

ProbeNames	Gene Names	Pvalues (Storey FDR)	Fold Change	Dir(M vs. C)	'A549_C1'	'A549_C2'	'A549_M1'	'A549_M2'
A_23_P19313	TBP	0.000506675	3.009554806	Up	0	0	0.4799	0.4771
A_23_P82868	PLAT	0.000659927	3.82259869	Up	0	0	0.5796	0.5851
A_23_P53614	BRAP	0.000948686	-2.107672568	Down	0.7221	0.7267	0.4022	0.399
A_32_P4403	C16orf72	0.000948686	2.3464487	Up	0	0	0.3673	0.3735
A_23_P134314	C7orf11	0.000948686	2.098225198	Up	-0.5907	-0.5943	-0.2729	-0.2684
A_23_P151018	LEMD3	0.001111496	3.327722899	Up	0	0	0.5157	0.5285
A_24_P471242	NA	0.001111496	3.332258837	Up	0	0	0.5285	0.5169
A_24_P48723	PTGIS	0.001111496	2.148146741	Up	-0.6036	-0.6014	-0.2741	-0.2668
A_24_P25687	NA	0.001313342	3.129841423	Up	-1.102	-1.0943	-0.6085	-0.5968
A_23_P17065	CCL20	0.001872241	2.176413152	Up	-0.6039	-0.6033	-0.2599	-0.2719
A_24_P184844	CHD2	0.001969222	-2.326713298	Down	-0.9129	-0.9265	-1.2894	-1.2834
A_24_P912021	NA	0.001969222	2.947916391	Up	-0.0206	-0.0049	0.4512	0.4624
A_24_P181677	PQLC1	0.001969222	-2.682554166	Down	0.4377	0.4192	0	0
A_24_P247153	RPS25	0.001969222	-2.278526868	Down	-1.0275	-1.013	-1.3755	-1.3802
A_32_P201754	NA	0.001997841	3.164973344	Up	-1.1719	-1.15	-0.6631	-0.6578
A_32_P60635	LOC643037	0.002096591	2.16757273	Up	0	0	0.3439	0.3279
A_32_P203500	PCMTD1	0.002368522	-2.043263928	Down	0	0	-0.3023	-0.3185
A_32_P16816	NA	0.002434926	4.322594328	Up	0	0	0.6527	0.6181
A_32_P157945	DSP	0.002619878	2.941226243	Up	-0.7012	-0.7175	-0.2525	-0.2293
A_24_P144770	NA	0.002619878	-2.112737612	Down	-0.2999	-0.3186	-0.6361	-0.6319
A_32_P68773	NA	0.002619878	3.643173435	Up	-0.236	-0.255	0.3016	0.3301
A_23_P84974	NA	0.002619929	3.976620965	Up	-0.4571	-0.4289	0.1695	0.1436
A_23_P123454	NUDT18	0.002619929	-3.100431578	Down	-0.1193	-0.1501	-0.6267	-0.625
A_23_P327462	RFX6	0.003010279	-2.191607239	Down	-0.3699	-0.3937	-0.7229	-0.7219
A_23_P148422	PCYT1B	0.003053599	2.104890377	Up	-0.5719	-0.5938	-0.2556	-0.2634
A_23_P24269	C10orf88	0.003124315	2.074586694	Up	-0.5671	-0.5914	-0.261	-0.2633
A_32_P29551	NA	0.003124315	-4.009598578	Down	1.6336	1.6763	1.0603	1.0443
A_23_P367816	SNX29	0.003124315	9.21014058	Up	-0.1235	-0.0624	0.8524	0.8915
A_23_P254801	PLCG1	0.003127091	2.069947116	Up	0.1132	0.0935	0.4115	0.4272
A_24_P382253	RPRD1A	0.003127091	2.223594384	Up	-0.6	-0.6191	-0.2723	-0.2527
A_32_P176594	KIAA1614	0.003467153	3.40302037	Up	-0.4968	-0.5189	0.0446	0.0027
A_24_P324141	MUC5AC	0.003467153	-2.45224934	Down	0.9287	0.893	0.5203	0.523
A_24_P16361	NA	0.003467153	-2.118814917	Down	-0.7903	-0.7913	-1.1321	-1.1022
A_24_P28295	RABGAP1L	0.003467153	-2.894177909	Down	-0.2648	-0.252	-0.7406	-0.7001
A_23_P131771	TPD52L2	0.003467153	2.176215238	Up	-0.5601	-0.5789	-0.2203	-0.2434
A_32_P109922	ZFAT	0.003467153	7.785111032	Up	-0.3551	-0.3762	0.4863	0.5619
A_23_P64044	FERMT3	0.003603761	3.18630917	Up	-0.0195	0.0093	0.5183	0.4776
A_23_P214766	HIVEP2	0.003603761	-3.338544865	Down	1.4279	1.381	0.8937	0.869
A_32_P146777	NA	0.003603761	-4.737241141	Down	1.0246	0.9567	0.3168	0.3161
A_32_P82701	NA	0.003603761	-2.400899892	Down	-0.3354	-0.3275	-0.7307	-0.6937
A_32_P106553	NA	0.003603761	2.697016296	Up	-0.3155	-0.2963	0.1063	0.1431
A_23_P51718	PABPC4	0.003603761	2.746414261	Up	-0.1454	-0.1075	0.3232	0.302
A_24_P350557	NA	0.00361041	2.078831114	Up	1.3663	1.3576	1.6954	1.6636
A_24_P267748	NDOR1	0.00361041	2.317876378	Up	-0.0918	-0.1296	0.2559	0.2537
A_23_P8339	MRPL18	0.003637385	-2.305465587	Down	1.0365	1.0144	0.6469	0.6782
