



Supplemental_Fig_S6. Maps of R-loops on maize chromosomes.

(A) Map of R-loop peaks on Chromosome 8. Diagram of the Chromosome 8 with the pericentromeres shaded in black (top). The x axis represented positions on Chromosome 8. The y axis represented numbers of R-loop peaks. Shown below were patterns of genes expressed in leaf (yellow, genes/1Mb), TEs (DNA-TE/1Mb, dark yellow; RNA-TEs/1Mb, dark blue), histone modification (H3K9me2 (purple, $\log_2(\text{ChIP}/\text{input})$), H3K56ac (light blue, $\log_2(\text{ChIP}/\text{input})$), DNA methylation (proportion methylated in CG (orange), CHG (grayish white) and CHH (dark blue) contexts/500 kb). (B) Manhattan plot for R-loop peaks. The x axis showed the chromosomal position. Diagram of the Chromosome 1-10 with the pericentromeres shaded in black (top).