

Figure 2-Supplemental 2 - Clusters of hypermethylated genes identified by the oriented strategy. Nine methylation clusters containing 29 genes on six chromosomes.

Cluster	Gene Name	Ensembl Gene ID	EntrezGene ID	chromosome	Ref Seq Genes Position	
					Start (bp)	end (bp)
1	SDHAP3	ENSG00000185986	728609	5	1572073	1594646
	MRPL36	ENSG00000171421	64979	5	1798499	1799956
2	PCDHB16	ENSG00000196963	57717	5	140561265	140565796
	PCDHB9	ENSG00000120324	56127	5	140566893	140571111
3	PCDHB13	ENSG00000187372	56123	5	140593491	140596993
	PCDHB14	ENSG00000120327	56122	5	140601898	140605860
	PCDHB18	ENSG00000146001	54660	5	140613938	140617101
	PCDHB15	ENSG00000113248	56121	5	140624917	140627801
4	KIAA1949/PPP1R18	ENSG00000146112	170954	6	30644166	30655672
	NRM	ENSG00000137404	11270	6	30655824	30659197
	MDC1	ENSG00000137337	9656	6	30667584	30685458
5	BAT4/GPANK1	ENSG00000204438	7918	6	31629006	31633407
	CSNK2B	ENSG00000204435	1460	6	31633657	31637843
6	DOCK1	ENSG00000150760	1793	10	128594023	129250780
	FAM196A	ENSG00000188916	642938	10	128933690	128994422
7	SNORD115-15	ENSG00000201679	100033453	15	25451409	25477615
	SNORD115-21	ENSG00000199833	100033603	15	25453230	25453310
	SNORD115-42	ENSG00000201143	100033816	15	25492492	25492573
8	BOLA2	ENSG00000183336	552900	16	29464914	29466285
	BOLA2B	ENSG00000169627	654483	16	29464914	29466285
	GIYD1/SLX1A	ENSG00000132207	548593	16	29465822	29469545
	GIYD2	ENSG00000181625	79008	16	29465822	29469545
	SULT1A3	ENSG00000261052	6818	16	29471207	29476301
	SULT1A4	ENSG00000213648	445329	16	29471207	29476301
9	MYH13	ENSG00000006788	8735	17	10204183	10276322
	MYH8	ENSG00000133020	4626	17	10293642	10325267
	MYH4	ENSG00000264424	4622	17	10346608	10372876
	MYH1	ENSG00000109061	4619	17	10395627	10421859
	MYH2	ENSG00000125414	4620	17	10424465	10453017