A_32_P42725	NA	0.003637385	-4.502913914	Down	-0.3341	-0.3206	-0.9472	-1.0172
A_32_P22364	NA	0.003637385	3.804493616	Up	-0.0388	0.0212	0.5809	0.564
A_23_P404064	VEZF1	0.003637385	-2.165831762	Down	0.6526	0.6864	0.3273	0.341
A_32_P235358	LOC100130476	0.003654941	2.839659638	Up	0	0	0.4276	0.4775
A_23_P211850	ABHD6	0.003692897	2.237510392	Up	-0.597	-0.6275	-0.275	-0.2498
A_23_P164650	APOE	0.003692897	2.640579564	Up	-0.5164	-0.5445	-0.1282	-0.0897
A_23_P126135	MFN2	0.003720953	2.130967563	Up	-0.5427	-0.5721	-0.2164	-0.2411
A_24_P872359	NA	0.003720953	-3.450313955	Down	-0.976	-1.0317	-1.5268	-1.5553
A_24_P358302	NA	0.003720953	-2.687207158	Down	-0.4545	-0.4629	-0.8637	-0.9137
A_24_P114334	RMND5A	0.003720953	2.108576554	Up	-0.5342	-0.5645	-0.2137	-0.2368
A_23_P65963	BFAR	0.003728838	-2.82680325	Down	0.0359	-0.0024	-0.4538	-0.4153
A_23_P125423	C1R	0.003728838	-2.6328539	Down	0.2856	0.2397	-0.1679	-0.1467
A_24_P915784	LOC151162	0.003728838	-2.218845661	Down	0.0772	0.0357	-0.2852	-0.2932
A_23_P60387	NOTCH1	0.003728838	3.126433386	Up	0	0	0.4638	0.5242
A_23_P215419	ICA1	0.003734433	-4.955873977	Down	-0.2634	-0.2457	-0.9083	-0.9952
A_23_P147431	LYN	0.003734433	2.266172576	Up	0	0	0.3774	0.332
A_24_P110618	NA	0.003734433	3.339410378	Up	0.4346	0.4585	0.9386	1
A_32_P76122	NA	0.003734433	4.952621643	Up	0	0	0.6496	0.7358

A_24_P200583	UBE2B	0.003734433	2.174083634	Up	0.4831	0.5207	0.8287	0.8502
A_32_P182156	ZNF511	0.003734433	-2.110075063	Down	0.3446	0.303	0	0
A_23_P96872	HSPB11	0.003952964	5.167476815	Up	-0.4727	-0.3916	0.3081	0.2564
A_24_P753302	LOC730227	0.003952964	2.149983724	Up	0	0	0.3544	0.3093
A_24_P400702	NA	0.003952964	2.126119349	Up	-0.5738	-0.6039	-0.2774	-0.2452
A_23_P105900	NA	0.003952964	2.456580523	Up	0.5806	0.5281	0.95	0.9409
A_23_P8625	LRRC4	0.003988244	4.208186791	Up	-0.8662	-0.7793	-0.2001	-0.1929
A_32_P83520	NA	0.003988244	2.244079817	Up	-0.8262	-0.8679	-0.4829	-0.5085
A_32_P125568	NA	0.003988244	2.560310659	Up	-0.0024	0	0.3775	0.4348
A_32_P120534	NA	0.003988244	3.029521806	Up	-0.1648	-0.2147	0.3144	0.2691
A_23_P363831	FBXO3	0.00402922	3.297681437	Up	-2.232	-2.197	-1.7296	-1.6647
A_24_P388190	KCNK3	0.00402922	3.026148051	Up	-0.8179	-0.829	-0.3778	-0.3099
A_23_P47527	C11orf10	0.004061748	-2.29118743	Down	0.2753	0.2445	-0.0793	-0.1215
A_23_P17837	APOL1	0.004122149	2.409485774	Up	-0.0032	-0.024	0.394	0.3413
A_24_P85117	ARHGAP8	0.004122149	2.371022952	Up	-1.3421	-1.3875	-1.0065	-0.9727
A_23_P132669	GLT8D1	0.004122149	-3.818161099	Down	0.0141	0.0996	-0.5293	-0.5166
A_32_P235159	MSL3L2	0.004122149	2.505846281	Up	-0.5389	-0.5928	-0.1791	-0.1534
A_24_P127051	NA	0.004122149	-2.338978035	Down	0.2494	0.2633	-0.0866	-0.1403
A_24_P307195	AASDH	0.004196853	4.602376964	Up	-0.628	-0.5264	0.0724	0.1045
A_23_P49610	C17orf91	0.004196853	-2.135268715	Down	-0.0694	-0.0913	-0.3868	-0.4338
A_24_P381901	CX3CL1	0.004196853	3.257292034	Up	-0.1652	-0.0955	0.4062	0.3604
A_32_P119007	ESPL1	0.004196853	-4.939833729	Down	0.3337	0.3339	-0.3076	-0.4194
A_23_P208422	F2RL3	0.004196853	-2.749377546	Down	-0.1981	-0.2251	-0.6186	-0.6852
A_24_P136522	GARNL3	0.004196853	3.300326373	Up	-0.0324	-0.0507	0.5154	0.4351
A_23_P500010	KLK12	0.004196853	2.212321182	Up	-0.0807	-0.027	0.2967	0.2869
A_24_P230514	LOC100130924	0.004196853	2.943304808	Up	0.017	0.0582	0.4753	0.5364
A_32_P69333	NA	0.004196853	2.554694168	Up	0	0	0.4383	0.374
