

TABLE S1**Details of three regions analyzed through genomic bisulfite sequencing**

Region	Coordinates (Size)	Target strand	Primers used for amplification
R-I	-169 to 157 (326-bp)	Sense	Forward-Prom: 5'-AGTAAAGGGTTTAAAATTGT-3' Reverse-Prom: 5'-AAATCACACTACTACTTA-3'
R-II	4093 to 3800 (294-bp)	Antisense	Forward-SalI: 5'-AGATGGTAGAAATAAAGTTTGAGT-3' Reverse-SalI: 5'-CATAACCTTACTTTACCCACATTA-3'
R-III	4781 to 4532 (250-bp)	Antisense	Forward-Hpa: 5'-GGGAAATTATTAGGGAGGG-3' Reverse-Hpa: 5'-CTCTTCATTCAAACCTAACTAA-3'