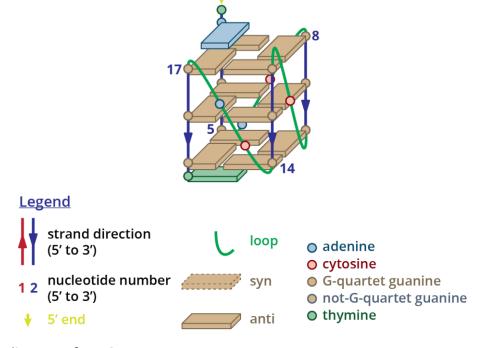
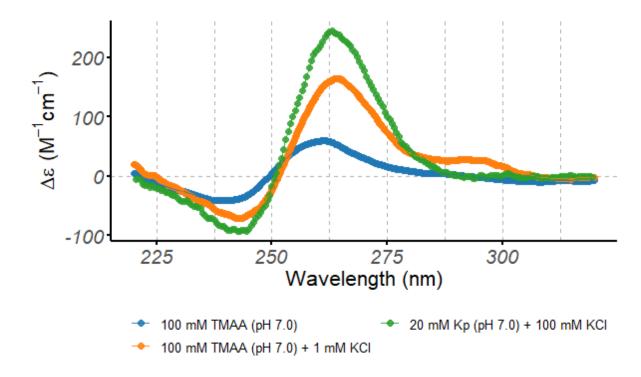
<u>5NYS</u>

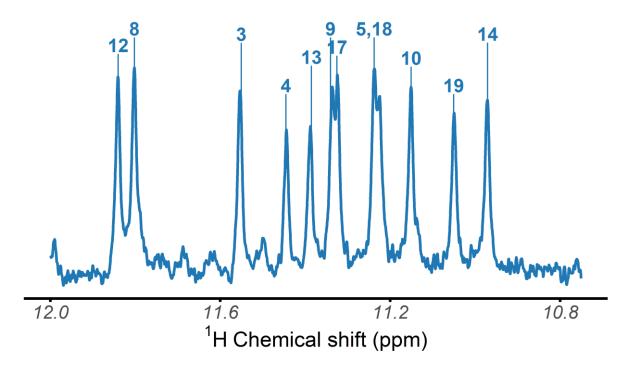
Sequence (5' to 3')  $\epsilon_{260nm}~(M^{-1}cm^{-1})$  DOI TAGGGACGGGCAGGGT 198600 10.1093/nar/gky250



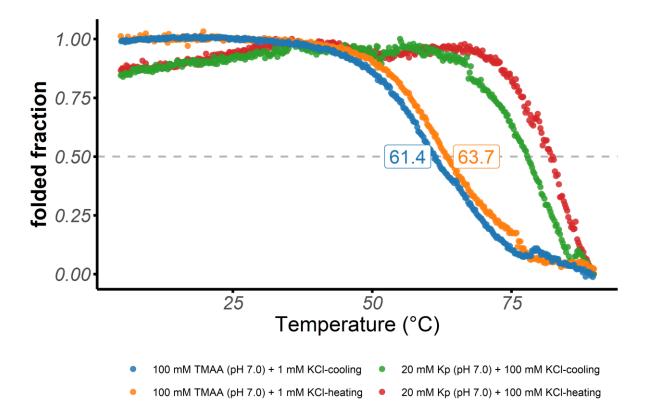
Structure diagram of 5NYS



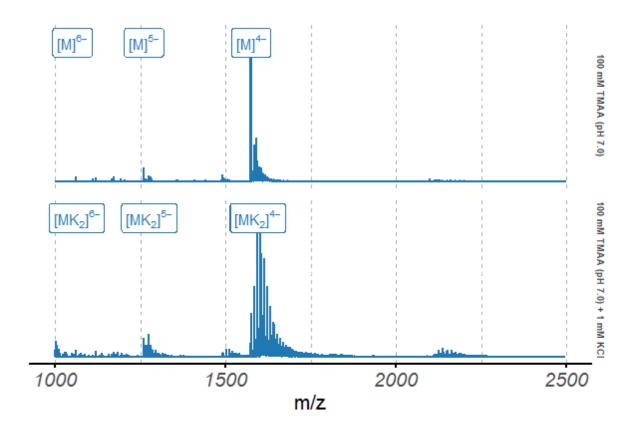
Circular dichroism spectra of the 5NYS oligonucleotide (10  $\mu$ M), acquired at 25°C in 0.4-cm path-length cuvettes



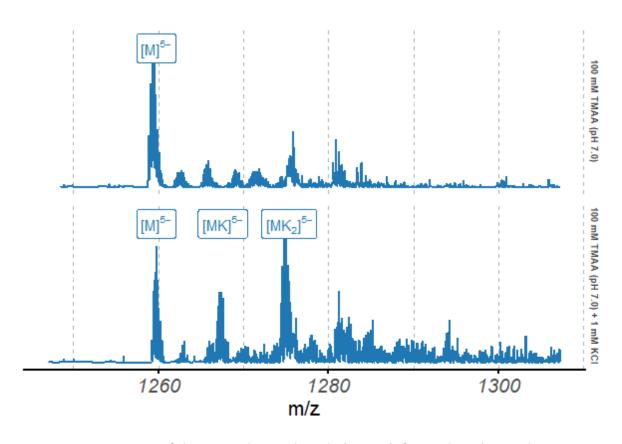
 $^{1}$ H-NMR spectrum of the 5NYS oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



Folded fraction of the 5NYS oligonucleotide as a function of temperature, determined by UV-melting ( $\lambda$  = 295 nm)



Native ESI-MS spectra of the 5NYS oligonucleotide (10  $\mu$ M)



Native ESI-MS spectra of the 5NYS oligonucleotide (10  $\mu$ M), focused on the 5 $^-$  charge state