



Supplementary Figure S4. Primer single-stranded DNA stimulates the activity of TERT ring or full-length TERT assembled as telomerase holoenzyme. (**A**, **B**) Activity of TERT ring holoenzyme RNP (**A**) or full-length TERT holoenzyme RNP (**B**) reconstituted in 293T cells with full-length hTR and assayed with 6 nt, 12 nt or 18 nt primers. The 5' single-stranded DNA extensions were either T-tract (T_n with $n = 6$ or 12) or telomeric-repeat $[(GTTAGG)_n]$ with $n = 1$ or 2] sequence. For relative activity (Rel. Act.), product intensities were first subtracted for background signal then normalized to activity on the 18 nt primer within each set of assays.