

Supplementary Figure 1. Comparison of expression of genes in proximity of CREAM-specific COREs were significantly higher than genes in proximity of ROSE-specific COREs in both GM12878 and K562 cell lines.

Supplementary Figure 2. Comparing the percentage of COREs which overlap with promoters, exons, introns, and intergenic regions for COREs identified by CREAM or ROSE in GM12878 and K562 cell lines.

Supplementary Figure 3. Difference between enrichment of transcription factor binding intensity within CREAM-identified COREs and ROSE-identified COREs excluding the CRE-free gaps.