1975667	0.84461169	0.009471509	1.079267467	0.969478307	1.561405439
2594131	ACAT2	447.7878333	486.5796667	430.1948	183.4867	286.7372	0.588955821	0.001221552	1.086616541	0.96071123	1.56271381

3629243	RBPM52	NM_194272	430.9659333	458.0486333	286.6729333	200.8873	313.9593	0.41147029	0.007467594	0.042127235	1.062841858	0.665186993	1.562862659
378583	CKS2	NM_001827	525.1157	571.9393	559.2053	413.82667	647.5478	0.17871045	0.305139079	0.002286057	1.089168159	1.064916285	1.56477938
257687	SMPD4	NM_017951	911.9325667	967.2663667	897.3053	525.9276667	823.1041667	0.377628195	0.79505725	0.002370756	1.060677513	0.983956855	1.565052038
2954324	MEA1	NM_014623	1095.659333	1099.763033	1170.020667	376.7349333	593.6432	0.961619679	0.34924208	0.00024269	1.003736289	1.067869027	1.565134529
2950798	--	EN_S100000374231	872.8621667	930.3861667	881.012667	396.6198333	621.1894333	0.417413718	0.924718472	0.009551762	1.065878308	1.009318096	1.566208699
3355114	DCFS	NM_014026	561.9481667	586.1139	583.1275667	261.9953667	410.07049	0.332237616	0.702952979	0.001591279	1.043003492	1.037689241	1.567603676
3458133	PRIM1	NM_000946	1572.711333	1721.368	1628.579333	762.2138	1195.485667	0.206994768	0.456450048	0.006136808	1.094522538	1.035523366	1.568438759
3374856	MRPL16	NM_017840	585.4473333	709.6607333	666.5314667	448.0251333	703.1593333	0.04667382	0.40637459	0.000848386	1.212168359	1.138498449	1.569464035
3471224	ATPBD1C	NM_016301	543.9629333	536.657333	473.3247333	342.5522	537.8088667	0.898474509	0.338697337	0.001856855	0.986569673	0.870141519	1.570005584
3017206	PSMC2	NM_002803	508.5304667	546.8471333	505.0115667	305.4678333	479.6163	0.544175099	0.954357595	0.002583653	1.075347829	0.993080257	1.570104108
3828112	CCNE1	NM_001238	278.8325	307.4847667	375.5272	400.4470333	629.3590333	0.073926996	0.056583056	0.020242582	1.102757988	1.34678418	1.571648993
3719210	MGC4172	NM_024308	240.7663667	246.8702333	233.3871	140.7721	221.3582	0.713629481	0.40070581	0.002799838	1.025351824	0.969350924	1.572457895
3743611	GPS2	NM_004489	217.7238667	250.0136333	197.2315	222.872667	351.5360667	0.173512703	0.518670572	0.004551037	1.148306005	0.905879098	1.57729131
3789480	GPS1	NM_212492	1425.231667	1498.604333	1622.709333	1219.246667	1825.823333	0.169146369	0.65207272	0.001902663	1.051481221	1.138559293	1.579519047
4010880	LAS1L	NM_031206	1423.785667	1463.125333	1460.785667	584.0431	923.0927667	0.28456512	0.657671923	0.003133979	1.027823112	1.025979852	1.586521654
3079463	ABCF2	NM_007189	1407.130667	1255.652667	1231.991	932.2851667	1473.609	0.039164167	0.037530929	0.000461335	0.892348727	0.875534164	1.586638617
4013434	TAF9B	NM_015975	554.2979667	577.432	636.2128667	133.4470333	211.1357	0.56856709	0.006918287	0.077721266	1.041735736	1.147781347	1.582280168
3439195	PGAM5	NM_138575	861.662	881.7824667	866.5058667	641.034867	1014.281733	0.396086674	0.950972692	0.005287319	1.023350765	0.99401606	1.582280168
3470281	--	--	440.3169333	473.9657333	432.2063333	321.5001333	508.9982	0.592895275	0.780705346	0.002936988	1.07641195	0.981580086	1.583197477
2987410	NUDT1	NM_198949	239.7449667	277.5793667	269.4555333	70.57993667	111.7582	0.067507597	0.332092084	0.008535529	1.157811029	1.123925716	1.583427321
3375340	FLJ12529	NM_024811	839.2098333	862.1199667	828.8491	540.2103	856.1189	0.685535098	0.896330309	0.005077465	1.027299648	0.98765418	1.584788183
3655877	CDC95	NM_173618	586.4657333	612.5301667	583.8060333	332.8738	528.0485333	0.532510652	0.965890553	0.009536025	1.044443233	0.995464867	1.586332518
2438344	GPATCH4	NM_182679	425.2346667	356.0319667	296.2049667	253.9214	402.9326667	0.148237861	0.009775606	0.011145597	0.837259976	0.673051821	1.5868840127
3293537	PCBD1	NM_000281	978.2249	984.5171333	999.1393333	822.652333	1305.820667	0.917980362	0.78437442	0.001498895	1.006432297	1.021379985	1.58732443
3329649	DBE2	NM_000107	475.7559333	417.8663333	415.5017333	581.0539	922.5158333	0.02837768	0.16004772	0.006834009	0.878320803	0.873354811	1.587659653
3707199	PSMB6	NM_002798	720.5145333	648.3792333	516.1173	537.9623333	855.3725	0.190354373	0.01281016	0.005255269	0.899883629	0.716317681	1.587659653
3819592	--	--	803.4086	838.6826333	783.6331667	674.4765333	1073.427333	0.532437129	0.785629801	0.00660961	1.043905471	0.975385654	1.591496632
3770721	SIC25A19	NM_021734	332.2222	310.4651333	327.723	291.9166	464.8218667	0.268880832	0.017032824	0.001355256	0.934510497	0.775754901	1.592310498
3706000	RP41	NM_002945	1212.891333	1306.558667	1194.76	846.1257333	1348.049667	0.00626494	0.836186104	0.002791733	1.077226484	0.985051148	1.593196889
2449559	ASPM	NM_018136	423.0478667	514.2357	426.3819667	246.9843	393.356	0.275152762	0.961088555	0.004699067	1.007881141	1.007881141	1.593408821
3884922	DHX35	NM_021931	725.7370333	700.0442	653.8945333	265.7011667	423.4566667	0.328006511	0.326109542	0.001634075	0.964597599	0.901007532	1.593729045
3719150	PIGW	NM_178517	234.9305667	220.4149333	190.4076333	117.9475667	187.3239333	0.458978697	0.115074188	0.007214689	0.938213092	0.810484715	1.596229638
3430926	UNG	NM_003362	622.6991667	766.1923	699.9540667	460.2638	735.1605	0.145386646	0.107493441	0.003714534	1.23043733	1.204594353	1.59730246
2806517	SKP2	NM_005983	632.9488	837.7494333	699.9540667	692.5197	1107.0129	0.087930344	0.382558701	0.00639622	1.323568877	1.105830782	1.59852911

