

Suppl. Table 1

colors	gene_name	M2+H838	M2+H838+IFNg	M2+H838+IFNg+ ASA	M2+HCC827	M2+HCC827+ ASA	M2 RPMI	M2c	M2c	M2c	M2c
red	FGR	201,2072	157,449926	169,371896	235,16946	222,16914	363,673	147,47	253,11	245,036	199,0545
red	GCLC	101,0435	67,708192	38,86986	68,672461	61,428591	163,102	63,048	114,42	63,2109	131,3124
red	AOC1	21,19559	12,110743	8,162932	4,291654	4,44562	21,8168	1,947	0,7415	2,08101	2,693479
red	ABCB4	4,053912	4,482419	3,383892	3,485212	3,483793	4,96281	0,3142	2,1845	1,44427	1,071621
red	ITGA3	41,99936	26,749809	11,708005	6,707762	7,33596	74,199	15,041	21,374	26,64	26,60431
red	TRAPPC6A	54,60547	51,944621	58,202483	38,526067	38,564818	90,0874	53,946	37,817	45,2119	51,24314
red	RHOBTB2	13,87991	9,028191	5,510006	6,941151	7,704865	21,0282	5,3406	6,792	6,75692	8,544717
red	CD9	708,2375	543,336285	453,087165	353,91663	375,21187	944,746	422,47	567,55	495,211	661,7306
red	CD22	22,59533	16,774026	7,221134	11,088866	10,411894	44,4483	10,937	8,5023	7,8411	8,633849
red	SAMD4A	21,1462	17,268197	9,133171	6,544084	9,127549	24,0749	3,5457	6,0092	6,7503	3,059368
red	FHL1	19,50312	10,473568	5,159885	4,77126	4,141514	33,3331	6,6832	11,021	13,1539	8,249178
red	RRAGD	59,82617	44,379494	33,494032	44,539675	40,935952	53,074	23,697	38,302	41,0628	32,847
red	MAP2K3	79,72614	46,29724	47,313339	63,32879	69,413425	87,8315	31,33	70,35	55,002	57,94067
red	TIMP2	430,5249	371,108406	298,683979	313,11972	276,28668	570,307	229,31	277,38	284,505	228,4951
red	USP2	19,31258	12,593687	5,509255	9,398065	9,94201	35,0639	7,5003	19,569	21,8895	17,09645
red	CAPG	1998,521	1731,414707	1514,252623	1593,9738	1629,2392	2429,11	1387,3	1600,7	1369,12	1372,218
red	ATP6V1H	134,3563	110,317291	111,246665	106,68069	106,73208	187,404	58,753	116,22	100,774	89,04418
red	H6PD	27,24085	28,680046	25,162638	20,189936	21,900353	50,6925	32,796	15,305	17,4101	27,41352
red	CAMK2B	1,795533	0,336782	0,213975	0,491059	0,649402	5,25193	0,1464	0,2138	0,04002	0,219635
red	TSPAN32	8,54042	5,183583	3,593165	5,865944	7,596089	25,5293	6,2866	5,9767	3,37764	5,773862
red	TIE1	60,59889	53,308375	32,353024	37,24341	34,408976	114,16	7,6201	26,385	41,5502	30,65184
red	GAL	421,6398	249,480449	179,847521	165,0309	109,63837	586,412	99,495	156,62	97,5889	255,5108
red	ALDH3A2	94,81289	74,973931	61,752706	43,397797	50,179968	88,5659	83,755	78,763	71,0077	49,94209
red	MGLL	142,8022	119,081362	81,069995	88,5113	88,640293	231,44	79,266	136,5	148,99	86,52082
red	NMRK2	2,587224	1,269122	0,077782	0,802956	0,088495	6,95372	0	0,2556	0,21734	0,13587
red	RAPGEF3	7,713623	4,862701	2,180578	3,818335	1,655726	20,7886	1,3607	1,2558	2,28054	1,184113
red	DUSP13	4,908788	6,155992	2,60039	2,519778	1,864483	9,69862	0,1186	0,8468	0,73381	1,220242
red	ITGB5	274,9241	270,186707	214,922778	221,34568	220,66073	323,613	74,446	115,85	157,121	157,3599
red	HADHA	165,3111	144,032775	119,093508	133,49102	129,4382	196,639	102,8	122,69	128,895	106,0819
red	CD59	581,2357	433,409033	387,249587	324,6933	337,3233	504,11	277,99	315,96	336,912	327,4227
red	EPDR1	17,51908	11,621957	9,728844	8,369951	9,532728	19,1306	3,2685	9,9924	8,47951	3,171199
red	SNX10	66,93396	75,04663	87,646789	67,582187	81,445751	145,444	75,746	96,467	93,5464	60,59538
red	EPB41L1	46,17426	33,790741	18,875936	23,208263	20,04186	72,9138	12,514	19,334	26,9679	27,05861
red	YPEL1	2,595689	0,62484	1,74849	0,865109	0,346472	4,59063	1,3252	2,3149	0,38606	2,948146
red	SYNGR1	54,43235	49,364734	33,328572	31,575442	41,13197	116,049	10,42	20,572	26,2135	47,30592
red	KIAA0930	581,6591	470,45965	313,139457	420,78556	441,81076	889,198	314,23	424,05	359,121	382,6105
red	ATP6V1D	121,8522	101,897989	85,893342	93,60273	86,645719	155,33	59,848	101,63	112,907	78,96261
red	NINL	10,45114	4,163507	3,738131	2,229821	3,079001	12,0257	2,6969	2,9177	3,72445	2,737514
red	MYL9	100,5977	62,391501	27,07037	27,878341	33,877021	149,661	8,1262	23,075	29,7809	34,51135
red	SMS	114,326	85,795188	63,032467	88,635354	93,316797	140,762	63,945	63,192	69,7324	64,9335
red	ACP5	2530,319	1724,537592	1102,533842	990,07865	897,82372	4584,05	498,32	791,77	873,964	959,886
red	HAGHL	25,92167	16,337558	16,019062	14,233881	16,872739	47,8569	19,483	21,344	14,5081	18,37079
red	GSR	103,7319	67,834505	61,624908	86,70396	87,040337	121,437	70,877	85,225	89,5668	55,2327
red	ISYNA1	14,1067	7,26352	4,775203	4,844678	7,58024	20,5146	5,7913	5,074	5,54979	10,29273
red	PLEKHA1	25,69097	20,790151	16,530937	11,491149	11,503007	27,4186	11,201	16,781	9,6846	9,846607
red	VAT1	408,022	370,16318	293,112042	272,73271	289,89983	487,645	238,31	289,23	303,117	309,3244

red	DTX4	12,23883	9,106116	5,996211	4,594562	4,320962	20,0612	6,9839	10,208	7,1514	12,6819
red	CCND1	26,80015	20,882276	18,431324	26,057133	28,854219	37,5955	4,9042	39,346	21,3738	24,8701
red	C11orf21	5,070489	3,26715	2,44496	2,906972	2,400012	14,5855	5,6791	3,9775	2,55993	7,262658
red	TPD52L1	2,340638	0,633392	1,410352	0,303496	0,337921	4,09098	0,2474	0,7126	0,39247	0,604831
red	PHACTR1	8,904978	7,741	4,526442	3,889799	2,479995	12,018	1,8999	3,6752	3,97867	2,859333
red	ALDH5A1	8,170476	3,219246	1,178157	2,877819	2,173961	17,972	2,5497	2,9414	1,62621	2,942537
