

Appendix Table 2. Ethanol responsive genes in B6 and D2 NAC, PFC, and VTA.

Probeset ID	Genbank	Gene Symbol	NAC			PFC			VTA		
			B6 EtOH	D2 EtOH	B6 / D2 Basal	B6 EtOH	D2 EtOH	B6 / D2 Basal	B6 EtOH	D2 EtOH	B6 / D2 Basal
Cluster 1											
100040_at	AI843081	Mrpl17	-0.11	-0.59	-0.89	0.88	0.10	-1.01	-2.60	0.47	0.97
98433_at	U75506	Bid	-0.16	-0.45	-0.34	0.72	-0.31	-1.31	-1.73	1.46	1.38
160253_at	AW125390	Ifitm3	0.38	0.05	-0.22	-1.77	0.80	1.48	-0.97	1.04	1.40
97017_f_at	AW214439	---	0.47	-0.19	-0.75	-0.39	0.22	0.46	-1.86	1.75	0.89
94336_at	AI838318	Otub1	-0.18	-0.45	-0.13	-0.25	0.13	0.03	-1.23	1.56	0.60
101063_at	M29793	Tncc	0.55	1.09	-0.34	0.36	-1.30	-0.73	-1.69	0.86	0.93
101204_at	T25645	---	1.62	-0.20	-0.81	-1.40	0.28	1.37	-2.48	0.18	1.34
160367_at	AW125223	Pdlim7	0.70	0.28	0.24	-1.00	0.97	1.40	-1.21	0.92	1.39
95514_at	AI846302	2610510H01Rik	-0.14	1.28	-0.12	0.18	0.28	-0.31	-1.23	1.17	1.17
103691_at	AI592541	Trim13	0.21	-0.10	0.31	-0.44	0.17	0.43	-0.42	1.88	1.37
96047_at	U63146	Rbp4	0.07	0.42	-1.52	-0.56	0.37	-0.54	-1.79	0.77	1.04
96056_at	X80638	Rhoc	0.20	0.33	0.06	-0.72	0.76	0.40	-0.78	1.44	1.34
93143_at	AI844196	1190005I06Rik	0.43	0.34	0.09	1.06	1.08	-0.86	-0.84	1.19	1.30
94200_at	Z48800	Gbx2	-0.48	-1.31	-0.89	0.02	0.66	0.12	-1.41	0.54	1.30
92566_at	AB007143	Dapk3	0.48	0.15	0.03	-0.44	0.48	0.34	-2.10	0.31	0.07
160938_at	U02313	Mast2	0.41	1.33	0.10	-0.68	0.42	0.60	-2.08	-0.15	0.73
100439_i_at	U76758	Ank1	0.30	-1.23	-0.33	-0.57	-0.16	0.02	-1.00	2.47	1.62
99899_at	AJ222714	Ccr6	0.62	-0.63	-1.26	-0.40	0.49	0.47	-1.78	-0.30	0.81
160674_at	AI596094	Trfr2	0.53	0.06	0.12	-0.18	0.25	-0.30	-1.37	1.12	0.84
161159_r_at	AV214633	Pou5f1	0.11	-0.56	-0.03	-0.03	-0.17	0.31	-1.49	0.98	0.65
Cluster 2											
92220_s_at	U60884	Bin1	0.39	0.29	0.13	-0.11	2.45	0.76	0.17	-0.36	-0.28
103460_at	AI849939	Ddit4	1.37	-0.18	0.30	0.99	1.82	0.62	1.02	-0.03	0.22
96206_at	AI854506	D330037A14Rik	0.65	-0.26	0.37	-0.69	1.94	1.96	0.75	0.06	-0.18
92205_at	AF090738	Irs2	0.54	0.60	-0.24	-0.55	2.38	0.84	-0.64	0.16	0.38
96311_at	M11533	Mbp	-0.34	0.31	1.25	-0.45	3.05	1.98	-0.26	1.53	1.65
96596_at	U52073	Ndrp1	0.78	0.68	0.74	0.34	4.65	0.84	0.29	0.34	1.03
96784_at	AW123269	Anln	-1.15	0.53	0.74	0.07	3.16	0.32	0.37	0.00	0.30
102323_at	AJ002272	Hap1	1.14	1.36	-1.13	-0.19	3.09	-0.31	0.18	-0.01	-0.37
160376_at	AW125508	1110029F20Rik	0.70	-0.13	-0.04	-0.59	1.92	2.51	0.88	-0.17	0.27
103987_at	L20942	Mog	-0.19	0.52	1.12	-0.42	2.24	1.32	-0.15	0.07	0.93
160464_s_at	U60593	Ndrp1	0.87	0.84	0.29	0.19	2.94	1.47	0.29	0.57	0.97
92802_s_at	M16472	Plp	-0.36	0.33	0.75	0.55	6.80	1.38	2.27	0.29	0.68
93615_at	AF020200	Pbx3	0.34	-0.81	-0.24	0.22	4.44	0.23	0.58	-0.24	-0.28
93900_at	AW050268	Bat2	0.03	-0.06	-0.39	-1.07	1.50	0.54	0.76	-0.42	-0.88

94256_at	AI849533	Clic4	-0.05	-0.05	1.12	-0.95	1.77	2.20	0.03	-0.06	1.47
94254_at	AI845237	Clic4	0.69	-0.79	0.87	-0.14	2.37	2.05	-0.52	0.15	0.11
103990_at	X14897	Fosb	0.93	0.56	-0.50	-0.29	2.37	1.81	0.36	-0.68	-0.95
