

Supplemental Table 2. Gene Expression Fold Change in CD4+ T cells of control vs m28 treated tumors

gene_name	p_val	avg_log2FC	pct.1	pct.2	p_val_adj	cluster	gene	pct.diff
Mt1	5.20787E-07	1.601374821	0.706	0.318	0.016171989	CTRL	Mt1	0.388
Plk3	9.8746E-07	2.744449024	0.235	0.029	0.030663581	CTRL	Plk3	0.206
Hbegf	4.16691E-06	4.243546896	0.118	0.004	0.129395027	CTRL	Hbegf	0.114
Ptgds	3.21864E-05	1.854442378	0.382	0.117	0.999483655	CTRL	Ptgds	0.265
Nkiras2	5.03092E-05	3.465361311	0.118	0.008		1 CTRL	Nkiras2	0.11
Cox11	5.43926E-05	3.303528568	0.118	0.008		1 CTRL	Cox11	0.11
Cd63	6.22592E-05	2.214983684	0.353	0.113		1 CTRL	Cd63	0.24
Cx3cr1	0.000133203	5.11751688	0.088	0.004		1 CTRL	Cx3cr1	0.084
Ogg1	0.000133203	5.112092848	0.088	0.004		1 CTRL	Ogg1	0.084
Myo7a	0.000139358	4.403683681	0.088	0.004		1 CTRL	Myo7a	0.084
Rhbdd2	0.000139358	4.27803501	0.088	0.004		1 CTRL	Rhbdd2	0.084
H6pd	0.000139358	4.033657597	0.088	0.004		1 CTRL	H6pd	0.084
Zfp628	0.000139358	3.80441184	0.088	0.004		1 CTRL	Zfp628	0.084
Srfbp1	0.000145779	3.867492895	0.088	0.004		1 CTRL	Srfbp1	0.084
Ednrb	0.000145779	3.715377728	0.088	0.004		1 CTRL	Ednrb	0.084
Fam234a	0.000145779	3.344137385	0.088	0.004		1 CTRL	Fam234a	0.084
Btbd9	0.000150307	2.816377621	0.176	0.029		1 CTRL	Btbd9	0.147
Trim7	0.000177869	7.136344478	0.059	0		1 CTRL	Trim7	0.059
Klhl15	0.000177869	5.401659119	0.059	0		1 CTRL	Klhl15	0.059
Zfp84	0.000177869	5.400199582	0.059	0		1 CTRL	Zfp84	0.059
Maoa	0.000177869	5.316926291	0.059	0		1 CTRL	Maoa	0.059
Fbxo44	0.000177869	5.21315181	0.059	0		1 CTRL	Fbxo44	0.059
Ccdc51	0.000177869	5.104549596	0.059	0		1 CTRL	Ccdc51	0.059
Amacr	0.000177869	5.073618162	0.059	0		1 CTRL	Amacr	0.059
Apol9a	0.000177869	4.969736172	0.059	0		1 CTRL	Apol9a	0.059
Foxk1	0.000177869	4.951074023	0.059	0		1 CTRL	Foxk1	0.059
Gm45509	0.000177869	4.886902886	0.059	0		1 CTRL	Gm45509	0.059
Gpsm2	0.000177869	4.882710717	0.059	0		1 CTRL	Gpsm2	0.059
Rasd2	0.000177869	4.819080148	0.059	0		1 CTRL	Rasd2	0.059
Trmt10b	0.000177869	4.718865996	0.059	0		1 CTRL	Trmt10b	0.059
Cdca2	0.000177869	4.467428481	0.059	0		1 CTRL	Cdca2	0.059
Timm44	0.000245303	4.113314966	0.118	0.013		1 CTRL	Timm44	0.105
Fkbp9	0.000270867	3.459481666	0.118	0.013		1 CTRL	Fkbp9	0.105
Mt3	0.000286346	2.903504471	0.147	0.021		1 CTRL	Mt3	0.126
1810032O08R	0.000289275	3.168466771	0.118	0.013		1 CTRL	1810032O08	0.105
Gadd45b	0.000336167	1.416210437	0.676	0.49		1 CTRL	Gadd45b	0.186
Hk2	0.000385007	2.526218068	0.176	0.033		1 CTRL	Hk2	0.143
Dct	0.000466448	1.05274499	0.559	0.289		1 CTRL	Dct	0.27
Rcsd1	0.000627267	1.73371252	0.265	0.075		1 CTRL	Rcsd1	0.19
Poldip2	0.000640501	2.777797009	0.147	0.025		1 CTRL	Poldip2	0.122
Smg5	0.000674621	2.642826406	0.206	0.05		1 CTRL	Smg5	0.156
Carhsp1	0.000686233	2.768276325	0.176	0.038		1 CTRL	Carhsp1	0.138
Npm3	0.000784148	2.303439978	0.235	0.067		1 CTRL	Npm3	0.168