red	DNPH1	155,6273	91,474604	69,697502	173,24621	137,71866	206,554	117,04	132,71	131,523	78,36115
red	SPARC	709,5169	738,322283	764,049958	248,96102	294,28547	1399,08	556,8	398,14	499,58	434,2825
red	ATP6V1A	106,0506	87,777261	84,264852	98,440466	99,51637	123,349	71,023	121,14	120,615	60,30606
red	SDC1	4,344814	2,862322	1,800798	3,28325	2,073054	16,0377	0,4911	0,7859	0,1744	0,805136
red	ITGB1BP1	108,5292	81,775325	53,643153	83,942983	102,39928	166,326	63,957	124,73	125,54	87,52258
red	NR4A3	8,328108	4,587339	3,377536	4,23247	4,768447	11,0142	1,2255	3,5965	3,79265	2,174022
red	ACOT2	60,8832	47,149267	32,011597	41,103059	37,491338	100,209	52,619	47,489	62,5489	37,44516
red	AVP11	35,8274	27,19496	26,596943	26,458392	28,9231	46,3444	24,566	18,621	23,5955	18,72842
red	NCAPH	75,09077	39,21897	14,359216	37,643877	38,898716	157,804	0,9748	4,9687	3,74164	9,143086
red	CCRL2	54,85269	53,455999	38,288717	37,595585	39,786932	72,1633	33,221	36,164	43,1941	41,99275
red	OPTN	40,13986	39,923056	37,413347	18,019212	27,399804	44,6151	23,907	29,754	38,2323	42,56709
red	RAB38	9,292477	5,319761	3,839493	3,522191	2,578386	19,4547	2,2803	1,4224	2,90843	2,183225
red	OBSL1	2,847685	3,143952	3,933643	2,242652	2,039688	5,72099	0,2046	1,0032	0,67413	1,358217
red	PEPD	234,0781	179,792761	132,990654	149,94451	150,10626	256,553	108,4	118,73	137,661	94,67183
red	THRA	20,35471	15,981552	10,515924	11,252177	10,556533	32,6456	6,587	18,673	17,3842	17,32422
red	TUBA4A	36,95819	40,137218	36,536989	24,038841	38,607383	52,5534	19,939	40,431	33,7107	49,6673
red	SRD5A3	47,09302	32,374138	18,660056	27,913827	28,158853	51,5915	22,915	33,582	33,67	22,36804
red	PODXL	2,289512	1,220791	0,354832	1,246338	0,466818	6,75487	0,2375	0,6143	0,25509	0,35168
red	LSP1	906,122	607,394963	436,174837	548,88397	558,54488	1416,81	444,62	534,55	480,19	542,9237
red	TNNI2	17,76299	10,309435	10,009802	6,336067	9,086848	35,5263	11,48	14,861	10,8979	16,53397
red	ACSS2	53,50536	40,533672	38,954228	47,681247	45,381619	79,4985	38,289	37,688	29,7687	35,17727
red	SH3BP5	65,34369	48,737821	49,097659	36,714851	44,890537	86,4862	33,198	44,849	40,9938	54,1071
red	RBM38	28,93348	22,328587	29,23104	27,265235	27,588676	49,1089	16,15	23,263	21,6006	28,89145
red	CCNA1	5,110934	2,639318	0,852498	1,220778	1,52942	11,5405	1,645	3,5236	2,05468	4,690308
red	TPGS2	55,04194	30,72314	25,624233	29,382058	43,333933	49,5121	19,92	45,738	35,6281	59,75241
red	CD63	2468,186	2104,466941	1503,989701	2040,8999	1980,5621	3009,38	1631,5	1999,3	2393,28	2061,289
red	PLXNC1	77,60965	50,436395	37,586528	30,518107	24,189985	82,9738	58,742	63,267	46,9649	37,10507
red	GNPMB	2918,72	2593,403888	1843,705811	1445,7203	1342,3109	3687,61	1447,3	1698,5	1585,89	1676,703
red	DNASE2B	13,26306	7,732699	2,476812	2,077507	3,698169	8,39312	3,9644	2,4227	4,11568	2,096297
red	TRIM54	8,964936	8,772956	5,131728	9,336165	9,280384	26,7639	0,3658	5,4428	4,17001	7,025352
red	CIR1	108,9417	63,790855	50,862178	44,270929	38,689553	147,272	32,587	29,67	25,1289	47,78108
red	RASGEF1B	48,90378	52,056697	34,426759	43,241616	43,792048	58,6935	9,4651	29,165	27,2122	23,68566
red	RHOF	38,74699	34,083565	19,92955	25,981594	21,854521	64,5362	14,337	21,237	15,3065	25,90478
red	TOB1	37,92235	29,234646	22,254048	26,784971	26,503093	55,0597	20,743	25,35	25,4594	28,97801
red	COL6A1	116,1821	116,829837	71,52726	37,025977	45,654863	229,81	14,209	59,763	53,394	34,60479
red	COL6A2	104,4187	137,694465	78,290213	39,690174	48,568006	208,419	14,979	53,686	49,6072	42,50088
red	SH3BGR13	1992,364	1230,721431	1163,255675	1823,3015	1950,4854	2663,41	1299	1630,4	1902,98	1593,205
red	PRKACB	51,00188	32,132633	17,483109	29,744285	27,223792	46,2844	25,883	22,263	25,5004	16,73347
red	CRABP2	323,7949	275,799556	155,414414	235,39923	251,87027	581,676	29,118	181,34	269,078	215,717
red	LYPLAL1	45,51215	34,023486	21,097025	19,534581	21,981506	36,5848	19,436	22,161	18,724	18,07695
red	PSEN2	52,18577	39,081999	27,02171	34,056473	35,074475	80,9418	33,43	35,235	47,3118	39,69124
red	TM4SF19	729,2148	388,624366	158,903286	293,40284	305,69919	1092,31	73,455	282,2	252,589	304,2276

red	PAM	80,72247	77,041684	45,193408	40,558044	34,488951	148,341	119,82	55,934	74,5108	70,43728
red	TNFRSF21	36,03749	33,931104	24,431101	11,094903	9,294136	51,2395	9,7132	17,725	25,213	49,97815
red	MFHAS1	52,43002	34,114354	23,488563	17,348468	16,609064	37,5124	25,401	26,041	30,6804	43,26617
red	PDE3B	9,142379	5,794004	5,496173	6,161617	5,88546	17,7337	5,7538	3,164	4,49693	4,458281
red	UCHL1	44,64587	20,470182	6,621139	23,972318	19,87916	93,7575	11,104	21,693	31,5224	24,8083
red	RAB6B	3,408204	0,657712	0,32485	0,173603	0,493136	5,1772	0,0719	0,1505	0,11278	0,17631
red	TDRD9	6,17312	4,679195	4,440269	3,35907	3,298881	10,73	1,5887	1,4939	7,96537	2,395735
red	SSBP3	55,7551	49,810297	35,008731	43,560702	42,1424	94,5864	38,735	50,512	71,0381	82,93133
red	AFAP1L1	31,92151	20,03393	9,166112	7,791851	6,819449	43,4695	9,4521	8,3305	14,9598	12,75022
red	TSPAN33	85,51716	49,384658	43,942696	29,708562	33,109526	88,4393	101,9	59,21	54,7781	46,64818