3880827	GINS1	BC012542	625.0429	643.4908	626.8823333	429.3103333	686.6150667	0.328607957	0.970301478	0.003742653	1.029514614	1.002942891	1.598344375
3427767	TMPO	NM_001032283	750.2696667	647.909	647.909	262.9833333	421.0696667	0.335190917	0.998998991	0.001084733	1.139996439	0.983887423	1.60183224
3010082	PHTF2	NM_020432	896.9057667	944.7786	874.8612	264.9523333	425.5068667	0.663865927	0.814997501	0.006460556	0.975421535	0.975421535	1.605975163
3881443	TPX2	NM_012112	1704.144667	1984.789333	1778.935	951.9541	1529.079667	0.036745442	0.597677882	0.002553284	1.164683583	1.043887315	1.606253365
3837504	SEPW1	NM_003009	639.6779333	606.4119	624.7228333	904.6351	1455.275667	0.37699545	0.723831588	0.005351433	0.947995653	0.976620891	1.608688041
2838201	PTTG1	NM_004219	1471.024667	1708.909	1628.168	1084.680667	1745.567	0.079040227	0.300534631	0.008586447	1.161713354	1.106825764	1.609291152
3715874	ERAL1	NM_005702	519.1601333	519.1601333	523.5604667	497.414	801.0773667	0.503864592	0.609768604	0.000712098	1.033973991	1.04273782	1.610484157
3738471	RAC3	NM_005052	578.2383667	529.7225333	539.1595333	848.1070667	1366.186667	0.078308366	0.317345489	8.32384E-05	0.916097174	0.932417433	1.610865798
2531712	PSMD1	NM_002807	1076.022	1171.928667	901.721	708.0071	1141.135333	0.784078937	0.319707105	0.004506531	1.038946199	0.838013535	1.611756907
3037944	RPA3	NM_002947	361.1421	371.4114667	388.3759	181.9631	283.6609667	0.828831668	0.590082817	0.008965046	1.028435806	1.075410206	1.613848998
2570616	BUB1	NM_004336	888.0756333	1042.243333	1010.419833	486.0773	784.7293333	0.309611218	0.257715036	0.003216164	1.173597489	1.137763266	1.614412632
2911413	PRIM2	NM_000947	295.4858	389.7078	299.4697667	204.6577	331.4167667	0.325838737	0.947849026	0.005201639	1.318871499	1.013482769	1.619371109
2374872	IPO9	NM_018085	895.0922	885.0922	715.2641333	728.4577333	1182.179333	0.910850927	0.226763991	0.001122915	0.987791426	0.798257829	1.622852335
3417146	CDK2	NM_001798	757.7105	845.3746	762.4237333	634.4603333	1029.6369	0.178263879	0.931944988	0.001134194	1.115698034	1.006220382	1.622854447
3980560	KIF4A	NM_012310	640.7045333	1120.394	1188.167667	424.5180333	990.3896667	0.637247443	0.050881755	1.246770362	1.322312575	0.976592426	1.62506104
3919689	---	---	---	---	---	---	---	---	---	---	---	---	---
3630089	TIPIN	NM_017858	487.6797	467.9113	411.7706667	285.7250333	465.1151667	0.561689481	0.106209771	0.002344286	0.959464639	0.844346539	1.627841849
3699768	---	---	---	---	---	---	---	---	---	---	---	---	---
2893169	CDKN1A	NM_078467	296.8255333	314.3586	196.2654667	945.4579667	1540.613333	0.468368584	0.128637729	0.00691915	1.061016539	0.866020249	1.629488975
3893120	B4GALT6	---	345.2392667	301.9440667	262.8470333	145.5431	237.2654333	0.330822395	0.020129435	0.007275611	1.070225523	0.761347444	1.630234548
3352385	---	---	---	---	---	---	---	---	---	---	---	---	---
2627705	TREX1	NM_032015	765.9792333	813.4595667	752.0031333	152.8756	249.2231	0.326651857	0.353038154	0.007571901	1.061982533	1.090376732	1.630978337
3741502	CARPL	ENST00000376031	204.6256667	192.3251	174.7417667	98.39915667	160.5641	0.448892063	0.016918863	0.001885528	0.950590033	0.853929409	1.631762969
2899152	HISTH2AC	NM_013276	395.4776	380.0892333	374.4514333	339.9078667	555.3817667	0.168426178	0.661598181	0.001781238	0.961089157	0.946833483	1.633918544
2656500	PSMD2	NM_003512	1904.01	1833.701	1500.286333	1183.097667	1822.869333	0.620540044	0.130568009	0.00250704	0.963073198	0.867096387	1.634323659
3744229	TIME107	NM_002808	1513.008333	1694.846333	249.3307667	86.04090333	140.9783333	0.080962771	0.94069444	0.00087875	1.120183079	0.991591586	1.635427112
3482888	GTF3A	NM_032354	262.6254	309.5804667	249.3307667	86.04090333	140.9783333	0.080962771	0.94069444	0.00087875	1.120183079	0.991591586	1.635427112
D32257	---	---	---	---	---	---	---	---	---	---	---	---	---
3457824	CDCA7	NM_031942	1363.051333	1281.122667	1173.107	619.6217	1019.7054333	0.315667716	0.053808566	0.001120666	1.033720947	0.962627175	1.643915965
3457824	TIMELESS	NM_003920	772.1426333	904.4179333	822.5653333	345.0673333	568.05	0.091860934	0.55217786	0.00054069	1.171309411	0.860647704	1.645690319
2327111	PPH	NM_006347	651.5018	716.5689	617.4434333	623.9677	1027.475667	0.291120547	0.593864557	0.000914327	1.065328215	0.947723296	1.646200452
2434129	HIST2H2AB	NM_175065	2494.220667	2030.333667	1923.852333	210.035	3471.602667	0.009930962	0.006268563	0.01574825	0.814015253	0.771324029	1.649189898
3333358	INCENP	NM_001040684	358.4657667	438.7916667	499.6043	457.3945	754.5700333	0.122502091	0.012243424	0.000934198	1.224082486	1.376991462	1.649713832

3401878	NDUFA9	1119.549667	1199.857667	1182.117	476.568333	786.9769333	0.373766868	0.386554121	0.0021689313	1.071732414	1.055866161	1.651339488
3821908	RNASEH2A	930.9149667	943.7251	1007.6854	550.5244	909.1764667	0.742059305	0.15449695	0.002486741	1.013760799	1.062467718	1.651473516
3952718	UFD1L	902.7675667	987.8023	1050.49467	543.8296	898.4256333	0.410728474	0.299853104	0.005706705	1.084193385	1.163637802	1.652035184
3063685	---	3733.063	3770.728	3409.643	1831.049	3028.619333	0.832363619	0.211199137	0.001615215	1.01008957	0.913363369	1.654037511
2742935	HSPA4L	331.2403	390.9488333	302.535	198.8768333	329.0989	0.342478439	0.689415089	0.001642091	1.180257455	0.913338953	1.654787511
