

Supplementary Table 3. PCA Component Loadings for *DAT1* CpGs on Chromosome 5

	First Component	Second Component	Gene Location	Genome Location
cg23367112	0.835	-0.040	23.92k DS*	1368989
cg09786142	0.637	0.164	23.90k DS*	1369001
cg17471033	-0.596	0.676	21.16k DS*	1371741
cg02579469	0.548	0.056	14.56k DS*	1378350
cg11157525	0.606	0.233	14.40k DS*	1378503
cg11431775	0.510	0.306	13.30k DS*	1379609
cg21896800	0.455	-0.260	12.95k DS	1379957
cg08704623	0.542	-0.138	12.87k DS	1380038
cg06118021	0.866	0.063	12.72k DS	1380185
cg08609839	-0.517	-0.126	12.29k DS*	1380611
cg24767731	-0.513	-0.283	12.27k DS*	1380632
cg20646359	0.618	-0.046	10.38k DS	1382527
cg04089814	0.635	-0.057	7.65k DS	1385252
cg02619599	0.858	0.256	7.27k DS*	1385632
cg03016700	-0.337	-0.382	6.95k DS	1385959
cg08717980	0.468	0.217	6.90k DS*	1386005
cg08391942	0.556	0.280	6.26k DS*	1386647
cg11942971	-0.508	0.218	6.16k DS*	1386742
cg16567815	-0.480	-0.014	6.02k DS*	1386887
cg22182137	0.741	0.080	2.67k DS*	1390235
cg16530632	-0.536	0.748	836 DS*	1392069
cg10838500	-0.455	0.154	E15 (UTR)	1393877
cg19728345	-0.408	-0.803	E15 (UTR)	1394320
cg26924408	-0.753	0.503	E15 (UTR)	1394484
cg14879948	-0.768	0.130	E15 (UTR)*	1394576
cg21163347	-0.507	0.747	E15 (UTR)	1394633
cg22708635	-0.409	0.115	I14*	1395355
cg20471798	0.422	0.720	I12*	1405330
cg00232679	-0.553	0.563	I12*	1405588
cg06033040	-0.437	0.677	I12*	1405601
cg17999358	0.579	0.187	I12	1405774
cg24756227	-0.620	0.181	I12*	1406177
cg26269038	0.660	0.283	E12*	1406365
cg14994247	-0.494	0.404	I11	1407005
cg09892121	-0.408	-0.058	I11	1407319
cg15999077	0.367	0.405	I11*	1407523
cg22891413	-0.495	0.085	I11*	1407569
cg16772793	0.315	0.333	I9	1410156
cg17377433	-0.567	0.429	I8	1413138
cg05124260	-0.522	0.283	I8*	1413928
cg14765933	-0.405	0.329	E8*	1414924
cg02929434	0.567	0.524	I7	1415533
cg08943004	-0.460	0.000	I6*	1416873

cg07525751	0.532	0.296	I6*	1416958
cg09691393	0.585	0.108	I6*	1417003
cg11234429	0.441	0.210	I6*	1417706
cg14506366	0.372	-0.073	I4*	1430421
cg11616777	0.647	-0.245	I4	1431115
cg19440506	0.696	0.223	I4	1431238
cg12516187	-0.505	0.407	I3*	1438168
cg05232496	0.463	0.374	I3	1438225
cg12848639	0.785	-0.074	I3	1438375
cg27580375	0.668	0.045	I3*	1438391
cg16526509	0.525	0.463	I3*	1439208
cg03901281	0.575	0.343	I2	1441675
cg12484332	0.777	-0.116	I1*	1443819
cg00997378	0.804	0.285	I1	1444260
cg08713711	-0.559	0.361	I1	1444333
cg15212349	0.588	0.156	I1*	1444852
cg26205131	-0.553	-0.061	I1*	1444878
cg04598517	-0.583	0.105	E1 (UTR)*	1445542
cg27037018	-0.544	0.052	24 US*	1445567
cg16180821	0.702	0.222	1.43k US	1446969

*Opposite strand; US = Upstream; DS = Downstream; I = Intron; E = Exon