red	SPON2	100,0628	70,854038	29,050396	19,653857	24,127839	178,755	3,1575	5,9473	3,68935	15,29062
red	G6PD	332,8691	204,381626	147,406739	187,84896	197,47147	488,615	110,82	130,47	138,075	105,118
red	CSTB	859,8256	759,65374	580,919575	577,98783	677,02978	1029,65	681,02	621,72	743,514	697,681
red	LY6E	131,3368	105,990514	80,855234	89,647033	102,90215	188,131	105,16	42,956	150,549	87,86606
red	AMDHD2	58,53379	54,393612	27,346332	25,466607	28,599288	57,7182	49,444	50,381	48,0007	49,50567
red	ATF3	164,7007	154,017642	79,303412	102,17358	101,94887	225,826	38,153	138,45	111,654	187,8781
red	C1orf115	2,221599	0,917692	0,783242	0,685712	0,449394	6,14681	0,3272	0,3365	0,7095	0,972272
red	FCMR	87,42958	57,797773	37,824486	29,635977	24,327738	99,6713	32,927	23,78	40,2699	45,80688
red	ARHGAP25	61,1919	52,292354	37,052155	41,742445	36,669427	75,975	39,969	40,035	37,6263	37,35858
red	SERPIN1	4,813459	1,862938	1,702664	1,327409	1,478315	4,82914	0,4938	2,1003	1,21003	1,298949
red	ZDHHC19	1,649364	2,116986	0,490886	0,498777	0,272017	6,60667	0,6123	0,3362	0,62735	0,975365
red	AK8	18,57775	14,172911	16,292404	4,743774	14,229476	25,28	6,4545	8,041	11,38	6,1988
red	HTRA1	30,70829	58,172714	41,803547	13,188495	13,109208	65,1587	13,545	58,303	20,1345	33,05316
red	PCBD1	123,7077	100,563479	81,074361	101,66918	99,302815	140,927	79,56	73,929	83,0807	63,35536
red	YPEL4	12,07914	14,180354	13,649264	4,912228	6,316883	20,6764	4,7999	9,9672	12,183	19,24712
red	ACAA2	101,9287	81,65364	68,047351	68,410611	74,248166	146,56	43,734	73,635	75,4583	61,70926
red	TRAPPC2L	77,89114	44,686208	33,209368	50,891047	48,064165	84,1408	30,495	54,432	41,7766	43,75712
red	GPD1	13,33391	8,975913	2,968363	2,907828	3,177976	30,0304	3,5701	3,688	7,27511	3,384943
red	GSTM4	46,33499	32,765957	29,13473	36,646895	37,92125	85,7473	13,147	21,203	15,4982	16,85505
red	PPIC	14,56504	12,701529	9,980795	12,140804	12,965413	21,0509	1,7647	11,051	7,91262	7,124813
red	SLC49A3	46,41141	30,686457	26,255932	51,853176	45,840421	81,5589	34,467	41,575	35,9631	40,67516
red	HTRA4	15,1212	11,792883	5,765934	11,15213	8,874725	31,5407	12,152	16,375	15,4279	14,45405
red	TMEM266	6,968876	6,39797	6,733296	2,314912	1,799321	13,0441	3,3871	3,6176	5,59408	3,72797
red	GUSB	206,401	197,73745	136,668987	262,38887	251,83644	383,612	207,76	142,56	236,758	201,8744
red	CMTM8	7,461956	3,526815	2,363626	1,601848	1,429513	6,91315	0,9597	1,6541	1,37958	1,373588
red	FABP4	298,1673	323,835186	88,889004	55,404548	55,15743	464,159	65,805	299,85	606,804	47,2666
red	ARL6IP1	217,976	212,844829	201,153534	218,41929	197,43673	251,673	121,1	179,03	173,057	148,1406
red	CYTL1	10,32907	4,907475	5,335131	2,508435	3,93029	17,9152	5,682	0,6891	4,87363	0,555658
red	SERF1A	3,077156	0,95504	0	0,480732	1,578575	5,91138	1,8897	1,3783	1,37168	0,617034
red	MYOZ1	4,959446	2,754872	1,280683	4,765695	2,482479	9,79754	0,4328	2,5671	1,59533	1,810007
red	ZNF366	8,825097	5,620807	3,083809	5,865709	6,882138	16,0108	6,149	3,8608	4,51107	3,169584
red	MAGED1	27,73682	25,890792	25,569278	22,45401	25,319214	37,1361	13,447	17,974	21,2474	17,15457
red	AKAP5	1,648108	1,649584	0,449431	0,711107	0,488487	2,62133	0,4225	0,7983	0,2557	0,429633
red	PDXDC1	85,62415	76,258329	68,558599	46,725285	50,178941	90,1536	53,579	68,817	42,5369	63,44461
red	SLC26A11	167,3162	142,795988	99,988406	112,49947	90,52249	292,52	77,591	79,561	83,4426	79,69445
red	TUBA8	11,74917	7,269009	1,940423	4,005696	2,795928	25,2116	0,8577	3,3669	6,82199	2,051971
red	PRKX	36,96621	22,701457	16,840146	19,618665	16,673221	43,7632	16,166	18,25	17,5234	23,95469
red	BCAP31	740,3177	652,597437	546,744031	713,54786	690,75485	1029,6	402,72	548,88	645,743	597,6736

red	GPAT2	18,5005	9,204447	5,510959	8,419076	8,6616	36,3411	2,1439	7,4142	35,7324	5,641431
red	RAB42	164,696	109,003842	69,164445	58,502921	56,621495	111,265	81,229	114,59	112,97	68,47722
red	IARS1	46,13708	27,735497	20,701719	43,101223	42,148521	72,8922	29,424	44,119	37,4075	34,6143
red	EVL	167,937	113,540274	87,259037	150,26762	135,53387	227,935	119,59	175,53	127,601	210,9159
red	GM2A	1810,211	1470,98399	983,797578	906,75668	874,7928	3430,67	605,56	590,73	683,126	457,0163
red	FLNA	438,6684	315,435299	306,885332	478,95079	474,61177	726,423	442,25	513,8	543,492	388,3483
red	SIGLEC15	24,04819	16,696995	11,376994	7,184374	6,378412	38,8292	8,9094	18,858	12,5521	18,81262
red	MBP	57,49516	57,95146	56,827052	31,605266	32,766567	75,1741	41,977	43,529	45,7776	65,48396
red	SULT1C2	7,681876	6,141357	3,735973	2,00146	1,429868	14,5036	0,7424	6,1106	9,37559	3,137736
red	SLC29A3	78,67988	61,31448	50,956291	55,314762	60,581058	127,716	48,09	64,013	69,9608	65,46041
red	TXNRD1	305,4756	258,408848	211,847868	210,23586	199,18074	458,238	138,01	206,08	170,08	146,2726
red	CES1	14,50285	22,599876	35,213533	5,145295	5,92982	61,5453	15,64	2,9599	23,4816	10,06013
red	CCDC85C	0,719407	0,795497	0,378521	0,414881	0,462509	4,26214	0,5215	0,4111	0,3638	0,534895
red	MT-TA	9,182627	0	0	0	0	4,74498	1,6894	0	0	0
red	MT-TS1	4,591314	0	0	0	0	4,74498	0	0	0	0
red	SLC48A1	61,02759	45,50209	35,519824	39,010086	41,183857	76,215	34,305	30,733	36,1321	26,54915
