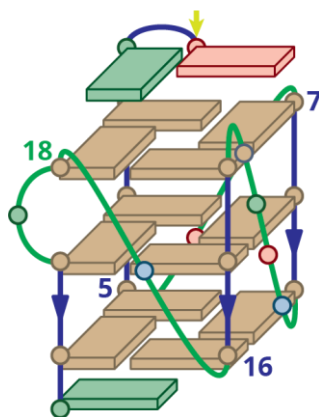


2N4Y

Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
CTGGGCGGGACTGGGGAGTGGT	211200	10.1093/nar/gkw432



Legend

↑↓ strand direction
(5' to 3')

1 2 nucleotide number
(5' to 3')

↓ 5' end

loop

syn

anti

ligand

● adenine

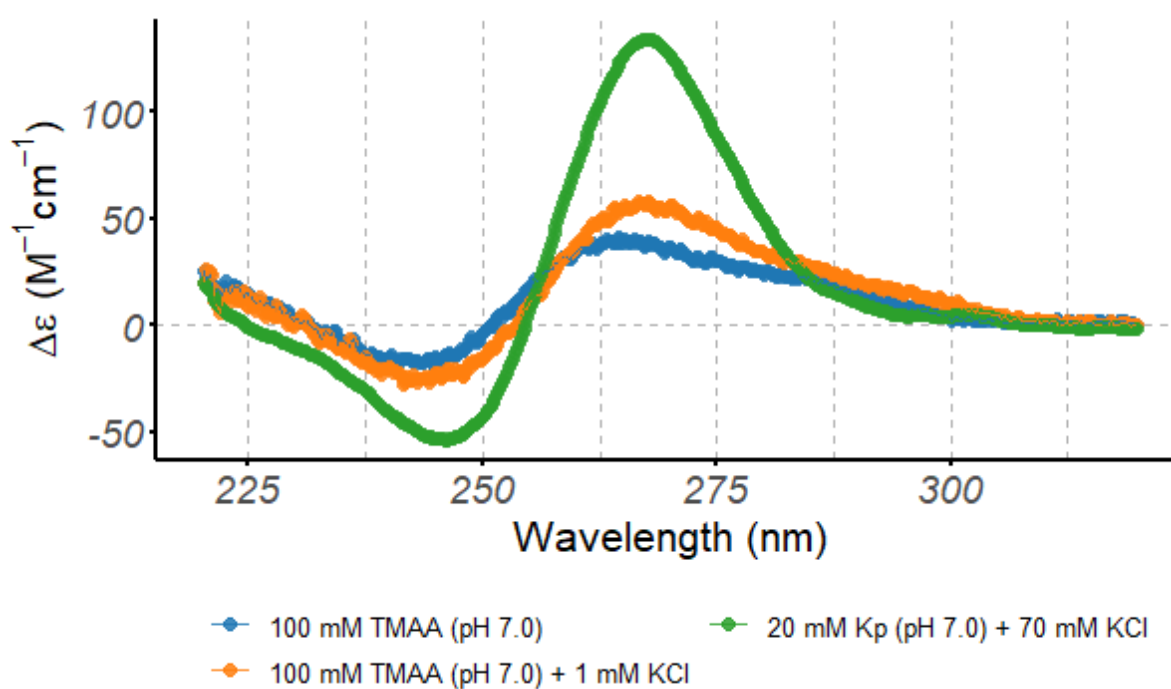
● cytosine

● G-quartet guanine

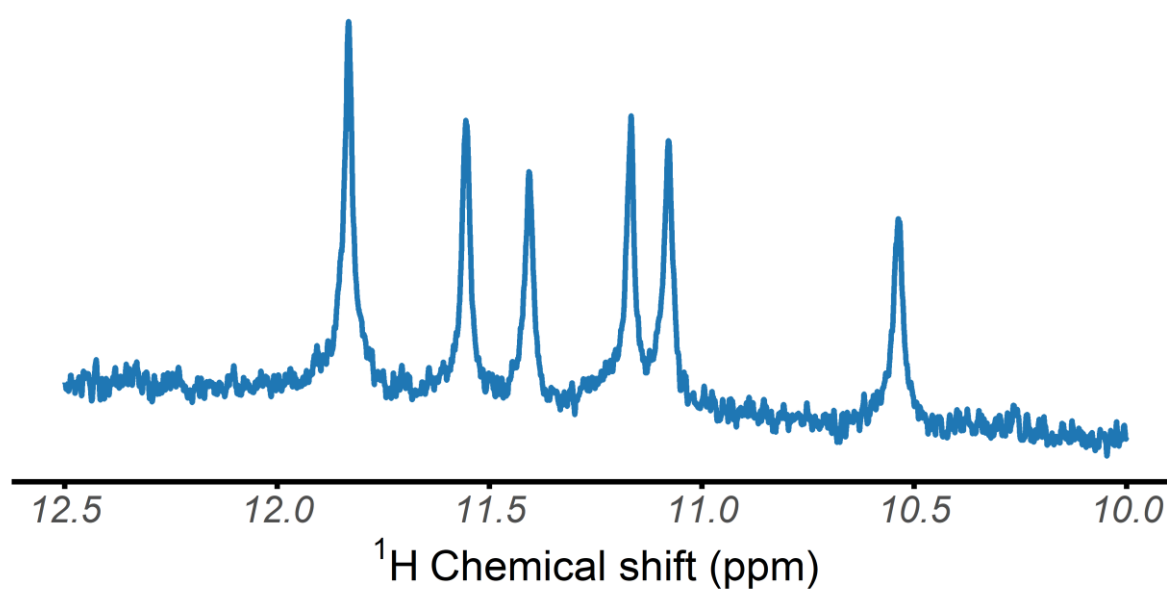
● not-G-quartet guanine

● thymine