92801_at	M37335	Plp	0.13	0.20	0.45	-0.93	4.48	2.11	1.31	0.08	0.13
104121_at	M90365	Jup	1.31	0.19	-0.15	-0.58	2.04	1.34	0.52	-0.09	0.01
96948_at	AI845337	Qdpr	-0.18	0.11	0.63	-0.58	3.34	3.17	0.15	0.00	0.94
103692_at	AW121468	Efnb3	1.31	-1.23	0.14	-1.04	4.83	1.80	0.17	-0.02	0.25
100536_at	AI839662	Mobp	-0.19	0.96	2.00	-0.83	9.40	5.81	0.12	0.18	1.45
101405_at	M25773	Smarcd1	1.07	-0.27	-0.79	-1.78	2.92	3.20	1.03	0.15	-0.42
98025_at	M34896	Evi2a	-1.19	-0.24	0.47	-1.13	1.12	0.31	0.45	0.09	0.46
99046_at	AI834776	Mobp	-0.45	0.74	2.92	-0.28	2.94	1.96	0.43	0.50	1.38
99584_at	D14883	Kai1	0.38	0.44	-0.38	-0.26	2.31	0.32	-0.16	0.30	-0.22
99047_at	U81317	Mobp	0.01	0.61	1.71	-0.19	2.63	1.65	0.27	1.99	1.60
100728_at	AJ131869	Mpdz	0.28	0.56	0.68	-1.47	1.64	2.14	-0.21	-0.64	-0.28
99089_at	Y07812	Mal	0.78	0.29	1.60	-0.44	3.23	3.55	0.51	-0.06	0.17
99048_g_at	U81317	Mobp	-0.12	0.56	1.73	0.27	3.56	2.14	0.38	0.23	2.10
Cluster 3											
160758_at	AW124855	2610007A16Rik	-1.02	-1.48	-0.38	-0.31	-1.57	-0.12	-0.27	-0.85	-0.16
98477_s_at	L40632	Ank3	-1.08	-2.47	-0.90	0.64	-1.30	-2.14	0.09	-0.06	-0.48
160841_at	AW047343	Dbp	-0.47	-3.14	-1.21	0.39	-1.23	-1.57	-0.53	-0.34	0.20
160899_at	X17320	Pcp4	-0.83	-3.54	-0.26	0.36	0.84	-0.74	0.48	-0.44	1.32
95432_f_at	AI844034	D16Wsu109e	-1.80	-1.77	-0.38	0.15	-0.45	-0.59	0.03	-0.40	-0.14
93382_at	AF023343	Pde1b	0.11	-4.94	-2.31	-1.42	0.46	0.58	-1.13	-1.13	-0.08
101029_f_at	M15501	Actc1	-1.12	-1.13	0.28	0.48	0.07	0.84	-0.31	0.07	0.51
94517_r_at	M55181	Penk1	-0.40	-2.80	0.05	-0.12	1.45	0.00	0.61	0.01	-0.22
160614_at	U92437	Pten	-1.35	-2.48	-0.14	0.22	-0.12	1.45	0.03	0.53	0.88
99504_at	X80502	Siat8c	-0.64	-2.93	-0.67	0.30	0.05	0.54	-0.13	0.31	0.30
94111_r_at	D10627	D10627	-1.08	-1.08	0.49	0.86	-0.03	0.56	0.42	-0.14	-0.55
94194_s_at	AJ225122	Hcn2	0.31	-2.95	-0.92	-0.57	0.17	0.31	-0.27	0.36	0.33
94516_f_at	M55181	Penk1	-0.73	-3.16	-0.57	-1.16	1.12	0.48	1.07	-0.58	-1.91
160655_at	D85391	Cpd	-0.78	-2.42	-0.68	0.29	-0.41	0.25	0.04	-0.75	-0.43
92526_f_at	AW122114	Btbd14a	-0.62	-1.86	0.35	-0.27	0.62	0.17	0.47	0.18	0.64
99870_at	AA080253	Mark1	-1.10	-1.18	0.38	0.77	-0.30	-0.48	-0.49	0.15	-0.16
98409_at	L00923	Myo1b	-0.92	-1.18	-0.25	0.25	-1.15	-1.17	0.09	0.02	0.12
98119_at	K02928	Rpl30	-0.71	-1.66	-1.06	0.52	-0.15	-1.04	0.97	-0.27	0.41
95681_f_at	AW049584	Ppp1r2	-0.76	-2.60	-0.93	0.06	-0.06	-0.66	-0.90	0.31	0.74
102240_at	AF049330	Ppargc1a	-0.85	-2.70	0.01	-0.19	-0.60	1.46	-0.09	0.14	-0.05
161436_s_at	AV345565	Adarb1	-0.89	-2.07	-0.56	-0.03	-1.39	-0.95	0.81	-0.15	0.65
100122_at	L34290	Gnb5	-2.55	-1.49	-0.49	-0.26	-0.15	0.05	-0.16	-0.18	0.22

101869_s_at	J00413	Hbb-b1	-0.22	-4.59	-0.60	1.14	-1.09	-1.24	0.07	-0.30	0.10
97551_at	AI846182	Hip1r	0.88	-2.48	-2.08	-0.01	0.20	-0.07	-0.63	0.55	0.51
161361_s_at	AV213431	Tnnt1	-0.13	-5.99	-1.79	-0.35	0.06	-0.57	-0.36	-0.20	1.34
102000_f_at	AI842835	Uqcrc2	-1.38	-2.85	-0.53	0.09	-1.39	-0.26	0.04	-0.14	-0.19