red	AC098828.1	3,009151	0,322421	0	0	0	6,43161	0,1804	0,6394	0	0
red	ROR1-AS1	7,588459	3,744635	1,39601	1,638525	1,734958	8,22467	1,1554	1,1472	0,96799	1,476985
red	UBE2D3P1	2,517674	1,258791	0,473292	1,884885	0	1,9278	0,1762	0,7816	1,0645	0,318643
red	SPTLC1P1	4,128823	0	1,641836	0	1,776615	3,16127	0	0,6929	0,76952	0
red	LINC01135	1,538531	1,667563	0,631418	1,072988	1,116541	4,80764	0,059	0,546	0,18127	0,515547
red	FABP5P7	26,91809	30,746785	22,734535	32,156221	33,295335	71,0074	28,38	34,058	52,0844	37,95174
red	TM4SF19-AS1	38,32814	24,259766	2,51223	11,029431	13,651404	49,7739	3,22	11,818	11,7577	23,31768
red	GPAT2P1	1,079743	1,045106	0,43452	1,216625	1,241471	3,73882	0	2,2593	1,17531	0
red	AC008897.1	2,554617	0	0	0	1,031371	1,76729	1,2499	0	0	0
red	AC093627.5	14,88332	9,585803	6,094468	5,47552	6,918034	9,79547	2,2876	7,9105	12,617	9,103667
red	CEBPA	147,8252	97,321763	70,633964	86,796126	74,021839	169,8	87,654	69,551	78,2613	89,57867
red	ZBED5-AS1	28,11988	18,1408	9,887415	13,519774	14,400374	34,6465	14,576	18,45	17,3716	14,43003
red	AC069360.1	3,981679	1,758219	0,49892	0,662608	0,964379	6,93352	0,8296	0,954	3,78492	1,898287
red	AC008581.1	2,132007	1,834375	0	6,366221	0	7,27721	1,6599	0	1,03397	0
red	AC025165.2	3,047856	0	0	0,244543	3,805311	6,30067	0,7841	0,1953	0	0,216712
red	AC011603.3	74,81957	36,425249	21,164648	36,004635	53,159872	66,1519	30,947	52,561	51,4717	53,84586
red	AL157871.1	23,77707	19,945652	10,789542	8,690294	16,494125	26,2787	20,408	13,41	14,1478	26,44682
red	LINC00520	24,64021	15,909659	4,576303	5,082791	9,616166	12,8007	9,7213	6,9105	14,0926	16,64826
red	LINC02244	95,81211	61,666801	26,80551	26,3523	40,186453	125,404	11,325	50,235	65,5496	68,3
red	SPINT1-AS1	5,467622	2,179259	0	1,813475	0,439242	7,18176	1,2616	1,7911	2,69652	3,794107
red	AC129507.1	2,674818	0,692984	1,059261	0	0,338957	2,67557	0,125	0	0,01564	0,044284
red	RN7SL4P	9,621012	5,929718	4,785149	5,903121	3,361506	26,8065	1,4043	2,3553	1,94717	1,172065
red	AC103810.2	3,542803	0	0,19971	0	0,222886	1,04765	0,752	0,0761	0,67117	0,703415
red	AL136084.2	1,908872	0,717843	0	3,534935	0	5,59945	0,7319	1,247	2,06468	1,203247
red	AC008738.3	83,49046	67,302969	51,130119	58,180416	51,378209	119,509	47,125	33,13	41,8703	43,93828
red	AC022966.2	5,668405	0	0	0	5,070844	13,336	0	0	0,39852	1,344738
red	CKS1BP3	3,948398	1,555494	0	0	0	1,6619	0	0	0	0
red	AL008729.2	2,725799	3,723272	0	0	0	1,47746	0,5979	0,7783	0,94651	1,308233
red	AL157904.1	0	3,3935	0	0	0	2,24445	0	0	0	0
red	AC012360.2	0,60535	2,725445	0	0	0	2,11047	0,2508	1,0942	0,74818	0
red	AL391834.2	3,364809	2,919541	2,320464	0	0	5,13874	2,7496	0,8944	3,88348	1,665238
red	M4SF19-TCTEX10	25,28934	12,664734	10,361583	10,295139	9,397171	35,9648	3,3124	14,298	16,9666	17,55841

red	BX640514.2	4,967786	2,163041	0,565739	1,249103	2,377792	5,71786	0,3472	0,6658	0,43745	2,20877
red	ADRA2B	13,0817	8,32495	5,855359	4,259139	5,311844	33,7938	0,6209	4,9968	3,77221	8,770777
red	RAB7B	88,63773	50,546131	29,916747	38,139479	38,58838	100,522	31,281	71,067	64,5726	52,94129
red	DHRS11	43,50151	29,605922	16,935611	17,716581	15,483248	73,159	6,7263	16,835	18,3972	11,63189
red	MIR7847	0	0	0	0	0	10,0367	0	0	0	0
red	AC005280.2	13,67056	4,67989	2,148403	8,701487	8,791952	15,1075	5,5801	13,165	10,4175	5,70534
green	SLC25A5	326,9921	238,01602	195,041727	367,46867	319,47606	370,202	230,76	277,46	284,769	166,1654
green	PRKAR2B	4,943238	4,009465	5,624587	11,091061	10,774445	6,71777	1,2271	1,3546	1,39595	0,454439
green	ALDH3B1	71,301	60,368274	60,342437	77,986063	72,905514	118,492	54,049	51,259	55,0447	55,60442
green	CCL26	0,840104	1,468266	0,298354	12,969777	5,578149	0,92323	0	0	0	0,110591
green	UQCRC1	219,7767	183,678086	159,923803	297,55762	247,02133	271,175	157,31	189,68	189,2	159,9118
green	MDH1	294,4376	212,976509	182,249121	295,06936	279,99117	380,099	171,32	279,43	281,117	181,9235
green	ALAS1	86,1759	74,209315	77,018617	98,20636	97,716281	150,215	58,724	70,337	69,9628	57,25801
green	CTNS	62,10274	51,81573	43,428307	98,429203	88,386695	70,4097	49,204	60,399	44,826	46,57153
green	MPC1	93,46001	69,799822	50,594893	103,97794	94,663278	143,262	46,953	58,67	43,5241	38,74136
green	SNX24	45,72889	34,972512	35,41824	35,067344	41,895966	43,7674	18,264	26,405	27,6998	20,92569
green	PFKP	40,22062	34,918574	28,771739	68,964698	70,792406	64,8263	23,635	29,816	38,1547	30,06179
green	IDI1	55,19145	50,186869	41,228867	83,766296	81,708812	66,6854	41,823	67,107	28,3036	32,9127
green	METTL22	32,05602	22,307909	15,33559	24,201204	31,486125	42,6758	13,555	11,365	10,5722	14,73608
green	ATP1B3	171,2107	136,740369	118,312332	191,00997	210,75569	152,158	98,563	130,91	143,624	104,6039
green	MGAT4A	48,51958	37,185702	28,345401	76,730917	58,478967	32,6477	45,5	57,544	24,7309	37,63061
green	ACTN1	108,0152	97,5449	85,085598	114,31254	122,77293	156,116	67,452	93,832	105,84	94,64979
green	RHOBTB1	6,918888	6,653012	4,435516	13,033904	10,168559	3,64124	1,0627	4,2726	3,40135	2,939343
green	ACTB	5928,382	4337,803299	4536,029715	8452,5836	9082,8338	6418,68	8158,9	5613,8	6385,42	4508,847