Fnbp4	0.000832366	2.180957372	0.206	0.05		1 CTRL	Fnbp4	0.156
Car6	0.000923943	2.170913235	0.176	0.038		1 CTRL	Car6	0.138
Nop2	0.001081216	4.343748115	0.088	0.008		1 CTRL	Nop2	0.08
Ulk3	0.001120036	3.377651401	0.088	0.008		1 CTRL	Ulk3	0.08
Eif2ak1	0.00116014	3.484582266	0.088	0.008		1 CTRL	Eif2ak1	0.08
Thg1l	0.00116014	3.420188804	0.088	0.008		1 CTRL	Thg1l	0.08

Tbc1d7	0.00116014	3.304704151	0.088	0.008	1 CTRL	Tbc1d7	0.08
Cystm1	0.001170738	2.88251393	0.118	0.017	1 CTRL	Cystm1	0.101
Klf3	0.001201569	3.621926305	0.088	0.008	1 CTRL	Klf3	0.08
Mgarp	0.001201569	3.298599127	0.088	0.008	1 CTRL	Mgarp	0.08
Prim1	0.00124436	3.194074494	0.088	0.008	1 CTRL	Prim1	0.08
Serpinh1	0.00124436	2.947909525	0.088	0.008	1 CTRL	Serpinh1	0.08
Praf2	0.001288555	2.630948199	0.088	0.008	1 CTRL	Praf2	0.08
Nfkbia	0.001321167	1.110265212	0.765	0.598	1 CTRL	Nfkbia	0.167
AY036118	0.001345401	0.711069021	0.971	0.808	1 CTRL	AY036118	0.163
Tuba1b	0.001416286	2.068110177	0.294	0.105	1 CTRL	Tuba1b	0.189
Laptm4a	0.001757976	1.439421187	0.324	0.126	1 CTRL	Laptm4a	0.198
Gps1	0.001893469	1.847959715	0.235	0.071	1 CTRL	Gps1	0.164
Sdf4	0.001900505	0.915364935	0.794	0.678	1 CTRL	Sdf4	0.116
Sdhaf1	0.002233072	1.644178983	0.324	0.134	1 CTRL	Sdhaf1	0.19
Snu13	0.002253526	1.084529907	0.382	0.155	1 CTRL	Snu13	0.227
Vdac2	0.002337817	0.995693271	0.559	0.356	1 CTRL	Vdac2	0.203
Tmcc1	0.002543779	2.584660657	0.176	0.046	1 CTRL	Tmcc1	0.13
Chchd5	0.002583307	2.881235238	0.118	0.021	1 CTRL	Chchd5	0.097
Trim27	0.002765896	1.712751307	0.235	0.075	1 CTRL	Trim27	0.16
Hspa4	0.002782354	1.276106973	0.294	0.109	1 CTRL	Hspa4	0.185
Epc1	0.002792954	1.688623348	0.206	0.059	1 CTRL	Epc1	0.147
Chchd10	0.002865761	1.21624407	0.441	0.218	1 CTRL	Chchd10	0.223
Tor1b	0.002921474	3.403106382	0.118	0.021	1 CTRL	Tor1b	0.097
Sap30bp	0.002933917	1.865167969	0.206	0.059	1 CTRL	Sap30bp	0.147
Zfp36	0.003288422	1.784915901	0.206	0.059	1 CTRL	Zfp36	0.147
Slc25a11	0.003309195	1.721835492	0.265	0.092	1 CTRL	Slc25a11	0.173
Ddit4	0.003898328	1.201431134	0.382	0.176	1 CTRL	Ddit4	0.206
Uggt1	0.004119375	1.943451922	0.147	0.033	1 CTRL	Uggt1	0.114
Abtb2	0.004228529	4.934752591	0.059	0.004	1 CTRL	Abtb2	0.055
2700097O09R	0.004228529	4.360131798	0.059	0.004	1 CTRL	2700097O09	0.055
Nedd4l	0.004228529	4.311756837	0.059	0.004	1 CTRL	Nedd4l	0.055
Parp3	0.004228529	4.122380604	0.059	0.004	1 CTRL	Parp3	0.055
Tyr	0.004228529	4.020209239	0.059	0.004	1 CTRL	Tyr	0.055
Pla2g2e	0.004228529	3.99731861	0.059	0.004	1 CTRL	Pla2g2e	0.055
Cadm1	0.004228529	3.975959817	0.059	0.004	1 CTRL	Cadm1	0.055
Nbn	0.004228529	3.931689607	0.059	0.004	1 CTRL	Nbn	0.055
A230005M16l	0.004228529	3.7945484	0.059	0.004	1 CTRL	A230005M1l	0.055
Cdon	0.004228529	3.698083469	0.059	0.004	1 CTRL	Cdon	0.055
Gstm2	0.004228529	3.625883346	0.059	0.004	1 CTRL	Gstm2	0.055
Mpv17	0.004403173	3.92832837	0.059	0.004	1 CTRL	Mpv17	0.055
