

Table S5. The characteristics of the used pyrosequencing assays

Pyrosequencing assay no.	Primer	Primer sequence 5'-3'	Annealing temperature	Product size (bp)	Localization (GRCh37/hg19)	Number of analyzed CpG
1	F	GGGTAAATGAGTGAGTTTTAGTTAGAA	53°C	141	chr1:65,467,920-65,468,060	5
	R	biotin-CCCTTAAATCAACCACTAAATAACTT				
	S	TTGTTTTGGGTAGTGGG	Sequencing primer			
2	F	biotin-GAAGTAATGTTTAAAGGGTATTGG	55°C	173	chr14:77,371,429-77,371,601	2
	R	CCAACCTACTAATTACTAAACATTTTATAC				
	S	ACTCTACACTTAATAACTA	Sequencing primer			
3	F	TTGGGTATTTGGGGTTAAGATTTAA	55°C	146	chr16:77,469,489-77,469,634	3
	R	biotin-ACCAAAACAATAAACTATCACTATCTAC				
	S	GGTATTTGGGGTTAAGATTTAAT	Sequencing primer			
4	F	AGGATTGTTTATAGATATTAAGGTTATGAA	55°C	94	chr17:17,311,818-17,311,911	2
	R	biotin-ATTCTTTCTCATTTCCAAATCTCAC				
	S	ATAGATATTAAGGTTATGAAAGATA	Sequencing primer			
5	F	GTTATAGATGGTTTGATAAGTTTTGTGT	56°C	153	chr3:171,529,577-171,529,729	1
	R	biotin-ACAAATACCAAATATTTTCATAATAACAC				
	S	GGTTTGATAAGTTTTGTGTA	Sequencing primer			

F-forward primer; R-reverse primer; S-sequencing primer