**Supplemental Table 1**. Sequences of primers

|  |  |  |
| --- | --- | --- |
| **PCR** | **Primer name** | **Sequence (5'-3')** |
| MSP in promoter region |  |  |
|  | MSP-F | ACGTAGACGTTTTATTAGGGTCGC |
|  | MSP-R | CCTCATCGTAACTACCCGCG |
| UMSP in region |  |  |
|  | UMSP-F | TTTTGATGTAGATGTTTTATTAGGGTTGT |
|  | UMSP-R | ACCACCTCATCATAACTACCCACA |

Notes.

MSP, methylation specific PCR; UMSP, unmethylation specific PCR