Tspyl4	0.004403173	3.909535231	0.059	0.004	1 CTRL	Tspyl4	0.055
Jmjd8	0.004403173	3.893802637	0.059	0.004	1 CTRL	Jmjd8	0.055
Pcgf3	0.004403173	3.602032074	0.059	0.004	1 CTRL	Pcgf3	0.055
Tfpi	0.004403173	3.268269603	0.059	0.004	1 CTRL	Tfpi	0.055
Ccdc61	0.004403173	3.068007335	0.059	0.004	1 CTRL	Ccdc61	0.055
Cited1	0.004406015	3.549252343	0.088	0.013	1 CTRL	Cited1	0.075
C1galt1c1	0.004534215	3.081738227	0.088	0.013	1 CTRL	C1galt1c1	0.075
Tinagl1	0.004584329	3.412897916	0.059	0.004	1 CTRL	Tinagl1	0.055
Isoc1	0.004584329	2.698714867	0.059	0.004	1 CTRL	Isoc1	0.055
Slc39a11	0.004584329	2.515996038	0.059	0.004	1 CTRL	Slc39a11	0.055
Gm867	0.004584329	2.103945414	0.059	0.004	1 CTRL	Gm867	0.055

Saal1	0.004665785	3.134426563	0.088	0.013	1 CTRL	Saal1	0.075
Polg2	0.004800802	2.897929812	0.088	0.013	1 CTRL	Polg2	0.075
Mrps35	0.004805154	2.258230298	0.176	0.05	1 CTRL	Mrps35	0.126
Klc4	0.004939344	3.166315095	0.088	0.013	1 CTRL	Klc4	0.075
Ints3	0.004939344	2.691998949	0.088	0.013	1 CTRL	Ints3	0.075
Golga1	0.004939344	2.608754748	0.088	0.013	1 CTRL	Golga1	0.075
Btrc	0.005081494	2.750629301	0.088	0.013	1 CTRL	Btrc	0.075
Bfar	0.005401901	1.932461616	0.176	0.05	1 CTRL	Bfar	0.126
Serpina3g	0.005719048	1.793125905	0.382	0.192	1 CTRL	Serpina3g	0.19
Slc25a5	0.005970059	0.700256787	0.735	0.582	1 CTRL	Slc25a5	0.153
Rbms2	0.006447452	2.312134065	0.147	0.038	1 CTRL	Rbms2	0.109
Scyl2	0.006447452	1.972471687	0.147	0.038	1 CTRL	Scyl2	0.109
Fam98b	0.006642201	3.147240657	0.118	0.025	1 CTRL	Fam98b	0.093
Vezf1	0.007083995	2.4133972	0.118	0.025	1 CTRL	Vezf1	0.093
Galt	0.007083995	2.258871776	0.118	0.025	1 CTRL	Galt	0.093
Areg	0.007143857	1.236973008	0.559	0.339	1 CTRL	Areg	0.22
Gtf2h2	0.007237019	1.87360314	0.118	0.025	1 CTRL	Gtf2h2	0.093
Id2	0.007305199	0.860344776	0.618	0.439	1 CTRL	Id2	0.179
Tctex1d2	0.007393003	2.251500433	0.118	0.025	1 CTRL	Tctex1d2	0.093
Asf1a	0.007551996	2.180683273	0.118	0.025	1 CTRL	Asf1a	0.093
Srp72	0.007614586	1.493182864	0.324	0.146	1 CTRL	Srp72	0.178
Tceal9	0.007833575	2.133114893	0.265	0.113	1 CTRL	Tceal9	0.152
Ly75	0.00787692	1.481558936	0.147	0.038	1 CTRL	Ly75	0.109
Lancl1	0.008047531	1.894794101	0.118	0.025	1 CTRL	Lancl1	0.093
Zfp395	0.008285456	5.880126522	0.029	0	1 CTRL	Zfp395	0.029
Try5	0.008285456	5.590124008	0.029	0	1 CTRL	Try5	0.029
Oas2	0.008285456	5.260197869	0.029	0	1 CTRL	Oas2	0.029
Naa25	0.008285456	5.260197869	0.029	0	1 CTRL	Naa25	0.029
Fzd7	0.008285456	5.244243656	0.029	0	1 CTRL	Fzd7	0.029
Batf3	0.008285456	5.244243656	0.029	0	1 CTRL	Batf3	0.029
Nat8	0.008285456	5.244243656	0.029	0	1 CTRL	Nat8	0.029
Plbd1	0.008285456	5.244243656	0.029	0	1 CTRL	Plbd1	0.029
Fuk	0.008285456	5.244243656	0.029	0	1 CTRL	Fuk	0.029
Pfas	0.008285456	5.244243656	0.029	0	1 CTRL	Pfas	0.029
Prss30	0.008285456	5.244243656	0.029	0	1 CTRL	Prss30	0.029
Gm26749	0.008285456	5.244243656	0.029	0	1 CTRL	Gm26749	0.029
Fgfbp3	0.008285456	5.244243656	0.029	0	1 CTRL	Fgfbp3	0.029