162457_f_at	AV003378	Hba-a1	0.53	-4.04	-1.51	0.34	-1.00	-0.49	0.14	-0.22	-0.24
102726_at	D17584	Tac1	-1.30	-2.75	-0.84	0.12	0.16	-0.41	-0.29	0.76	0.26
96519_at	AI450876	Pdxk	-0.71	-1.61	0.10	-0.16	0.02	-0.10	0.08	0.38	-0.01
101383_at	AJ131711	Tnnt1	-1.17	-1.18	-0.33	0.34	0.94	-0.13	-0.25	-0.45	0.14
96140_at	AF039021	Pcm1	-0.91	-1.22	0.58	-0.16	-0.71	1.79	0.03	-0.03	0.36
98101_at	AI851798	Gtf2a2	-1.24	-1.56	-0.38	0.34	-0.64	-1.01	0.20	-0.39	0.16
Cluster 4											
100283_at	AW125812	Sox10	0.51	0.68	0.13	-1.16	1.18	0.99	-0.60	0.19	0.19
92879_at	U42383	Ppm1g	0.94	0.17	-0.51	-0.96	0.10	0.75	0.67	-1.69	-0.77
160189_at	AI843747	Nudt4	0.31	0.39	0.56	-0.19	-1.93	1.59	1.69	-0.25	-0.54
103543_at	AW208098	AI843918	2.15	1.48	0.86	-0.62	0.37	1.09	0.64	-1.08	-0.44
98086_r_at	U11248	Rpo1-1 /// Rps28	0.15	0.50	0.82	-2.59	0.74	1.75	-1.79	-0.83	0.13
101929_at	AI836322	6720463E02Rik	0.40	-0.65	-0.55	-0.52	-1.13	1.74	1.59	0.62	1.03
102715_at	X74134	Nr2f1	0.40	1.69	0.48	-1.82	-1.95	0.03	-0.12	-0.84	0.37
93308_s_at	M97957	Pcx	-0.11	0.05	1.32	-1.80	0.67	1.55	-0.37	0.57	0.56
Cluster 5											
92642_at	AV230631	Car2	-0.78	-0.54	-2.66	-0.78	2.30	-2.30	0.11	0.20	-1.37
161156_r_at	AW123632	Col1a2	0.28	-1.26	-0.59	-0.08	0.15	0.38	1.76	-1.10	-1.83
160279_at	AA407120	4930588M11Rik	-0.01	-0.01	-0.63	-0.08	-0.10	-0.90	1.40	-0.92	-1.00
100321_f_at	AV055186	2210418O10Rik	-0.88	-0.86	-0.10	0.11	-0.04	-0.24	0.68	-0.11	-0.67
161480_i_at	U96635	---	-0.17	0.17	-0.80	0.32	-0.32	-1.11	1.48	-1.85	-2.26
93101_s_at	AF026124	Neddd4	-0.07	0.34	-0.27	0.18	-0.39	-0.90	1.68	-0.98	-0.22
100607_at	D87990	Pld3	0.21	0.90	-0.79	0.81	0.05	-1.16	1.08	-1.58	-1.16
100091_at	AV372996	Ugalt2	-0.25	0.33	-1.07	0.29	0.54	-0.77	1.90	-0.40	-1.08
161978_r_at	AV266650	Cpt2	-0.23	-0.47	-0.19	0.32	-0.52	0.02	1.95	-0.73	-0.42
162394_r_at	AI854103	Jak3	0.33	-0.52	-1.03	1.10	0.27	-0.29	1.88	-1.28	-1.80
160188_at	AI851198	Nudt4	0.08	0.42	0.00	-0.10	-1.73	0.29	1.23	-0.76	-0.60
104766_at	AF022465	Nola1	-0.10	0.14	-1.27	0.35	-0.19	-1.71	1.40	-0.87	-0.77
98038_at	AW060179	Hmgb3	-0.87	-1.67	-0.51	1.16	-0.26	-0.99	1.20	-0.52	-0.54
99087_at	D00073	D10ErtD749e	-0.44	0.05	-0.77	0.27	0.24	-1.25	1.98	-0.60	-1.20
95350_at	AW123115	Ttr	-0.07	-0.24	-0.43	2.89	0.80	-0.65	0.13	-0.68	-1.11
94545_at	M36777	Rtn1	0.09	-0.35	-0.39	-0.23	0.24	0.44	1.37	-1.92	-1.40
103843_at	AA259683	Gnao	0.24	-1.12	-0.91	0.06	0.17	0.00	1.28	-1.34	-0.56
95360_at	AI851441	Zcchc6	-0.33	-0.16	0.41	-0.26	0.19	0.45	1.63	-1.47	-1.89
97459_at	AV266216	PsmA4	0.07	-1.13	-0.40	0.18	-0.45	-0.04	1.04	-1.61	-0.87

162392_r_at	AI451701	Tg737Rpw	0.35	-1.19	-0.32	-0.65	0.67	1.78	2.05	-0.96	-1.79
101678_r_at	X04120	---	0.06	-0.25	-0.02	-0.25	-1.42	-0.13	2.38	-0.09	-1.87
93909_f_at	U78299	---	0.11	0.56	-0.25	0.48	2.66	-0.75	2.06	-0.12	-2.19
100741_at	AU045946	Fpr1	0.49	0.07	0.16	0.31	0.03	0.61	1.64	-0.89	-1.82
100769_at	Y14334	---	-0.33	-1.01	0.32	-0.04	-0.78	0.44	2.04	-0.63	-0.78
102216_at	X98475	Alox12b	-0.04	-0.32	-0.48	1.26	1.00	-0.70	0.02	-0.67	-0.59
