High-energy long-lived emitting mixed excitons in homopolymeric adenine-thymine DNA duplexes

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SUPPORTING INFORMATION

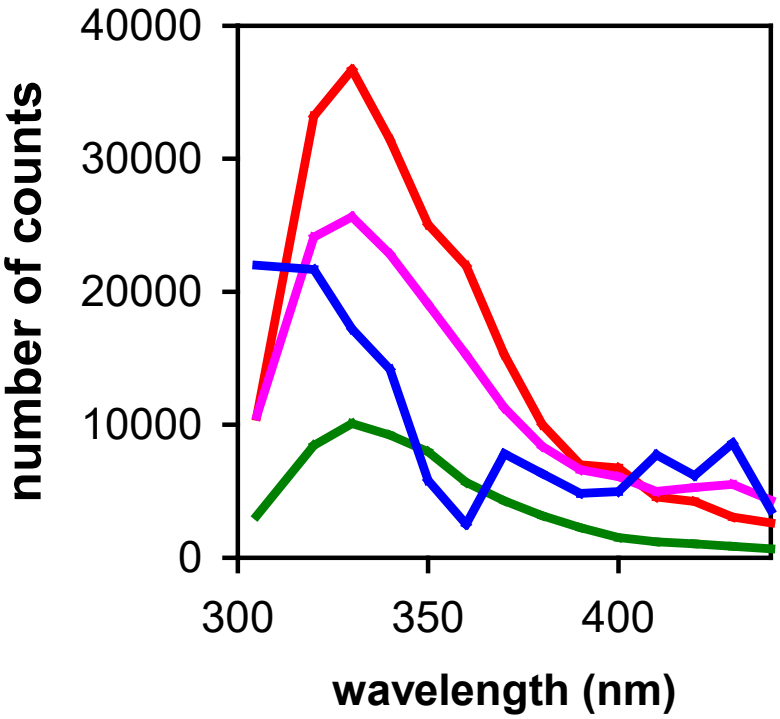

Figure S1. Time-resolved fluorescence spectra, non-corrected for the response of the detection system, determined for pA•pT by integrating the photons emitted on four time-windows: -10 -10 ps (green), 10 – 100 ps (pink), 0.1 -1 ns (red), and 1 - 10 ns (blue).

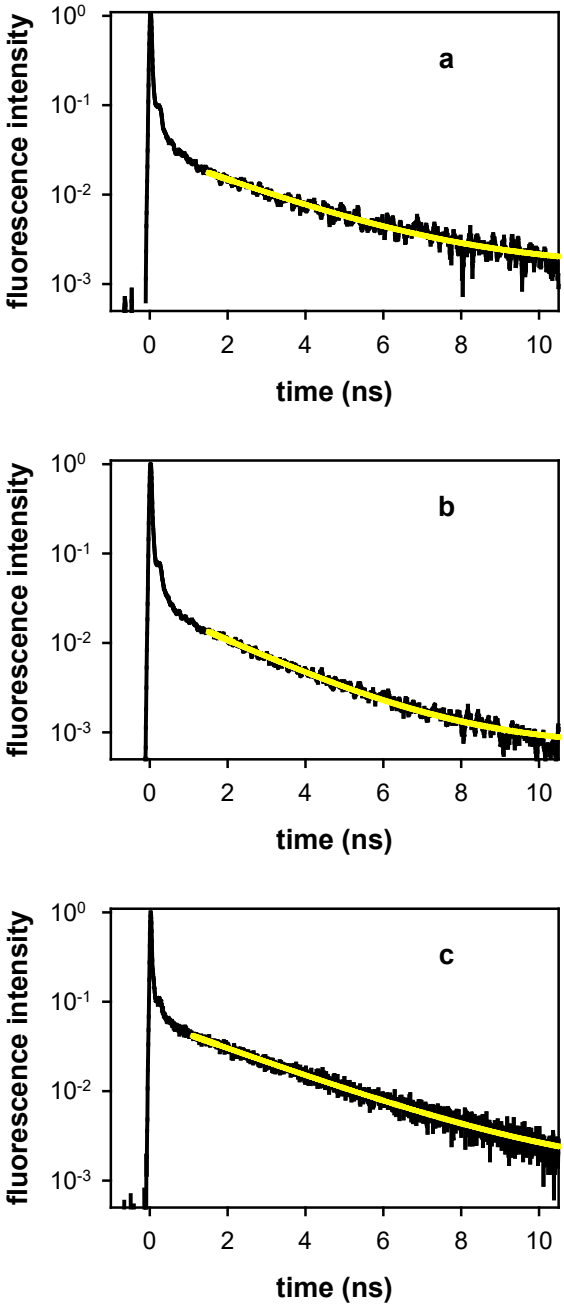

Figure S2. Fits of the fluorescence decays recorded at 305 nm with mono-exponential functions performed on the 1.5 – 10.5 ns range. (a) pA•pT, excitation wavelength: 267 nm; (b) pA•pT, excitation wavelength 285 nm; (b) A_{20}•T_{20}, excitation wavelength: 285 nm.