



Supplemental Figure 11. 5mC change anti-correlated with 5hmC change on c-DMRs. (A-B) Scatter plots between 5mC difference and 5hmC difference in liver c-DMRs (A) and lung c-DMRs (B). (C-D) Boxplots of 5hmC difference in different liver c-DMRs (C) and lung c-DMRs (D) categories. (E-F) Boxplots of H3K4me1 modification difference in different liver c-DMRs (E) and lung c-DMRs (F) categories. (G) Cytosine modification difference (5mC + 5hmC) between lung normal and lung tumor at promoters with high and low 5hmC level. (H) Only DNA methylation difference (5mC) between lung normal and lung tumor at promoters with high and low 5hmC level. Promoters were ranked according to 5hmC level and top and lowest 10th percentiles of promoter were used for our analysis.