

Table S1: Significantly differentially methylated CpG sites selected according to their contribution to the PCA.

Cpg sites	Position	Relation	Gene	Island position	Location
cg20707527	8 q23.1	Genetic	ZFPM2	S_Shore	
cg20381372	19 q13.12	Intergenic	LOC100134317	S_Shelf	TSS1500
cg20022036	6 p21.32	Genetic	HLA-DRB1	N_shelf	Body
cg15084585	8 q23.1	Genetic	ZFPM2	S_Shore	
cg23024343	7 q22.3	Genetic	COG5	N_Shelf	Body
cg20485733	17 p13.3	Genetic	RAP1GAP2	Open Sea	Body
cg20239921	7 q 11.23	Genetic (Pseudogene)	DTX2P1- UPK3BP1- PMS2P11	Open Sea	Body
cg07040661	11 p15.5	Genetic	MUC2	N_Shelf	Body
cg25458175	19 q13.43	Genetic	ZBTB45	Island	Body
cg07180897	6 p21.32	Genetic	HLA-DQB2	N_Shore	Body
cg08720517	5 q 31.2	Genetic	PROB1	Island	1 st Exon
cg14073541	9 q 33.3	Genetic	DENND1A	Open Sea	Body
cg07458466	12 p 12.2	Genetic	PLCZ1	Open sea	Body
cg09642739	8 p 11.21	Genetic	HOOK3	Open Sea	Body
cg22949274	11 q 23.1	Genetic	SDHD	S_Shelf	Body
cg01437515	1 p 36.33	Genetic	TNFRSF4		
cg24840300	19 p13.3	Genetic	PLPR3	Island	3'UTR
cg25828445	12 p13.31	Intergenic (Pseudogene)	NIFKP3	S_Shore	
cg11445109	10 q26.3	Genetic	CYP2E1	S_Shore	Body
cg19469447	10 q26.3	Genetic	CYP2E1	Island	Body
cg17172308	6 q27	Intergenic	FRMD1	S_Shelf	
cg05473257	10 q26.3	Genetic	CYP2E1	Island	Body
cg14906510	12 p 13.31	Genetic	NIFKP3	Island	
cg05194426	10 q26.3	Genetic	CYP2E1	S_Shore	Body
cg23400446	10 q26.3	Genetic	CYP2E1	Island	Body
cg26805839	9p24.2	Genetic	SLC1A1	Open Sea	Body