



Supplemental Figure S3: Depletion of shelterin proteins TRF1 and TRF2 does not affect telomere size in HeLaS cells.

(A) Western Blot analysis of TRF1 and hnRNPA1 in HeLaS cells transfected with the indicated siRNAs (siGFP and siTRF1). (B) Quantification of the number of cells containing >5 telomere dysfunction induced foci (TIFs) detected as in Figure 2B. Data represent mean of 1 independent experiment (>200 cells/condition/experiment). (C) Distributions of R_g of telomeric (CCCTAA)₃-FISH labeled samples obtained by analysis of STORM data. (D) Western Blot analysis of TRF2, Myc, γ H2AX and hnRNPA1 in HeLaS cells transfected with TRF2 Δ B Δ M and empty vector (EV) control. (E) Quantification of the number of cells containing >5 telomere dysfunction induced foci (TIFs) detected as in Figure 2B. Data represent mean of 2 independent experiments (>190 cells/condition/experiment). (F) The same as in (C) but for TRF2 Δ B Δ M transfected cells.