2469252	RNM2	1500.444667	1526.416333	1535.444	1328.830667	2199.850667	0.868993374	0.828498759	0.000389974	1.017308313	1.023328574	1.655478551
3812426	RTTN	289.9246	319.3023	315.1033	344.7734	572.2917	0.446100775	0.505725683	0.000391557	1.101328759	1.086845663	1.659906788
2394626	ACOT7	766.7608667	799.6909	767.6823	447.8809	743.7010667	0.511604442	0.385593888	0.000295695	1.042919737	1.060488462	1.660488462
4052881	---	509.1016	542.7053333	492.0234667	218.7053333	363.8907667	0.626239675	0.834247296	0.001350026	1.066005947	0.966454371	1.663840388
2827185	LMB1	871.7914	1010.60667	988.1782667	530.1803	883.1634	0.175602585	0.281753149	0.006121156	1.159229796	1.133503114	1.665779358
3480020	RB1	553.9418	580.7719	525.3636333	317.9277	530.1694	0.74010085	0.830055203	0.005978995	1.048434872	0.948445547	1.667578509
2407555	MYCBP	217.1174667	234.0973333	180.372	151.7079333	253.0544667	0.590570529	0.300083245	0.006842938	1.078205899	0.830757667	1.669037136
2353773	TFE2	445.4161333	463.5559667	394.4602	387.3423333	645.4912	0.753424194	0.323179889	0.003836216	1.040725587	0.885599284	1.66904349
3319009	RNM1	1152.974	1354.722	1294.671667	1230.612	2057.047667	0.024349254	0.298526269	0.000630088	1.174980529	1.122897539	1.671564772
2895788	HIST1H4I	614.9861	540.7226333	552.3570333	448.6164667	750.3318667	0.134771922	0.434415055	0.006935092	0.879243666	0.888161818	1.672544463
3565571	VDH1	518.2820667	593.2976667	606.7663	394.6857333	680.6168667	0.25093723	0.734525186	0.003316563	1.144716859	1.048157918	1.67378451
3095786	CSE1L	163.0704667	168.9048333	152.4333333	116.3640333	845.9970333	0.771232146	0.279660145	0.003158524	0.967619705	0.826345792	1.674111652
3872093	POLA1	786.6006	843.3823667	804.0870333	324.8189	544.3076667	0.746749101	0.461738369	0.00133236	1.036159437	0.935115005	1.674735549
3878220	---	284.1775333	306.3619333	269.9893333	331.5760333	556.0111	0.316686537	0.308186842	0.001573641	1.072186274	1.022230384	1.675726587
3560832	XRCC3	510.0545333	537.9001	531.8108	145.9624333	246.8029667	0.251117396	0.219083118	0.000665666	1.07876907	0.95007276	1.682970485
3662285	NUP93	1330.641667	1412.946667	1316.520333	1159.377667	1961.099667	0.274457308	0.825109247	0.009732033	1.064593313	1.042654785	1.690866348
2843619	HNRPA8	1464.537667	1461.4688	1215.0049	879.3940333	1488.792667	0.978623466	0.173945626	0.00055113	1.061853617	0.989387576	1.691510647
3442322	CDC43	622.4912667	600.0857	602.1783333	244.8908	415.4526	0.709833347	0.004589437	0.01006223	0.997904003	0.829616696	1.692975629
3652691	DX39	946.7141333	1129.493667	1059.158133	1166.123	1166.123	0.034246113	0.412225803	0.000951046	0.964006617	0.967366324	1.696481044
3587457	ARHGAP11A	903.6495667	1097.478	928.1017	533.2383	908.1751667	0.070280664	0.838110061	0.002302183	1.193067291	1.118772918	1.700117799
3413875	TROAP	740.0941667	760.9158667	697.2105	647.5540333	1104.520667	0.398858871	0.02896633	0.004124084	1.214495132	1.02705931	1.703131914
3031754	ABC8	358.4426	338.8684	307.2512333	223.8306333	382.1657667	0.537927429	0.124286855	0.002340347	1.028133852	0.942056473	1.705681066
2902178	TCF19	498.5726667	547.9176667	560.9707667	176.2615	301.5148	0.221963627	0.157684835	0.002340347	0.945390978	0.857183921	1.707388131
3788224	SLC25A10	231.811	189.1329	222.0711	285.3543333	488.8861667	0.068089468	0.568839594	0.00632141	1.098972534	1.125153471	1.70610655
3818660	MCOL1	410.5652333	480.1709333	470.0417	258.8635333	443.6894667	0.013375868	0.416846666	0.001270894	0.815892698	0.957983443	1.713277417
3647864	CCNF	317.9945	348.3603	392.8096667	517.4651	887.273667	0.186802489	0.086344728	0.000730637	1.169450822	1.14478119	1.715315108
2451200	UBE2T	608.5046667	734.8876667	554.0743333	680.9665	1168.108667	0.203475435	0.261706736	0.000500355	1.095554463	0.970457164	1.715464593
3102283	RDH10	809.0746667	802.2607	717.957	329.4130333	565.7916	0.90334242	0.354283688	0.001832214	0.991578074	0.887380398	1.717575028

2311679	MFSD2	NM_032793	72.89796667	73.81214	48.52808667	120.2930333	207.1769333	0.835367441	0.151571689	0.09230694	1.01532578	0.667529995	1.72240126
3709888	CD8B	NM_001251	1484.954	1579.136667	1380.751667	1380.751667	191.2111	329.5424	0.180140471	0.00407513	1.063423962	0.929827905	1.723448063
3744283	AURKB	NM_004217	1175.62333	1175.62333	1133.362667	841.944667	1451.199667	0.12076422	0.483784377	0.006837394	1.065165322	1.027366592	1.723634866
3887049	UBE2C	NM_181802	1310.984	1229.147	1066.060833	711.0095667	1225.837667	0.305488991	0.050819575	0.007359217	0.937568746	0.81316988	1.724082837
3204061	Cbrf165	NM_188573	210.9262	223.9575333	271.4758667	103.2944633	178.266	0.395486991	0.00325995	0.000813111	1.061781482	1.28706565	1.725804019
2538000	ADI1	NM_018269	461.5359333	468.3145667	354.6243667	155.182	267.9856	0.917460239	0.141542971	0.002198685	1.014687119	0.768357003	1.726911628
2662331	CANK1	NM_003656	120.1654667	93.34488667	81.71822667	95.45710333	164.9295	0.087682855	0.044894474	0.002196608	0.776802931	0.680047012	1.727786558
3479181	POLE	NM_006231	731.3341	829.8271333	730.9767333	504.6337333	872.5082	0.17425152	0.996246634	0.001391168	1.194675839	0.95951135	1.728986162
2730714	DOCK	NM_000788	317.8233667	343.1503333	294.3024667	164.1351333	283.8005	0.686412083	0.678256789	0.08677316	1.079688812	0.925993799	1.729066131
