Table S6. Comparison of regulated gene list from Wada et al, Supporting Table 6 (20) with data for corresponding probes from the present study. To identify corresponding probes, gene names in the Wada table were searched against Unigene and Ensembl databases and matched to annotations for the 20K array (7) used in the present study. # probes: the number of independent probes associated with each gene target on each array. 20K ID: the internal identifier for the spot on the 20K array (7). ANOVA p (FDR) and columns to the right: the statistics from the primary microarray analysis described in the main text of the present report. Where multiple probes on the 20K array match to the same gene name, the values for the single probe with the lowest ANOVA p-value is given.

Probe name (Wada)	# probes (Wada)	# probes (20K)	20K ID	ANOVA p (FDR)	Novel: Silence ratio	p (FDR)	Habit: Silence ratio	p (FDR)	Habit: Novel ratio	p (FDR)
Arc	1	1	Arc	0.09	1.47	0.15	1.44	0.09	0.98	0.94
ARHGEF9	3	3	SB02031A1F02.f1	0.00	0.96	0.65	1.28	0.00	1.33	0.00
Atf4	14	1	SB02006A1F01.f1	0.00	0.95	0.42	0.75	0.00	0.79	0.00
Atp6v1b2	10	2	SB02014A1H09.f2	0.00	1.10	0.29	0.84	0.02	0.77	0.00
BDNF	1	1	SB02036A1C10.f1	0.33	1.23	0.34	1.04	0.85	0.85	0.33
beta actin	3	1	SB02028A1F09.f1	0.38	1.06	0.43	1.06	0.33	1.00	1.00
Cacybp	12	1	SB02025A2E12.f1	0.02	1.10	0.38	0.85	0.08	0.77	0.01
c-fos	4	2	SB03001B2H03.f1	0.00	2.56	0.00	1.89	0.00	0.74	0.04
c-jun	10	1	SB03033B1G05.f1	0.02	1.48	0.04	1.14	0.39	0.77	0.08
Ebag9	5	1	SB03027B2G08.f1	0.16	1.03	0.87	0.84	0.19	0.82	0.11
egr1	1	7	SB03008A1H11.f1	0.00	1.78	0.00	1.44	0.00	0.81	0.03
Gadd45 beta	1	4	SB03036A2A04.f1	0.01	1.04	0.58	0.87	0.02	0.84	0.00
H2AfX	10	0	–							
H3f3B	11	2	SB02025B2G12.f1	0.00	1.10	0.16	0.79	0.00	0.72	0.00
HnrpH3	6	1	SB02029B2B02.f1	0.02	1.03	0.71	0.89	0.05	0.86	0.02
Hsp25	13	1	SB03005B2B04.f1	0.45	1.04	0.51	1.05	0.36	1.01	0.94
Hsp40	3	1	SB03036B2C12.f1	0.05	1.23	0.19	0.92	0.58	0.75	0.03
Hsp70-8	20	2	SB03037B2H05.f1	0.06	1.17	0.18	1.21	0.04	1.04	0.71
Hsp90 alpha	32	1	SB02022A1B11.f1	0.58	0.99	0.97	0.91	0.47	0.92	0.49
Hspb1	2	0	–							
JSC	8	1	SB03044A2H07.f1	0.48	0.98	0.92	0.89	0.37	0.91	0.44
Madh2	1	1	SB03023A1F04.f1	0.39	0.93	0.39	0.95	0.42	1.02	0.84
Ndufa5	2	1	SB03013B1H11.f1	0.85	0.98	0.83	1.01	0.93	1.02	0.69
Penk	2	2	SB020001000D07	0.19	1.09	0.86	0.68	0.22	0.63	0.13
Prkar1 alpha	2	1	SB02012B1C10.f1	0.01	0.97	0.80	1.25	0.02	1.30	0.01
Shfdg1	3	1	SB010012000C02	0.00	0.99	0.92	0.65	0.00	0.66	0.00
sim Fmnl	1	1	SB02014B1D05.f1	0.73	0.96	0.73	1.01	0.93	1.05	0.56
sim junB	1	0	–							
sim NPD014	8	4	SB02009A2B02.f1	0.03	1.02	0.65	0.94	0.06	0.92	0.02
Stard7	4	0	–							
Syt4	1	2	SB03050B1D10.f1	0.00	1.11	0.43	1.43	0.00	1.29	0.02
Tagln2	1	4	SB02004B1A07.f1	0.00	1.11	0.47	0.75	0.02	0.67	0.00
UbE2v1	2	1	SB02046B1B08.f1	0.01	1.12	0.30	0.84	0.04	0.75	0.00