Plpp7	0.008285456	5.211161336	0.029	0	1 CTRL	Plpp7	0.029
Insrr	0.008285456	5.211161336	0.029	0	1 CTRL	Insrr	0.029
Gm11837	0.008285456	5.211161336	0.029	0	1 CTRL	Gm11837	0.029
Gm28053	0.008285456	5.211161336	0.029	0	1 CTRL	Gm28053	0.029
Wasf1	0.008285456	5.211161336	0.029	0	1 CTRL	Wasf1	0.029
Tbx4	0.008285456	5.211161336	0.029	0	1 CTRL	Tbx4	0.029
Crip2	0.008285456	5.211161336	0.029	0	1 CTRL	Crip2	0.029
Ecscr	0.008285456	5.211161336	0.029	0	1 CTRL	Ecscr	0.029
Nsun6	0.008285456	5.202586883	0.029	0	1 CTRL	Nsun6	0.029
P2ry1	0.008285456	5.202586883	0.029	0	1 CTRL	P2ry1	0.029
Trim63	0.008285456	5.202586883	0.029	0	1 CTRL	Trim63	0.029
Adgrg1	0.008285456	5.202586883	0.029	0	1 CTRL	Adgrg1	0.029
Tmprss13	0.008285456	5.202586883	0.029	0	1 CTRL	Tmprss13	0.029
Rhbdf1	0.008285456	5.202586883	0.029	0	1 CTRL	Rhbdf1	0.029

Prkar2b	0.008285456	5.202586883	0.029	0	1 CTRL	Prkar2b	0.029
Hspb1	0.008285456	5.142390784	0.029	0	1 CTRL	Hspb1	0.029
Parp2	0.008285456	5.142390784	0.029	0	1 CTRL	Parp2	0.029
Trav14n-3	0.008285456	5.142390784	0.029	0	1 CTRL	Trav14n-3	0.029
Tirap	0.008285456	5.142390784	0.029	0	1 CTRL	Tirap	0.029
Gm11696	0.008285456	5.142390784	0.029	0	1 CTRL	Gm11696	0.029
Qtrt2	0.008285456	5.142390784	0.029	0	1 CTRL	Qtrt2	0.029
0610009O20R	0.008285456	5.142390784	0.029	0	1 CTRL	0610009O20	0.029
E2f1	0.008285456	4.956180307	0.029	0	1 CTRL	E2f1	0.029
Zfp772	0.008285456	4.956180307	0.029	0	1 CTRL	Zfp772	0.029
Zfp111	0.008285456	4.956180307	0.029	0	1 CTRL	Zfp111	0.029
Pitrm1	0.008285456	4.956180307	0.029	0	1 CTRL	Pitrm1	0.029
Plekhm3	0.008285456	4.947650243	0.029	0	1 CTRL	Plekhm3	0.029
Gm13708	0.008285456	4.947650243	0.029	0	1 CTRL	Gm13708	0.029
Kcnd1	0.008285456	4.947650243	0.029	0	1 CTRL	Kcnd1	0.029
Ccdc77	0.008285456	4.947650243	0.029	0	1 CTRL	Ccdc77	0.029
Loxl2	0.008285456	4.947650243	0.029	0	1 CTRL	Loxl2	0.029
Scn2a	0.008285456	4.796321094	0.029	0	1 CTRL	Scn2a	0.029
Asph	0.008285456	4.796321094	0.029	0	1 CTRL	Asph	0.029
Creld1	0.008285456	4.796321094	0.029	0	1 CTRL	Creld1	0.029
Spata2l	0.008285456	4.796321094	0.029	0	1 CTRL	Spata2l	0.029
Gm16907	0.008285456	4.796321094	0.029	0	1 CTRL	Gm16907	0.029
Atg9b	0.008285456	4.740500063	0.029	0	1 CTRL	Atg9b	0.029
Pinx1	0.008285456	4.740500063	0.029	0	1 CTRL	Pinx1	0.029
Cbr2	0.008285456	4.740500063	0.029	0	1 CTRL	Cbr2	0.029
Adgrf5	0.008285456	4.740500063	0.029	0	1 CTRL	Adgrf5	0.029
Loxl4	0.008285456	4.740500063	0.029	0	1 CTRL	Loxl4	0.029
Scamp5	0.008285456	4.735648929	0.029	0	1 CTRL	Scamp5	0.029
Rab26	0.008285456	4.735648929	0.029	0	1 CTRL	Rab26	0.029
Gm17552	0.008285456	4.735648929	0.029	0	1 CTRL	Gm17552	0.029
B3gat2	0.008285456	4.729609637	0.029	0	1 CTRL	B3gat2	0.029
Fam198b	0.008285456	4.729609637	0.029	0	1 CTRL	Fam198b	0.029
F3	0.008285456	4.729609637	0.029	0	1 CTRL	F3	0.029
Sowahc	0.008285456	4.729609637	0.029	0	1 CTRL	Sowahc	0.029
