

Supporting Information

HIV-1 nucleocapsid protein unfolds stable RNA G-quadruplexes in the viral genome and is inhibited by G-quadruplex ligands

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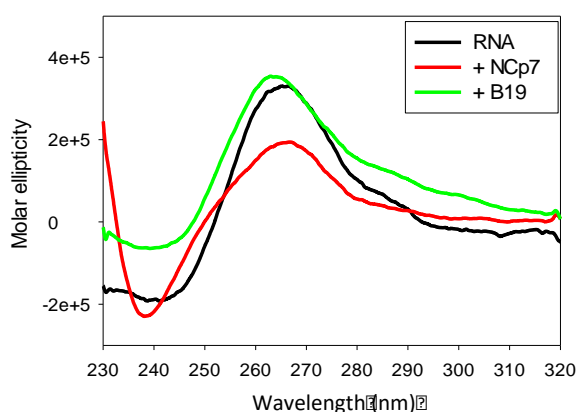


Figure S1. CD analysis of NCp7-mediated U3 III+IV RNA G4 unfolding. CD spectra of the G4-folded RNA U3 III+IV (black line) in the presence of 10-fold excess of NCp7 in 50 mM K^+ or of the G4-ligand B19 (8 μ M).

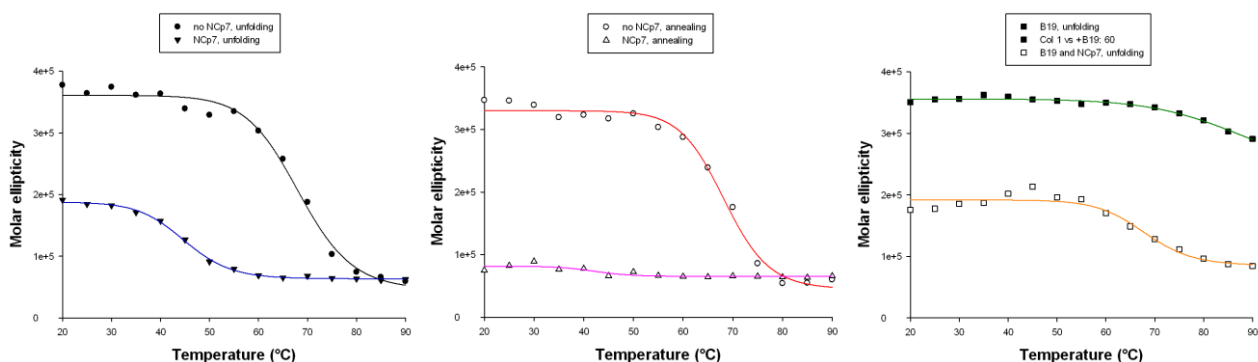


Figure S2. CD melting/annealing analysis of NCp7-mediated U3 III+IV RNA G4 unfolding. CD melting and annealing curves of the G4-folded RNA U3 III+IV (left panel) and in the presence of 10-fold excess of NCp7 in 50 mM K^+ (middle panel). CD melting curves of the G4-folded RNA U3 III+IV in the presence of the G4-ligand B19 (8 μ M)

and in the presence of NCp7 (10x). The molar ellipticity at the peak wavelength (265 nm) is shown as a function of the temperature.