

Supplemental Table S5
Site Table DOF 1e-05

DMR Name	Chr	Start	Stop	Length	# Sig Win	minP	maxLFC	CpG #	CpG Density	DMR Associated Gene Annotation	Gene Category
DMR1:41645001	1	41645001	41646000	1000	1	1.29E-06	-1.2910872	8	0.8	AABR07001382.1	
DMR1:77583001	1	77583001	77584000	1000	1	1.00E-06	-0.9478177	5	0.5		
DMR1:86088001	1	86088001	86089000	1000	1	1.38E-06	1.4380519	5	0.5		
DMR1:95727001	1	95727001	95729000	2000	1	1.34E-06	1.1116743	21	1.05		
DMR1:141734001	1	141734001	141735000	1000	1	2.60E-06	1.210827	8	0.8		
DMR1:151894001	1	151894001	151895000	1000	1	8.79E-06	-1.6070878	2	0.2		
DMR1:160823001	1	160823001	160825000	2000	1	2.76E-06	1.6548879	9	0.45		
DMR1:173814001	1	173814001	173815000	1000	1	3.53E-07	1.7414013	15	1.5		
DMR1:174512001	1	174512001	174513000	1000	1	5.53E-06	-1.0507456	14	1.4		
DMR1:278751001	1	278751001	278753000	2000	1	6.31E-06	-1.0106013	31	1.55	Atrnl1	Signaling
DMR1:280018001	1	280018001	280019000	1000	1	2.39E-06	1.112425	10	1	Hspa12a	Protein Binding
DMR2:5176001	2	5176001	5177000	1000	1	6.46E-06	-1.1947011	10	1	Fam172a	Unknown
DMR2:20300001	2	20300001	20301000	1000	1	2.76E-06	-1.0301385	23	2.3		
DMR2:24832001	2	24832001	24833000	1000	1	7.30E-06	0.8939205	16	1.6	Pde8b	Signaling
DMR2:24942001	2	24942001	24943000	1000	1	4.68E-06	-0.5770816	11	1.1		
DMR2:91594001	2	91594001	91595000	1000	1	1.76E-07	-1.1055567	6	0.6		
DMR2:124107001	2	124107001	124108000	1000	1	2.26E-07	1.5296568	11	1.1	Fgf2	Growth Factors & Cytokines
DMR2:198326001	2	198326001	198327000	1000	1	9.33E-06	0.8663583	10	1	Sf3b4;RF00413;Sv2a	Translation;Development
DMR2:214141001	2	214141001	214142000	1000	1	6.53E-06	-1.5486427	5	0.5		
DMR2:245330001	2	245330001	245331000	1000	1	3.14E-06	-1.0200328	5	0.5	AABR07013591.1	
DMR3:35983001	3	35983001	35984000	1000	1	6.32E-06	1.097641	10	1		
DMR3:43653001	3	43653001	43654000	1000	1	9.98E-06	-1.3976025	20	2		
DMR3:64210001	3	64210001	64211000	1000	1	5.41E-09	-0.9165997	7	0.7		
DMR3:99933001	3	99933001	99934000	1000	1	1.46E-06	1.6988045	7	0.7		
DMR3:117958001	3	117958001	117959000	1000	1	7.56E-06	1.2633382	21	2.1	Shc4	Signaling
DMR3:153748001	3	153748001	153750000	2000	1	3.92E-06	1.5657772	11	0.55		
DMR3:172576001	3	172576001	172577000	1000	1	9.34E-06	-0.8982347	13	1.3	Atp5f1e;Prelid3b	
DMR4:171359001	4	171359001	171360000	1000	1	8.07E-06	-0.5959781	9	0.9	Ptpro	Signaling
DMR5:58338001	5	58338001	58340000	2000	1	6.88E-06	-1.1370876	16	0.8		
DMR5:86675001	5	86675001	86676000	1000	1	3.31E-06	1.4253497	3	0.3	Megf9	Extracellular Matrix
DMR5:122449001	5	122449001	122450000	1000	1	4.47E-06	1.3948788	12	1.2	Sgip1	
DMR5:171042001	5	171042001	171043000	1000	1	6.13E-06	1.0756749	24	2.4		
DMR6:11637001	6	11637001	11639000	2000	1	5.51E-06	-0.8720061	25	1.25	Msh6	Transcription
DMR6:18383001	6	18383001	18384000	1000	1	4.15E-06	-1.1593162	4	0.4		
DMR6:72147001	6	72147001	72148000	1000	1	5.14E-06	-1.0341144	15	1.5	Scfd1	Receptor
DMR6:124818001	6	124818001	124819000	1000	1	2.04E-06	1.2906608	12	1.2	Dglucy	
DMR7:7679001	7	7679001	7681000	2000	1	8.13E-06	1.5787421	19	0.95	AABR07055673.1	
DMR7:102854001	7	102854001	102855000	1000	1	1.26E-06	1.9953681	8	0.8	AABR07058158.1	
DMR8:21820001	8	21820001	21821000	1000	1	5.39E-06	1.5007699	13	1.3	Col5a3;RF00100	Extracellular Matrix
DMR8:55073001	8	55073001	55074000	1000	1	1.88E-06	-1.3123385	10	1	Dlat	Metabolism
DMR8:72807001	8	72807001	72808000	1000	1	5.60E-06	-0.9387521	11	1.1	Tpm1	Cytoskeleton
DMR8:77709001	8	77709001	77710000	1000	1	7.31E-06	-1.2224467	10	1	Aldh1a2	Metabolism
DMR8:105768001	8	105768001	105769000	1000	1	8.32E-06	1.6290627	7	0.7		
DMR8:125262001	8	125262001	125263000	1000	1	6.46E-06	1.0418497	20	2	Rbms3	Epigenetic
DMR8:127376001	8	127376001	127377000	1000	1	9.71E-06	-0.9866233	22	2.2	Itga9	Extracellular Matrix
DMR9:76832001	9	76832001	76833000	1000	1	1.65E-06	1.0371182	8	0.8		
DMR9:112653001	9	112653001	112654000	1000	1	2.85E-06	1.3293455	13	1.3		
DMR10:82448001	10	82448001	82449000	1000	1	5.04E-06	-1.3711752	7	0.7		
DMR11:53086001	11	53086001	53087000	1000	1	9.93E-06	1.3151319	7	0.7	Bbx	Transcription
DMR12:16964001	12	16964001	16965000	1000	1	1.04E-06	1.029322	27	2.7	AABR07035479.1	
DMR12:31434001	12	31434001	31436000	2000	1	6.46E-06	1.1297768	34	1.7		
DMR13:50361001	13	50361001	50362000	1000	1	2.78E-08	-0.9089442	13	1.3		
DMR13:92897001	13	92897001	92898000	1000	1	3.14E-06	-0.878782	41	4.1	Grem2	
DMR13:97373001	13	97373001	97375000	2000	1	5.97E-06	1.2674796	19	0.95		
DMR14:43460001	14	43460001	43461000	1000	1	9.33E-06	1.3752065	20	2		
DMR14:60964001	14	60964001	60965000	1000	1	1.82E-06	-0.8198825	13	1.3	Sod3	Metabolism
DMR14:100018001	14	100018001	100019000	1000	1	1.22E-06	-1.0912883	9	0.9	Egfr	Receptor
DMR14:109974001	14	109974001	109975000	1000	1	8.23E-06	1.2307687	11	1.1		

