

Additional file 1. Primers used in the methylation analysis.

Untailed primer sequences		
Oligo name	Target locus	Sequence (5'→3')
200c-BSP-F *	miR-200c/miR-141 locus	TAGGTAAAGGTTATTAGGGGAGAGG
200c-BSP-R [§]	miR-200c/miR-141 locus	AACACTTCCTAATAAACCCCTACTA
E-cad-BSP-F *	E-Cad promoter	GGAATTGTAAAGTATTTGTGAGTTTG
E-cad-BSP-R [§]	E-Cad promoter	AAATACCTACAACAACAACAACAAC
5'-end tailed primer sequences for BSP and NBSP		
Oligo name	Target locus	Sequence (5'→3')
<u>Tail1</u> -200c-BSP-F *	miR-200c/miR-141 locus	<u>CAGGAAACAGCTATGACC</u> ATAGGTAAAGGTTATTAGGGGAGAGG
Tail2 -200c-BSP-R [§]	miR-200c/miR-141 locus	TGACTGGTACGTACCAACA CACTTCCTAATAAACCCCTACTA
<i>Tail3</i> -200c-BSP-F *	miR-200c/miR-141 locus	<i>TGCATGCAACGTCAGTGTTAGGTAAAGGTTATTAGGGGAGAGG</i>
<i>Tail4</i> -200c-BSP-R [§]	miR-200c/miR-141 locus	<i>CAACGTGTTGACGTGTCAAACA</i> CACTTCCTAATAAACCCCTACTA
<i>Tail5</i> -200c-BSP-F *	miR-200c/miR-141 locus	<i>TGTGGTCACACAACACGTTAGGTAAAGGTTATTAGGGGAGAGG</i>
<i>Tail6</i> -200c-BSP-R [§]	miR-200c/miR-141 locus	<i>ACACGTACTGTGACGTCAAACA</i> CACTTCCTAATAAACCCCTACTA
<u>Tail1</u> -E-cad-BSP-F *	E-Cad promoter	<u>CAGGAAACAGCTATGACC</u> AGGAATTGTAAAGTATTTGTGAGTTTG
Tail2 -E-cad-BSP-R [§]	E-Cad promoter	TGACTGGTACGTACCAACA AAATACCTACAACAACAACAACAAC

The underlined characters represent the 5'-Tail1 (M13 reverse) added to the forward primers while the bold ones indicate the 5'-Tail2 (BC) added to the reverse primers; the italic characters represent the Tail 3, 4, 5 or 6; *F = forward primer, [§]R= reverse primer.