

Additional file 6: Table S1. Pyrosequencing primer sequences designed with Qiagen Pyromark Assay Design 2.0 software.

Assay CpG target	Primer	Sequence
cg02853387	Forward	AGGGAAGAAAAGTTATTAAGTTGT
	Reverse (5'biotinylated)	ACAAATACAAAACCCATATTCTCAA
	Sequencing	GTGTAGGTTTTTAGTTTATAGT
cg02438481	Forward	GTTTTGGGTTTGGTGATTGTTTGA
	Reverse (5'biotinylated)	ATTTCTTAATCAATACCACCTTCTTCTATA
	Sequencing	TTTATTTTAGGTGGGAGT
cg13979274	Forward (5'biotinylated)	AGGGGAGTATTTTAGTTTAGTGTATAG
	Reverse	CCAACTTAAAAAAACCAAACCTTCAATATC
	Sequencing	AAAACAATTACAACCCTC