DMR15:8061001	15	8061001	8062000	1000	1	1.89E-06	1.3694126	17	1.7	LOC102552344	
DMR15:57865001	15	57865001	57867000	2000	1	1.35E-06	1.7993447	20	1	AABR07018438.1	
DMR15:105133001	15	105133001	105134000	1000	1	8.57E-06	-0.9223631	20	2	Hs6st3	Metabolism
DMR17:7263001	17	7263001	7266000	3000	1	4.04E-07	1.8355538	55	1.83		
DMR17:20777001	17	20777001	20779000	2000	1	9.60E-06	0.6426628	22	1.1		
DMR17:84386001	17	84386001	84388000	2000	1	5.41E-06	-0.8682914	45	2.25	Nebl	Cytoskeleton
DMR18:26179001	18	26179001	26180000	1000	1	2.34E-06	-0.7850327	24	2.4	Nrep	Development
DMR18:36659001	18	36659001	36661000	2000	1	4.67E-06	-0.9105917	18	0.9	Rbm27	
DMR18:45496001	18	45496001	45497000	1000	1	6.51E-06	1.1576274	5	0.5		
DMR19:48589001	19	48589001	48590000	1000	1	8.61E-06	1.2757065	11	1.1		
DMR20:13035001	20	13035001	13036000	1000	1	1.95E-06	-0.8762893	22	2.2	Pcnt;Dip2a	Signaling
DMR20:36074001	20	36074001	36075000	1000	1	6.51E-07	1.7003014	23	2.3		
DMR20:39355001	20	39355001	39356000	1000	1	5.77E-06	-1.6337888	5	0.5		
DMR20:46337001	20	46337001	46338000	1000	1	8.89E-09	-0.8035194	8	0.8		
DMRX:14530001	X	14530001	14531000	1000	1	3.24E-06	-0.8475105	25	2.5	Xk;RF00003	
DMRX:23576001	X	23576001	23577000	1000	1	9.81E-06	-0.8156702	9	0.9	Shroom2	Cytoskeleton
DMRX:139412001	X	139412001	139413000	1000	1	1.14E-06	1.2590564	7	0.7	Gpc4	Extracellular Matrix