green	ARHGAP15	16,25027	14,51863	13,0911	24,611245	25,396175	17,8051	11,312	6,5138	7,90478	8,371906
green	EPB41L2	34,63721	26,826995	19,585074	64,891841	56,645531	37,2366	20,561	29,413	20,4025	17,10476
green	MGST2	75,16099	52,498827	49,572857	102,37567	87,323467	84,5777	49,039	72,072	67,6507	50,42855
green	MMP2	30,2944	26,966414	20,81968	72,252624	46,798614	71,7472	2,5845	16,485	8,51232	4,34882
green	NDUFB2	425,9068	327,602212	308,489802	610,5702	521,14741	558,413	326,29	410,01	415,613	292,8138
green	FH	51,1054	39,226873	31,399117	56,460061	53,896334	72,6129	33,482	49,999	53,4905	32,65386
green	CDC45	1,3581	1,976875	0,282238	2,846052	5,054543	3,30292	0,3241	0,8412	0,40457	0,974887
green	TREM2	552,3662	421,754965	298,420159	641,71433	600,36296	960,192	373,36	410,7	491,73	322,8102
green	LGALS1	2406,643	2006,008385	1939,541258	2597,6535	2685,9608	2664,96	1344,3	1579	1362,28	1689,068
green	CENPM	4,254639	0,777922	0,506329	4,035021	5,318384	3,93395	0,3128	0,9476	0,51067	0,48454
green	ACO2	103,9485	71,771155	65,180225	108,3157	101,2456	141,84	60,849	65,585	86,403	64,80469
green	ITPK1	87,08766	76,718114	60,408789	101,56527	87,096069	125,452	49,722	53,205	44,5144	50,11517
green	MTHFD1	45,53241	26,777126	18,223063	47,592989	42,614069	61,9803	27,029	41,267	24,9291	21,7321
green	CPNE6	0,559285	0,522318	2,616465	4,734354	2,325594	6,2539	0,0952	4,1637	3,92606	2,400282
green	MYBL2	4,34212	1,343487	0,854566	4,832891	5,838309	3,22531	0,1357	0,7011	0,25682	0,695321
green	HM13	345,4722	246,186404	221,402207	305,10822	321,1702	431,483	197,2	282,18	311,732	226,0199
green	E2F1	4,417751	1,671344	1,460156	4,984944	7,826816	4,32328	0,7577	1,0706	0,97336	1,452019
green	AHCY	106,5967	86,510044	53,650459	157,52907	118,94438	96,2143	54,222	61,009	64,4123	56,19699
green	RGCC	259,1722	184,787715	179,25382	343,80046	436,84055	339,264	72,552	255,15	218,835	244,2068
green	PLA2G15	124,834	91,544547	71,00687	113,86349	79,699755	116,335	62,325	75,967	80,8796	67,99035
green	FA2H	2,407772	0,985984	0,995594	3,873207	6,477971	3,80267	0,1451	0,2005	0,03435	0,064806
green	CD276	145,8525	109,297021	87,309934	171,83897	160,01951	188,151	30,186	102,58	103,667	95,43203
green	CA2	110,4187	127,195124	86,00208	161,63052	159,02618	156,465	25,771	74,784	83,0281	91,08428
green	DECR1	131,6335	112,801178	115,861292	133,31526	139,69684	156,622	80,239	99,121	105,479	79,71593

green	SQLE	20,91482	18,5287	14,091195	34,287402	38,722104	34,2198	21,762	42,734	5,48023	15,1332
green	MCM4	17,06287	18,456715	5,266904	30,256656	39,242392	25,8779	5,149	9,696	6,19552	6,441768
green	ILVBL	41,93792	30,342518	34,259609	38,67011	38,662563	38,5044	20,679	21,847	23,9882	20,10485
green	MAG	1,598006	0,806592	0,667539	10,474547	6,037587	5,10894	0	0	0,01497	0
green	RHEB	133,2336	111,260179	97,824096	128,60213	120,46676	150,247	63,331	113,45	101,287	91,69065
green	TGFR1	31,17264	26,581247	25,120807	52,073028	44,207918	36,2795	8,8586	12,034	10,5346	9,972645
green	UNC5B	1,429362	1,374199	1,304128	4,496925	1,822349	1,93054	0,148	0,386	0,24995	0,080411
green	TMEM97	3,447167	1,861392	2,008049	12,168503	6,199042	4,00924	0,9595	2,7745	1,13736	0,739399
green	WFS1	13,18817	15,843953	14,454068	25,818143	21,34771	24,8212	5,6144	9,5548	7,21985	8,9357
green	NCAPG	1,53891	0,833001	0,333708	1,412403	2,578862	2,50368	0,4992	0,5731	0,26718	0,461858
green	SC5D	34,15798	30,005889	24,720969	53,931155	50,088958	41,8295	22,812	37,923	12,5655	19,06295
green	ANAPC15	50,28759	36,202166	22,075612	59,925718	52,528159	48,4138	31,052	35,155	35,4283	25,44359
green	ARHGDIB	908,0619	723,00556	744,325306	1364,536	1234,3786	1126,93	752,71	682,25	628,157	525,2853
green	LDHB	162,964	148,701044	124,573334	231,38392	232,47567	215,291	83,504	144,3	133,329	94,1779
green	CD83	102,7284	106,706578	99,233015	108,80923	121,57462	135,631	43,198	69,998	65,5749	54,71415
green	CUTA	105,4132	103,817855	102,574998	130,4621	122,32317	150,141	73,527	76,811	96,1558	75,88694
green	CCND3	68,22684	74,636619	87,456879	110,77254	125,6164	90,7424	46,27	56,565	59,4777	62,51098
green	HMGCS1	34,12206	26,77337	22,825398	48,538107	52,455344	43,5002	17,671	36,056	10,1513	15,0746
green	HMGCR	26,4888	28,468243	16,88728	56,397153	64,893658	41,7312	17,151	34,842	11,8216	18,21529
green	PCCB	35,89288	24,996219	21,934364	36,047966	31,869693	48,4138	16,952	27,245	26,7305	23,21998
green	NDUFS7	137,6627	107,63676	110,11217	155,53025	141,35551	163,112	95,008	105,06	106,653	82,9051
green	ID2	142,2167	123,251159	75,141933	238,1661	209,63265	200,154	86,899	127,25	134,495	115,8777
green	HPCAL1	121,8266	99,006535	82,463065	108,54234	117,79598	152,991	55,281	71,361	66,6893	73,85452
green	ODC1	21,75058	20,287154	13,007762	36,544633	30,685532	37,8921	10,299	29,551	23,9921	15,86969
green	PLEKHB2	203,1265	177,650529	167,276618	226,20499	204,91312	218,272	117,94	161,04	156,312	137,0329
green	DHCR24	60,52239	49,386102	41,8323	82,110048	97,032018	84,9362	42,139	84,232	22,2544	51,27466
green	SCP2	173,1518	150,322239	138,296884	166,82927	168,7756	205,681	110,4	134,31	136,387	104,7293
green	PLA2G4A	12,07835	8,23857	5,385408	17,580068	16,676874	8,44937	4,8961	6,6136	7,0445	4,816279