101982_at	AI463490	Vasp	0.59	-1.20	-1.26	-0.93	0.28	-0.17	1.22	0.10	-0.80
104708_at	AV230631	Tbl1x	0.43	0.18	0.44	-0.35	0.80	1.24	2.02	-0.52	-1.52
Cluster 6											
95713_at	D67067	Clptm1	1.74	-1.56	-2.00	-0.54	0.49	0.83	0.78	-0.03	-0.18
96310_at	L07508	Mbp	1.30	1.07	-0.22	-0.73	1.83	1.20	-0.05	-0.09	-0.51
96102_i_at	X92411	Rad23b	1.60	-1.05	-1.88	-1.57	-0.12	0.60	0.70	-1.08	-0.66
92358_at	U59230	Nell2	5.17	0.00	-0.56	-0.61	0.29	1.15	0.17	-0.31	-0.05
96837_at	AI837492	ORF61	2.28	-0.50	-1.64	-0.23	0.36	0.00	0.59	0.60	-0.94
97683_at	U02567	Tnfrsf9	1.57	-0.14	-0.09	-1.66	0.42	1.14	-1.35	0.75	-0.08
92757_at	D29763	Sez6	0.23	-0.96	-1.37	-0.74	1.53	-0.39	-0.27	-0.50	0.40
99701_f_at	AJ005560	Spr2b	0.46	-0.35	-0.24	-1.48	1.11	0.68	-0.58	0.36	0.36
92838_at	L33726	Fscn1	1.65	-0.06	-0.57	-0.81	2.24	1.86	0.02	0.12	0.06
99372_at	AF108020	Edg5	1.48	-0.53	-0.83	-1.69	0.54	1.45	0.23	0.38	-0.23
93719_at	AA050273	Ccr1	0.44	-0.02	-0.19	-1.58	1.16	0.95	-0.27	0.15	0.08
92967_r_at	AI326288	Chrne	0.72	-0.04	-0.18	-2.04	0.38	1.29	-0.22	1.00	-0.20
94143_at	X02801	Gfap	1.62	-0.80	-0.76	-0.31	1.93	1.41	0.23	0.07	0.36
94449_at	AI854522	Pcdhgc3	2.13	0.06	-0.63	-2.20	1.13	2.40	0.02	-0.23	0.01
95401_at	AW050156	BC038286	3.48	-0.07	-3.08	-1.33	0.21	0.38	-0.55	0.62	0.52
99596_f_at	M13963	Gnai2	1.50	-0.60	-1.50	-1.16	0.51	0.31	0.24	-0.84	-0.31
94619_at	D10171	Grid1	2.85	0.26	-0.24	-0.23	0.67	1.21	0.32	0.12	-0.38
93590_at	AI844370	Ndst1	2.00	1.05	-0.86	-0.61	1.28	0.09	-0.31	0.38	0.87
98875_at	AW121160	D2ErtD391e	1.90	0.25	0.09	-1.36	1.25	1.85	0.11	0.06	0.07
94144_g_at	X02801	Gfap	2.27	-1.05	-0.79	-1.08	1.54	1.91	-1.92	0.09	0.49
99911_at	AF036585	Sema6b	2.65	-0.79	-0.99	-0.13	0.96	1.05	-0.29	0.48	0.15
162332_f_at	AV091649	Mapre3	1.69	0.46	-0.64	-1.90	1.16	2.39	-0.23	-0.48	0.52
162329_r_at	AV087239	Sipi	2.09	-0.11	-0.64	-1.38	0.62	0.97	0.15	-0.29	-0.27
103388_at	AW047050	P42pop	0.76	-0.97	-0.59	-1.19	0.11	1.48	1.26	0.43	-1.32
102147_at	M61705	Akp3	0.32	-0.57	-0.28	-1.86	1.01	1.76	-0.51	-0.31	-0.25
102691_at	AI848518	Zfp385	2.13	-0.68	-1.13	-0.94	1.09	1.60	0.48	1.95	-0.23
160378_at	AI853127	1110006I15Rik	1.40	0.21	0.06	-1.16	1.24	2.24	-0.69	0.12	0.49
102856_at	AF047389	Sox10	2.76	-0.54	-0.54	-1.50	1.96	2.01	0.10	1.02	-0.25
103523_at	AI851703	Leng8	1.98	0.13	-0.06	-2.28	0.81	1.75	-1.25	0.06	-0.07
160716_at	AI838550	5430419M09Rik	1.86	-0.07	-0.76	-1.42	0.92	0.42	-0.06	-0.02	-0.13

103931_at	AC002397	Ms10h	2.09	-0.16	-2.03	-0.12	0.29	-0.26	0.30	-0.59	-0.02
104099_at	AF076482	Pglyrp1	2.60	0.37	0.04	-0.54	1.58	1.95	0.03	-0.08	-0.14
104375_at	AI844853	Spock2	4.54	-0.14	-0.59	-0.41	1.29	2.31	-0.09	0.08	0.43
104524_at	AI842825	Gltp	1.06	-0.60	-0.34	-1.85	0.82	1.77	0.44	0.60	0.76
101763_at	AF065145	Gpr50	0.55	-0.17	-0.60	-1.29	1.61	1.40	-0.36	-0.40	0.02
160516_at	U49351	Gaa	3.00	0.23	-4.58	-0.41	0.98	1.05	1.01	-0.14	-0.55
101448_at	D50050	Hgs	2.41	-0.70	-2.25	-0.71	0.46	0.08	0.36	0.48	-0.37
