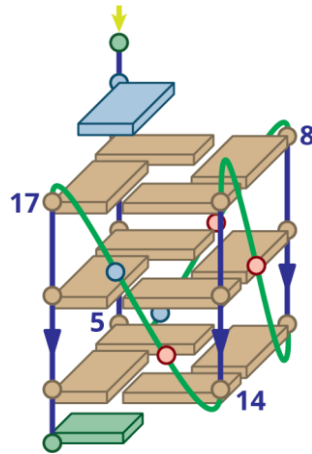


5NYS

Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
TAGGGACGGGCGGGCAGGGT	198600	10.1093/nar/gky250



Legend

↑ ↓ strand direction (5' to 3')

1 2 nucleotide number (5' to 3')

↓ 5' end

loop

syn

anti

ligand

● adenine

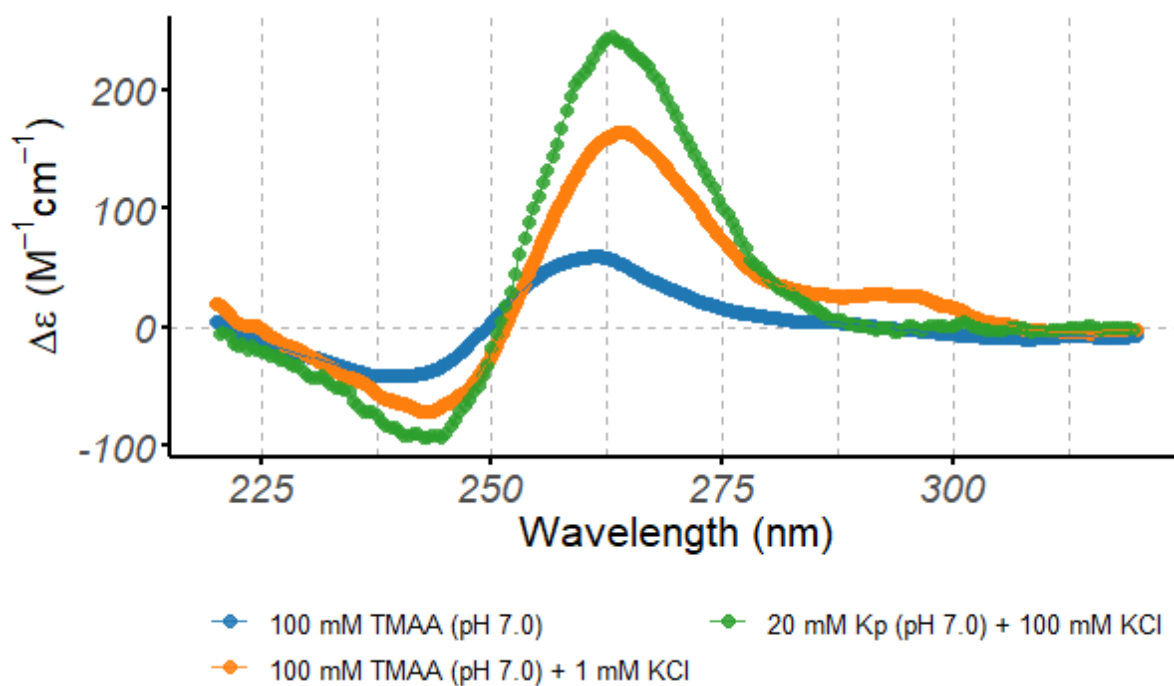
● cytosine

● G-quartet guanine

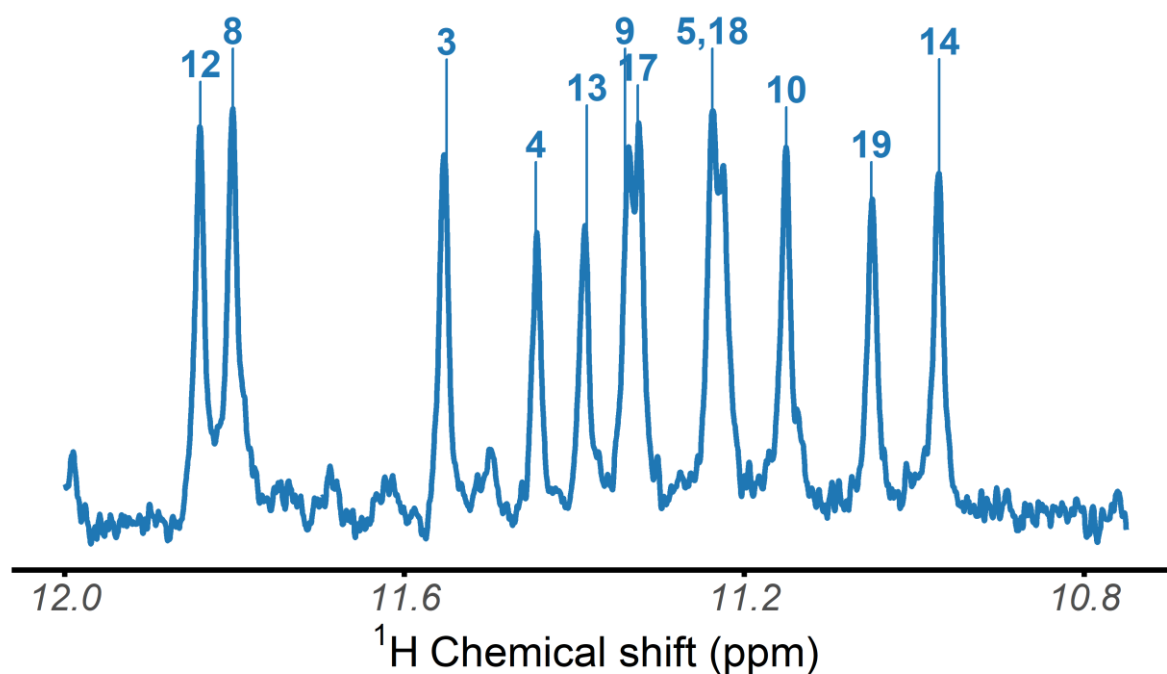
● not-G-quartet guanine

● thymine

