

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Table of annotated peaks for G4 ChIP-seq in 93T449 cells, merge of 2 replicates.

File Name: Supplementary Data 2

Description: Table with TPM gene expression from 3 biological replicates of RNA-seq in 93T449 cells.

File Name: Supplementary Data 3

Description: Table of annotated Omni-ATAC-seq peaks for 93T449 cells.

File Name: Supplementary Data 4

Description: Table with TPM gene expression from 4 biological replicates of RNA-seq in HaCaT cells.

File Name: Supplementary Data 5

Description: Table of annotated ATAC-seq peaks for HaCaT cells, merge of 2 replicates.

File Name: Supplementary Data 6

Description: Table of annotated peaks for G4 ChIP-seq in HaCaT cells, merge of 2 replicates.

File Name: Supplementary Data 7

Description: Table of significant differentially expressed genes between 93T449 and HaCaT cell lines, considering 3 and 4 biological replicates respectively.

File Name: Supplementary Data 8

Description: list and logos of de novo and known transcription factor binding motifs in G4 peaks for 93T449 cells.