

Supplementary Figure S1: Scoring and interpretation of different banding patterns obtained in MSAP assay

	Banding pattern <i>(EcoRI/HpaII)/(EcoRI/MspI)</i>	Interpretation	Scoring
$5' \text{CCGG}$ $\text{GGCC}_{5'}$ <i>Non methylation</i>	1/1	Non-methylated cytosines	0
$5' \text{C}^m \text{CG G}$ $\text{G GC}^m \text{C}_{5'}$ <i>Full & hemi-methylation of internal cytosine</i> $5' \text{C}^m \text{CGG}$ $\text{G GCC}_{5'}$	0/1	Fully methylated & hemi-methylated internal cytosines	1
$5' \text{C}^m \text{CGG}$ $\text{GGCC}_{5'}$ <i>Hemi-methylation of external cytosine</i>	1/0	Hemi-methylated external cytosine	1
$5' \text{C}^m \text{C}^m \text{CG G}$ $\text{G GC}^m \text{C}^m_{5'}$ <i>Full & hemi-methylation of both cytosines</i> $5' \text{CCTG}$ $\text{GGNC}_{5'}$ <i>Mutation (unknow)</i> $5' \text{C}^m \text{CGG}$ $\text{GGCC}^m_{5'}$ <i>Full-methylation of external cytosine</i>	0/0	No information	0