green	AKR1A1	382,2837	318,602774	287,634504	362,69642	304,73918	435,287	244,36	296,25	267,257	209,8015
green	PRDX6	110,7452	82,054047	80,687337	147,67816	139,51625	143,672	72,429	89,956	96,4516	93,44989
green	HMG3	72,16167	57,349708	39,420806	77,987633	83,588272	96,9439	51,29	65,614	55,6441	43,89273
green	RPN2	218,4671	181,035658	152,54316	288,12585	241,10297	224,715	147,15	168,74	178,451	128,893
green	CTNNA1	10,25188	9,985414	6,156774	15,043016	14,297213	10,3578	2,2353	4,5157	2,46307	5,325494
green	GALNT12	16,1931	13,750356	6,642445	25,546442	24,870931	42,8233	3,4432	7,8158	11,1402	12,77745
green	GOT1	15,44205	11,627884	10,996406	23,065415	19,711857	22,2923	6,6418	9,6641	8,22108	9,088891
green	ACAT2	96,4536	72,531902	47,436068	72,753244	91,727438	172,053	28,239	61,439	23,4525	41,18836
green	PLXDC2	51,48791	50,231692	53,749518	81,720453	76,185213	77,1727	39,709	42,086	41,677	46,13774
green	SIL1	79,70444	65,121356	77,676964	101,55502	103,35002	105,539	39,026	46,648	48,8158	42,68104
green	ZNF706	125,5704	96,496529	89,75015	145,81063	148,09346	168,925	73,977	114,68	117,249	101,1123
green	ANXA11	324,1853	237,312958	193,261537	265,09758	266,91319	428,615	159,05	223,77	234,503	199,0021
green	ACO1	48,38783	39,474942	49,321474	51,803972	57,420777	82,701	29,477	44,508	45,4986	26,10321
green	EGR2	117,7054	98,456339	85,162991	172,57814	178,2656	161,74	7,771	40,021	39,0874	36,77231
green	ZWINT	11,6936	6,785979	3,824455	12,733512	15,63662	11,2622	4,8525	7,5893	5,38062	5,174765
green	CHPF	5,238921	3,914191	4,48534	7,533799	8,803505	8,57639	0,8147	3,7831	2,21119	3,356648
green	RAP2A	43,78015	31,698236	28,946069	63,383136	59,103985	39,1674	21,236	32,567	31,7024	21,96821
green	TM9SF2	133,1857	120,985002	117,13358	150,58532	132,81746	143,606	82,509	107,88	96,6383	89,09492
green	NDUFA1	486,5815	374,649152	311,975429	549,42651	463,35192	564,261	304,67	358,43	404,279	318,0819
green	ECHS1	102,9237	81,945973	69,893389	117,16347	99,930609	133,287	62,837	75,131	76,2322	66,20091

green	RASL11B	5,177895	1,904149	1,22074	3,67635	3,275949	11,694	0,2791	1,4606	1,55168	0,878057
green	RAC2	293,8098	196,105385	190,616892	342,97559	384,09164	482,702	129,01	249,22	242,989	218,5759
green	ATP6V1F	755,1723	688,133991	521,859722	985,83846	905,49046	969,498	558,96	785,92	833,606	689,194
green	MYO1B	1,552038	1,604199	1,919044	5,859782	5,713431	4,68257	0,4879	1,9933	0,85581	0,416363
green	TWSG1	20,48676	20,166463	22,452513	29,24579	30,075919	23,8243	10,28	17,613	13,2976	15,78743
green	ARPC1B	1465,891	1275,194364	1249,074887	1662,1406	1587,1237	1541,15	927,92	1072,2	1064,81	1091,335
green	GIN52	1,540583	0,694904	0,436162	2,149099	4,002238	1,86151	0,3163	0,7013	0,3549	0,533933
green	COX7B	75,4261	59,930744	47,750554	73,351236	76,249643	81,4654	34,984	69,177	70,1209	45,18517
green	PPT1	710,3462	479,601659	385,153917	619,08813	584,17899	899,046	412,95	293,5	336,207	287,2727
green	DIAPH1	36,00366	33,271178	41,510283	62,262453	64,483169	59,5894	34,946	32,785	34,1678	34,52851
green	ENOSF1	39,96044	34,389889	21,950071	49,767063	41,260595	54,6523	25,646	36,614	37,0863	23,26359
green	VSTM2L	0,247412	0,508625	0,466923	1,578265	0,668047	8,08469	0,0889	0,1489	0,18606	0,368458
green	ERG28	10,74144	10,175073	8,994379	15,196078	15,500495	14,8965	4,2011	8,5503	2,84249	4,096663
green	DTNA	12,47566	11,168757	7,710218	13,194239	9,558169	16,3914	2,9504	5,7577	4,7554	3,148874
green	PDGFRA	11,4855	9,157262	3,930653	8,969663	5,719844	10,3868	0,7785	4,8822	2,17285	2,115866
green	TM6SF1	68,89643	56,068431	52,106663	70,220995	59,822057	79,5901	27,142	35,184	42,7097	39,19383
green	ENTPD1	41,01749	29,697445	25,401803	45,698965	42,837402	42,8436	25,434	26,487	18,7594	16,82638
green	SEMA7A	23,34251	15,762988	15,290587	33,962936	33,562502	41,2145	12,078	16,948	16,5013	17,18336
green	PPA2	89,29076	73,136361	86,51751	88,544418	99,170617	100,793	47,502	72,806	73,1906	47,29142
green	SLC38A6	135,1099	111,173017	73,6409	118,10966	104,90796	134,804	53,279	96,437	87,8737	67,19281
green	ABHD2	44,22926	39,565399	35,224085	98,530822	79,536115	61,735	33	49,078	47,2911	38,05808
green	IGSF6	237,0362	178,326748	217,137737	417,87398	396,68262	336,994	64,312	67,071	58,6553	27,20375
green	EIF4A3	165,5678	144,949965	140,648291	199,72013	172,71465	194,869	130	106,89	126,346	89,66442
green	TNFRSF11A	15,69943	14,366687	5,788399	14,02241	12,259451	22,7957	7,1341	10,557	9,96928	6,671259
green	MPC2	49,13177	40,512784	34,314813	80,154267	98,553928	73,486	20,723	36,112	29,0825	30,87724
green	LSP1P4	1,858007	0,538348	0,466883	4,485471	1,104797	0,91176	0,3718	1,073	0,38485	2,941666
green	ADAM15	83,89773	62,062727	51,396766	90,714002	95,496023	100,629	83,931	48,106	63,5753	64,90703
green	ETNK2	3,302026	1,611212	0,885183	4,919026	3,150591	10,2423	0,2549	0,625	0,57632	0,544274
green	PDIA6	206,9702	166,445562	138,620671	271,11796	241,76577	221,73	108,76	197,95	193,07	104,2616
green	HES6	16,92849	11,571618	10,754622	16,756644	14,827692	23,5316	4,518	4,6996	6,57872	4,634825
green	MSN	313,906	287,778981	274,380278	447,89493	402,10743	354,673	243,53	236,04	219,683	196,6904