100510_at	AI839708	Sncb	2.89	-0.01	-0.55	-0.41	0.66	0.95	0.15	0.27	-0.14
161995_r_at	AV328137	---	0.65	-0.89	-0.83	-0.82	1.40	0.58	-0.01	-0.03	-0.35
101425_at	U35456	Gss	1.23	-0.02	-0.25	-1.74	1.08	1.68	-0.57	-0.01	0.44
101034_at	U07617	Grb2	2.82	0.05	-0.45	-1.78	2.06	2.10	-0.58	-0.68	-0.32
161284_r_at	AV299386	Txnrd3	3.27	0.00	-0.37	-0.93	0.93	0.98	-0.47	0.14	0.13
Cluster 7											
101568_at	AW227620	1700024N20Rik	0.06	2.21	0.73	0.19	0.47	0.42	0.53	-0.01	-0.23
99563_at	AW124681	Spin	-0.89	1.55	0.23	-0.44	-0.17	-0.57	-0.60	-0.57	-0.17
103548_at	D14423	Tac2	0.18	5.86	-0.08	-0.55	-0.93	-1.16	-0.24	-0.25	-0.18
95021_at	AW124028	9430010O03Rik	-0.80	4.87	1.33	0.23	-0.25	-1.88	0.22	-0.18	-0.33
104119_at	AI845028	AW060714	-0.57	2.09	0.69	0.47	-0.03	-1.12	0.27	0.27	0.07
99602_at	AF064088	Tieg1	0.47	2.71	1.00	0.28	0.75	-0.12	0.30	-0.31	-0.27
104374_at	M64086	Serpina3n	0.26	2.93	-0.64	0.27	1.75	-2.19	0.34	-0.81	-1.11
99623_s_at	D78265	Olfm1	0.91	3.00	2.01	-0.57	-0.89	-1.35	0.57	-0.28	-0.22
94228_at	AW123788	Xpo1	-0.58	2.15	1.58	0.06	0.22	-0.33	-0.37	0.33	0.44
96055_at	X59520	Cck	1.06	2.12	2.11	0.31	-0.16	0.00	0.06	-0.04	0.42
99440_at	Y07686	Nfib	0.80	2.07	1.07	0.06	0.51	-0.30	0.79	-0.29	-0.44
96183_at	AW122985	Foxp1	-0.46	2.87	-0.16	0.18	-0.33	-2.45	-0.50	-0.23	-0.07
93722_at	AJ005985	Ensa	-1.29	1.31	1.37	0.36	-0.29	-0.53	-0.36	-0.50	-0.23
97759_at	U09383	Kcnma1	-0.20	1.88	1.29	1.10	-1.61	-0.23	0.27	-1.37	-0.99
101308_at	M64228	Kcnb1	-0.97	1.84	0.29	-0.18	0.36	-0.84	-0.38	-0.92	0.00
102108_f_at	AI505453	Myh9	-1.18	1.23	0.91	0.14	0.03	-0.61	-0.57	0.22	0.60
96709_at	AI839839	1110008P14Rik	0.59	3.58	-1.38	-0.16	-0.33	0.01	0.77	0.15	0.03
98999_at	AA606587	Adsl	-0.49	1.95	0.29	-0.04	0.35	-0.29	-0.30	-0.22	0.49
97834_g_at	AI853802	Pfkp	-0.98	2.53	2.03	0.59	-0.20	-1.49	0.44	-0.52	-0.12
102700_at	U49251	Tbr1	-0.11	6.38	2.86	0.11	-0.71	-1.01	-0.50	-0.44	-0.18
102727_at	X55573	Bdnf	0.08	2.95	1.48	0.23	0.14	0.36	0.64	0.27	0.00
100772_g_at	AF068182	Blnk	0.34	1.20	0.09	1.61	0.94	-1.54	0.23	0.21	-0.43
104651_at	AI839611	Snx14	-1.27	1.29	0.25	0.37	-0.35	-1.44	-0.47	0.13	0.36
92580_at	U39473	Hars	-0.83	1.84	-0.47	-0.14	-0.16	-2.65	-0.41	-0.04	0.24
160708_at	AI840446	Schip1	0.14	3.70	1.45	1.10	0.32	0.19	0.97	-0.10	-1.10
92200_at	AB010149	Adcyap1	0.59	2.42	0.86	-0.39	-0.36	-0.32	0.27	0.52	0.20

93294_at	M70642	Ctgf	-0.09	3.80	1.28	0.41	3.00	-0.48	0.08	0.51	0.70
161329_f_at	AV107153	Capzb	0.40	2.22	0.69	-0.13	0.33	-0.40	-0.07	-1.17	-0.14
161021_at	U39738	Pak3	-0.12	2.95	-0.05	-0.71	-0.47	-1.78	-0.11	-0.45	-0.03
92202_g_at	AI553024	Zfp145	0.77	5.22	1.67	1.02	0.79	0.78	0.58	1.88	0.91
92361_at	D31953	Elavl4	-0.33	3.00	0.81	-0.50	-1.01	-1.05	0.05	0.25	0.25
92749_at	U14418	Gabrb1	1.01	1.16	0.09	0.36	-0.52	-0.65	0.04	-1.50	-0.08
93010_at	AJ250406	Pqbp1	-0.46	2.08	0.64	0.49	0.13	-0.61	-0.22	0.08	0.62
93058_at	AF026481	Eif1a	-0.98	1.83	0.45	-0.18	-0.80	-0.55	-0.39	-0.60	0.08
Cluster 8											
