

5' C↓**C**GGATGC**C**GTAC↓CGG 3'
 3' GGC↓CTACGG**C**ATGGC↓C 5'

5' C↓**C**GGATGC**C**GTAC↓CGG 3'

Bisulphite conversion

5' **C**GGATGU**C**GTAU 3'

PCR

5' **C**GGATGT**C**GTAT 3'
 3' GCCTACAGCATA 5'

5' C↓**C**GGTA**C**GGCATC↓CGG 3'

Bisulphite conversion

5' UGGTA**C**GGUATU 3'

PCR

5' TGGTA**C**GGTATT 3'
 3' ACCATGCCATAA 5'

Here the possibilities of sequencing (non-directional)
 are -

5' **C**GGATGT**C**GTAT 3'
 5' ATACGACATCCG 3'
 5' TGGTA**C**GGTATT 3'
 5' AATACCGTACCA 3'

C is methylated
 C is unmethylated