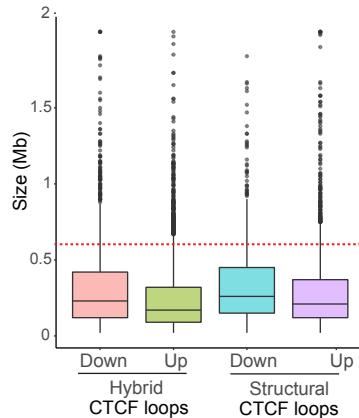
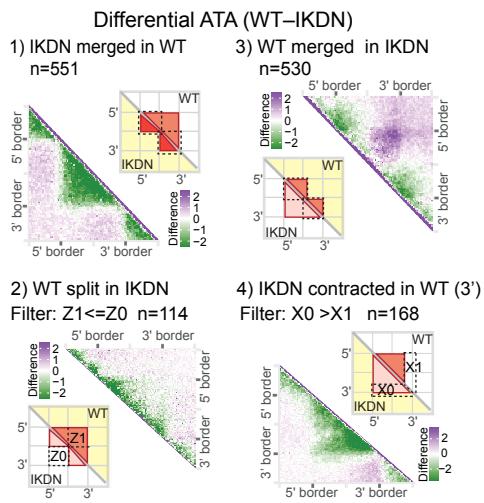
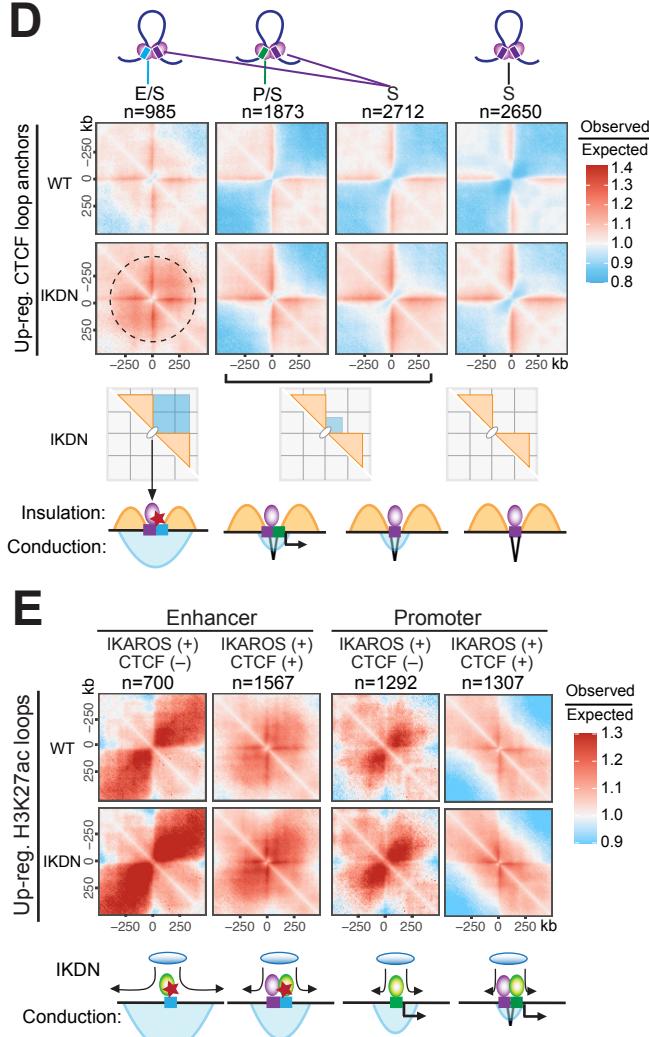
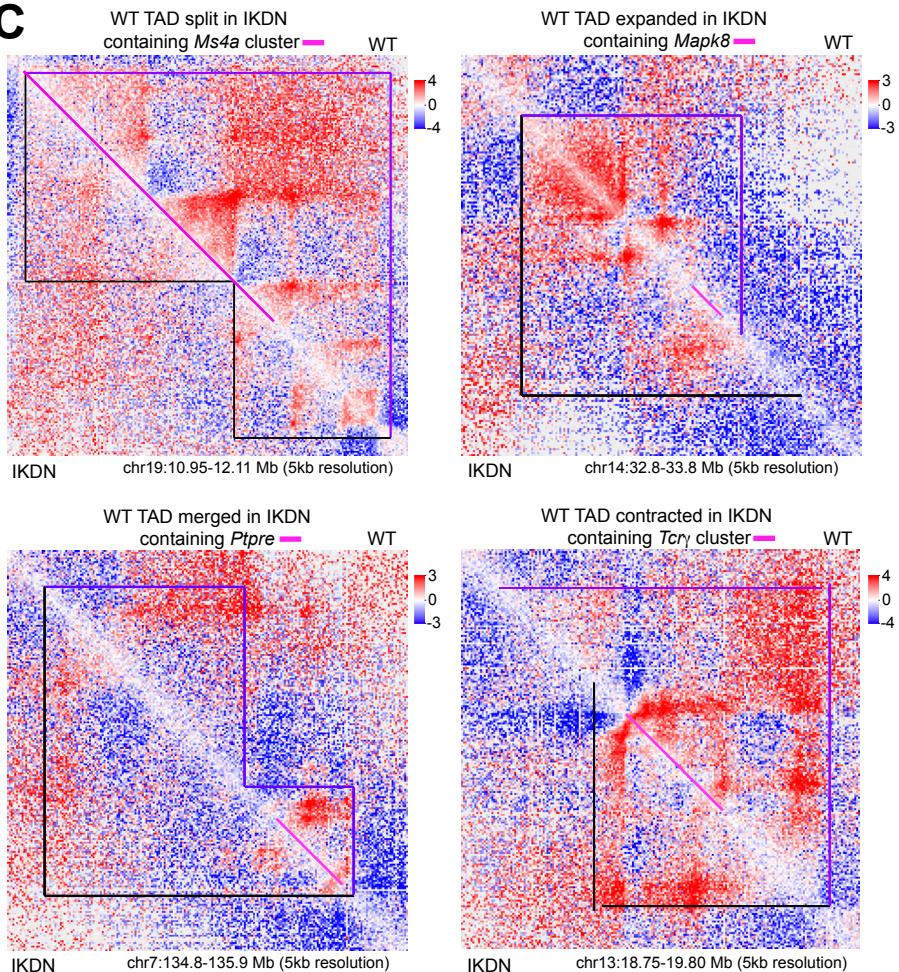
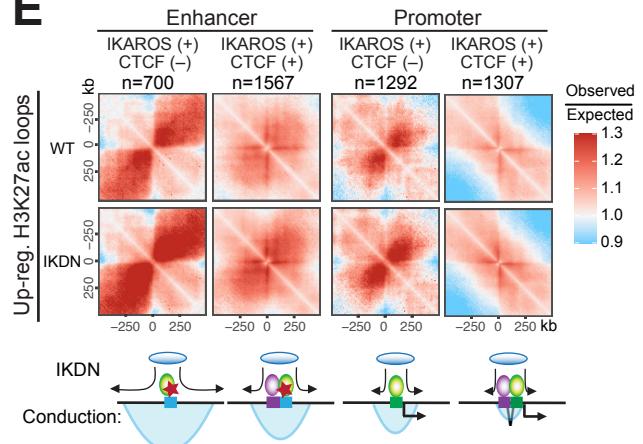
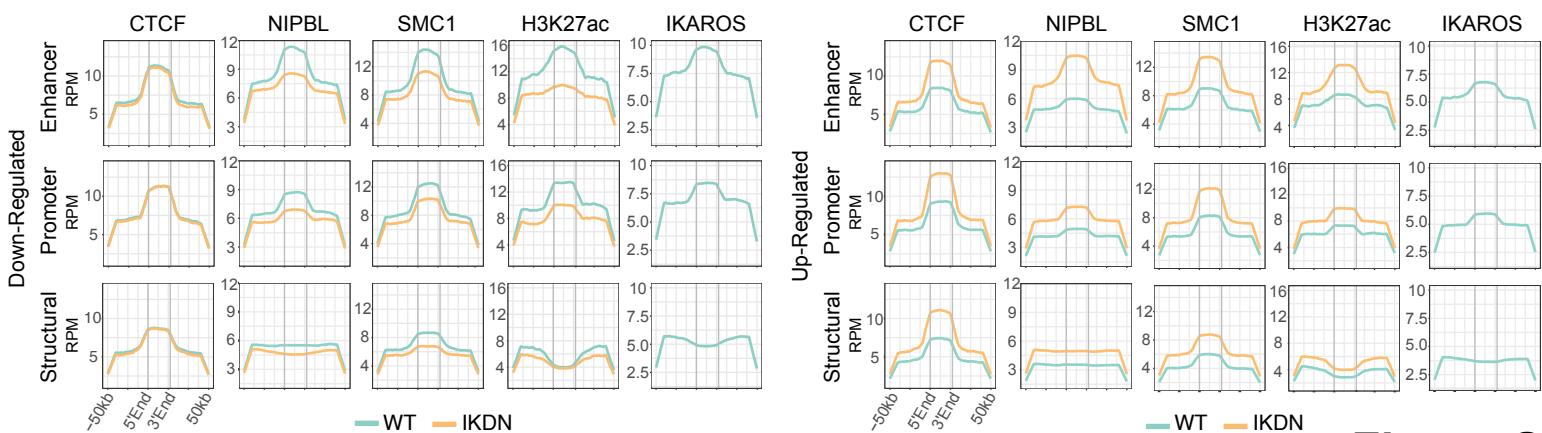


**A****B****D****C****E**

- CTCF motif
- Enhancer
- Promoter
- TSS
- CTCF
- IKAROS
- H3K27ac
- Cohesin loading and translocation
- Insulation
- Loop crossing an anchor
- Loop at CTCF site

**G**

### Factor and histone modifications at down- and up- regulated CTCF loop anchors



**Figure S3**