green	EBP	59,62496	60,957644	51,61372	77,722658	96,120523	80,0874	24,262	32,612	16,3495	24,08224
green	NDUFB9	262,784	204,125569	189,851962	260,16523	273,28451	421,499	168,26	243,26	279,294	229,3411
green	HSD17B12	78,83963	76,966574	61,928805	101,68903	99,108697	90,1424	23,903	28,797	40,9259	31,20518
green	OCSTAMP	16,96655	10,185388	8,126256	33,404419	36,318705	20,5813	0,3995	3,956	3,44587	4,340584
green	CCDC102B	5,821979	3,889811	5,953138	9,517788	13,013246	5,87552	0,7219	2,6984	3,81946	2,859033
green	QDPR	35,06021	27,858165	22,990086	36,047409	49,215916	46,1022	22,656	22,484	27,503	25,58969
green	ATP5F1A	330,5403	244,754702	224,184961	375,76459	350,77434	454,985	217,51	287,26	322,152	231,4596
green	ATP5MC3	314,0778	215,926197	215,619628	372,37933	347,33614	417,455	177,97	274,41	325,576	213,7637
green	SLC16A1	21,55639	16,453466	12,72766	40,036644	24,039895	39,0528	17,284	19,341	14,9913	15,84823
green	PDIA4	101,0775	83,669379	80,200178	142,65311	120,30932	88,692	66,908	131,44	128,692	67,17164
green	ADK	41,72859	34,035826	34,87024	61,961053	57,134647	70,6752	32,714	35,207	19,7939	22,22328
green	TSPAN7	1,727052	1,018641	3,197399	4,277932	1,823001	7,35534	0,1988	0,2145	0,25256	0,068544
green	MAPK13	45,69665	43,297061	36,446814	43,980077	55,459594	51,7842	22,99	30,787	38,2774	35,12551
green	DUSP2	39,79114	22,973027	21,983673	34,479454	36,481293	60,4318	7,9074	13,825	10,8061	18,37623
green	CD1A	6,521361	1,335001	2,363738	7,389064	7,148119	1,59479	0,1155	0,3581	0,22156	0,588526
green	CD1C	8,228023	1,438813	5,286149	13,726359	7,315318	5,07599	0,743	0,6471	1,08367	1,257387
green	PDXK	222,3324	209,877327	221,174873	274,01146	276,58123	274,963	126,43	178,87	170,632	137,4511

green	HK3	277,6124	264,565435	220,372787	387,71474	393,07934	396,567	196,07	302,99	345,648	279,4442
green	MFSD12	846,1585	680,89185	446,723889	770,1552	734,83874	1307,8	263,18	581,06	591,489	621,4616
green	BDH1	7,251415	5,095656	4,908874	13,965342	15,518609	14,377	2,8368	4,6809	2,7967	2,425796
green	HPGDS	5,133216	4,945879	4,047767	13,113637	12,035148	8,50951	0,7587	2,0668	2,99797	4,793519
green	KBTBD8	9,950738	6,050681	7,759522	16,293198	17,687161	11,0707	4,0019	5,8526	6,44602	4,472955
green	DNASE1L3	5,681799	1,514198	0,295056	1,527089	1,153722	3,6572	0,4281	0,0301	0,14861	0,03198
green	MTMR14	80,31489	77,738257	82,519064	101,54368	105,31411	92,0018	45,548	66,726	60,9525	61,29814
green	STARD4	15,8303	15,519071	8,89363	42,495306	42,350244	20,3656	15,06	24,518	7,9547	11,8893
green	UQCRQ	201,1045	186,373804	134,821457	248,38943	237,96521	263,779	132,11	187,95	193,479	140,8177
green	COX6C	357,9437	288,056055	280,436242	424,28371	403,21708	443,841	237,72	343,03	358,297	258,3173
green	DCSTAMP	112,0715	109,917504	60,811273	192,34622	247,3071	173,853	43,888	95,121	78,8146	78,33415
green	PCLAF	5,686226	2,021215	2,897739	10,900263	14,523197	3,59602	0,4423	1,1165	0,23	3,487824
green	YIF1B	107,5242	92,670159	70,770652	125,55712	127,14475	105,107	66,633	82,854	85,2259	65,96557
green	CHAF1A	10,59851	7,528502	5,23455	14,747889	12,631353	12,3982	3,5034	4,5986	3,41933	3,99662
green	IGFBP6	4,82394	7,056312	7,962316	15,138996	8,884952	13,2978	1,9395	12,027	8,36207	18,50511
green	TK1	19,08194	9,319193	8,732559	14,900743	17,622288	17,4845	3,3818	3,9173	4,48347	3,446913
green	ACOX2	6,771887	1,508708	1,131521	13,84852	10,704304	8,83199	0,4259	1,2897	1,38791	0,569702
green	MFSD2A	17,1776	12,998421	18,605904	30,337344	35,031603	33,1834	3,3871	3,0172	2,7742	6,800641
green	ENHO	2,744532	2,051712	3,273832	5,748585	4,62282	7,40604	0,0393	1,1622	1,2682	0,192025
green	DCXR	79,25033	42,693783	44,824375	75,511365	76,605964	96,855	37,133	43,206	35,9933	36,18468
green	LIMS1	180,2649	129,190967	104,113443	192,9121	169,03567	263,008	61,729	126,98	108,258	85,06682
green	ITGAM	189,0738	163,757395	161,6606	271,27644	253,44414	184,966	130,1	138,96	168,576	153,3354
green	CDK1	6,02883	2,003783	1,091356	5,730527	6,145007	4,14464	0,3688	1,9548	0,70954	1,072489
green	COL8A2	20,97886	13,622183	12,376415	30,68164	32,227618	40,4848	9,2907	17,209	21,8041	22,70793
green	RRM2	14,0887	2,567432	1,059594	12,053689	10,620123	7,78982	0,2176	2,8472	1,29751	3,654012
green	CFL1	1757,37	1391,497417	1114,440479	1840,0126	1822,1069	1778,97	1317,3	1431,1	1548,16	1150,03
green	MICOS10	123,1048	102,43634	74,230479	124,77322	137,85943	131,519	60,186	108,59	91,1115	70,93803
green	CCNE2	2,319898	1,066574	0,464019	3,215284	2,573907	1,57314	0,3919	0,5489	0,44847	0,338546
green	NRIP3	22,8748	14,727982	17,282072	30,663176	31,708846	35,6312	8,9755	23,071	17,7941	18,14574
green	WSB2	106,7195	88,188907	79,63325	99,807298	107,24578	106,986	65,388	73,352	75,5581	60,8573
green	TYMS	10,65011	2,478771	2,959017	11,084471	13,742902	6,44539	1,0074	2,4097	1,94522	2,098618
green	CALR	1076,694	893,8371	726,694474	1163,2069	1093,1928	1166,95	820,39	1118,1	1266,99	663,6656
green	ADO	38,03265	31,720213	28,23868	49,743672	54,362706	46,9027	12,428	21,88	22,4135	19,32083
green	CLN8	36,2824	37,709827	31,93555	48,944352	41,85428	52,4721	21,548	20,077	25,092	22,72966
green	APOBR	25,74233	32,819659	22,912732	35,601094	31,179736	54,3073	20,631	23,661	28,4376	58,90489