A_24_P703830	NANOS3	0.004196853	-2.364726739	Down	-0.31	-0.2501	-0.6537	-0.6519
A_32_P100974	RPL24	0.004196853	2.724303338	Up	-0.5404	-0.5605	-0.0825	-0.1503
A_24_P247055	TAF1C	0.004196853	-5.157904982	Down	0.7657	0.6518	0	0
A_23_P352266	BCL2	0.004250447	2.2795503	Up	0	0	0.387	0.3266
A_23_P2181	CYB5R2	0.004250447	5.28687499	Up	0	0	0.6581	0.7798
A_23_P33558	hCG_1732469	0.004250447	3.840791147	Up	-1.4389	-1.5314	-0.8817	-0.9155
A_23_P73198	NA	0.004250447	-17.70387937	Down	2.053	2.2316	0.846	0.954
A_32_P8971	NA	0.004250447	2.583100177	Up	-0.5255	-0.5278	-0.1507	-0.0811
A_23_P72668	SDPR	0.004250447	2.164940518	Up	-0.5449	-0.5908	-0.2159	-0.2483
A_24_P687326	C9orf109	0.004256365	-9.727597862	Down	1.1086	1.0259	0	0.1496
A_24_P119405	LOC100130713	0.004256365	2.358734968	Up	-0.1979	-0.2606	0.1373	0.1517
A_23_P145053	TUBE1	0.004256365	-2.271097675	Down	-0.1113	-0.1142	-0.5005	-0.4396
A_24_P220822	C4orf37	0.0042918	-2.744767776	Down	-0.3539	-0.3945	-0.846	-0.7809
A_24_P10890	PRR5	0.0042918	3.095357989	Up	0.0201	0.0977	0.5325	0.5694
A_24_P927786	NA	0.004503172	2.423947094	Up	-0.6641	-0.5948	-0.2454	-0.2417
A_24_P193570	CNOT1	0.00450633	3.169062834	Up	0	0.0023	0.5448	0.4547
A_32_P187951	BTNL9	0.004553807	-2.052246012	Down	-0.1669	-0.2063	-0.5201	-0.4777
A_24_P301837	HRH3	0.004553807	-2.014677701	Down	-0.6585	-0.7007	-0.9649	-1.0025
A_23_P11859	HSD17B7	0.004553807	-3.29649059	Down	0.4257	0.354	-0.0953	-0.1606
A_32_P6575	NA	0.004553807	5.72709159	Up	-0.4758	-0.4724	0.3478	0.2088
A_32_P37592	SCARNA17	0.004553807	2.018310725	Up	0.4838	0.4299	0.7706	0.7546
A_24_P252020	TRIM41	0.004553807	2.226413542	Up	-1.2678	-1.2805	-0.896	-0.9593
A_32_P206293	ZNF322A	0.004553807	-2.001817081	Down	0.853	0.908	0.5736	0.5862
A_23_P16817	CLK1	0.004665305	-2.761004984	Down	2.0595	2.1414	1.671	1.6514
A_23_P200425	S100BPB	0.004665305	2.394618576	Up	-0.4098	-0.4521	-0.0227	-0.0817
A_23_P122531	C6orf48	0.004675251	-3.569879196	Down	-0.8583	-0.7529	-1.3638	-1.3465
A_32_P99648	EIF4E3	0.004675251	7.303548661	Up	0.0027	0.0622	0.9675	0.8128
A_24_P838483	LOC338809	0.004675251	2.203654578	Up	-0.8107	-0.8499	-0.5145	-0.4606
A_24_P936327	NA	0.004747865	15.37873697	Up	-0.1198	0	1.0204	1.2193
A_24_P100627	ATRNL1	0.004757999	-2.522425696	Down	1.7165	1.6391	1.2642	1.2908
A_23_P207400	BRCA1	0.004757999	2.075336584	Up	-0.5241	-0.5804	-0.2184	-0.2507
A_24_P295999	CD4	0.004757999	2.929231003	Up	-0.2467	-0.2	0.2017	0.2826
A_24_P289366	LASS6	0.004757999	2.07374753	Up	-0.5162	-0.5708	-0.2097	-0.2427
A_32_P99032	NA	0.004757999	-2.928673504	Down	-0.9693	-1.0473	-1.5	-1.448
A_32_P152544	NA	0.004757999	-2.579309318	Down	0.0306	0.0041	-0.3557	-0.4359
A_23_P55099	PRKCA	0.004757999	2.490942743	Up	0.522	0.5993	0.946	0.9711
A_23_P7066	RPL9	0.004757999	-2.827855477	Down	1.46	1.4968	0.9844	1.0664
A_23_P119634	UPK1A	0.004757999	2.820250785	Up	-0.061	0.027	0.4453	0.4255

A_23_P56339	GPSN2	0.004867865	-3.65764389	Down	0.6176	0.501	0	0
A_32_P103558	NA	0.004867865	-3.54160353	Down	1.8276	1.7407	1.2725	1.1986
A_24_P349869	NA	0.004998469	2.036757566	Up	-0.0796	-0.1422	0.2091	0.189
A_24_P323421	NA	0.005065992	-2.126526982	Down	0.2911	0.3614	0	0
A_23_P129433	SLC9A5	0.005065992	2.096138151	Up	-0.5199	-0.5854	-0.2186	-0.2417
A_24_P151148	ZNF235	0.005065992	-2.027777244	Down	0.9222	0.9311	0.6514	0.5854
A_32_P190367	NA	0.005079507	-2.7731935	Down	-0.264	-0.3407	-0.7735	-0.7157
A_23_P27180	CCDC55	0.005088636	2.991537081	Up	-0.2368	-0.1345	0.3045	0.2817
