

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Differentially expressed genes along the cell cycle in HEK293T cell line.

File name: Supplementary Data 2

Description: log2FC in gene expression along cell cycle.

File name: Supplementary Data 3

Description: Module assignment for Type I and II CCGs.

File name: Supplementary Data 4

Description: Verified cell cycle related TF modules in HEK293T cell line.

File name: Supplementary Data 5

Description: Candidate TF-TF regulatory relationships identified by LASSO regression.

File name: Supplementary Data 6

Description: Differentially expressed genes during oncogene-induced senescence (OIS).

File name: Supplementary Data 7

Description: Module assignment for Type I and II DEGs.

File name: Supplementary Data 8

Description: TF hubs identified in OIS.

File name: Supplementary Data 9

Description: Verified TF modules in OIS.

File name: Supplementary Data 10

Description: Sequence of the primers used for qRT-PCR.

File name: Supplementary Data 11

Description: sgRNA sequence used in knock down experiments.

File name: Supplementary Data 12

Description: Sequence of DNA oligos used in snapTotal-seq.