Gatc	0.008285456	4.651211354	0.029	0	1 CTRL	Gatc	0.029
Cmtr2	0.008285456	4.651211354	0.029	0	1 CTRL	Cmtr2	0.029
Mtrf1	0.008285456	4.651211354	0.029	0	1 CTRL	Mtrf1	0.029
Ccdc15	0.008285456	4.651211354	0.029	0	1 CTRL	Ccdc15	0.029
Nphp3	0.008285456	4.651211354	0.029	0	1 CTRL	Nphp3	0.029
Mfsd3	0.008285456	4.651211354	0.029	0	1 CTRL	Mfsd3	0.029
Rcor3	0.008285456	4.637643802	0.029	0	1 CTRL	Rcor3	0.029
Pter	0.008285456	4.637643802	0.029	0	1 CTRL	Pter	0.029
Afap1	0.008285456	4.637643802	0.029	0	1 CTRL	Afap1	0.029
Nav3	0.008285456	4.637643802	0.029	0	1 CTRL	Nav3	0.029
Hes1	0.008285456	4.637643802	0.029	0	1 CTRL	Hes1	0.029
Pcdhgb2	0.008285456	4.637643802	0.029	0	1 CTRL	Pcdhgb2	0.029
Khdc1a	0.008285456	4.619766199	0.029	0	1 CTRL	Khdc1a	0.029
Adamts13	0.008285456	4.619766199	0.029	0	1 CTRL	Adamts13	0.029
Trmo	0.008285456	4.619766199	0.029	0	1 CTRL	Trmo	0.029
Gorasp1	0.008285456	4.619766199	0.029	0	1 CTRL	Gorasp1	0.029
Tubb3	0.008285456	4.517278729	0.029	0	1 CTRL	Tubb3	0.029

Cyp1b1	0.008285456	4.517278729	0.029	0	1 CTRL	Cyp1b1	0.029
Cyb5r1	0.008285456	4.489828145	0.029	0	1 CTRL	Cyb5r1	0.029
Lin9	0.008285456	4.489828145	0.029	0	1 CTRL	Lin9	0.029
Aar2	0.008285456	4.489828145	0.029	0	1 CTRL	Aar2	0.029
Lonrf3	0.008285456	4.489828145	0.029	0	1 CTRL	Lonrf3	0.029
Gsdmc	0.008285456	4.489828145	0.029	0	1 CTRL	Gsdmc	0.029
9130011E15Ri	0.008285456	4.489828145	0.029	0	1 CTRL	9130011E15	0.029
Mpped2	0.008285456	4.443365419	0.029	0	1 CTRL	Mpped2	0.029
Tmem8b	0.008285456	4.443365419	0.029	0	1 CTRL	Tmem8b	0.029
Sbk1	0.008285456	4.443365419	0.029	0	1 CTRL	Sbk1	0.029
Pnma2	0.008285456	4.443365419	0.029	0	1 CTRL	Pnma2	0.029
Tefm	0.008285456	4.443365419	0.029	0	1 CTRL	Tefm	0.029
Cryzl2	0.008285456	4.435617586	0.029	0	1 CTRL	Cryzl2	0.029
Pard6b	0.008285456	4.435617586	0.029	0	1 CTRL	Pard6b	0.029
Hdac6	0.008285456	4.435617586	0.029	0	1 CTRL	Hdac6	0.029
Cavin4	0.008285456	4.435617586	0.029	0	1 CTRL	Cavin4	0.029
Fgfrl1	0.008285456	4.435617586	0.029	0	1 CTRL	Fgfrl1	0.029
Usp18	0.008285456	4.435617586	0.029	0	1 CTRL	Usp18	0.029
E2f8	0.008285456	4.435617586	0.029	0	1 CTRL	E2f8	0.029
Gas7	0.008285456	4.435617586	0.029	0	1 CTRL	Gas7	0.029
Ptges3l	0.008285456	4.435617586	0.029	0	1 CTRL	Ptges3l	0.029
Trp53cor1	0.008285456	4.435617586	0.029	0	1 CTRL	Trp53cor1	0.029
Emilin2	0.008285456	4.435617586	0.029	0	1 CTRL	Emilin2	0.029
Ifit3b	0.008285456	4.435617586	0.029	0	1 CTRL	Ifit3b	0.029
Armcx2	0.008285456	4.332585089	0.029	0	1 CTRL	Armcx2	0.029
Cc2d2a	0.008285456	4.332585089	0.029	0	1 CTRL	Cc2d2a	0.029
Syde1	0.008285456	4.332585089	0.029	0	1 CTRL	Syde1	0.029
Clu	0.008285456	4.332585089	0.029	0	1 CTRL	Clu	0.029
Gm2245	0.008285456	4.332585089	0.029	0	1 CTRL	Gm2245	0.029
Parvb	0.008285456	4.332585089	0.029	0	1 CTRL	Parvb	0.029
Spink10	0.008285456	4.332585089	0.029	0	1 CTRL	Spink10	0.029
A930041C12R	0.008285456	4.330801033	0.029	0	1 CTRL	A930041C12	0.029
