

Descriptions of additional supplementary files

Supplementary Data 1. Bin pairs significantly enriched interchromosomal interactions.

Supplementary Data 2. The significant enrichment of interchromosomal interactions involving telomeres.

Supplementary Data 3. The significant enrichment of interchromosomal interactions involving centromeres.

Supplementary Data 4. Regional interchromosomal interaction enrichment and hub regions.

Supplementary Data 5. Multiway interaction frequency of gene promoters and enhancers in cell line GM12878.

Supplementary Data 6. Multiway interaction frequency of gene promoters and enhancers in cell line K562.