

Supplemental Table 5 z-score of regulated genes shown in the heatmap

Gene	ETOH_1	ETOH_2	ETOH_3	AEA_1	AEA_2	AEA_3	ETOH.IIb_1	ETOH.IIb_2	ETOH.IIb_3	AEA.IIb_1	AEA.IIb_2	AEA.IIb_3
NFKBID	-0.93226995	-1.256711756	-1.265158542	-0.603763988	-1.063434485	-0.166082359	0.886220946	0.500753739	0.322651032	1.29885603	1.183281335	1.095676426
BCL2A1	-0.95176363	-0.815487602	-2.065369012	-0.202913034	-0.452724999	-0.351554333	0.492224453	0.663111156	0.204612777	1.306787851	1.039277342	1.132899032
INHBA	-1.88244944	-0.872961997	-1.573129086	0.008189493	0.078159144	0.296106512	0.409267123	0.062045797	0.062045797	1.154168236	1.274544032	0.997737544
CXCL2	-1.519980804	-1.52784013	-1.239295447	0.157530878	0.032829559	0.679354562	-0.436054219	0.352736525	0.061574016	1.242164214	1.267903105	0.92907771
NOCT	-1.628042039	-1.179631157	-1.065670187	-0.718219006	-0.571952197	0.326848042	0.170937829	0.626360723	0.502852232	1.276149974	1.216512604	1.043851813
CLUHP3	-1.772890808	-1.243492994	-0.93901898	-0.343876509	-0.127096415	0.846143707	-0.342869914	-0.114581157	0.488918858	1.246907913	1.199332124	1.102521317
LINC00936	-1.291413172	-1.293899968	-1.032568235	-0.315385396	-0.486001565	0.827162599	-0.25798627	-0.419836908	0.353569484	1.232512024	1.118160565	1.483499199
LIF	-1.851372168	-1.074793209	-1.533485209	-0.225127899	0.039162556	0.561516111	0.044109168	0.785920171	0.30041869	0.815060511	1.205621829	0.932969449
RIPK2	-1.431039517	-0.96018118	-1.904473623	-0.172939221	-0.124827568	0.088848568	0.217510462	0.483449922	0.42513696	0.892900989	1.21097646	1.214637748
SLC26A8	-1.243014485	-0.894107391	-1.163589574	-0.956263987	-0.825522138	0.202971445	0.425353318	0.059254018	0.599045968	0.825346598	1.367113525	1.603412702
CXCL3	-1.595084753	-1.52983549	-1.486411307	-0.00054693	0.024883455	0.60519468	0.004402296	0.482468339	0.439811718	1.04827847	0.993679779	1.013159743
SLC43A3	-1.004568695	-1.007674936	-1.314457153	-0.206179415	-0.702633841	0.868382435	-0.516547705	-0.289887816	0.382570287	0.913912166	0.945549955	1.931534718
NFKB2	-1.721086117	-1.21506925	-1.086578652	-0.655686727	-0.445278224	0.533966094	0.06773342	0.591684571	0.56384137	1.018548878	1.150658279	1.197266357
PNRC1	-0.95668649	-1.286170532	-0.506091722	-0.493117717	-1.116627279	0.977192166	0.047054157	-0.71089841	0.394597437	1.483165373	0.575276855	1.592306483
BCL6	-1.173145606	-1.712990575	-1.188252158	0.353806707	-0.542002289	0.807672702	-0.052942111	-0.125851045	0.217768661	1.354935004	0.730174082	1.330827527
PPP1R15B	-1.319873996	-1.094035532	-1.345174128	-0.03416801	-0.316098571	0.35766464	-0.165120509	-0.393111132	0.270479191	1.713982193	0.91178158	1.413674275
NUAK2	-1.520308832	-1.592347068	-0.927411926	0.400750874	-0.523208024	0.840284119	-0.354320089	-0.113325497	0.46228264	1.378801558	0.959002692	0.989799554
TNFAIP3	-1.448462878	-1.324443518	-1.16295733	-0.374293077	-0.673841325	0.618301599	-0.10540813	0.365493102	0.468320514	1.377487922	1.084999622	1.174803499
PDE4B	-0.871329107	-1.350871279	-1.735969767	0.02878379	-0.933507303	0.149415728	0.27545455	0.436856815	0.639088587	1.327983836	1.02904726	1.00504689
