Figure S1. Imino region of the NOESY spectra of [Ac-Cys-Gly-Ala-Hse(p^3'dGCATGC)-Ala-OH]_2[S-S] in H$_2$O (100mM NaCl, T=5°C, pH=7, $\tau_m=200$ ms).
Figure S2. NMR and UV melting curves of [Ac-Cys-Gly-Ala-Hse(p³dGCATGC)-Ala-OH]₂[S-S]. Top: Chemical shift variation versus temperature for H5C2 and H2A3. Middle: Chemical shift variation of the thymine methyl resonance. Nucleopeptide concentrations are 1 mM (solid lines), and 0.1 mM (dashed lines). Bottom: UV melting curve at 2 µM nucleopeptide concentration.
### Table S1. $^1$H-NMR assignments of [Ac-Cys-Gly-Ala-Hse(p$^3'$dCGATCG)-Ala]-[p$^3'$dCGATGC] (100mM NaCl, T=5°C, pH=7).

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*Acetyl terminal group = 1.82 ppm*