

Electronic supplementary information

Fluorescence Properties of 2-Aminopurine in Human Telomeric DNA

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CD spectra of Ap modified and unmodified human telomeric quadruplexes

The circular dichroism (CD) spectra were recorded using a Jasco J-700 spectrophotometer. The CD measurements were performed using a fluorescence cell with a 10-mm path length.

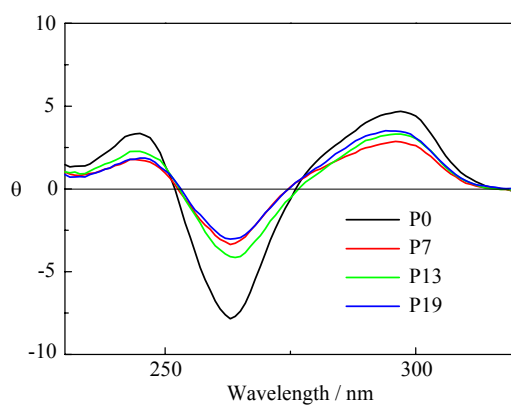


Figure 1. CD spectra of the P0, 7, 13 and 19 quadruplexes at 8 °C. Sample solutions contained 100 mM ODN (base conc.), 50 mM sodium-phosphate buffer (pH7.0), and 100 mM sodium chloride.