A_24_P118142	NA	0.005088636	-2.126658928	Down	0.8694	0.9234	0.5925	0.5453
A_24_P85169	BTBD9	0.005092973	-2.740748946	Down	0.4834	0.387	0	0
A_24_P931583	NA	0.005092973	2.04302863	Up	-0.514	-0.5712	-0.2128	-0.2508
A_23_P59338	PDE7B	0.005092973	-3.073719551	Down	0.7387	0.7063	0.1802	0.2839
A_23_P21425	GPR119	0.005184761	-2.348883503	Down	0.2891	0.218	-0.0947	-0.1381
A_23_P386442	KIAA0087	0.005184761	8.146679807	Up	-0.3621	-0.205	0.5635	0.6955
A_24_P724153	LOC100131699	0.005292842	-2.369423661	Down	-0.7854	-0.8701	-1.2044	-1.1963
A_23_P45180	GYP A	0.00530976	2.265396243	Up	0.1089	0.0272	0.4284	0.4218
A_24_P920081	NA	0.00530976	-3.383008752	Down	0.4829	0.4627	0	-0.1212
A_23_P57733	DRD3	0.005401463	-3.15614035	Down	-0.3124	-0.1971	-0.7573	-0.743
A_23_P391506	IVNS1ABP	0.005401463	-2.642361396	Down	0.4685	0.3699	0	0
A_23_P19369	LRRC16A	0.005401463	-2.852984465	Down	0.4119	0.3926	-0.109	-0.0033
A_32_P199529	NA	0.005401463	-2.022459475	Down	-0.2603	-0.3258	-0.6128	-0.5831
A_32_P69492	POLH	0.005401463	-5.822018955	Down	1.2517	1.1319	0.3576	0.4935
A_24_P136683	CASBL	0.005591641	4.152956103	Up	0	0	0.686	0.5382
A_24_P926624	NA	0.005616945	2.727578535	Up	-0.2512	-0.2559	0.1264	0.2317
A_23_P160466	SLC19A2	0.005616945	2.433398921	Up	0	-0.0635	0.3888	0.3197
A_32_P83174	NA	0.005665217	2.172557699	Up	-0.8697	-0.9391	-0.5896	-0.5437
A_24_P298723	TTY20	0.005665217	-2.961949611	Down	-0.6128	-0.581	-1.1279	-1.0157
A_23_P158041	AQP7	0.005726444	3.761673272	Up	-0.6596	-0.7705	-0.1854	-0.0919
A_23_P208706	BAX	0.005726444	4.871225404	Up	-0.5048	-0.6567	0.1541	0.0687
A_24_P900730	NA	0.005726444	-2.982583741	Down	0.6261	0.6042	0.0777	0.1957
A_23_P161644	RBM14	0.005726444	5.521793542	Up	-0.0111	-0.1989	0.6539	0.6403
A_23_P349203	RNH1	0.005726444	2.582471296	Up	0	0.02	0.4695	0.369
A_23_P325737	CCDC60	0.005803758	3.239953974	Up	-0.0143	0.1074	0.5851	0.5362
A_24_P59430	FAM55B	0.005803758	2.842516888	Up	-1.4302	-1.514	-1.058	-0.9784
A_23_P314876	C10orf82	0.005844068	2.990101015	Up	-0.1534	-0.2714	0.2487	0.2851
A_23_P161125	MOV10	0.005844068	-2.601660933	Down	0.5582	0.4565	0.0795	0.1101
A_23_P332937	C19orf23	0.005881911	2.334433779	Up	0	0	0.3182	0.413
A_23_P117546	SOS2	0.005882098	-4.673569942	Down	0.5457	0.6801	0	-0.1101
A_23_P155796	GNRHR	0.005959404	-3.092143227	Down	0.5127	0.432	-0.0693	0.0314
A_23_P28688	CPSF3	0.006013678	-2.383633491	Down	0.0946	-0.0038	-0.3231	-0.3351
A_24_P63799	NA	0.006065919	-2.36888038	Down	0.4689	0.3885	0.0253	0.0847
A_23_P71989	UPP1	0.006065919	2.39731464	Up	-0.8254	-0.8337	-0.5029	-0.4025
A_23_P109034	SDC4	0.006072268	2.871885733	Up	-0.4226	-0.4354	0.0856	-0.0356
A_23_P423315	RBM17	0.006079148	3.112642657	Up	0.0141	-0.0851	0.4139	0.5025
A_32_P137812	NA	0.006117247	2.217188203	Up	-0.3751	-0.4626	-0.0887	-0.0537
A_23_P418493	ATPAF2	0.006183306	2.740808903	Up	-0.5587	-0.5395	-0.1736	-0.0565
A_24_P387609	ISCA1	0.006191936	-4.977383322	Down	0.8154	0.6429	-0.0002	0.078
A_24_P486924	NA	0.00624546	2.084199529	Up	0.3049	0.363	0.6857	0.6195
A_32_P26017	NA	0.006279165	-2.594496877	Down	-1.0439	-1.0897	-1.5367	-1.4303
A_24_P739075	NA	0.006290281	-2.783956257	Down	-0.4414	-0.3849	-0.8048	-0.9161
A_24_P219140	YY1	0.006307154	3.403856792	Up	-0.599	-0.4588	0.0351	-0.0194
A_23_P145197	BYSL	0.006351754	2.252581	Up	-0.5788	-0.4791	-0.1649	-0.1821
A_24_P941006	C2orf19	0.006351754	3.97913713	Up	-1.2512	-1.0934	-0.5317	-0.6019
