

## **Description of Supplementary Files**

File Name: Supplementary Data 1

Description: Amino acid sequences of histone 3 in multiple plant species.

File Name: Supplementary Data 2

Description: Numbers of nuclei examined in immunofluorescence experiments.

File Name: Supplementary Data 3

Description: Primers used in this study.

File Name: Supplementary Data 4

Description: Read and peak numbers for each ChIP-seq experiment.

File Name: Supplementary Data 5

Description: List of original data sources used in this study.