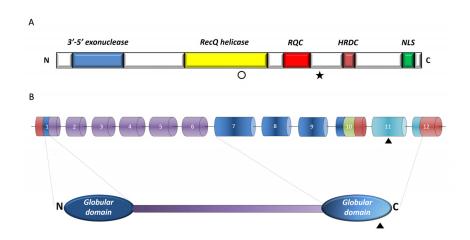
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SUPPLEMENTARY FIGURES



Supplementary Figure 1. Methylated TRF2 exhibits an altered nuclear staining associated with induction of replicative senescence in normal human primary fibroblast cells. Analysis of indirect immunofluorescent with anti-TRF2-2meR17 antibody. Cell nuclei were stained with DAPI in blue.

Supplementary Figure 2. Induction of the altered methylated TRF2 staining in late passage normal human primary fibroblast cells. (A) Analysis of indirect immunofluorescence with anti-TRF2-2meR17 antibody in normal human primary fibroblast AG02261 cells at either p15 or p45. Cell nuclei were stained with DAPI in blue. (B) Senescence-associated β -galactosidase assays for AG02261 cells at either p15 or p45. Quantification of percentage of AG02261 cells with altered nuclear staining of methylated TRF2. A total of at least 900 cells in triplicate were scored in blind for each passage as indicated. Standard deviations from three independent experiments are indicated. (D) Quantification of percentage of normal human primary fibroblast GM1706 cells with altered nuclear staining of methylated TRF2. A total of at least 900 cells in triplicate were scored in blind for each passage as indicated. Standard deviations from three independent experiments are indicated.