A_24_P385739	EIF5A2	0.006351754	2.330304965	Up	-0.3804	-0.452	-0.0107	-0.0873
A_24_P942017	hCG_2039148	0.006351754	3.299286321	Up	0.0692	-0.0813	0.5164	0.5213
A_23_P342585	NA	0.006351754	-2.016286673	Down	-0.8445	-0.7604	-1.0967	-1.1134
A_32_P60709	NA	0.006351754	6.265246971	Up	-0.1806	-0.2385	0.6834	0.4665
A_23_P60899	TGS1	0.006351754	2.024007875	Up	-0.774	-0.8613	-0.5106	-0.5079
A_24_P80571	NA	0.006371177	3.563625522	Up	0	0	0.6235	0.4661
A_23_P24192	RRP12	0.006371177	-10.30289569	Down	0.2424	0.1522	-0.9782	-0.6941
A_23_P79518	IL1B	0.0063831	2.322536339	Up	0	0	0.416	0.3094
A_24_P306968	LOC100131310	0.0063831	3.178304405	Up	-0.7839	-0.8906	-0.3865	-0.2832
A_24_P332441	NA	0.0063831	-2.185537256	Down	0.3903	0.3031	0.0329	-0.0156
A_32_P30717	NA	0.0063831	2.098266956	Up	-0.0374	-0.0033	0.2554	0.3438
A_23_P79134	PLEKHF1	0.0063831	2.482085977	Up	0	0	0.3342	0.448

A_23_P87238	SAA4	0.0063831	3.62313584	Up	-0.7005	-0.6389	-0.1905	-0.0413
A_23_P345220	SH3PXD2A	0.0063831	2.049069348	Up	-0.3914	-0.4211	-0.1394	-0.0537
A_23_P77545	SSTR5	0.0063831	2.748350766	Up	0	0	0.3698	0.4988
A_23_P82002	TEAD3	0.0063831	2.22181989	Up	-0.3775	-0.3952	-0.0922	0.0074
A_23_P319013	ZNF383	0.0063831	-2.379159199	Down	-0.5818	-0.6758	-1.0334	-0.974
A_24_P195327	NA	0.006398637	2.805068488	Up	0.0039	0.0243	0.3918	0.5227
A_24_P398130	USP6NL	0.006398637	2.910407315	Up	-0.2213	-0.2408	0.16	0.2955
A_23_P84952	TFE3	0.006403793	3.675268414	Up	-0.6096	-0.4381	0.0564	0.0432
A_23_P150609	IGF2	0.006514243	2.217831675	Up	-0.7399	-0.8399	-0.424	-0.4589
A_24_P596027	LOC440104	0.006514243	-2.339123541	Down	-0.539	-0.5787	-0.9839	-0.8775
A_23_P50131	NA	0.006514243	-2.306014479	Down	1.0444	1.0547	0.6274	0.7389
A_24_P929888	NA	0.006514243	2.209186869	Up	-0.2344	-0.2202	0.0625	0.1654
A_23_P110846	CNOT8	0.00658472	2.511522154	Up	-1.8028	-1.9231	-1.475	-1.4433
A_24_P362805	GK5	0.006615521	-2.177421974	Down	-0.5778	-0.6688	-0.9849	-0.9343
A_32_P181222	KCNMA1	0.006681602	3.501213875	Up	-1.0279	-0.8972	-0.3623	-0.4714
A_23_P31443	ERVWE1	0.006697478	2.371615909	Up	-0.2335	-0.2171	0.2037	0.0883
A_23_P333683	IGSF10	0.006697478	2.424627945	Up	1.1654	1.2699	1.635	1.5737
A_23_P207537	DUSP14	0.006726235	-4.505646732	Down	0.6817	0.5062	-0.1088	0
A_24_P829209	LOC285944	0.006726235	-2.385810748	Down	0.4329	0.3143	0	0
A_24_P388502	MTMR14	0.006726235	2.196713023	Up	-0.7847	-0.8941	-0.4914	-0.497
A_23_P412392	SEC22B	0.006726235	4.294267203	Up	-0.4285	-0.5452	0.0612	0.2236
A_23_P53015	TUT1	0.006726235	2.680353995	Up	-0.5722	-0.6932	-0.1693	-0.2337
A_23_P423012	DUSP27	0.00677597	-6.051635286	Down	-0.2667	-0.3936	-1.0107	-1.232
A_23_P152218	E2F4	0.00677597	-4.047272738	Down	0.2161	0.0769	-0.3922	-0.5287
A_23_P71821	PBX3	0.00677597	2.266257099	Up	-0.142	-0.0313	0.255	0.2887
A_24_P121631	ZNF764	0.00677597	2.203913104	Up	-0.0693	0	0.2648	0.3508
A_23_P152995	SLC6A4	0.006870975	4.037211111	Up	-0.0934	0.1001	0.646	0.5926
A_23_P48029	CLEC4A	0.006887119	-3.92630176	Down	0.5108	0.6962	0.0422	-0.0048
A_23_P10385	DTL	0.006903469	-2.131589953	Down	0.9038	0.8316	0.5792	0.498
A_24_P588897	NA	0.006903469	3.024167307	Up	0.1495	-0.0118	0.5581	0.5557
A_23_P18656	SCLT1	0.006903469	-2.971834365	Down	-0.8882	-1.0356	-1.4056	-1.4531
A_24_P211884	TMPRSS12	0.006903469	2.210146879	Up	-0.0473	-0.0019	0.369	0.2657
A_24_P260440	TNPO1	0.006903469	-2.644271931	Down	0.3303	0.4613	0	-0.0443
A_23_P54064	METTL3	0.007014738	-2.695779841	Down	-0.8142	-0.8941	-1.3477	-1.2267