3920003	CHAF1B	NM_005441	1154.673	1291.144	1371.279333	751.0778	1299.003	0.140053089	0.015534585	0.007220321	1.118190172	1.187591061	1.729518567
3723120	--	AY358101	263.6140667	316.7588	291.6573667	135.6977333	235.3101667	0.342620066	0.35205207	0.008598579	1.201600522	1.106380135	1.73415256
3934669	SUMO3	NM_006936	2790.328667	2779.388333	2793.966	463.2441	805.5648667	0.805632933	0.971580765	0.00146467	0.966079195	1.00130355	1.739864116
2782292	--	ENST000000313239	138.4942667	167.1005667	141.007667	167.6098333	291.6480667	0.317698478	0.93733081	0.007222695	1.206552233	1.018288596	1.740133905
3983435	PRF1	NM_005041	49.78725667	54.25685	60.68917	89.96541333	156.5681	0.602510339	0.868908891	0.00300392	1.089807988	1.018115345	1.740314362
2650199	--	hsa-mir-16-2	1121.608767	1167.230333	915.0175667	391.1202333	681.4637333	0.830413087	0.194008687	0.00725718	1.040675116	0.815808144	1.742338226
2720251	NCAPG	NM_022346	1043.011767	1162.428	961.2437	603.041667	1052.667933	0.240435604	0.617459529	0.005756592	1.13366688	0.940779128	1.74386226
359089	DNMT1	NM_001379	1676.122667	1962.41	1678.074667	117.6076	2051.025333	0.0715769	0.985512776	0.003758155	1.17080333	1.001164593	1.743956456
3358479	HYL1	NM_145014	195.2455	224.4935667	181.9694333	104.9079633	183.0294	0.085492598	0.13196675	0.006825079	1.149801489	0.932105648	1.746331044
2334319	TOE1	NM_025077	225.3281333	225.3281333	180.252	89.5370667	156.5192	0.945561446	0.097395684	0.003504151	0.985740267	0.78854625	1.748094095
2320374	FBX06	NM_018438	258.8168	297.9226	286.406	138.4300667	242.0398667	0.162415036	0.13196675	0.000930597	1.151094519	1.029322671	1.748387342
3776139	NDG80	NM_006101	428.8843	573.4155667	429.8705667	157.2593333	275.3009	0.030766102	0.99031628	0.003223442	1.336993606	1.00229961	1.750211014
2333136	CDC20	NM_001255	1088.722333	1027.202367	940.6720333	876.4764333	1534.241	0.492092169	0.014291422	0.006174676	0.943493428	0.864014639	1.750464635
2330773	CDC48	NM_018101	319.6771667	378.7090333	378.6409	186.509667	326.7265	0.262466721	0.100192009	0.000978431	1.184660879	1.187579903	1.75181928
3607183	MRPS11	NM_022839	291.6659333	355.6420667	390.6166333	172.5436	302.9959333	0.062839231	0.003767175	0.004854162	1.219347294	1.339260396	1.756054315
2900074	HIST1H2BN	NM_003520	1309.636333	1243.233	1032.448733	734.4948333	1296.057	0.307046054	0.016102894	0.001009465	0.949296357	0.788347656	1.764555639
3061319	CDK6	NM_001259	1557.304	1539.496667	1470.985333	369.9062	652.9664667	0.891437952	0.160294087	0.002316166	0.988565281	0.94457173	1.765221742
3910785	AURKA	NM_198433	869.7663	933.705333	851.2207	421.0862	744.0904667	0.679475489	0.898983634	0.00085348	1.073587852	0.978677491	1.767073978
3887342	HIRP3	NM_003609	172.3366333	194.2836333	177.9136667	114.0306333	201.5983667	0.30294313	0.786530166	0.008926413	1.127349592	1.032362436	1.767931658
3920038	C21orf45	NM_018248	1102.266	1108.319667	1094.651667	667.9790333	1182.583333	0.917840317	0.851927991	0.002009816	1.00549202	0.993092109	1.7704005
2752725	NEIL3	NM_018248	386.8193333	413.2248333	334.8982333	349.4550667	618.8222667	0.580218899	0.212947194	0.003720753	1.068263134	0.865774289	1.770820703
3333226	FEN1	NM_004111	458.2573333	563.9815	539.3801667	618.5152333	1095.427	0.00462381	0.217968814	0.00062994	1.230709165	1.177024627	1.771059047
2377886	MC1M6	NM_005915	742.7467333	815.1787	804.9223333	350.4798333	621.3709667	0.605646736	0.635770289	0.002734746	1.087516109	1.083786228	1.772921107
2747688	EXOSC9	NM_001034184	642.3633	702.7351333	596.7404333	727.8002	1292.459	0.304016854	0.658294765	0.000162008	1.089889939	0.932090039	1.77584315
3884882	FAM83D	NM_030919	939.9532	921.7518	894.5483667	719.2031667	1276.354333	0.676605204	0.228840862	0.002553535	0.980635844	0.941055753	1.777459267



3004628	ZNF107	3004628	276.6874667	265.02252333	85.35789333	151.7648333	0.391985549	0.472383983	0.003205589	1.185919649	1.135922178	1.777962415
3056414	RF02	3056414	864.2670667	748.1678	289.276	516.1406	0.740094602	0.401602179	0.002168027	1.049046842	0.908125622	1.784249544
2444451	GAS5	2444451	403.8526333	315.2358	139.0479667	248.1564	0.861184629	0.198620422	0.004497033	1.010910791	0.795880641	1.784681977
2366438	NUF2	2366438	336.0113	336.9636667	239.5343333	430.3963	0.982965653	0.002481031	0.05976278	1.169015485	1.002843243	1.796984663
2366581	--	2366581	288.7028	327.9625	137.7851	247.9284	0.368361433	0.695340923	0.08002999	1.135986558	0.941417726	1.799394684
3090697	CDCA2	3090697	441.3339667	425.3142	385.6875333	694.8259333	0.664062837	0.00409168	0.00409168	1.104520923	0.963701487	1.801525518
3619945	OIP5	3619945	436.1301333	487.8737	186.2675667	335.6471	0.121359257	0.208230062	0.05678892	1.155179142	1.118642494	1.801962124
2858592	DEPDC1B	2858592	363.7932667	437.7051667	118.1129667	213.1517667	0.18274069	0.442545318	0.001888428	1.236687448	1.203170061	1.803021964
2469296	--	2469296	150.2233333	137.6723667	118.1129667	757.121421	0.757247603	0.08957719	0.08957719	1.02528657	0.916451284	1.804643238
3508330	HSPH1	3508330	684.6606667	659.694	647.0601333	630.8523667	0.15754672	0.0008957719	0.0008957719	0.963498503	0.945046445	1.806242721
2957126	MCM3	2957126	744.7005	971.3763333	734.0938667	0.035748756	0.139009145	4.16162E-05	1.286087494	1.30438523	1.30438523	1.806837509
