

**Table S6. Primer sequences used for quantification of individual CpG-site DNA methylation analysis by bisulfite genomic pyrosequencing.**

<b>Symbol</b>	<b>Primer name</b>	<b>Forward primer (5'-3')</b>	<b>Reverse primer (5'-3')</b>
<b>Cbs fst</b>	Cbs forward strand	AGGTTGTGTAGTAAGGTAT AGATTTTTGGGTATAG	<b>B-</b> CTCTCCACCCCACTCTA ACTC
<b>Cbs fst seq</b>	Cbs forward strand sequencing primer	GGTATAGATTTGGGGTTTT	
<b>Cbs rst</b>	Cbs reverse strand	TTTTATAGAGGGGTGTTTG TTGTTTTGGGAGTTG	<b>B-</b> ACTAACCCAAACCTCTCA AACCAATTACTT
<b>Cbs rst seq</b>	Cbs reverse strand sequencing primer	TTGTTTTGGGAGTTGT	

fst, forward genomic DNA strand; rst, reverse genomic DNA strand; B, biotinylation.