A_23_P256965	C8orf12	0.007016425	2.439999639	Up	-0.1739	-0.0598	0.2404	0.3057
A_23_P23765	ITGB3BP	0.007016425	2.35442821	Up	-0.5229	-0.4178	-0.131	-0.0623
A_32_P135634	NA	0.007016425	-2.217414967	Down	-0.9828	-0.8888	-1.2463	-1.3146
A_23_P386450	POLK	0.0070422	2.14373958	Up	0.2541	0.3285	0.6639	0.5802
A_24_P367481	CCR3	0.007073921	-2.359626232	Down	-0.9841	-1.0098	-1.3109	-1.4375
A_23_P115407	GSTM1	0.007073921	2.688977865	Up	-0.8912	-0.7592	-0.4253	-0.3585
A_23_P48550	KIAA0284	0.007073921	3.515883109	Up	0.1519	0	0.5704	0.6799
A_24_P649426	NA	0.007073921	3.586120846	Up	-0.4938	-0.6173	-0.0742	0.0693
A_23_P342053	RBBP6	0.007099548	2.205906952	Up	-0.0942	0	0.2616	0.3335
A_24_P283635	ADAMTSL1	0.007107743	2.217386499	Up	-0.7379	-0.8432	-0.4724	-0.4127
A_24_P13790	CES2	0.007107743	-2.437669093	Down	0.1184	0.0022	-0.3563	-0.2917
A_23_P115407	GSTM1	0.007107743	-2.953283285	Down	0.1001	-0.0285	-0.4823	-0.3829
A_32_P117590	NA	0.007107743	-2.702567859	Down	-0.3828	-0.263	-0.7975	-0.7082
A_24_P736006	NA	0.007107743	2.065996724	Up	-0.5628	-0.6648	-0.276	-0.3163
A_32_P153361	NA	0.007123063	-2.192410989	Down	-0.062	-0.0396	-0.3364	-0.4548
A_23_P75889	PSMD13	0.007123063	-2.028874919	Down	0.34	0.2381	0	-0.031
A_24_P359050	NA	0.007150779	-2.041673242	Down	-0.096	-0.0841	-0.4583	-0.3486
A_24_P196351	PLXNC1	0.007150779	-2.931431232	Down	0.4225	0.367	0	-0.157
A_23_P157022	ZNF786	0.007150779	-3.123640795	Down	0.572	0.4005	0	0
A_23_P57927	HYAL2	0.007211107	-2.51416849	Down	0.4785	0.3439	0.0373	-0.0064
A_24_P409933	NA	0.007211107	-2.119623343	Down	1.1108	1	0.7489	0.7158
A_24_P922314	NA	0.007211107	2.748338522	Up	0.0941	-0.0588	0.4407	0.485
A_23_P343719	PLCB3	0.007211107	-6.469205197	Down	0.8036	0.5618	-0.0424	-0.1938
A_24_P414803	PLN	0.007211107	-2.270708848	Down	0.4418	0.4006	0.0002	0.1223
A_23_P434548	NA	0.007219273	-7.597248307	Down	0.0384	0.2233	-0.629	-0.8896
A_24_P336577	C1orf183	0.007222998	2.344557423	Up	-1.8567	-1.9926	-1.5514	-1.5472
A_23_P45185	FIGF	0.007222998	2.356498555	Up	0	-0.0728	0.277	0.3904
A_24_P68908	LOC344887	0.007222998	3.487213232	Up	-0.042	-0.1424	0.3611	0.5291
A_32_P78623	LOC401098	0.007222998	-2.324769335	Down	0.8636	0.7771	0.4023	0.504
A_24_P632835	NA	0.007222998	2.674151944	Up	-0.5493	-0.6556	-0.231	-0.1201
A_24_P341078	NA	0.007222998	6.561817737	Up	-0.1877	-0.3945	0.6307	0.4203

A_23_P144054	PRKCD	0.007222998	2.244547476	Up	-0.1491	-0.269	0.1227	0.1685
A_23_P83436	PEPD	0.007244839	-3.215981379	Down	0.5171	0.3752	0	-0.1189
A_23_P301372	TAPT1	0.007244839	-2.104958646	Down	0.3486	0.258	-0.0573	0.0188
A_23_P70219	TLX3	0.007244839	-2.402747168	Down	0.3716	0.378	-0.0592	-0.0825
A_23_P70991	JTV1	0.007247096	-2.356420482	Down	-0.711	-0.5777	-1.0246	-0.9988
A_32_P34941	NA	0.007247096	3.783608719	Up	-0.4094	-0.6108	0.1184	0.0365
A_24_P12181	UBTD2	0.007247096	2.334334551	Up	0	0	0.2959	0.4301
A_24_P941487	ZNF761	0.007247096	-2.433773524	Down	0.3282	0.388	-0.0974	0.0333
A_32_P136427	NA	0.007316945	-2.964411092	Down	-0.7719	-0.8779	-1.3701	-1.2286
A_24_P336551	BGLAP	0.00733857	2.941189324	Up	-0.2423	-0.2014	0.1552	0.323
A_32_P165363	NA	0.00733857	2.016217531	Up	-0.5232	-0.4297	-0.1377	-0.2036
A_23_P106204	GSTZ1	0.007360511	-3.427470486	Down	0.1294	0.1834	-0.29	-0.4878
A_23_P258340	PPIA	0.007400699	2.217505722	Up	-0.0962	0.0228	0.3407	0.2839
A_24_P934528	BTN2A1	0.007407556	-2.822124627	Down	0.5185	0.481	0.1274	-0.0453
A_32_P226786	FAM126B	0.007407556	2.053375722	Up	0	0	0.2497	0.3673
