Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Interaction profiles for HARs.

File Name: Supplementary Data 2

Description: Gene lists that are associated with HARs, HGEsFB, HGEsAB, and HLEs.

File Name: Supplementary Data 3

Description: Sequences for CRISPR guide RNAs and primers used in the study.

File Name: Supplementary Data 4

Description: Coordinates for the randomly selected regions that have the same length and GC content distribution with HARs. These regions were used to generate the background Hi-

C interaction profiles of HARs.

File Name: Supplementary Software 1

Description: contains code used in the manuscript on how to (1) select random GC content-matched regions with HARs, (2) assess HAR enrichment in cell-type specific DNase hypersensitivity sites, (3) perform evolutionary conservation analysis, (4) perform gene set enrichment analysis, and (5) compare gene expression profiles between human and rhesus macaque.