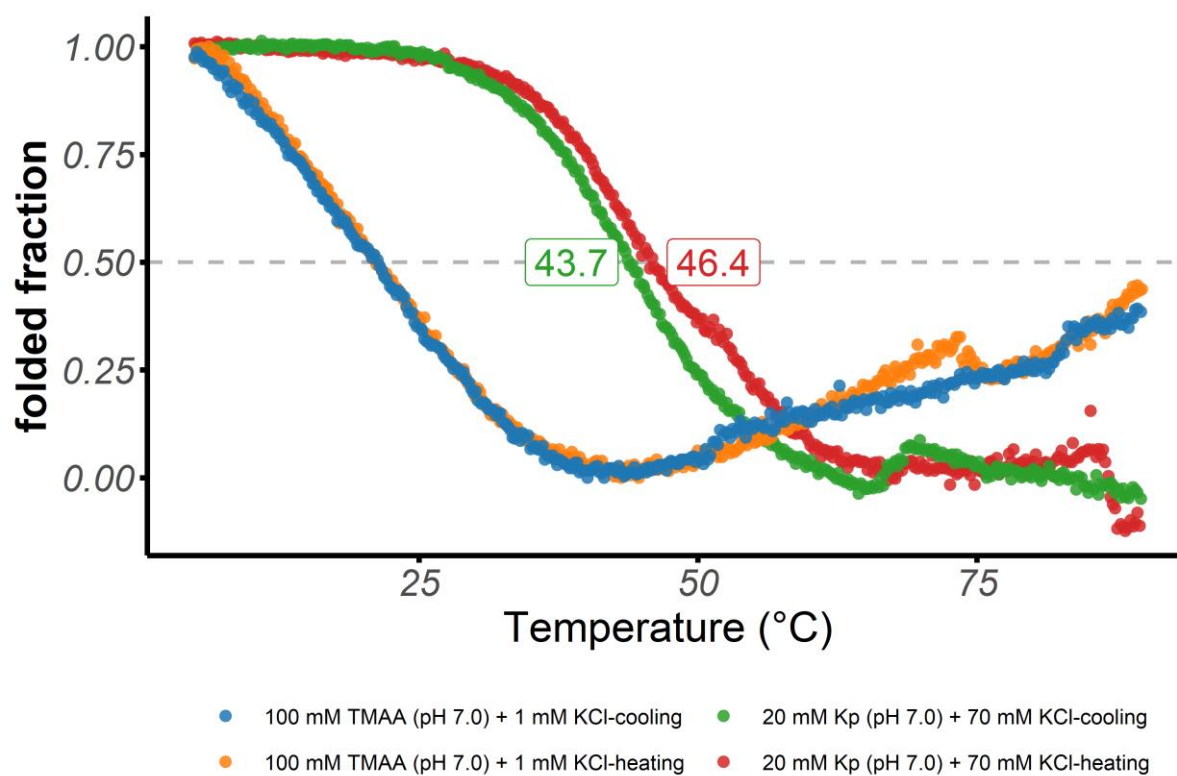
Structure diagram of 2N4Y



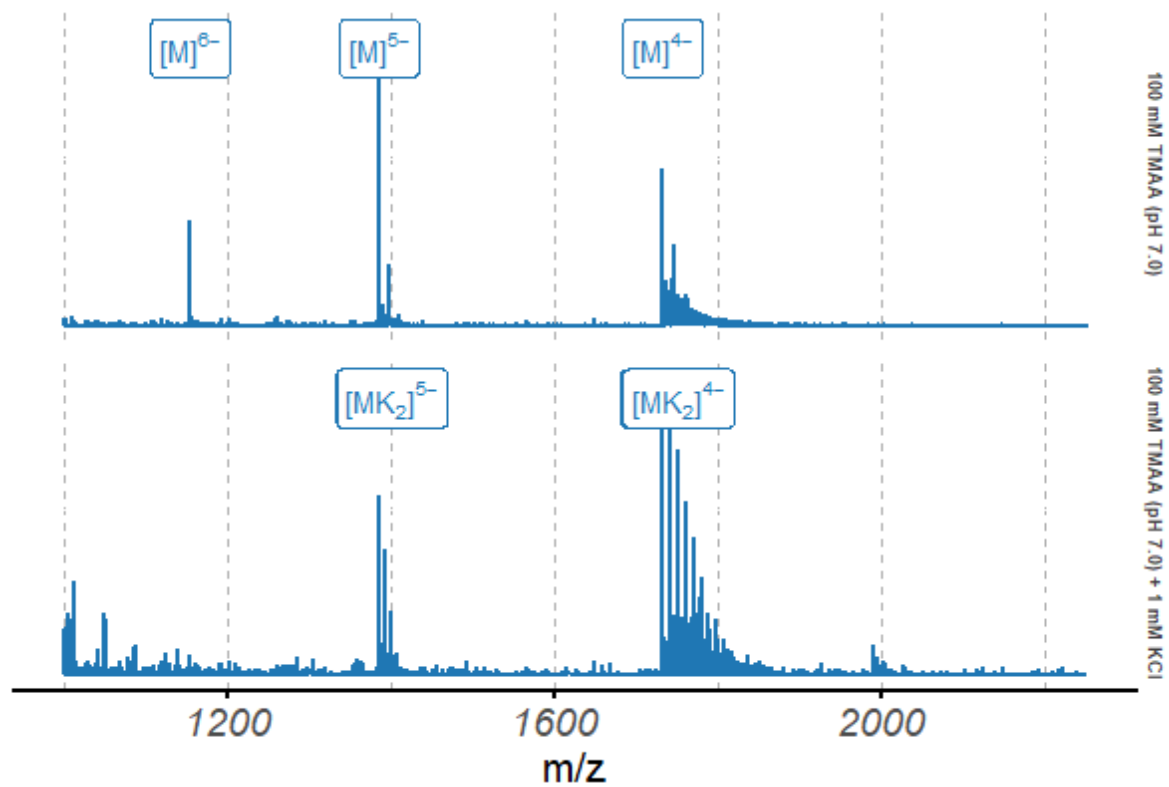
Circular dichroism spectra of the 2N4Y oligonucleotide (10 μM), acquired at 25°C in 0.4-cm path-length cuvettes