3866898	LIG1	3866898	384.8175667	491.2748	484.2848333	843.1422	0.004429883	0.058534186	0.00059049	1.276843383	1.258479018	1.808406708
2793951	HMG82	2793951	306.5634667	373.184333	466.2348333	843.1422	0.004429883	0.058534186	0.00059049	1.276843383	1.258479018	1.808406708
2742109	FGF2	2742109	612.1646667	667.3507333	316.0855667	574.6275	0.278491255	0.31949387	0.00940785	1.219057305	0.794835414	1.81794919
3708874	MRDU1	3708874	2385.255	2277.900333	806.5593333	104.287	0.498273972	0.320871181	0.007165181	1.090149056	0.896401513	1.819110723
3807510	FANCI	3807510	664.7497667	778.3302	536.8612333	1467.306667	0.215834912	0.060648942	0.00041072	0.954892373	0.923845179	1.819217268
2804284	DNF2P/62E1312	2804284	1284.241667	1329.401	641.1458	977.3596667	0.013227366	0.930267683	0.006631264	1.170892024	1.009548806	1.821165519
3144973	RAD54B	3144973	368.9663667	384.5979333	1193.742	1170.654333	0.526423767	0.29996625	0.000498946	1.035164202	0.929530657	1.824942878
3988721	ZWILCH	3988721	677.2133	784.4079667	207.8748333	380.9243667	0.125264139	0.85487254	0.002846658	1.042284523	0.971716663	1.83246986
2463425	FH	2463425	488.2295667	514.6801333	463.7746333	582.2463667	0.613482927	0.762498379	0.001349781	1.054176495	0.934269503	1.83246986
3394183	H2AFX	3394183	646.6109	719.0341333	458.237	316.8715667	0.089778723	0.06626221	0.004579952	1.11200435	0.938568721	1.837483788
2427930	WDR77	2427930	784.1106667	708.8725333	620.4037667	527.6205	0.17007877	0.142375063	0.000458794	0.904046538	0.791219849	1.84190669
3903146	E2F1	3903146	373.3129	388.1802333	412.9646333	142.4223	0.616809614	0.4928557	0.03747127	1.106215813	1.06215813	1.843320025
3262165	TAF5	3262165	241.2575333	300.2362667	259.5920333	134.8399333	0.049692865	0.478687606	0.00410077	1.039825394	1.075995554	1.84374689
2965739	--	2965739	977.8167667	1015.025433	919.3087	268.4755333	495.2705	0.628681836	0.008474114	1.2444638	0.94015459	1.8443604
2883440	ADAM19	2883440	231.1435333	167.4544	190.3005333	453.2562	0.014271565	0.248224786	0.006271673	0.724460674	0.82330027	1.85007302
3995545	NCAPD3	3995545	528.5819667	662.6946333	452.7772333	837.9141333	0.039599242	0.408870305	0.001590553	1.253721608	1.162395375	1.850610127
2417528	DEPDC1	2417528	535.2370333	574.9845333	277.3653667	513.2830333	0.614803089	0.4755722	0.001130919	1.074261491	0.881281321	1.850633141
3599811	KIF23	3599811	951.3678333	1086.49067	502.132	930.5291333	0.117304522	0.700041017	0.007159609	0.955697893	0.955697893	1.853142467
3238395	HSPA14	3238395	445.3624333	483.4726	339.1106667	626.4873	0.191355962	0.496468101	0.001439173	1.08557113	0.949206812	1.853367664
3415887	ESPL1	3415887	365.3768333	417.9923333	337.8750667	626.9097667	0.053345327	0.717538479	0.001118551	1.444005533	1.042772906	1.856547399
2354098	KIF23	2354098	736.0966333	909.1700667	680.2119	479.5217667	0.208249699	0.650166197	0.001796557	1.200000141	1.1610814	1.860389584
3488074	RF03	3488074	735.8431	877.9829667	706.136	426.8897333	0.083649733	0.705840789	0.006845212	1.193179888	0.959628486	1.867206692
3204682	--	3204682	175.108	165.4819333	179.5964333	167.2154333	0.571544734	0.854715823	6.82851E-05	0.94502763	1.025632372	1.867888789

3590014	CASC5	608.5746	774.3437	669.0377	316.5653333	583.082	0.01904107	0.512176245	0.005667769	1.27238912	1.099351994	1.873490043
3176999	RM11	321.6577667	330.62529667	275.5629667	151.7525	284.358	0.858845931	0.333458136	0.00585921	1.027180564	0.856696139	1.873827449
2968484	TOR3A	486.1813	406.5096	383.4084333	231.1085	433.2468	0.162993504	0.098161604	0.000406969	0.871998941	0.822444901	1.874646757
3168508	MELK	1752.842667	204.733	1670.820333	764.037333	1434.94	0.063709166	0.53800028	0.004121434	1.166523978	0.953206106	1.878118166
2859667	CENPK	542.9022667	634.8843333	473.6000667	166.1761333	312.8120667	0.346256647	0.009885004	0.000985004	1.169426566	0.872348663	1.882412717
3151534	ATAD2	1004.6828	1192.283333	1147.157133	536.9398667	1011.8588	0.168620271	0.402258373	0.004852988	1.186726132	1.141810264	1.884491845
2665572	SGO1	228.7011	258.6037333	203.0832667	125.954333	238.0178333	0.369077214	0.57198485	0.004812974	1.130749845	0.887985526	1.889756883
2542795	SDC1	120.1997933	98.07968667	87.534	156.4771333	283.0178333	0.189201009	0.159788033	0.005460928	0.815972174	0.728237525	1.891297642
2521278	---	198.6000333	235.81	203.524	149.5112	283.0269333	0.297504854	0.804439242	0.000781488	1.187361331	1.024793383	1.893014927
3226592	WDR34	696.29889	643.3688667	619.0008	300.8166	571.6126667	0.000997661	0.043053282	0.00402047	0.923985183	0.888987186	1.900203202
3904566	DSN1	510.2921333	663.8688333	593.0413	253.2444667	481.5231	0.031119339	0.120803208	0.001623469	1.300952513	1.162160381	1.901416076
3258444	CEP55	610.6001	665.9545333	560.9663	392.2277333	746.6852	0.164582293	0.595521768	5.30225E-05	0.918713082	0.918713082	1.903703223
3655628	KIF2F	837.9489333	958.4206333	955.7658333	579.5856	1106.069	0.026221964	0.103638228	0.003401414	1.14376974	1.140601528	1.903703223
3875195	MCU8	668.8448	728.6302667	582.7608667	250.7376667	478.5851667	0.406347056	0.266724252	0.001098776	1.089386158	0.871278655	1.908707181
2840002	CCDC99	772.4182667	798.9968	729.5157333	184.4529333	352.5825	0.820983867	0.689126409	0.00497454	1.034409509	0.944456863	1.911503892
2897376	ANLN	521.5417333	718.0689	549.0011	373.5295667	714.3164667	0.201128161	0.81294982	0.002456046	1.376819637	1.026503073	1.912347858
