## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: A total of 113 ChIP-seq data generated in breast cancer cell lines collected from ENCODE and previous literature.

File Name: Supplementary Data 2 Description: Association of co-occupancy of two TFs with breast cancer risk in BCAC data.

File Name: Supplementary Data 3 Description: : Association of chromatin states with breast cancer risk and interaction with TF score in BCAC data.

File Name: Supplementary Data 4 Description: Breast cancer susceptibility genes identified by TWAS analysis using genetic variants occupied by risk-associated TFs.

File Name: Supplementary Data 5 Description: Susceptibility genes supported by functional genomic data analysis.