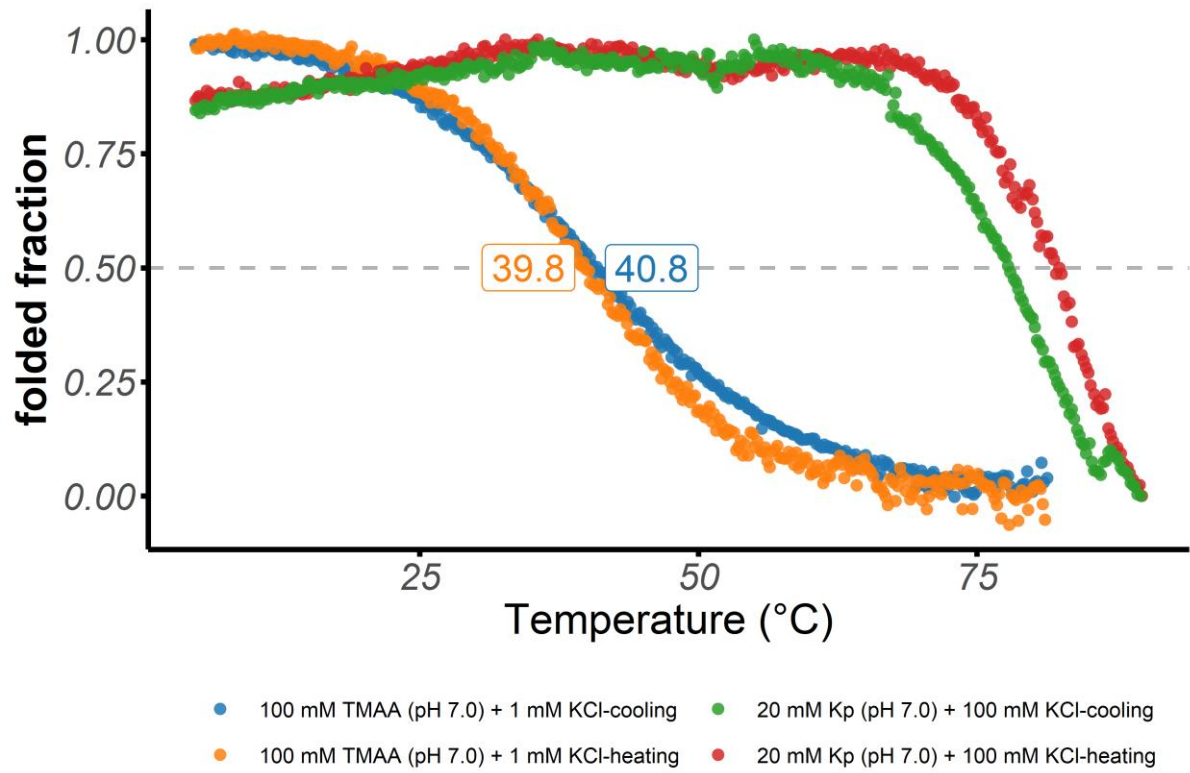
Structure diagram of 5NYS



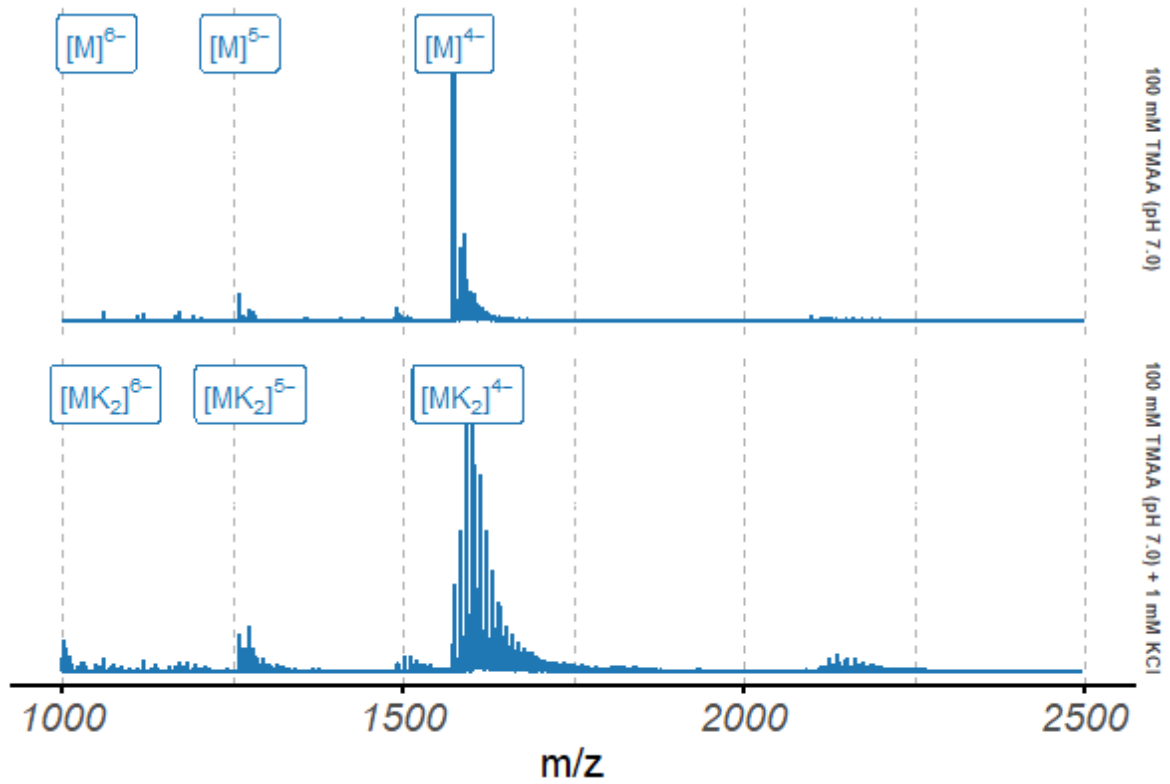
Circular dichroism spectra of the 5NYS oligonucleotide (10 μ M), acquired at 25°C in 0.4-cm path-length cuvettes