A_23_P82674	GBAS	0.007407556	2.40459266	Up	-0.6728	-0.5549	-0.2751	-0.187
A_24_P349782	MGC21881	0.007407556	-3.262485904	Down	0.3644	0.1765	-0.2581	-0.2093
A_24_P324084	NA	0.007407556	2.6400058	Up	0.1556	0	0.5309	0.4803
A_24_P147111	NUBPL	0.007407556	3.330731614	Up	-0.3739	-0.5768	0.0416	0.0756
A_23_P42241	OR5V1	0.007407556	2.030919173	Up	-0.9039	-0.7854	-0.5409	-0.5251
A_23_P377267	RABGAP1L	0.007407556	2.02033588	Up	-0.7379	-0.6315	-0.4009	-0.3525
A_23_P202245	RET	0.007407556	-4.28017626	Down	-0.9572	-1.134	-1.758	-1.5937
A_23_P429082	SPTY2D1	0.007407556	-2.211333018	Down	-0.6133	-0.5174	-0.8646	-0.9548
A_23_P94754	TNFSF15	0.007456243	3.096899417	Up	0	0.1494	0.5084	0.6275
A_24_P915355	ZNF445	0.007634888	2.400046574	Up	-0.3905	-0.2495	0.0376	0.0925
A_23_P111737	RAMP3	0.007653014	2.438472103	Up	-0.7837	-0.7958	-0.4838	-0.3342
A_24_P255100	C9orf135	0.007675442	2.313458979	Up	0	0	0.4294	0.2876
A_23_P216200	AGPAT5	0.007701235	-2.285254976	Down	-0.6313	-0.6112	-0.9133	-1.059
A_23_P37441	B2M	0.007701235	-2.263125405	Down	0.0929	-0.0078	-0.3648	-0.26
A_23_P95683	CA5A	0.007701235	3.653782453	Up	-0.4446	-0.3685	0.2512	0.0388
A_23_P433079	DNAJC14	0.007701235	-2.041143111	Down	-0.0943	-0.0745	-0.3367	-0.4604
A_24_P226332	EHPA7	0.007701235	2.737690468	Up	-0.5617	-0.3845	-0.0062	-0.0483
A_23_P39171	GALP	0.007701235	-2.331531531	Down	-0.4577	-0.5166	-0.7908	-0.9275
A_24_P918907	LOC154761	0.007701235	2.301041468	Up	-0.8955	-1.0325	-0.5703	-0.6248
A_32_P128741	LOC723809	0.007701235	2.902057184	Up	-0.5301	-0.3399	0.0324	0.0436
A_23_P58993	MOCS1	0.007701235	3.137130135	Up	-0.5253	-0.4378	-0.0828	0.0984
A_32_P11216	NA	0.007701235	-3.217135173	Down	0.3945	0.5743	-0.0642	0.0313
A_23_P80200	NA	0.007701235	2.160482469	Up	-0.6698	-0.8077	-0.3998	-0.3977
A_24_P936252	NA	0.007701235	2.537400563	Up	-0.6548	-0.7714	-0.3686	-0.2492
A_32_P114235	NA	0.007701235	2.63635782	Up	-1.0241	-0.8506	-0.4916	-0.5245
A_24_P867702	NA	0.007701235	2.904534797	Up	-0.3356	-0.3537	0.0189	0.1995
A_24_P42308	NA	0.007701235	4.748154355	Up	-0.4075	-0.1231	0.4163	0.4512
A_23_P93543	PEX7	0.007701235	2.041962388	Up	-0.2463	-0.1184	0.1235	0.1411
A_23_P159877	RAB39B	0.007701235	3.371120933	Up	0.2658	0.1795	0.6436	0.8396
A_23_P40952	RAF1	0.007701235	3.24510453	Up	0	0	0.5997	0.4
A_23_P436476	RBM34	0.007701235	2.629942204	Up	0	0	0.4966	0.3268
A_23_P321959	SFT2D1	0.007701235	2.93596275	Up	-0.8281	-0.9573	-0.3562	-0.4952
A_24_P175435	SLC2A8	0.007701235	2.267477893	Up	0	-0.1112	0.2534	0.3484
A_23_P412962	TBX19	0.007701235	2.834253951	Up	-0.1755	-0.3337	0.1543	0.2504
A_23_P212968	UGT2B11	0.007701235	2.292935034	Up	-1.2833	-1.3725	-0.9123	-1.0255
A_23_P44643	ANAPC7	0.007780919	3.918480897	Up	-0.0357	-0.2734	0.4951	0.41
A_23_P34031	CTD-2267G17.3	0.007781568	2.237362357	Up	0.134	0.0066	0.4603	0.3859
A_32_P66091	KSR1	0.007781568	-2.852053049	Down	0.7876	0.8207	0.2426	0.4349
A_23_P86434	MGC14425	0.007781568	-2.640918705	Down	0.6947	0.5786	0.2807	0.1465
A_23_P137046	NYX	0.007781568	-4.371575139	Down	0.2074	0.0379	-0.4178	-0.6266
A_24_P245322	PRKAR1A	0.007781568	2.722803951	Up	0	0	0.3369	0.515
A_23_P421664	CAP2	0.007839354	4.284620953	Up	-0.1274	0.0548	0.6926	0.4954
A_23_P46781	ITGA8	0.007839354	-2.855758205	Down	-0.1922	-0.13	-0.7195	-0.532
A_32_P97305	NA	0.007839354	-3.755551771	Down	-0.6578	-0.7206	-1.4014	-1.1578
A_24_P928557	NA	0.007839354	2.172031428	Up	-0.9344	-1.0788	-0.655	-0.6727
