



Supplemental Fig S7. Examination of false positive m⁶dA calling surrounding m⁵C. **(a)** The *E. coli* methylome with m⁵C events was used to estimate the false positive rate (FPR) of m⁶dA calling positioned in the vicinity (+/-10bp) of m⁵C sites. Different cutoffs (X axis) were interrogated, and the corresponding $-\log_{10}$ false positive rates (Y axis) are shown as the black curve. The red and blue dashed lines indicate that the FPRs at IPD ratios of 3 and 4 are 6.69×10^{-5} and 1.91×10^{-5} , respectively. **(b)** The *Clostridium* methylome was used to estimate FPR of m⁶dA calling sites without m⁵C bias. The red and blue dashed lines indicate that the FPRs at IPD ratio of 3 and 4 are 2.54×10^{-5} and 8.13×10^{-6} , respectively. **(c)** Influence of m⁵C on the IPD ratio of its adjacent A's in *E. coli* K12. The boxplot shows the IPD ratio distribution of A's. The X axis represents the A's in the [-10bp, +10bp] of Cm⁵CWGG. The Y axis represents the IPD ratio of A's.