PMAP1	-1.386241777	-1.842695955	-1.024227259	0.500367747	-0.114998173	0.322133892	-0.293691308	-0.025312929	0.520668922	1.408987124	0.807764918	1.127244798
GBF2	-0.968196178	-1.150420578	-1.017109596	-1.04592969	-0.95048083	0.049370086	0.19698229	0.298218572	0.820117177	0.941972716	1.521224705	1.305135387
SELE	-1.06467124	-1.064648386	-1.064233639	-0.975119336	-1.064229099	0.024140074	0.128828001	0.650091802	0.779522843	1.112368465	1.34805444	1.1898377
CD70	-1.023966528	-1.024658758	-1.023075937	-0.873611768	-0.873611768	-0.252899347	0.135239468	0.638367121	0.638367121	1.524702038	1.261470848	1.261470848
RP11-58K22.4	-1.143333762	-0.992075126	-0.625824183	-0.735144045	-1.142330121	0.872167876	-0.132937165	-0.529007203	0.764187827	0.84680242	1.14572735	1.672766133
IRF1	-1.119083066	-1.369171862	-1.109431808	-0.932398653	-0.936218005	0.308315262	0.448195538	0.693382081	0.815690437	0.926275967	1.192363804	1.082980264
CCLD2	-1.31881675	-0.91654245	-1.153248297	-1.096903774	-0.866017507	0.238310967	0.486397487	0.390836301	0.729517946	0.988210497	1.163053054	1.345314564
CD83	-1.138074305	-1.101630898	-1.256646441	-0.856446464	-0.121257352	-0.101963963	0.786742545	0.67489624	0.819387593	1.146666225	1.051379932	0.988281257
CTD-236C16.2	-0.76814897	-1.605963805	-0.504392851	0.012898341	-1.28567068	0.489127643	-0.63003633	-0.63003633	0.688580924	0.898094498	1.651628428	1.651628428
TNFSF9	-1.11864011	-1.097233049	-1.295158304	-0.623597995	-0.909132873	-0.287715437	0.409641371	0.367719317	0.926009516	1.310654509	0.780785009	1.232719414
MAFF	-2.201929836	-0.531482508	-1.526635948	0.15537164	0.086963074	0.67903254	-0.095853942	0.112780004	0.459787586	1.169695891	0.710051198	0.967711936
CD74	-1.499608226	-1.330024084	-1.533256324	0.124396043	-0.317946686	0.765505817	-0.249155252	0.392923145	0.577011313	0.937785631	0.739221562	1.403404359
C8orf4	-1.247986942	-1.614128555	-0.974216952	0.025894051	-0.820948758	0.956321177	-0.143303719	0.009630543	0.717109106	0.962465543	0.524926324	1.59523818
CSF3	-1.30131128	-1.172789768	-1.2109888	-0.69013915	-0.797120263	0.959687796	0.117070369	0.311174354	0.582919588	1.047368854	0.545787029	1.60834927
IL23A	-0.896238289	-1.063311293	-0.859804363	-0.751487423	-0.972504467	0.796516517	-0.100365368	-0.249897749	0.56100677	1.219395381	0.257172923	2.095172923
C11orf96	-1.441538082	-1.194058698	-1.21104935	0.035033623	-0.194400113	1.285752709	-0.08449001	-0.505183352	0.156713457	0.841580441	0.576804189	1.734794166
LINC011	-1.292944144	-1.321665077	-1.176525817	0.337506209	0.298406693	-0.341606911	-0.776576557	-0.060820238	0.78211938	0.677770322	1.622740003	1.622740003
FTSP3	-0.916213915	-0.916796687	-0.915258434	-0.374655366	-0.915211283	1.152186887	-0.6130492	-0.01454921	0.131346001	0.368564253	0.559104466	2.085228099
STK40	-1.672684622	-1.385468881	-1.194984958	0.113787824	-0.414974159	0.389679333	0.325517789	0.293971335	0.102838551	1.209007523	1.008082136	0.68283196
DNAJB4	-1.613938703	-1.259995139	-0.942891339	0.269166952	0.210576842	0.145824209	-0.280846609	-0.38467732	0.020857236	1.781157023	1.394585969	0.660178879