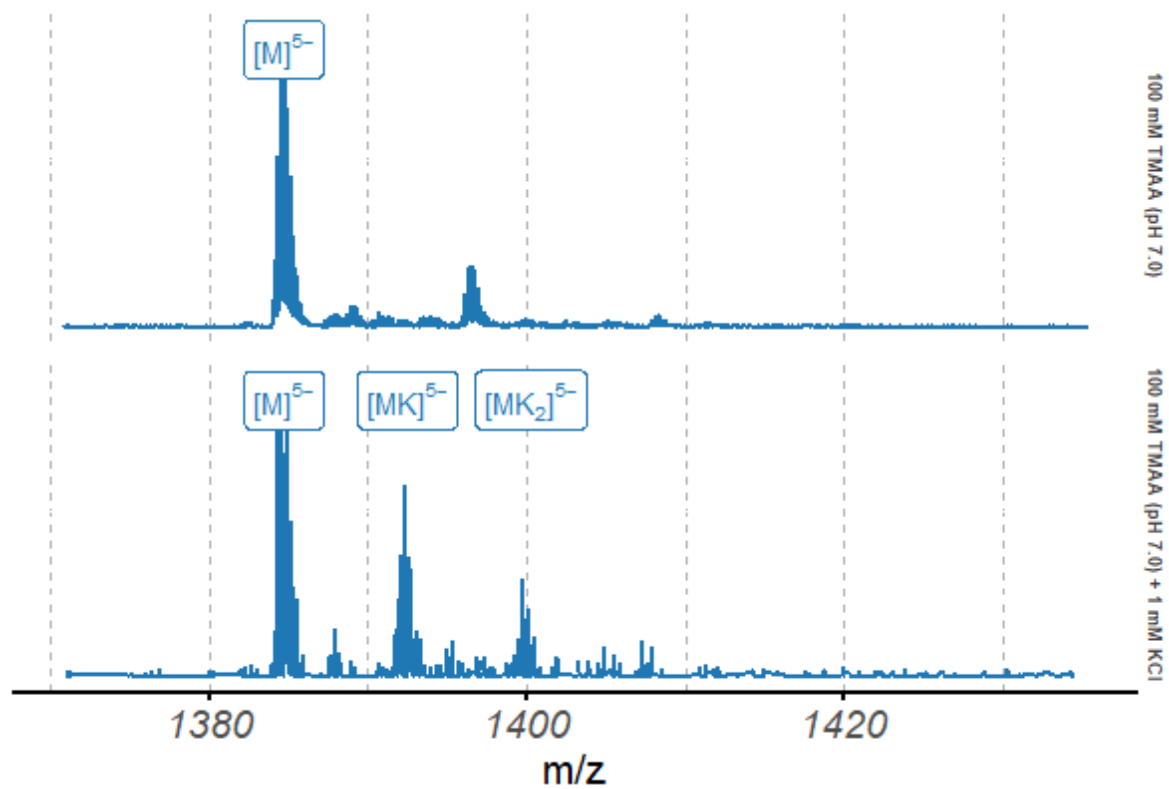
^1H -NMR spectrum of the 2N4Y oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



Folded fraction of the 2N4Y oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)



Native ESI-MS spectra of the 2N4Y oligonucleotide (10 μ M)



Native ESI-MS spectra of the 2N4Y oligonucleotide (10 μ M), focused on the 5^- charge state