Table S2. Primer sequences used for MS-PCR

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| Gene | Comment | Sequence(5’to 3’) |
| methylated CCND2 | Forward  Reversed | GGAGGTGAAGAAACGTTATTAGATC  GAAAACATAAAACCTCCACGCT |
| unmethylated CCND2 | Forward  Reversed | AGGTGAAGAAATGTTATTAGATTGT  CAAAAACATAAAACCTCCACACT |
| methylated RASSF1A | Forward  Reversed | GAGAGCGCGTTTAGTTTCGTTTTC  CCGTACTTCGCTAACTTTAAACGCT |
| unmethylated RASSF1A | Forward  Reversed | AGAGTGTGTTTAGTTTTGTTTTTGG  ATTAAACCCATACTTCACTAACTTTAAACA |
| methylated CDKN2B | Forward  Reversed | TATGTTTAGTGGGGGCGGTAGC  GAACAACATCATACACCGATCGAA |
| unmethylated CDKN2B | Forward  Reversed | GTATGTTTAGTGGGGGTGGTAGTGA  CAAACAACATCATACACCAATCAAA |
| methylated DLC1 | Forward  Reversed | TTTTGTGATTTTTGTTTTTGTATTC  TTAACGACGAACTATTCTCCGAC |
| unmethylated DLC1 | Forward  Reversed | TTTGTGATTTTTGTTTTTGTATTTG  CCTTAACAACAAACTATTCTCCAAC |