green	MAFF	52,75932	44,031896	34,74665	39,53541	46,327111	73,2991	8,7368	16,615	18,5641	26,11342
green	NDUFA13	474,7713	419,849213	391,891335	591,80635	553,71282	625,646	361,5	378,77	438,824	376,8344
green	TRPV2	153,7708	126,749375	104,154428	148,90433	153,89834	214,821	76,023	114,17	111,627	105,4169
green	AF279873.1	2,486263	0	0	3,664967	0	1,23403	0	0	1,47148	0,421279
green	PARVB	60,02299	42,987485	59,414166	103,91248	94,788896	72,0866	43,127	68,988	64,2462	45,95483
green	NDUFA4	67,20351	56,820638	47,214808	81,309173	73,995812	77,5308	37,076	55,398	54,3801	40,64896
green	FAM111B	1,522757	0,870037	0,249781	3,156872	2,233867	1,64065	0,1508	0,5963	0,15817	0,37137
green	NTNG2	0,834819	2,550615	0,400744	2,779819	2,088885	1,84096	0,2358	1,2623	0,07742	2,626699
green	GAL3ST4	4,51983	3,301596	0,995594	27,975647	7,676435	6,01288	2,3709	4,1164	2,01793	4,754223
green	SPN	54,7131	43,109601	54,312823	95,441469	117,21404	108,858	24,092	21,988	26,0664	26,43421
green	RPS6KL1	1,649688	1,502917	0,396773	2,435241	1,00011	4,39989	0,1443	0,2024	0,59171	0,120334
green	PHETA1	22,09443	14,250448	9,195032	19,161667	17,677957	24,5961	10,505	10,956	8,82435	10,27272
green	TGM2	118,5386	149,910689	112,520564	601,45217	379,21638	228,187	27,401	93,272	86,7832	76,67022

green	MT-TQ	0	0	0	0	4,752663	4,8383	0	0	0	0
green	MT-TY	0	0	0	5,335617	5,565803	5,01411	0	0	0	0
green	HAUS7	21,41238	8,0509	5,424283	21,176407	15,312997	20,4187	23,55	14,266	15,149	13,06784
green	RPLP0P6	8,363555	8,797139	6,183514	18,534805	14,251883	11,1619	3,4954	2,9046	4,81338	3,97479
green	ACTBP2	2,519614	1,443737	1,093037	2,740221	3,464038	2,69757	0,3493	0,0968	0,21811	0,034086
green	UBE2V1P2	0	0,967271	0	1,451039	0,524234	2,96844	0,1804	0,3197	0,3648	0,326327
green	CPEB1	1,458794	0,828816	0,220801	0,928069	1,203008	3,93758	0,1886	0,5865	0,35784	0,368932
green	IFI30	5264,126	5509,659438	4867,190377	9439,7637	7378,4817	5820,36	3583,6	4009,5	4235,43	3142,59
green	CKLF	74,48921	71,838799	75,408736	150,11657	143,55541	108,647	73,993	76,516	69,9293	87,73189
green	BTF3P7	8,949428	4,471011	6,148631	6,542811	7,103093	8,91471	1,6812	1,5058	0,99481	2,06307
green	AL121871.1	0,881279	1,322203	0	0,511644	2,154718	2,6141	0,3822	0,1635	0,95535	0,499162
green	TPI1P1	4,820177	6,462421	5,658721	10,729457	10,276375	8,02391	1,4998	1,3762	3,36107	3,18376
green	FNDC10	11,99602	7,468914	4,984601	11,706783	10,74187	17,5687	5,3818	5,7524	4,84837	7,493349
green	RHEBP1	9,679065	5,101226	0	9,152857	3,973596	7,43549	2,4008	4,2823	0,58917	2,120583
green	MAP4K3-DT	19,32923	11,902695	9,613186	15,191469	21,749253	23,865	8,9345	10,789	10,5766	9,315809
green	ANXA2P2	41,77168	31,212684	25,461083	44,57801	43,774017	53,408	12,382	11,609	14,6776	10,48613
green	RPL3P4	20,12109	14,398356	13,707917	26,096052	31,879578	20,5435	9,8375	7,4094	7,43156	8,452522
green	TECRP1	10,01076	7,194808	4,690862	9,156765	14,208399	11,6181	0,876	0,6268	1,23744	2,063545
green	FAUP1	5,605714	3,44181	5,870817	3,477615	6,290397	7,70246	0,2126	0,5609	0,63801	0
green	COX7CP1	2,510119	0	0	0	2,248848	2,0394	0	0	0	0
green	AL121748.1	2,226361	3,276938	1,21765	3,599541	5,393667	1,76501	0	0,909	0,43981	0,324716
green	ST3GAL6-AS1	17,88628	9,6288	7,599111	20,983067	13,990933	29,0869	8,7204	12,284	13,0666	9,728518
green	RPL37P2	6,323609	0	0	11,186202	3,216206	2,80337	1,2606	0	0	1,620855
green	AL645941.2	1,942002	6,497859	2,183007	6,206799	6,209605	4,85889	0,4197	0,731	0,38416	0
green	AC087632.2	14,3504	4,728228	2,60112	8,307191	10,338717	16,6061	0	4,1181	2,38637	0,198985
green	AC124068.1	58,1476	69,100066	54,274204	159,26283	126,63702	100,541	31,923	55,979	62,9053	43,47933
green	CLEC19A	0,877218	1,33502	0,18312	3,924519	3,113957	1,66693	0,3645	0,0653	0,13214	0,013863
green	AC093278.2	2,009817	1,448628	1,700103	2,334388	2,288723	6,774	0	0	1,38542	0
green	AC093627.7	1,631281	0,887852	0,63202	4,569074	4,05319	2,40495	0,0704	0,8069	0,40086	0,63831
green	GAPLINC	12,28238	14,090421	6,718779	19,30461	25,105074	19,4237	5,1687	7,45	6,98051	6,55846
green	AC022149.1	8,048416	10,927445	14,800185	18,620439	20,991021	14,0277	2,3402	4,4612	4,60482	4,757227
green	AC006064.4	13,30971	13,142851	22,066199	54,025063	40,708178	30,8345	5,383	6,4586	7,37634	10,21254
green	AC131009.3	1,580902	0	0	0	3,216206	0	0	2,2004	0	0
green	CYFIP1	208,7915	162,629067	141,070327	205,45139	199,38789	212,606	120,9	123,64	198,626	189,4064
green	RN7SL1	1048,269	1580,736847	1656,238467	1663,9843	2228,1788	3913,13	1584,8	1397,8	1418,46	1590,934
green	AC107075.1	3,726646	0	1,296279	3,642994	8,286377	1,22721	0,9866	1,2767	1,45753	1,679932
green	GATD3B	56,7557	46,244206	46,128274	69,808844	64,220934	76,3537	49,854	74,32	38,0896	32,52576
green	AC025048.6	7,216058	4,013499	1,510425	7,944093	4,932473	6,71069	0,2005	1,9556	1,29805	0,31043
green	AC068631.3	21,68507	26,430471	3,888917	28,018766	18,756099	14,5212	5,3145	21,233	28,5614	8,798106
green	AL034430.1	6,235401	4,295381	3,575658	11,516196	10,772999	8,23937	4,5888	4,293	4,60974	0,916873
green	AL137857.1	316,1326	324,951357	277,487004	399,2343	328,2718	396,681	130,34	195,67	214,871	170,3986