## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: List of superenhancers identified using H3K27ac ChIP-seq data during cell

transformation.

File Name: Supplementary Data 2

Description: List of transcription factors ranked based on TFScores.

File Name: Supplementary Data 3

Description: siRNAs for transcription factors in Figure 5.

File Name: Supplementary Data 4

Description: qPCR Primer sequences for transcription factors in Figure 5.