3639031	PRC1	718.0975667	835.075667	1086.3261	689.3386	1285.927333	0.058246827	0.532404891	0.006912741	1.16289987	0.963884759	1.921191345
2899146	HIST1H4C	1127.438667	1086.3261	982.5253	817.1153867	1570.305333	0.78390767	0.243430211	0.000288386	0.963534543	0.871466741	1.921768983
3367036	CCDC34	214.9323667	277.3595667	241.7365333	134.6521	258.9556667	0.067029812	0.489017606	0.001941136	1.09264099	1.124709773	1.923146142
3720896	CCDC6	635.4593333	684.3252	553.5680667	764.1944	1469.658	0.183540905	0.268259884	0.000809661	0.974793498	0.871135255	1.923146142
3866223	MYBL2	1368.509333	1334.014	1398.650333	692.3474667	1335.222	0.328868638	0.715044504	8.78783E-06	1.022024695	1.022024695	1.928543202
2674808	TRAP1	166.571667	217.1589667	189.4148333	98.67489667	190.9493333	0.16566038	0.363545525	0.009092004	1.303696125	1.137136486	1.935135883
3758317	BRCA1	484.2006667	572.2163333	468.8505	284.2494	551.0151667	0.0775112	0.804157054	0.001975932	1.181769611	0.970363183	1.938491925
3831062	WDR62	843.281	1042.430333	892.2801	125.5241	243.5728333	0.013862338	0.294900136	0.007642477	1.236159991	1.058105305	1.940446761
3565663	DLG7	554.2331	713.6054667	619.2849667	429.1284	832.8207	0.073955099	0.404165878	0.000472477	1.287554761	1.117372756	1.940726132
3984655	CENPI	509.7295667	595.1085333	570.4576667	247.7229	481.8522667	0.173423035	0.3949646	0.000925032	1.167498557	1.119137788	1.945126053
2798915	TRIP13	895.4874333	867.0302667	848.2893667	360.0823667	701.3037667	0.172681014	0.630808836	0.001308252	0.96822159	0.947293435	1.947620041
3896200	PCNA	667.7257	740.2291	789.8110333	789.0415333	1537.326667	0.130400063	0.270508846	0.00262758	1.108582611	1.182837553	1.948346952
3940055	GTSE1	401.6243	473.2210667	479.9772	385.9388333	752.6469667	0.006592923	0.88679832	0.003107849	1.178268015	1.177662059	1.950186707
3082181	NCAPG2	551.3277333	529.1882	529.1882	314.2721	613.126	0.268772484	0.80644063	0.004775367	1.204298211	0.959843244	1.959843244
3704980	FANCA	1033.343833	1166.476667	1047.4615	559.2962333	1093.738667	0.018992798	0.808094103	0.000335721	1.12818185	1.013073889	1.955652368
3257338	MPHOSPH1	222.3436333	331.3637667	276.8624	141.1190333	276.7773333	0.016387863	0.330783105	0.005376588	1.480322712	1.23419557	1.961304062
3747199	PRR6	561.4466333	486.6174	461.3245333	306.2478333	602.1757667	0.206134154	0.044385061	0.001975378	0.862857951	0.821671208	1.966302729
3602288	BLM	240.6541333	308.3457	276.55	162.6538	320.2002333	0.173090197	0.198438401	0.000115533	1.281281546	1.149159588	1.96884166

3484641	BRCA2	NM_000059	414.6709	395.9175	123.8201	244.6125	0.03703301	0.27812292	0.002264501	1.26881091	1.180943416	1.975547589
2402416	--	207.6004	178.5857	137.2100667	271.1659667	0.182990086	0.275483805	0.004569481	0.005177707	1.189206021	0.860237745	1.976283324
3000953	UPP1	526.574	447.5175	107.478	213.3271667	0.053691474	0.031227155	0.005177707	0.005177707	0.849866306	0.813419133	1.984844961
3629103	KIAA0101	906.1179	956.4026667	412.4773	819.6404667	0.585720713	0.541490741	0.000203252	0.000203252	1.055494728	1.066444659	1.987116544
3258910	HELLS	524.4642667	653.4132333	348.2208	692.1925333	0.105660328	0.605358882	0.001545252	0.003442602	1.245867974	1.111425386	1.987797978
3080283	--	413.7499667	422.5396333	186.2431667	370.5982667	0.88496628	0.135832486	0.008319548	0.008319548	0.944444659	0.79354528	1.988662357
2946283	HIST1H4H	1088.145	1027.692333	922.7151333	328.3293333	0.42961995	0.105884362	0.002028554	0.002028554	0.847970751	0.847970751	1.992098941
2947100	HIST1H2AM	277.1409333	272.7421333	223.9696667	146.7174	293.5006667	0.912329457	0.000495287	0.000495287	0.984127931	0.808143582	2.000448936
3156642	NFKB1L2	477.4572333	496.3370333	430.8843333	863.0065333	0.117171405	0.350388261	0.000475458	0.000475458	0.945530213	0.945530213	2.003816433
3722770	--	187.5139	218.4703333	111.9345667	224.3845333	0.387810372	0.894896558	0.00052063	0.00052063	1.165088739	0.97459175	2.004604476
3962165	CENPM	316.8915333	290.9307667	174.8396	351.6307	0.050681834	0.011234442	0.004446238	0.004446238	0.918076806	0.839740748	2.011161659
3534765	PPL5	135.3321	165.1502667	104.98297	211.6318667	0.137173283	0.81727285	0.00257872	0.00257872	1.220392403	0.971864768	2.015868542
2471316	--	229.7232	264.8111333	210.7439	97.8894667	0.4528053	0.496453515	0.003201116	0.003201116	1.152740051	0.917381875	2.019859988
2908100	POLH	262.1488333	481.6036667	175.0581	354.1406333	0.618270462	0.604673363	0.000569816	0.000569816	1.081187235	0.896512443	2.02298913
3728776	RAD51C	406.2265333	481.6036667	305.3372333	621.0360667	0.116689197	0.749892287	0.000569816	0.000569816	1.185554431	1.045520578	2.033934588
2946215	HIST1H3B	2031.006	1913.109667	1072.395333	2189.070333	0.21331092	0.387142527	0.000100973	0.000100973	0.941957195	0.926068568	2.041977616
3677315	PKMYT1	1111.378667	1051.066333	568.2457	1160.345	0.806187575	0.359287441	0.000100973	0.000100973	0.895967891	0.924108918	2.048177587
2494484	NCAPH	480.4205333	577.0303333	498.1259333	837.7060667	0.170028113	0.074299004	2.30008E-05	2.30008E-05	1.201093611	1.104188927	2.058174981
2947063	HIST1H2AK	870.4232333	807.2205667	782.9233333	1025.2303333	0.13514407	0.488326272	0.002062285	0.002062285	0.92738858	0.975932206	2.064488014