97110_at	AW121776	Chst2	-1.08	-1.07	0.83	0.28	-0.50	1.26	0.40	0.28	-0.33
97261_at	AF055664	Dnaja1	-1.35	0.76	1.03	0.44	-0.23	-0.15	-0.02	0.26	0.90
99594_at	AI844598	Mrpl51	-1.13	-0.29	0.83	1.22	-0.83	-0.28	1.33	0.50	0.64
160578_at	AW122388	Pdpk1	-2.14	-0.20	0.31	0.26	-0.58	-0.41	0.66	0.23	0.47
103873_i_at	AA684456	2310015N07Rik	-2.41	-0.94	0.97	-0.17	-0.34	-0.68	-0.16	-0.20	-0.66
103754_at	AI847826	Ube2d3	-2.11	-0.08	0.63	0.68	-0.72	-1.47	0.09	-0.01	0.07
93163_at	M62374	Gabrg2	-1.74	0.79	1.34	-0.09	-0.61	0.15	1.64	-1.19	-1.35
95491_at	AB015652	Park7	-1.22	0.45	0.92	0.99	-1.07	-0.71	1.69	-0.11	0.72
100550_f_at	AW060422	Cox6c	-2.39	-0.30	0.75	0.43	-0.33	-0.44	0.10	0.84	0.96
95785_s_at	Y13361	Rab7	-1.82	0.71	2.44	-0.01	-0.14	0.55	1.29	-0.58	0.82
96012_f_at	AI835367	Matr3	-1.90	-0.24	0.42	-0.08	-0.29	-0.40	0.13	0.41	0.59
93117_at	AF073993	Hnrpa2b1	-2.82	0.30	2.50	0.49	-0.08	-0.75	0.05	0.29	0.53
96564_at	X54401	Hspa8	-1.97	1.15	1.77	0.21	-0.34	-0.32	0.87	0.55	1.19
93082_at	AW124081	3110005P07Rik	-2.01	0.14	1.82	-0.06	-0.41	0.10	-0.59	0.11	1.43
96232_at	AI854281	Cul2	-1.72	0.19	0.16	0.00	-0.82	-0.60	-0.30	1.14	0.98
96187_at	AI837021	Pkp4	-0.81	1.73	1.96	-0.40	0.30	0.04	-0.61	0.45	0.86
96042_at	L35528	Sod2	-1.70	-0.72	0.50	0.53	-0.80	-0.39	1.58	1.06	0.18
99038_at	L24554	Adss2	-0.69	-0.04	0.54	-0.35	-1.46	-0.29	1.41	0.07	-0.56
160430_at	M90364	Catnb	-3.21	-0.13	1.42	0.29	-0.30	-0.40	0.43	-0.09	0.05
160286_at	AA733594	Dek	-2.41	0.27	1.75	0.56	-0.20	-0.44	1.29	-0.28	-0.23
102870_at	AW125272	5930418K15Rik	-1.26	-1.31	2.57	0.75	-0.56	0.55	0.00	-0.49	-0.19
95028_r_at	C77009	---	-1.59	0.61	1.89	-0.07	-0.75	-0.05	0.50	0.45	0.84
101955_at	AJ002387	Hspa5	-1.40	1.42	1.06	-0.23	0.08	0.10	-0.47	0.42	0.99
97485_at	AI850953	Pcyox1	-0.46	0.28	1.05	0.99	-1.36	-0.26	1.07	-0.62	-0.67
104415_at	AA833293	Foxp1	-1.81	-0.90	0.36	0.50	-0.85	-0.58	-0.02	-0.77	-0.43
101101_at	Z67746	Ppp2cb	-1.05	-0.38	3.66	-0.53	-0.52	3.95	1.86	-0.17	-0.01
94209_g_at	AW045202	Txndc7	-1.21	1.20	1.41	-0.31	0.44	0.34	0.44	0.33	0.07
98441_at	L23971	Fmr1	-1.48	1.01	1.36	-0.01	-0.60	-0.28	0.51	0.42	0.01
101086_f_at	X63866	Cnbp1	-2.58	-0.25	0.71	0.71	-0.41	-0.32	-0.09	0.13	0.80
100734_at	Y00225	Rpl3	-1.56	0.02	1.08	0.45	-0.05	-0.24	1.82	0.10	0.69

101060_at	M73329	Grp58	-2.23	0.04	0.72	-0.28	-0.64	0.10	-0.11	0.71	0.54
98881_at	AI853675	3110052N05Rik	-1.81	-0.90	2.89	-0.06	-0.23	0.51	0.11	0.45	0.98
92408_at	AI891514	C130065N10Rik	-2.43	-0.15	1.54	0.10	-0.48	-0.01	0.64	0.05	0.35
160966_at	AA145282	---	-2.29	1.17	2.14	-0.43	-0.39	-0.56	-0.29	-0.15	-0.41
98090_at	AW210014	Hrb2	-1.87	0.90	0.75	0.10	-0.84	-1.01	-0.32	-0.16	0.26
99339_r_at	AI839615	Kcnd2	-2.04	0.48	1.58	0.12	-0.55	-0.75	-0.18	0.34	0.56
99643_f_at	X61232	Cpe	-2.35	0.45	3.57	0.61	-0.15	0.11	0.23	0.25	1.32
160183_f_at	AI846109	3930401E15Rik	-3.29	-0.09	0.94	0.12	-0.22	-0.05	-0.27	0.13	0.53
101580_at	AI851220	Cox7b	-2.42	-0.13	0.46	1.02	-0.53	-0.69	0.82	0.53	0.66
94796_at	AA710643	Psm11	-2.08	-0.28	1.05	-0.79	-1.19	-0.30	-0.34	0.62	0.38
