

5' C↓CGGATGCCGTAC↓CGG 3'
 3' GGC↓CTACGGCATGGC↓C 5'

5' C↓CGGATGCCGTAC↓CGG 3'

Bisulphite conversion

5' CGGATGUCGTAU 3'

PCR

5' CGGATGTCGTAT 3'
 3' GCCTACAGCATA 5'

5' C↓CGGTACGGGCATC↓CGG 3'

Bisulphite conversion

5' UGGTACGGGUATU 3'

PCR

5' TGGTACGGGTATT 3'
 3' ACCATGCCATAA 5'

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

5' CGGATGTCGTAT 3'
 5' ATACGACATCCG 3'
 5' TGGTACGGGTATT 3'
 5' AATACCGTACCA 3'

C is methylated
 C is unmethylated