

Title: Effects of polyamine binding on stability of DNA i-motif structures

Authors: Michael M. Molnar[†], Shelby C. Liddell^{††}, and Randy M. Wadkins*

^{†,††}, *Department of Chemistry and Biochemistry, University of Mississippi, University, MS 38677, USA

Supplementary material: Figure S1

Mail Address for all authors: 409 Coulter Hall, University, MS 38677

Telephone: +1-662-915-7732

Email: rwadkins@olemiss.edu

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Figure S1. The change in absorbance for fully folded C6T i-motif DNA at 20 °C and fully unfolded DNA at 80 °C. The observed changes were used to measure T_m values via UV-Visible spectroscopy. The folded form is indicated by the solid line while the unfolded form is indicated by the dashed line. Spectra were recorded for 4 μ M C6T DNA in 30 mM cacodylate buffer, pH 5.4. Spectral changes are readily reversible upon heating and cooling. The absorbance at 260 nm was used to determine T_m values reported here.