160103_at	AW212859	Axot	-2.17	0.13	1.34	-0.04	-0.51	-0.42	-0.15	-0.36	0.25
160775_at	AI848591	Tulp4	-1.06	0.69	0.92	0.34	-0.11	-0.33	1.59	-0.40	-0.17
92995_at	D21165	Vsn1	-1.43	2.58	3.61	0.45	-1.57	1.80	1.35	0.38	1.02
94489_at	U84411	Ptp4a1	-0.57	1.78	1.76	-0.21	-0.22	-0.10	0.96	-0.18	1.45
93493_at	X65627	Ddx5	-2.07	0.21	1.36	0.00	-0.28	-0.47	-0.18	-0.02	0.24
Cluster 9											
98927_at	AI851048	Rab6	-0.19	1.85	-0.98	0.62	-1.21	-2.50	0.13	-1.44	-0.82
97808_at	AI844532	Sf3b1	-1.96	-1.07	-0.26	0.19	-1.66	-0.53	-0.15	0.13	0.71
96791_at	AW047875	1500005K14Rik	-0.17	-0.02	0.64	0.25	-1.54	-0.99	0.04	1.71	0.28
98594_at	AW125453	1190002N15Rik	0.63	0.55	-0.86	-0.53	-2.75	-0.98	0.47	-0.01	-0.30
100633_at	AW124268	2810484M10Rik	0.70	0.35	-0.82	-0.16	-2.17	-1.86	0.15	0.32	0.25
104661_at	AF031164	---	-1.00	0.44	0.35	0.63	-1.84	-0.79	0.19	0.17	-0.24
99039_g_at	L24554	Adss2	-0.11	0.76	0.41	-0.42	-1.79	-0.13	0.90	0.37	-0.08
94207_at	AI842377	Txndc7	-1.58	0.85	0.25	-0.06	-0.25	-1.14	-0.54	-0.24	0.27
100496_at	U79523	Pam	-1.52	2.41	-4.18	0.17	-0.86	-5.14	-0.22	-0.05	0.09
99830_at	AI853573	---	-1.55	1.96	3.15	0.04	-3.34	-1.99	-0.19	-0.45	0.09
104297_at	AW124742	lpo11	0.10	0.02	-0.55	-0.01	-1.72	-1.75	0.59	0.68	-0.03
104255_at	AA795285	FHOS2	0.29	0.89	0.53	-0.23	-2.20	-0.61	-0.34	0.47	0.15
94214_at	X14961	Fabp3	-1.11	0.25	0.14	0.32	-2.56	-1.68	-0.17	0.22	0.19
104672_at	U68058	Frzb	-0.11	0.67	0.63	0.00	-3.02	-3.65	-1.12	-0.15	0.53
102786_at	AI849432	Clcn3	-2.22	-1.06	0.56	0.69	-1.89	-1.41	0.34	0.28	0.06
104590_at	L13171	Mef2c	-0.96	0.52	-0.48	0.53	-3.95	-2.93	-0.35	-0.89	-0.34
104578_f_at	AI195392	Actn1	-1.10	-1.42	-0.61	-0.05	-1.38	-1.63	0.17	-0.84	-0.75
103208_at	Y07521	Kcnc1	0.00	-0.25	-0.51	1.66	-0.66	-1.02	-0.68	-0.05	0.14
104592_i_at	AI595996	Mef2c	-0.54	0.73	-0.39	0.70	-2.83	-2.49	-0.80	-0.43	0.10
104591_g_at	L13171	Mef2c	-0.86	0.59	-0.13	1.17	-4.08	-3.11	0.41	-0.45	-0.28
Cluster 10											
100130_at	X12761	Jun	1.43	1.23	0.21	0.12	1.47	0.51	-0.35	-0.29	-0.01
98394_at	U51000	Dlx1	2.43	1.39	1.11	0.52	3.28	-1.09	-1.33	0.39	0.38

100771_at	AF068182	Blnk	0.12	0.90	-0.01	1.60	1.46	-0.42	-0.64	-0.24	-0.23
94297_at	U16959	Fkbp5	1.42	0.86	-0.39	0.89	2.59	0.50	0.89	-0.22	0.20
100435_at	U13370	Edg2	0.70	0.34	-0.20	-0.65	2.52	0.64	-0.20	-0.40	0.57
98579_at	M28845	Egr1	0.66	3.70	0.54	-0.31	3.51	2.32	-0.38	0.17	0.80
93573_at	V00835	Mt1	2.39	1.20	-1.09	2.02	4.01	0.20	0.37	1.02	0.54
101561_at	K02236	Mt2	0.92	0.48	-0.22	2.04	2.49	-0.98	1.90	1.88	0.69
100690_at	M69200	Th	2.26	0.04	0.19	-1.01	3.23	0.63	-0.58	0.48	0.21
161616_f_at	AV354117	2410012A13Rik	-0.90	-0.18	-0.09	0.36	1.61	-0.13	-0.20	-1.20	-0.09
102292_at	U00937	Gadd45a	-0.08	0.35	0.33	1.01	1.86	0.85	-0.17	0.86	0.79
96884_at	AI847631	Carhsp1	0.87	-0.06	0.09	1.36	1.94	0.53	-0.10	0.62	0.09
103861_s_at	AA388099	D7Wsu128e	-0.26	0.17	-0.86	0.98	1.94	-0.92	-0.16	0.12	0.23
93134_at	U62021	Nptx1	1.25	2.84	1.43	0.25	2.97	1.13	-0.50	0.34	0.30
