

**Supplementary Table S4.** Methylation specific PCR cycling conditions

Temperature, °C	Duration	Cycles
95 °C	7 min	1
95 °C	45 s	35–37
According to gene*	45 s	
72 °C	45 s	
72 °C	10 min	1
4 °C	∞	1

\* *P14* – 66 °C; *P16* – 64 °C–30s; *MGMT* – 67 °C (M) and 64 °C (U); *RARB* – 60 °C; *RASSF1* – 61 °C (M) and 63 °C (U); *DAPK1* – 66 °C; *GSTP1* – 60 °C; *ESR1-1* – 60 °C; *ESR1-4* – 58 °C; *PRKCB* – 56 °C; *MT1E* – 56 °C; *MT1F* – 55 °C; *MT1G* – 58 °C; *APC* – 59 °C; *ADAMTS12* – 62 °C; *RUNX3* – 59 °C; *NAALAD2* – 58 °C.