2714955	TACC3	713.4720667	841.9025333	750.4139667	1616.343667	0.407888186	0.763276496	0.000239898	0.000239898	1.180007701	1.05177764	2.064922631
2855058	OXC11	313.6875333	359.8916	286.2340333	591.0511333	0.046842034	0.582839101	0.007451857	0.007451857	0.987958293	0.987958293	2.06940988
3765580	BRIP1	254.0118333	312.0138	177.1868333	367.7553333	0.404233328	0.368893186	0.001986515	0.001986515	1.147293283	1.131246248	2.075522918
3587495	SCG5	23.75444	20.91709	84.98401333	176.4630333	0.625588177	0.312178415	0.000985669	0.000985669	0.880554962	0.730050466	2.076426217
2465395	ZNF695	112.8916633	135.8826433	72.12907	149.8728333	0.440038597	0.259433491	0.008192197	0.008192197	1.203655251	0.826404896	2.077842309
3527418	PARP2	510.1408333	586.6838667	306.4817	639.7829667	0.143846455	0.835455538	0.008428233	0.008428233	1.150042946	1.036116759	2.087507689
3158767	RECQL4	256.5208667	268.2504333	359.1034333	750.4212667	0.492055855	0.216149039	0.002169821	0.002169821	1.045725585	0.83167501	2.089707659
3589697	BUB1B	656.2806667	774.0030333	451.3363	945.7087667	0.083404124	0.927637363	0.002824668	0.002824668	1.179364783	1.013705872	2.095332771
3750785	SPAG5	457.5698667	538.5825	352.5891333	740.3216667	0.178281549	0.838414986	0.000917749	0.000917749	1.177049756	1.021381216	2.098672385
3607698	C15orf42	355.3179333	388.8201867	320.8228667	673.3197667	0.218374007	0.739635295	0.00182886	0.00182886	1.093725169	1.073896065	2.100039912
2899206	HIST1H2BF	1801.330667	1397.711333	1166.735667	2450.484333	0.035194519	0.024147835	0.000558136	0.000558136	0.775932681	0.774463027	2.100239907
3789542	CEP76	92.51275	117.0069033	60.80461333	127.7463333	0.318233995	0.123016261	0.003272151	0.003272151	1.264765163	1.328440367	2.106931586
3502829	GAS6	411.5826	382.9067667	289.9795667	609.6599	0.240864703	0.047083375	0.006120281	0.006120281	0.930373006	0.861662681	2.102430904
3817501	CHAF1A	535.0642667	646.0776	289.1624	608.0454333	0.037498056	0.249367455	0.001089882	0.001089882	1.207476635	1.102704111	2.102781905

3088617	NDUFA4	NM_02489	203.1816667	217.538	162.6771333	32.69588333	68.75948	0.826390276	0.469846529	0.0007766339	1.070657622	0.800648681	2.103001142
3850660	SPC24	NM_182513	350.3690333	417.5390667	425.2129667	124.8402	264.0884	0.063959642	0.12686065	0.002499224	1.191712243	1.213614578	2.115411542
3850668	CDCA5	NM_080668	477.8541	499.4073333	555.4986	268.8442	569.5225	0.489392663	0.12298156	0.005161429	1.045098772	1.162485788	2.118410961
3852565	ASF1B	NM_018154	466.8367333	565.7243333	494.5173	415.3166	882.7056333	0.027175012	0.387900223	0.003779964	1.211824805	1.059293892	2.125300092
2946324	HIST1H3D	NM_003530	1223.790333	1187.904333	1124.311667	675.9441333	1438.27	0.718695224	0.234973567	0.000999587	0.97067635	0.918712655	2.12779419
3216319	ZNF367	NM_153695	469.1241333	595.4674333	457.4396	135.2621	287.8777333	0.004806706	0.781811836	0.00848395	1.269317631	0.975092875	2.128295608
3440598	FOXM1	NM_202002	924.7432333	1000.740267	1002.0790675	322.7018	687.3683	0.223330711	0.403700517	0.001877782	1.082181767	1.083629521	2.130041729
2742985	PLK4	NM_014264	196.3124	217.8578333	167.4275	100.0072633	214.0741667	0.601708115	0.471345163	0.003635731	1.115432678	0.857229239	2.140586189
3129149	PBK	NM_018492	215.7137	255.2975	183.9632333	305.0795333	653.6494333	0.226644503	0.38312273	0.004189284	1.183501558	0.852812007	2.142554193
2946208	HIST1H4B	NM_003544	322.2168333	331.4187333	331.4187333	364.4592333	783.3782333	0.04507834	0.352131213	0.001364824	0.795036018	0.816473772	2.148426223
3976797	SUV39H1	NM_003173	282.7099	358.2509333	327.8508667	155.749667	334.9927333	0.037499019	0.377312178	0.004189284	1.267203353	1.159672394	2.150836629
2986597	GMNN	NM_015895	395.2293	478.5514	617.755	294.4304667	126.6645	0.477466915	0.06227941	0.002212941	1.210819643	1.09768974	2.152974195
2784113	CENPA2	NM_001237	1050.098667	1260.328	1190.437333	655.194667	272.6988333	0.344116265	0.477466915	0.002212941	1.180814359	1.034717889	2.162598066
2742384	CENPA2	NM_024322	445.7838333	512.8648	398.1014333	171.0835333	370.8944667	0.091129647	0.23495111	2.82258E+05	1.200270124	1.133709827	2.163498125
3330329	POLA2	NM_002689	586.4542667	616.2339333	600.1460333	205.895333	454.2794667	0.623095503	0.872066897	0.003518147	1.04720786	1.019668607	2.206637667
2336466	RAD54L	NM_003579	452.1888667	514.7398333	412.4078667	234.8604667	519.5264	0.42280881	0.824333678	0.004421327	1.138318992	0.912026303	2.213949403
2802987	SLC16A14	NM_152527	33.34987667	30.19904667	34.43953333	98.42508667	433.73235	0.701790609	0.009277525	0.009277525	1.326487065	1.032673484	2.215443651
4012142	ERC6L	NM_017869	199.2537333	264.3075	233.3594667	87.81596333	195.4033333	0.049424353	0.059110983	0.006700434	1.146432958	1.171167349	2.225148463
2515389	HAT1	NM_003842	599.3813333	686.5511333	531.5767333	213.4936667	475.2351667	0.13121551	0.585163588	9.52833E+06	1.061257338	0.88687569	2.22849891
2691575	POLA1	NM_198420	293.7427667	381.5243667	311.7366667	176.0994333	392.4351667	0.0017129	0.304948333	0.08345412	1.341445409	1.255334499	2.253597528
4012154	RPS4X	NM_001007	206.3439667	276.7991667	804.1762667	403.2758	911.7774	0.221822795	0.065167748	0.002964149	0.857717173	0.801798906	2.260927633
2946288	HIST1H2BC	NM_003526	1002.965033	860.2603333	219.9670333	133.4456667	302.3565333	0.730219896	0.395951133	0.007609887	1.069362146	0.862449077	2.265765093
