

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Differentially regulated genes between HFD and NC in Beta-hi, Beta_low, and Mki67_beta populations. Adjusted p-values were calculated using Seurat's default method, which applies adjustments using bonferroni correction based on the total number of genes in the dataset.

File Name: Supplementary Data 2

Description: Genes related to Figure 2E. Adjusted p-values were calculated using Seurat's default method, which applies adjustments using bonferroni correction based on the total number of genes in the dataset.

File Name: Supplementary Data 3

Description: Genes related to Figure 2F. Adjusted p-values were calculated using Seurat's default method, which applies adjustments using bonferroni correction based on the total number of genes in the dataset.

File Name: Supplementary Data 4

Description: TFs of which the expression correlate with H3K27ac or H3K4me1 enhancer changes.

File Name: Supplementary Data 5

Description: Correlation between gene expression and H3K27ac/H3K4me1 intensity.

File Name: Supplementary Data 6

Description: Original blots related to Figure 6H.