9930022D16R	0.008285456	4.330801033	0.029	0	1 CTRL	9930022D16	0.029
Sapcd1	0.008285456	4.330801033	0.029	0	1 CTRL	Sapcd1	0.029
Akap17b	0.008285456	4.303455498	0.029	0	1 CTRL	Akap17b	0.029
Efna4	0.008285456	4.303455498	0.029	0	1 CTRL	Efna4	0.029
Npr2	0.008285456	4.303455498	0.029	0	1 CTRL	Npr2	0.029
Pex26	0.008285456	4.303455498	0.029	0	1 CTRL	Pex26	0.029
Zfp975	0.008285456	4.303455498	0.029	0	1 CTRL	Zfp975	0.029
Gm10273	0.008285456	4.303455498	0.029	0	1 CTRL	Gm10273	0.029
Gjb2	0.008285456	4.303455498	0.029	0	1 CTRL	Gjb2	0.029
Gm26819	0.008285456	4.303455498	0.029	0	1 CTRL	Gm26819	0.029
Angel1	0.008285456	4.303455498	0.029	0	1 CTRL	Angel1	0.029
Mafa	0.008285456	4.303455498	0.029	0	1 CTRL	Mafa	0.029
Prph	0.008285456	4.303455498	0.029	0	1 CTRL	Prph	0.029
A130010J15Ri	0.008285456	4.264754286	0.029	0	1 CTRL	A130010J15I	0.029
Ccdc141	0.008285456	4.264754286	0.029	0	1 CTRL	Ccdc141	0.029
Myom3	0.008285456	4.264754286	0.029	0	1 CTRL	Myom3	0.029
Dennd2a	0.008285456	4.264754286	0.029	0	1 CTRL	Dennd2a	0.029
C1ra	0.008285456	4.264754286	0.029	0	1 CTRL	C1ra	0.029
Zbtb14	0.008285456	4.264754286	0.029	0	1 CTRL	Zbtb14	0.029

Gpr143	0.008285456	4.201094261	0.029	0	1 CTRL	Gpr143	0.029
Gm30074	0.008285456	4.201094261	0.029	0	1 CTRL	Gm30074	0.029
Plpp3	0.008285456	4.201094261	0.029	0	1 CTRL	Plpp3	0.029
Mypop	0.008285456	4.201094261	0.029	0	1 CTRL	Mypop	0.029
Hmga2	0.008285456	4.201094261	0.029	0	1 CTRL	Hmga2	0.029
Asb5	0.008285456	4.201094261	0.029	0	1 CTRL	Asb5	0.029
Anln	0.008285456	4.201094261	0.029	0	1 CTRL	Anln	0.029
Icam2	0.008285456	4.201094261	0.029	0	1 CTRL	Icam2	0.029
Trpc7	0.008285456	4.201094261	0.029	0	1 CTRL	Trpc7	0.029
Scamp1	0.008285456	4.201094261	0.029	0	1 CTRL	Scamp1	0.029
Top1mt	0.008285456	4.201094261	0.029	0	1 CTRL	Top1mt	0.029
Gsto2	0.008285456	4.201094261	0.029	0	1 CTRL	Gsto2	0.029
Ddx31	0.008285456	4.167646114	0.029	0	1 CTRL	Ddx31	0.029
Trp53rka	0.008285456	4.167646114	0.029	0	1 CTRL	Trp53rka	0.029
Clec4b1	0.008285456	4.167646114	0.029	0	1 CTRL	Clec4b1	0.029
Zfp773	0.008285456	4.167646114	0.029	0	1 CTRL	Zfp773	0.029
2610008E11Ri	0.008285456	4.167646114	0.029	0	1 CTRL	2610008E11	0.029
Smyd4	0.008285456	4.167646114	0.029	0	1 CTRL	Smyd4	0.029
Gm15445	0.008285456	4.007460712	0.029	0	1 CTRL	Gm15445	0.029
Tmem141	0.008285456	4.007460712	0.029	0	1 CTRL	Tmem141	0.029
Rhox8	0.008285456	4.007460712	0.029	0	1 CTRL	Rhox8	0.029
Chic1	0.008285456	4.007460712	0.029	0	1 CTRL	Chic1	0.029
Gm10399	0.008285456	4.007460712	0.029	0	1 CTRL	Gm10399	0.029
Gm15133	0.008285456	4.007460712	0.029	0	1 CTRL	Gm15133	0.029
Gm9803	0.008285456	4.007460712	0.029	0	1 CTRL	Gm9803	0.029
Pbk	0.008285456	4.007460712	0.029	0	1 CTRL	Pbk	0.029
Mtx3	0.008285456	4.007460712	0.029	0	1 CTRL	Mtx3	0.029
Trim36	0.008285456	4.007460712	0.029	0	1 CTRL	Trim36	0.029
Cnot9	0.008285456	3.93990378	0.029	0	1 CTRL	Cnot9	0.029
Nes	0.008285456	3.93990378	0.029	0	1 CTRL	Nes	0.029