NFKBIA	-1.442817166	-1.392773894	-1.026023491	-0.175826953	-0.169162676	0.403873313	-0.344967665	0.058017179	0.143857056	1.597401678	1.458882048	0.819911171
BAMBI	-1.436863667	-1.083913968	-1.121510993	-0.011589151	-0.132325161	-0.528245051	-0.259908324	0.426771231	0.317956885	1.698128023	1.657362897	0.474137125
RP11-356I2.4	-1.266433422	-1.266433422	-1.283209278	-0.704400016	-0.36939267	0.412569511	0.146672285	0.152805989	0.362467213	1.484273182	1.451659796	0.898517052
MIR155HG	-1.256219476	-0.881130553	-1.126596127	-0.94035376	-0.720860921	-0.046273961	-0.038829943	0.735746472	0.439885285	1.196531478	1.720579589	0.917521286
GBP5	-0.236445557	-1.506990529	-1.299318529	-0.190363542	-0.889173469	-0.530682003	0.520528696	0.138108058	0.396218503	1.3175140832	1.671540832	0.938997801
RP11-317P15.4	-0.866019676	-1.252730287	-0.699861515	-0.701926874	-0.286661758	-0.70160934	0.228441462	-0.417061705	0.230850892	1.150960688	1.764924577	1.550692757
AC116366.5	-1.096973034	-0.891713606	-1.094166778	-0.703935779	-0.308427186	0.121451313	-0.535663028	-0.245149491	0.471488173	1.282899289	1.991600016	1.00858978
AP000223.42	-1.303367037	-1.117370031	-0.826590831	-0.870367295	-0.515181262	0.449609934	-0.516704848	0.252148888	0.880304486	0.461034593	1.577679398	1.528804418
RP11-981P6.1	-1.166420105	-1.076684501	-0.865512862	-0.876439313	-0.284450161	0.910669671	-0.799357207	0.08734973	0.697143665	0.404264548	1.458887502	1.628232228
USP4	-1.06417136	-1.010756107	-1.170020289	-0.907075783	-0.371522752	0.64038103	-0.506112791	0.235325214	0.704653979	0.243993914	1.827863283	1.377477747
CD40	-0.580384263	-1.240053491	-0.842109224	-0.821092224	-0.89576702	-0.352805705	0.0041108	-0.27286098	0.867721562	1.767621562	1.555089939	1.555089939
RN75L751P	-1.28187406	-0.919954805	-0.916622144	-0.373216013	-0.370741597	0.276835388	-0.763093521	0.196996427	0.353499306	0.278188248	2.146178953	1.37380184
IL7	-0.470476256	-1.32567653	-1.213914207	-0.601875419	-0.601875419	0.123371557	-0.289998081	0.592933772	0.298732837	0.674528437	2.298732837	0.674528437
RP6-99M13.3	-1.994486062	-1.152161124	-1.100068192	0.337365711	0.676866066	0.783351843	-0.385371767	-0.122431287	0.185860991	0.358325245	1.382035247	1.030686165
CCD4A	-1.117269759	-1.076522953	-1.116356335	-0.755915073	-1.162426176	1.142416376	-0.86537034	0.307391751	0.193254801	-0.06232113	1.392542891	1.794320177
MIR222HG	-1.789787681	-1.197450536	-0.987548118	0.300138766	0.338230351	0.99401122	-0.733224419	-0.31327662	0.508257476	0.393504961	1.081954476	1.405440875
OR1L-AS1	-1.289925593	-0.700084566	-0.821619716	-1.068104896	-0.821500524	0.220577646	0.018247214	-0.040314189	0.291138074	0.861318213	1.719191455	1.60107668
E1F1B	-1.180499502	-1.007302577	-1.366921261	-0.779952715	-0.73817696	0.170578222	0.248939653	0.550251776	0.317485927	0.823856209	1.553872961	1.407940266
AKAP2	-1.739915408	-0.669847617	-1.265133405	-0.443599979	0.292981841	0.732086535	-0.189981803	0.093854511	0.902931575	1.441191244	0.902931575	1.37140107
RP11-248I18.2	-1.122712764	-1.379943968	-0.890592208	-0.688935104	-0.432002176	1.053275532	-0.606185259	-0.128377874	-0.219210019	0.638366881	1.762643819	1.150586787
GORAB	-1.565510475	-1.364814232										