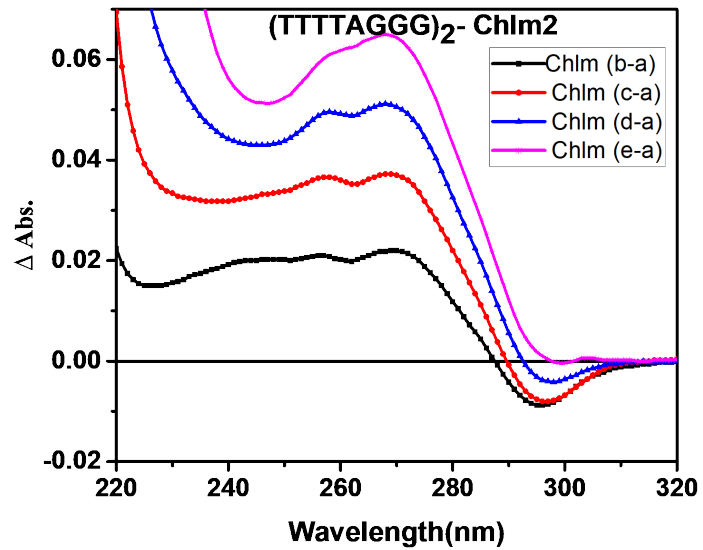
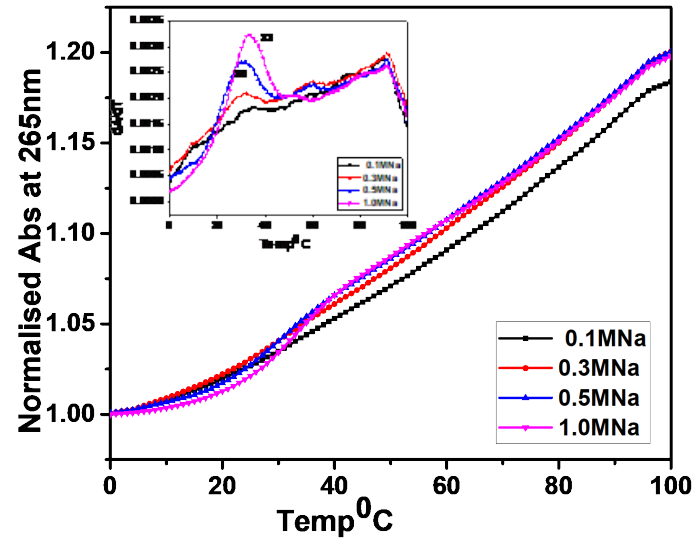


Supplementary Figure 1(S1): CD melting profile of $(T_4AG_3)_2$ [Chlm2] at $10\mu\text{M}$ strand concentration in 20mM sodium cacodylate (pH 7.4), 0.1mM EDTA containing 0.1M NaCl at 280nm and 255nm.



Supplementary Figure 2(S2): Differential absorbance spectra of Chlm2 obtained as a result of arithmetic difference between high and low temperature absorbance spectra where a=20°C, b= 40°C, c=60°C, d=80°C, e= 100°C



Supplementary Figure 3(S3): Thermal denaturation profile of $(T_4AG_3)_2$ [Chlm2] at 5 μ M strand concentration in 20mM sodium cacodylate (pH 7.4), 0.1mM EDTA containing (—■—) 0.1M, (— \circ —) 0.3M, (—*—) 0.5M and ((— \blacktriangledown —)) 1M NaCl, monitored at 265nm