Kazn	0.008285456	3.93990378	0.029	0	1 CTRL	Kazn	0.029
Zfp956	0.008285456	3.93990378	0.029	0	1 CTRL	Zfp956	0.029
Ccer2	0.008285456	3.93990378	0.029	0	1 CTRL	Ccer2	0.029
Tdh	0.008285456	3.93990378	0.029	0	1 CTRL	Tdh	0.029
Qtrt1	0.008285456	3.93990378	0.029	0	1 CTRL	Qtrt1	0.029
Wdr5b	0.008285456	3.93990378	0.029	0	1 CTRL	Wdr5b	0.029
B4galt6	0.008285456	3.93990378	0.029	0	1 CTRL	B4galt6	0.029
Myof	0.008285456	3.93990378	0.029	0	1 CTRL	Myof	0.029
Gm6710	0.008285456	3.931379867	0.029	0	1 CTRL	Gm6710	0.029
Prkcg	0.008285456	3.931379867	0.029	0	1 CTRL	Prkcg	0.029
Olfr961	0.008285456	3.931379867	0.029	0	1 CTRL	Olfr961	0.029
Gm29562	0.008285456	3.931379867	0.029	0	1 CTRL	Gm29562	0.029
Dnmbp	0.008285456	3.931379867	0.029	0	1 CTRL	Dnmbp	0.029
Efcab2	0.008285456	3.633800839	0.029	0	1 CTRL	Efcab2	0.029
Ttc30a1	0.008285456	3.633800839	0.029	0	1 CTRL	Ttc30a1	0.029
Aldh1b1	0.008285456	3.633800839	0.029	0	1 CTRL	Aldh1b1	0.029
5830473C10R	0.008285456	3.633800839	0.029	0	1 CTRL	5830473C10	0.029
Nat8f1	0.008285456	3.633800839	0.029	0	1 CTRL	Nat8f1	0.029
Gm38947	0.008285456	3.633800839	0.029	0	1 CTRL	Gm38947	0.029
Zfp568	0.008285456	3.633800839	0.029	0	1 CTRL	Zfp568	0.029
Map7	0.008285456	3.633800839	0.029	0	1 CTRL	Map7	0.029

Prss57	0.008285456	3.633800839	0.029	0	1 CTRL	Prss57	0.029
Celf5	0.008285456	3.633800839	0.029	0	1 CTRL	Celf5	0.029
Oaf	0.008285456	3.633800839	0.029	0	1 CTRL	Oaf	0.029
Zfp3	0.008285456	3.633800839	0.029	0	1 CTRL	Zfp3	0.029
Gm45606	0.008285456	3.633800839	0.029	0	1 CTRL	Gm45606	0.029
Dnaaf2	0.008285456	3.633800839	0.029	0	1 CTRL	Dnaaf2	0.029
Ankrd13d	0.008285456	3.633800839	0.029	0	1 CTRL	Ankrd13d	0.029
Lad1	0.008285456	3.607322533	0.029	0	1 CTRL	Lad1	0.029
Bfsp1	0.008285456	3.607322533	0.029	0	1 CTRL	Bfsp1	0.029
Tmem67	0.008285456	3.607322533	0.029	0	1 CTRL	Tmem67	0.029
Uchl1	0.008285456	3.607322533	0.029	0	1 CTRL	Uchl1	0.029
Fgd6	0.008285456	3.607322533	0.029	0	1 CTRL	Fgd6	0.029
Uaca	0.008285456	3.607322533	0.029	0	1 CTRL	Uaca	0.029
Scin	0.008285456	3.607322533	0.029	0	1 CTRL	Scin	0.029
D930030I03Ri	0.008285456	3.607322533	0.029	0	1 CTRL	D930030I03I	0.029
Tcf4	0.008285456	3.607322533	0.029	0	1 CTRL	Tcf4	0.029
Mroh8	0.008285456	3.383904546	0.029	0	1 CTRL	Mroh8	0.029
Fam122b	0.008285456	3.383904546	0.029	0	1 CTRL	Fam122b	0.029
Zc4h2	0.008285456	3.383904546	0.029	0	1 CTRL	Zc4h2	0.029
Col16a1	0.008285456	3.383904546	0.029	0	1 CTRL	Col16a1	0.029
Bicd1	0.008285456	3.383904546	0.029	0	1 CTRL	Bicd1	0.029
Atp6v1b1	0.008285456	3.383904546	0.029	0	1 CTRL	Atp6v1b1	0.029
Zik1	0.008285456	3.383904546	0.029	0	1 CTRL	Zik1	0.029
Mtg1	0.008285456	3.383904546	0.029	0	1 CTRL	Mtg1	0.029
Gemin5	0.008285456	3.383904546	0.029	0	1 CTRL	Gemin5	0.029
Six1	0.008285456	3.383904546	0.029	0	1 CTRL	Six1	0.029
Tecpr2	0.008285456	3.383904546	0.029	0	1 CTRL	Tecpr2	0.029
Lbhd2	0.008285456	3.383904546	0.029	0	1 CTRL	Lbhd2	0.029
