

## **Description of Additional Supplementary Files**

File name: Supplementary Data 1.

Description: Data summary of HUES64 Hi-C.

File name: Supplementary Data 2.

Description: CTCF loop domains in HuES64.

File name: Supplementary Data 3.

Description: Capture Hi-C summary.

File name: Supplementary Data 4.

Description: Constitutive CTCF loop domain.

File name: Supplementary Data 5.

Description: Datasets used in this study.