

## **Description of Additional Supplementary Files**

Supplementary Data 1.

Localization of THSs in the different genotypes.

Supplementary Data 2.

List of Transcription factors (TFs) used to localize their binding sites. Data accession numbers and references are included.

Supplementary Data 3.

Gene groups in each genotype used for accessibility profiles.

Supplementary Data 4.

Blacklisted regions.