

Table 1 Suppl. Primers for semi-quantitative PCR and DNA bisulfite sequencing PCR (BSP).

Primer	Sense sequence	Antisense sequence
qRT- <i>ZmGRP3</i>	5'-GTTGCAAGAATTATTAGTCAGGAA-3'	5'-GGAACACAGTAACAACAAGGGG-3'
qRT- <i>ZmTublin</i>	5'-GCTATCCTGTGATCTGCCCTGA-3'	5'-CGCCAAACTTAATAACCCAGTA-3'
<i>SC-ZmGRP3</i>	5'-TATATAGGGAGAGCATGCAGGC-3'	5'-GGTTATCTTAGCGATGAGGAGT-3'
BSP-Region I	5'-GGTTAGTTTGGAAATTTAATTTTATA-3'	5'-AATCATAAATCCAACCAACAAATTC-3'
BSP-Region II	5'-TTTTTTGTTTTTGATGGGTAATTTI-3'	5'-ACATACAACCTCAACCTTTAACTC-3'
BSP-Region III	5'-TTGATTAGATTTTATAGTATATGGA-3'	5'-ACAAACACATAACTCCCTAACCTAA-3'
BSP-Region IV	5'-ATAGGGAGGAGGAGGTGGTATTAAC-3'	5'-TAACTTAAAACCTCAACTACACCAC-3'
BSP-Region V	5'-ATGGGTTTTGGGGTTTAGGTTAC-3'	5'-ATGGGTTTTGGGGTTTAGGTTAC-3'

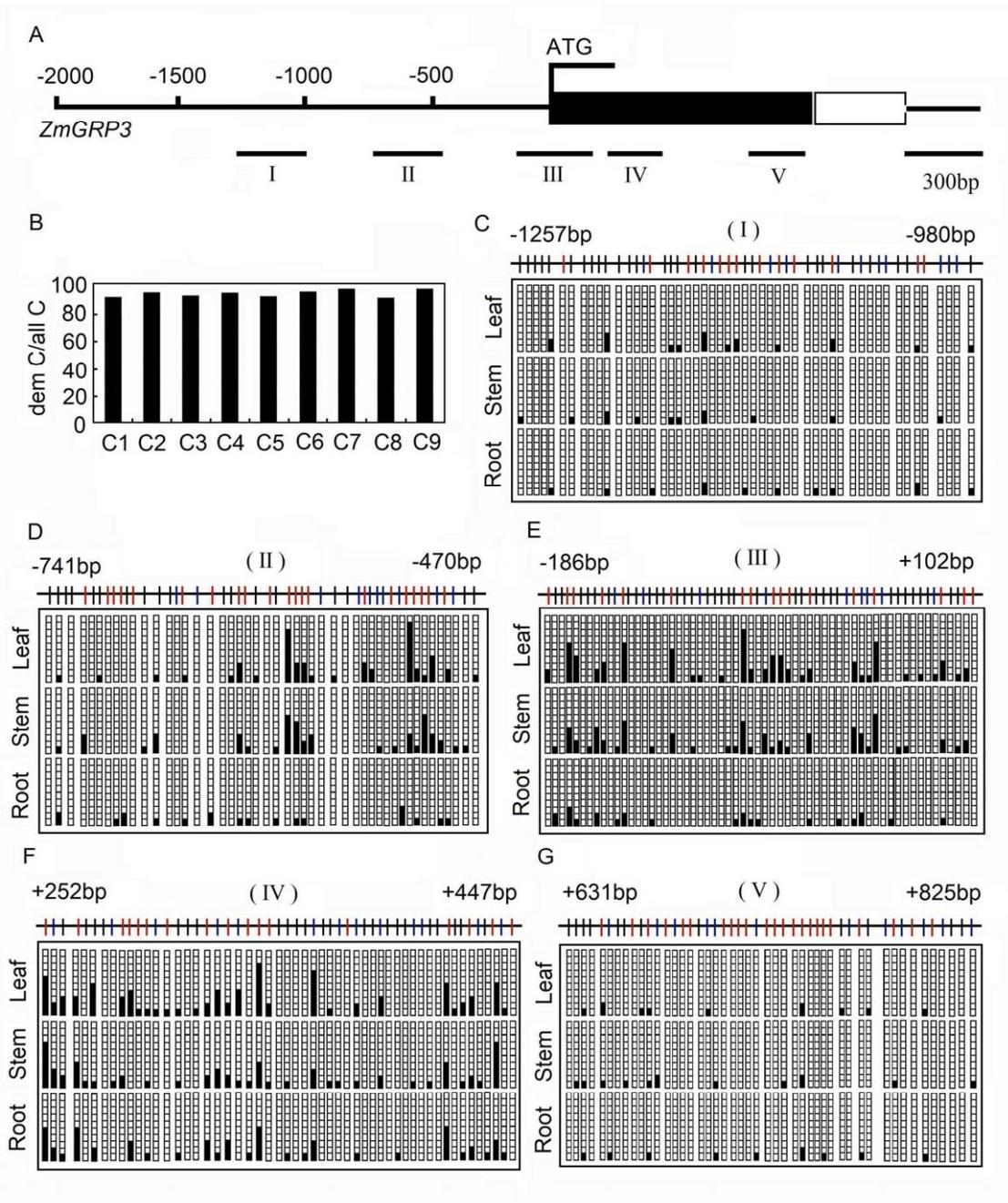


Fig. 1 Suppl. The bisulfite sequencing quantification of *ZmGRP3* C methylation in DNA extracted from leaves, stems and root tips of 5-Aza-CdR treated maize seedlings. For details see Fig. 1.