S1. Scatchard plots used to analysis the binding behavior for TMPyP4 and G4 in the presence of 0, 10 mM, and 100 mM K⁺.
S2. Steady-state absorption spectra of TMPyP4 (~ $5 \times 10^{-6}$ M) in 10 mM Tris-HCl buffer (pH = 7.2) titrated with (TTAGGG)$_4$ (0 ~ $5.5 \times 10^{-6}$ M along an arrow) in the presence of (a) 200 mM, and (c) 300 mM K$^+$. Insets show the enlarged pattern of the Soret band. The Scatchard binding plots at 422 nm used to determine the binding numbers in the presence of (b) 200 mM K$^+$ (n=2.0) and (d) 300 mM K$^+$ (n=1.2).