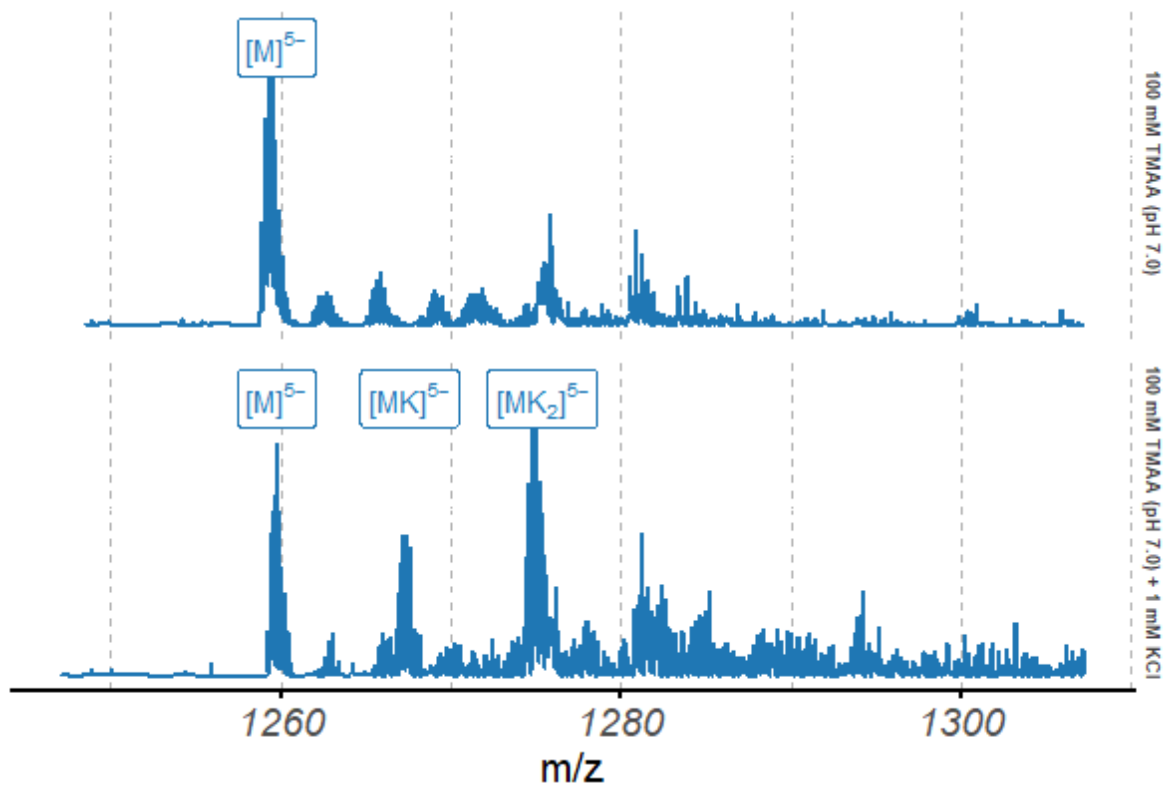
¹H-NMR spectrum of the 5NYS oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



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



Native ESI-MS spectra of the 5NYS oligonucleotide (10 μ M)



Native ESI-MS spectra of the 5NYS oligonucleotide (10 μ M), focused on the 5⁻ charge state