A_23_P213508	PCSK1	0.007839354	-4.79057484	Down	0.8975	0.6293	0.0609	0.1421
A_23_P95879	RPL38	0.007839354	-2.342621845	Down	-0.3231	-0.2061	-0.6852	-0.5817
A_24_P338757	USPL1	0.007839354	-2.45845796	Down	0.6226	0.506	0.2325	0.1146
A_23_P416169	ALKBH5	0.007900763	2.751093811	Up	-0.6519	-0.843	-0.2851	-0.3103
A_23_P122067	C1QTNF3	0.00791921	2.789250511	Up	0.159	0.2447	0.5566	0.7259

A_24_P911571	GNB5	0.00791921	-2.97260972	Down	0.1292	0.0132	-0.3211	-0.4917
A_23_P370054	MAGEB18	0.00791921	3.429821901	Up	0	-0.1597	0.538	0.3716
A_23_P110031	ZNF589	0.00791921	-2.230518788	Down	0.3084	0.2557	-0.1428	0
A_23_P135589	NA	0.007979862	-3.742593764	Down	0.6268	0.4018	0	-0.094
A_32_P126259	NA	0.007987461	2.535236704	Up	-0.458	-0.4896	-0.1627	0.0072
A_24_P576506	SPRN	0.007987461	-2.089841893	Down	0.1038	-0.0296	-0.2954	-0.2611
A_23_P117464	TPPP2	0.007987461	2.589206091	Up	-0.1974	-0.0138	0.3263	0.3079
A_23_P70213	APC	0.008002396	3.952866344	Up	-0.352	-0.5674	0.0657	0.2213
A_23_P320658	BUB3	0.008002396	-2.074355777	Down	-0.8677	-0.926	-1.1529	-1.2822
A_23_P112846	MTHFD2L	0.008002396	3.62750544	Up	-0.0696	-0.0911	0.3434	0.5828
A_32_P47474	NA	0.008002396	-2.589571281	Down	0.4142	0.5527	0.1312	0.0121
A_24_P465306	NA	0.008002396	-2.355899339	Down	-0.4724	-0.3507	-0.7278	-0.8381
A_24_P887695	NA	0.008002396	2.439875434	Up	-0.3894	-0.4573	-0.1188	0.0358
A_23_P27515	PLD3	0.008002396	2.045317826	Up	-0.6293	-0.5242	-0.2201	-0.3102
A_23_P128174	RAB3IP	0.008002396	-2.109613164	Down	0.0429	-0.0761	-0.3004	-0.3764
A_24_P295010	SERPINB9	0.008002396	2.808596702	Up	-0.0469	0.0233	0.5198	0.3374
A_23_P345093	SLC36A4	0.008002396	-2.354400878	Down	-0.1382	-0.1358	-0.4336	-0.6
A_24_P102981	DNAJB2	0.008004468	5.501955574	Up	-0.5379	-0.5194	0.342	0.0255
A_24_P928068	TAF15	0.008004817	-2.572758286	Down	-1.0232	-1.1839	-1.5496	-1.4674
A_32_P422453	FAM21C	0.008033576	3.438384776	Up	-0.1866	-0.2913	0.1823	0.3934
A_32_P2442	CYP20A1	0.008037353	2.65768678	Up	-0.4678	-0.5425	-0.1741	-0.0011
A_24_P404458	ITGB1BP3	0.008037353	-5.062454025	Down	0.7751	0.4845	0	-0.1081
A_23_P64051	NA	0.008037353	-5.038886887	Down	0.895	0.9044	0	0.3326
A_24_P144332	NA	0.008037353	-3.197386707	Down	0.2651	0.1314	-0.404	-0.2185
A_24_P911648	NA	0.008037353	2.992592134	Up	0	0	0.5684	0.3586
A_23_P336034	OXER1	0.008037353	3.28613715	Up	-0.1541	-0.0933	0.4897	0.2712
A_23_P69068	PLXNA1	0.008037353	2.082544883	Up	-0.8194	-0.9468	-0.5968	-0.5258
A_23_P251387	REPS2	0.008037353	-2.608150876	Down	0.0622	0.0032	-0.3007	-0.4837
A_32_P30710	RPL23	0.008037353	-2.887515215	Down	0.5246	0.6085	0	0.1945
A_24_P901135	NA	0.008041986	2.520667996	Up	-1.4504	-1.6374	-1.1306	-1.1342
A_23_P124632	IGHA1	0.008072066	4.746024082	Up	-0.0418	-0.3463	0.4559	0.5553
A_23_P72096	IL1A	0.008072066	2.97489424	Up	-1.0244	-1.1024	-0.5006	-0.698
A_23_P89646	KRTAP9-2	0.008072066	2.502299551	Up	0.1074	-0.0706	0.4528	0.397
A_24_P238819	NA	0.008072066	2.020816175	Up	-1.0375	-1.1005	-0.8284	-0.705
A_24_P106953	PTGES2	0.008072066	-2.235883714	Down	0.1789	0.3339	-0.0969	-0.0757
A_24_P84482	NA	0.008086978	3.36310618	Up	-0.1012	0	0.5736	0.3581
A_23_P329198	OBFC2A	0.008086978	2.640985431	Up	-0.545	-0.363	-0.0633	0.0143
A_24_P214231	STIL	0.008086978	-3.731530417	Down	-0.0077	-0.052	-0.487	-0.7565
A_23_P101007	NOTUM	0.008095402	-3.432023033	Down	-0.3633	-0.5247	-0.8876	-1.0771
A_24_P932810	NA	0.008145068	2.851912703	Up	-0.968	-1.0087	-0.4433	-0.6455