

## **Description of Additional Supplementary Files:**

**Supplementary Data 1:** ChIP-seq read depths

**Supplementary Data 2:** 3C-seq contact matrices

**Supplementary Data 3:** 3C-seq explorable heatmaps with aligned ChIP-seq data

**Supplementary Data 4:** 3C-seq explorable heatmaps with H-NS-39 expression and aligned ChIP-seq data

**Supplementary Data 5:** ISAbA13 insertion sites