

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Detailed tissue information and mapping statistics of 15 ATAC-seq data from 12 major tissues.

File Name: Supplementary Data 2

Description: The number of TF genes with their motifs curated in this study.

File Name: Supplementary Data 3

Description: The total length of ACR used for TF enrichment analysis and the number of enriched TF motifs across tissues.

File Name: Supplementary Data 4

Description: The genome quality, size of ungapped alignment and number of constrained maize ACRs (alignment proportion $\geq 90\%$) among grass species and outgroup species.

File Name: Supplementary Data 5

Description: The size of ungapped alignment and the number of intraspecifically constrained ACRs (alignment $\geq 90\%$) among non-B73 maize and teosinte genomes.

File Name: Supplementary Data 6

Description: Differentially expressed genes between maize and teosinte in different tissues (difference: yes; no difference: no).

File Name: Supplementary Data 7

Description: The genomic coordinates of subgenome one and subgenome two in B73 V4 genome.