95493_at	X66405	Col6a1	1.10	0.32	0.07	-1.43	2.76	0.57	-0.26	0.02	-0.09
104070_at	AW047728	Pcaf	0.01	-0.14	-0.22	0.95	1.65	-0.47	0.22	0.48	0.40
95036_at	X73985	Calb2	1.41	2.28	2.06	0.16	7.16	0.04	-0.19	0.26	0.11
95016_at	D50086	Nrp	0.42	1.75	0.35	-0.82	2.55	0.87	-0.29	-0.09	-0.16
95301_at	AF087469	S100a5	0.39	-0.34	0.38	-0.75	2.67	0.62	-0.49	-0.12	0.42
97520_s_at	X83569	Nnat	0.65	0.34	0.11	0.02	5.12	-1.25	0.23	-0.05	-0.51
97890_at	AW046181	Sgk	1.76	0.09	0.17	1.24	1.19	-0.25	1.08	0.18	0.13
94359_at	AI849556	AA960558	0.47	1.00	0.59	-0.17	0.87	-0.40	1.43	0.11	-0.08
Cluster 11											
100933_at	D45208	Stx1a	2.52	2.84	1.43	0.25	0.11	0.35	0.23	-0.16	-0.01
92391_at	U16297	Cyb561	0.57	1.21	0.42	0.27	0.41	0.09	0.31	0.35	0.18
99508_at	AI844246	Fxyd7	0.69	2.31	0.51	0.10	0.37	-0.16	-0.29	0.08	0.30
96747_at	AW121294	Rhou	2.47	1.34	0.57	0.34	0.80	0.04	0.31	0.11	0.47
99014_at	AI839886	Apbb1	0.92	1.81	0.62	0.31	0.31	0.11	0.42	-0.12	-0.03
93370_at	AW046243	Bk	1.27	1.59	1.18	0.23	0.07	-0.50	-0.11	-0.73	-0.58
162011_f_at	AV246963	Rhou	1.63	2.22	1.14	0.58	0.81	-0.29	-0.29	0.07	0.14
94944_at	AW125016	Prkar1b	2.56	1.85	-0.54	-0.29	0.03	0.53	-0.13	-0.04	0.33
94910_at	AW120739	Nde1	1.24	1.45	0.48	0.68	1.54	0.28	0.12	0.18	0.09
104383_at	AB006714	Crmp1	1.79	1.31	-0.13	-0.58	-0.09	-0.04	0.01	-0.08	-0.10
103447_at	AI835989	D15Wsu169e	0.47	2.09	0.38	0.23	0.55	-0.01	0.21	-0.02	-0.13
104412_at	AI153412	Gnai1	0.94	0.99	0.90	-0.49	-0.37	-0.26	-0.03	-0.13	0.55
104714_at	AW125299	D14Wsu89e	1.24	1.46	0.98	0.38	0.34	-0.31	-0.02	0.23	0.42
94066_at	AW123517	Rnf14	1.27	1.32	-0.63	-0.30	-0.04	-0.06	0.17	-0.09	0.54
93285_at	AI845584	Dusp6	1.08	4.18	2.39	1.07	1.65	1.67	0.79	0.63	0.75
93151_at	AB008893	Cpne6	1.40	1.24	-0.56	-0.51	0.49	-0.82	-0.19	-0.19	-0.18
92417_at	AF086714	Rasal1	1.10	1.93	0.82	0.11	0.53	0.82	0.25	-0.37	-0.32
160859_s_at	Y07685	Nfib	1.26	1.76	1.42	0.31	0.43	0.32	0.57	0.12	-0.11

98475_at	U69262	Matn2	1.07	1.28	0.51	0.50	0.88	0.20	0.34	0.20	-0.57
98351_g_at	AF008914	Sstr2	0.90	1.09	-0.19	-0.64	0.08	-0.16	-0.08	0.09	-0.28
101371_at	AF033201	Cpsf4	0.77	1.90	-0.50	0.01	0.89	-0.66	-0.49	-0.78	-0.23
160853_at	AI840922	Ptdss2	0.30	1.62	0.67	-0.09	0.56	0.36	-0.39	-0.26	0.71
96737_at	AI849705	D15Ertid781e	1.06	1.20	0.46	0.02	-0.12	0.29	0.19	-0.13	0.31
96920_at	AW125478	Prss11	1.05	1.98	2.09	1.16	0.65	0.15	1.20	0.83	1.01
102371_at	X16995	Nr4a1	1.65	1.60	0.51	0.73	0.94	0.40	-0.53	-0.15	0.08
93618_at	AF026489	Spnb3	2.20	1.76	-0.45	0.05	0.23	0.30	0.08	-0.59	-0.05
95669_g_at	AI840972	Stmn2	1.96	1.86	0.67	-0.34	0.32	-0.62	0.04	-0.08	-0.04

Mean S-scores (n=3) for genes of selected k-means clusters (Figure 4) are shown. Probesets assigned gene symbols according to the UCSC mouse genome browser (May, 2004 assembly). EtOH: ethanol-regulated genes; Basal: genes differentially expressed in B6 compared to D2 mice. NAC: nucleus accumbens. PFC: prefrontal cortex. VTA: ventral tegmental area. B6: C57BL/6 mice. D2: DBA2/J mice.