2425118	SASS6	NM_194292	255.0493	272.7400667	408.9750333	214.8856	489.4786667	0.316936433	0.233285898	0.002698277	1.151801336	0.876487951	2.277848617
2610241	FANCD2	NM_033084	466.6065667	537.4390667	410.7221333	302.3216	694.2774	0.0090114	0.165444835	0.00348666	1.256867344	1.157758641	2.296486258
3235799	MCM10	NM_018518	354.7562667	445.8815667	227.1937333	118.2363733	271.6148667	0.37303548	0.876350838	0.003233893	1.44472936	0.970535407	2.297219198
3563395	POLE2	NM_002692	234.0911333	267.9109667	1090.958	573.4472333	1318.57	0.046423278	0.065211139	0.002318648	1.199568432	1.195248971	2.298374595
2640855	MCM2	NM_004526	147.2340667	130.0977	189.6511667	669.9071333	1548.708	0.083829909	0.284679013	0.002045899	1.559595346	1.096515216	2.311824913
3097152	MCM4	NM_005914	231.2345667	223.2388667	185.3815667	75.5654333	175.5111	0.700087823	0.142248454	0.002739187	0.985421692	0.80161703	2.322633988
3742421	---	---	1521.558	1637.913333	1445.053	875.8663333	2037.942	0.118218237	0.42441304	0.000725016	1.076471178	0.949719301	2.326774704
3775842	TYMS	NM_001071	147.2340667	130.0977	103.7206733	351.2200333	816.2599	0.098141689	0.098992191	0.000149163	0.863611402	0.704461105	2.328764314
3726375	VCAN	NM_152463	289.3948333	348.3704667	305.7988667	108.65826	254.6397667	0.138722136	0.682096147	0.000437557	1.203958927	1.056823082	2.343482033
3866542	HAS3	NM_138612	49.88478333	39.94763	46.85702667	177.7698	416.691	0.03871493	0.343364149	1.49504E+05	0.800797905	0.935295767	2.349992062

2856933	SPC25	NM_020675	196.38	278.2811333	204.7478333	126.0994667	295.9687	0.119870605	0.778029043	0.00827001	1.41705435	1.042610415	2.347123703
3290210	ZWINT	NM_032997	328.0401	387.8633867	338.4156667	238.5870667	560.3953	0.059763716	0.812202965	0.001032602	1.162365713	1.031628958	2.348808374
2407448	E2F2	NM_004091	180.9679667	196.0817667	149.3627333	83.47391667	196.3814667	0.429820542	0.222281808	0.002809673	1.083516438	0.825354542	2.352611567
2406420	CLSPN	NM_022111	231.2448667	296.8337667	260.0108	75.9639667	178.9123333	0.239501263	0.528890839	0.003442668	1.283633972	1.124399987	2.355237787
3504617	C13orf3	NM_145061	406.7902333	442.5425	349.7516333	250.4341333	593.8699	0.311762341	0.348121534	0.00610186	1.087868705	0.859783753	2.371361651
3817698	UHRF1	NM_01048201	333.7621	434.8324	450.0653333	230.0422667	549.4283667	0.009120636	0.018030085	0.00847057	1.302821381	1.348521387	2.38859209
3591704	WDR76	NM_024908	738.0179	915.4253	873.3787667	227.0425667	544.0380333	0.004487571	0.144052772	0.001026917	1.2403836	1.18341136	2.396193988
3757970	PSMC3IP	NM_013290	304.7224333	377.9939333	334.8975	185.1133667	444.4244	0.061663082	0.546589352	0.00048157	1.240453252	1.0983368428	2.400758002
3706753	GS2	NM_031965	159.7669333	190.7974	149.9118667	119.076	289.4191	0.101343181	0.435889352	0.002771702	1.194223335	0.93831598	2.430540999
3223687	PHF19	NM_015651	707.2321333	781.2680667	752.9626333	105.4282167	259.3654333	0.176153026	0.469114184	0.000620659	1.104684063	1.064661231	2.460114014
3689880	RAB43	NM_198490	441.6254667	518.7451333	457.2096667	226.7267333	560.6842333	0.065914086	0.80106643	0.005799012	1.174628856	1.035286273	2.47295158
3433747	RFC5	NM_181578	598.4151667	647.7016333	603.0759667	331.4097667	820.0487333	0.468409711	0.941952454	0.002032719	1.08236166	1.007786573	2.474425366
3703112	GINS2	NM_016095	249.9806	309.8242	287.5101333	194.4946333	486.878	0.070018437	0.193869267	0.000353295	1.239392977	1.150129783	2.503297863
2412799	ORC1L	NM_004153	216.8323333	284.2087667	269.8156333	187.8772	472.0685	0.204049191	0.114147003	0.005859562	1.218488341	1.244346308	2.513619807
3337749	GAL	NM_015973	35.34621	45.84003333	28.27731667	374.071667	962.4965667	0.121856864	0.437919453	0.000868932	1.286886804	0.743428663	2.573031154
2800116	HIST1H2BO	NM_003527	124.6236333	119.8656	88.47096333	97.51628	251.9686333	0.53058422	0.071956391	0.000663326	0.961933405	0.709686868	2.563864287
3658925	OR6L	NM_014521	234.1513	278.9654	223.6377667	130.5736667	338.2837667	0.209825441	0.689399977	0.001341162	1.191389489	0.955099402	2.590631262
3844147	MC6L	NM_006739	652.5582333	666.2827	863.5756333	478.1359667	1242.457333	0.006749276	0.069059283	0.003574545	1.323277815	1.014564445	2.598643971
2946219	HIST1H2AB	NM_003513	236.1985	230.0604333	239.6386	225.0595667	587.1046	0.779212231	0.683581313	0.000328936	0.974013101	1.077661925	2.609663158
3936913	CDCAF1	NM_003504	474.8590333	562.0423333	511.7375	144.8024667	398.7303	0.064652647	0.451526554	0.000150846	1.183598276	1.077661925	2.757423917
2947095	HIST1H3J	NM_003536	631.9587	468.9033333	480.0956333	467.6824667	1304.237667	0.006734194	0.013056213	0.000225018	0.741984141	0.759599891	2.788724743
2900051	HIST1H3H	NM_003536	479.9565667	431.5048667	414.3518333	224.9106333	673.6620333	0.145257595	0.231551758	0.000308195	0.899048824	0.863311104	2.995243148
3150715	DCC1	NM_024094	245.1782	302.3967	260.4831667	129.7956	388.8669333	0.088501151	0.742833458	5.92781E-05	1.233375153	1.062423848	2.995994728
2900059	HIST1H2BM	NM_003521	781.9955667	566.8416333	591.6437667	1295.925	3831.926667	0.007022322	0.020846871	9.46575E-06	0.724865533	0.756581996	3.034089616
3940952	ZNF331	NM_018555	186.6743667	193.5371667	188.1610333	28.51564667	171.7591667	0.83811102	0.943414057	0.003444643	1.036763484	1.007963957	6.023330583