Ncapg2	0.008285456	3.383904546	0.029	0	1 CTRL	Ncapg2	0.029
Oosp1	0.008285456	3.383904546	0.029	0	1 CTRL	Oosp1	0.029
Ninl	0.008285456	3.005928514	0.029	0	1 CTRL	Ninl	0.029
Hemgn	0.008285456	3.005928514	0.029	0	1 CTRL	Hemgn	0.029
Cdkn2b	0.008285456	3.005928514	0.029	0	1 CTRL	Cdkn2b	0.029
Gm32051	0.008285456	3.005928514	0.029	0	1 CTRL	Gm32051	0.029
Ung	0.008285456	3.005928514	0.029	0	1 CTRL	Ung	0.029
Zfp775	0.008285456	3.005928514	0.029	0	1 CTRL	Zfp775	0.029
Tubgcp5	0.008285456	3.005928514	0.029	0	1 CTRL	Tubgcp5	0.029
Gm16853	0.008285456	3.005928514	0.029	0	1 CTRL	Gm16853	0.029
C3	0.008285456	3.005928514	0.029	0	1 CTRL	C3	0.029
C130013H08R	0.008285456	2.975536882	0.029	0	1 CTRL	C130013H08	0.029
Extl2	0.008285456	2.975536882	0.029	0	1 CTRL	Extl2	0.029
Stbd1	0.008285456	2.975536882	0.029	0	1 CTRL	Stbd1	0.029
Zfp446	0.008285456	2.975536882	0.029	0	1 CTRL	Zfp446	0.029
Polr3e	0.008285456	2.975536882	0.029	0	1 CTRL	Polr3e	0.029
Nlgn2	0.008285456	2.975536882	0.029	0	1 CTRL	Nlgn2	0.029
Gm34794	0.008285456	2.975536882	0.029	0	1 CTRL	Gm34794	0.029
Ccdc191	0.008285456	2.975536882	0.029	0	1 CTRL	Ccdc191	0.029
Gm4950	0.008285456	2.975536882	0.029	0	1 CTRL	Gm4950	0.029
Gm10521	0.008285456	2.923844582	0.029	0	1 CTRL	Gm10521	0.029
1110019D14R	0.008285456	2.923844582	0.029	0	1 CTRL	1110019D14	0.029
Zfp27	0.008285456	2.923844582	0.029	0	1 CTRL	Zfp27	0.029

Zfp788	0.008285456	2.923844582	0.029	0	1 CTRL	Zfp788	0.029
2310057M21f	0.008285456	2.923844582	0.029	0	1 CTRL	2310057M21f	0.029
Rec8	0.008285456	2.923844582	0.029	0	1 CTRL	Rec8	0.029
Nat6	0.008285456	2.923844582	0.029	0	1 CTRL	Nat6	0.029
Kif19a	0.008285456	2.923844582	0.029	0	1 CTRL	Kif19a	0.029
Traf1	0.008515446	1.278630027	0.618	0.444	1 CTRL	Traf1	0.174
Btg1	0.008596149	0.894230229	0.794	0.628	1 CTRL	Btg1	0.166
Cox7a2l	0.00092051	1.928211707	0.46	0.176	1 M28	Cox7a2l	0.284
Ppp1ca	0.001272377	1.161465481	0.644	0.353	1 M28	Ppp1ca	0.291
Uba52	0.001425654	2.600557769	0.351	0.088	1 M28	Uba52	0.263
Ssh2	0.003089473	7.302429937	0.213	0	1 M28	Ssh2	0.213
Ap2s1	0.003293329	2.089268503	0.389	0.147	1 M28	Ap2s1	0.242
Ebp	0.003897414	2.557319648	0.297	0.059	1 M28	Ebp	0.238
Lat	0.004198635	1.200309037	0.519	0.265	1 M28	Lat	0.254
Hcls1	0.00648106	1.712392958	0.397	0.176	1 M28	Hcls1	0.221
Lbh	0.006719582	1.845592506	0.289	0.059	1 M28	Lbh	0.23
Pak2	0.007089474	2.13475727	0.326	0.118	1 M28	Pak2	0.208
Dnajc15	0.007157335	2.826874094	0.234	0.029	1 M28	Dnajc15	0.205
Wdr26	0.008053103	2.874086667	0.259	0.059	1 M28	Wdr26	0.2
Atp5g1	0.008119816	1.014135844	0.444	0.206	1 M28	Atp5g1	0.238
Lcp1	0.008327032	0.917141309	0.649	0.471	1 M28	Lcp1	0.178
Ywhaz	0.008476742	1.335857374	0.368	0.118	1 M28	Ywhaz	0.25
Itgb7	0.008703945	1.049624846	0.628	0.412	1 M28	Itgb7	0.216
Dusp5	0.009000411	1.812857277	0.31	0.088	1 M28	Dusp5	0.222
Ube2h	0.009925125	2.763476606	0.222	0.029	1 M28	Ube2h	0.193