Supporting Information

Oligodeoxynucleotides containing multiple thiophene-modified isomorphic fluorescent nucleosides

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S1 Spectra and graphs

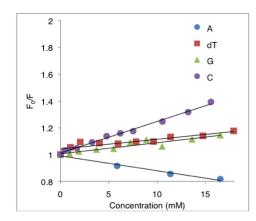


Figure S1.1. Stern-Volmer plot of the fluorescence intensity of **1** in the presence of increasing concentrations of each native nucleotide (AMP, dTMP, GMP, and CMP) in water.

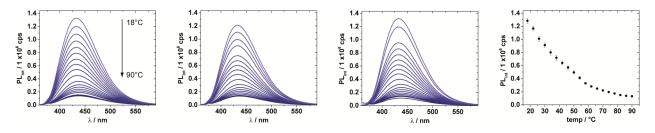


Figure S1.2. Temperature dependent fluorescence spectra for ds **4**•**6** in triplicate, and a plot of the change in fluorescence intensity at 433 nm as a function of temperature.

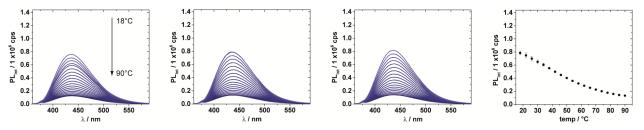


Figure S1.3. Temperature dependent fluorescence spectra for ss **4** in triplicate, and a plot of the change in fluorescence intensity at 433 nm as a function of temperature.

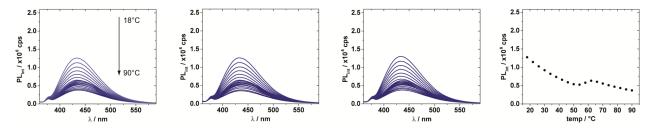


Figure S1.4. Temperature dependent fluorescence spectra for ds **5**•**7** in triplicate, and a plot of the change in fluorescence intensity at 433 nm as a function of temperature.

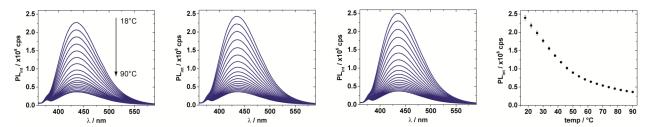


Figure S1.5. Temperature dependent fluorescence spectra for ss **5** in triplicate, and a plot of the change in fluorescence intensity at 433 nm as a function of temperature.

S.2 NMR Spectra

