Supporting Information for:

The Effect of ${\rm Mg}^{2^+}$ Cations on the Dynamics and Efficiency of Hole Transport in DNA

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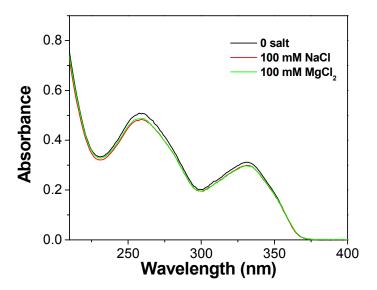


Figure 1S. Absorption spectra of hairpin A_3G_3 in 10 mM sodium phosphate buffer (pH 7.2) with no added salt and with 100 mM NaCl and 100 mM MgCl₂.

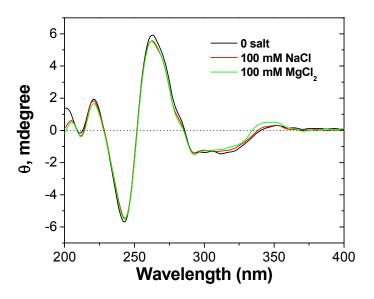


Figure 2S. Circular dichroism spectra of hairpin A_3G_3 in 10 mM sodium phosphate buffer (pH 7.2) with no added salt and with 100 mM NaCl and 100 mM MgCl₂.