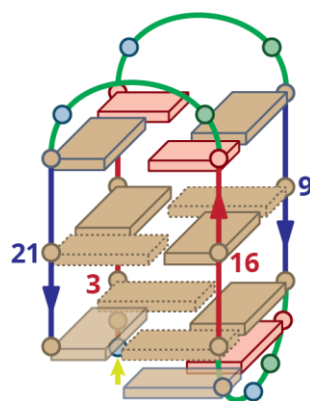




2KM3

Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
AGGGCTAGGGCTAGGGCTAGGG	220400	10.1093/nar/gkp630



Legend

  strand direction
(5' to 3')

1 **2** nucleotide number
(5' to 3')

 5' end

 loop

 syn

 anti

 ligand

 adenine

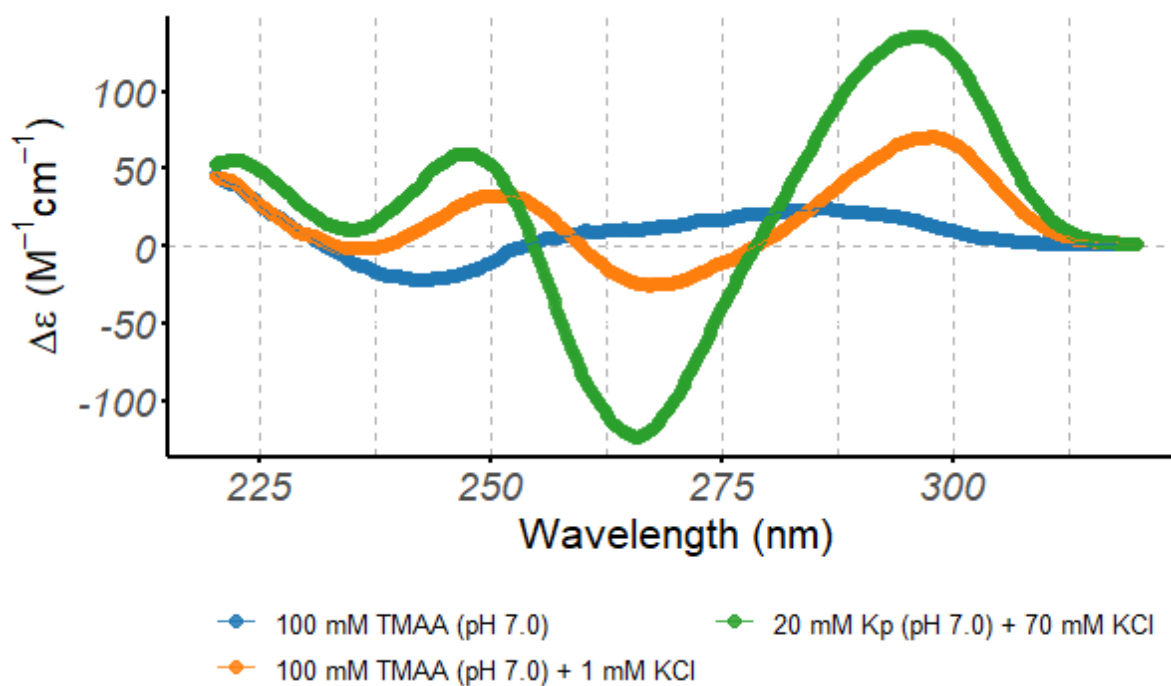
 cytosine

 G-quartet guanine

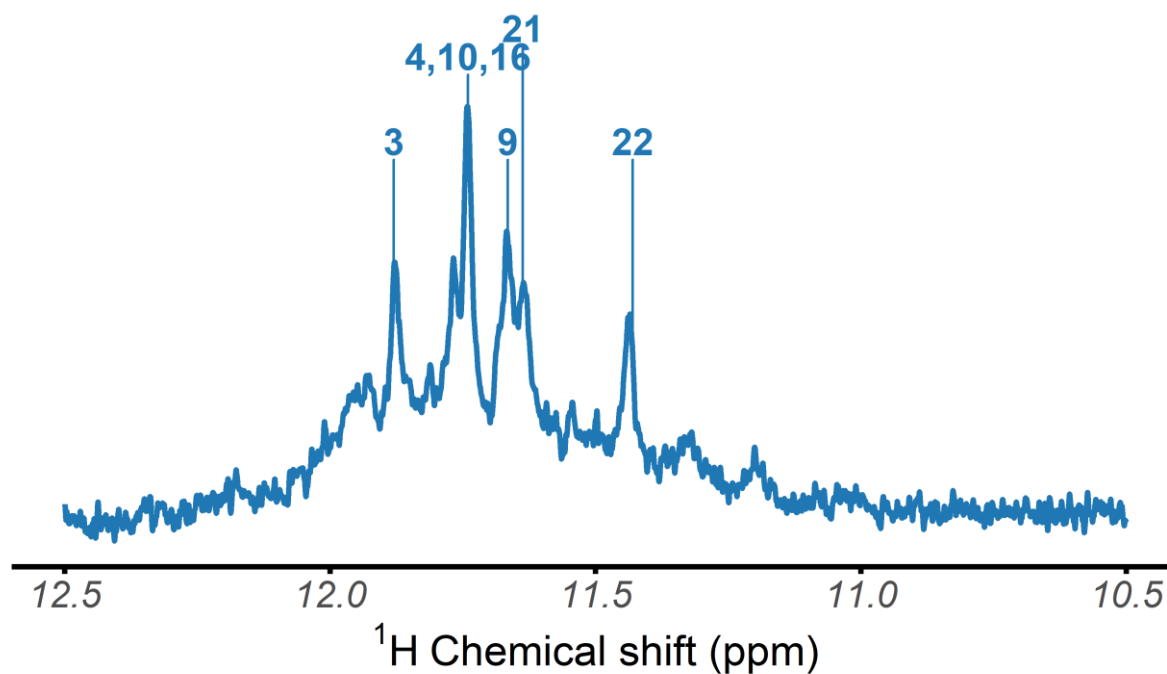
 not-G-quartet guanine

 thymine

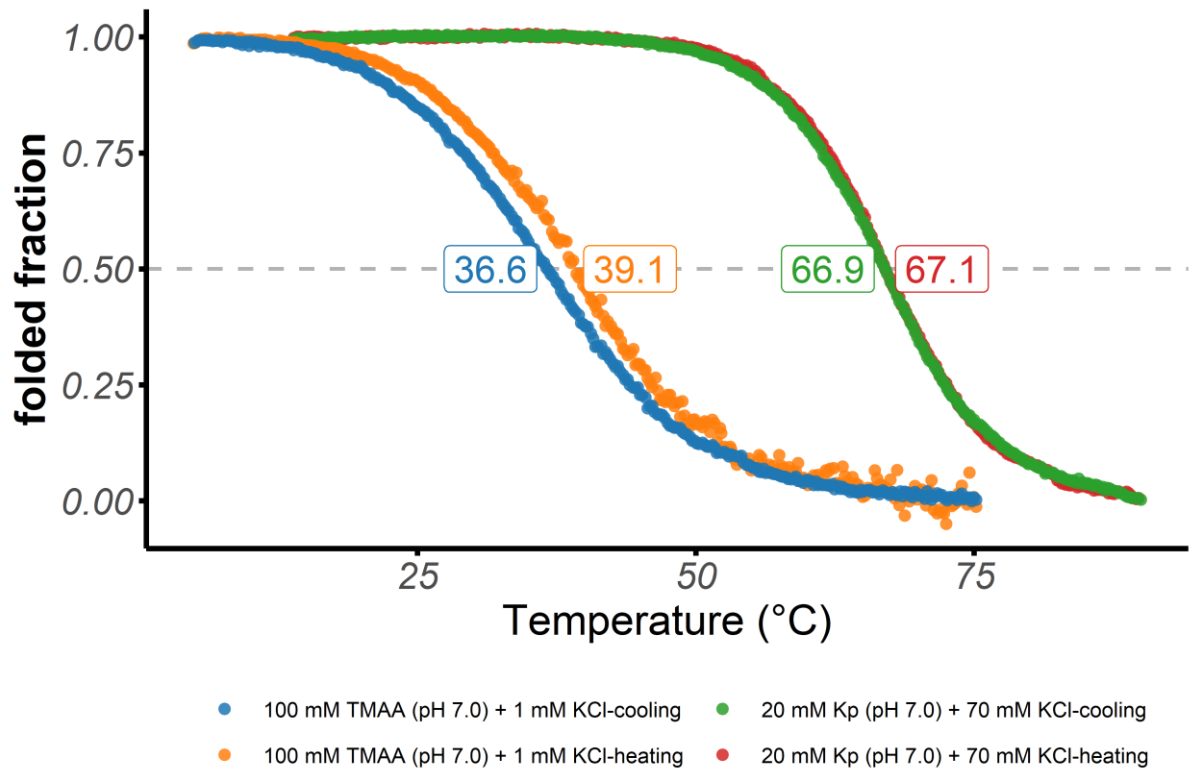
Structure diagram of 2KM3



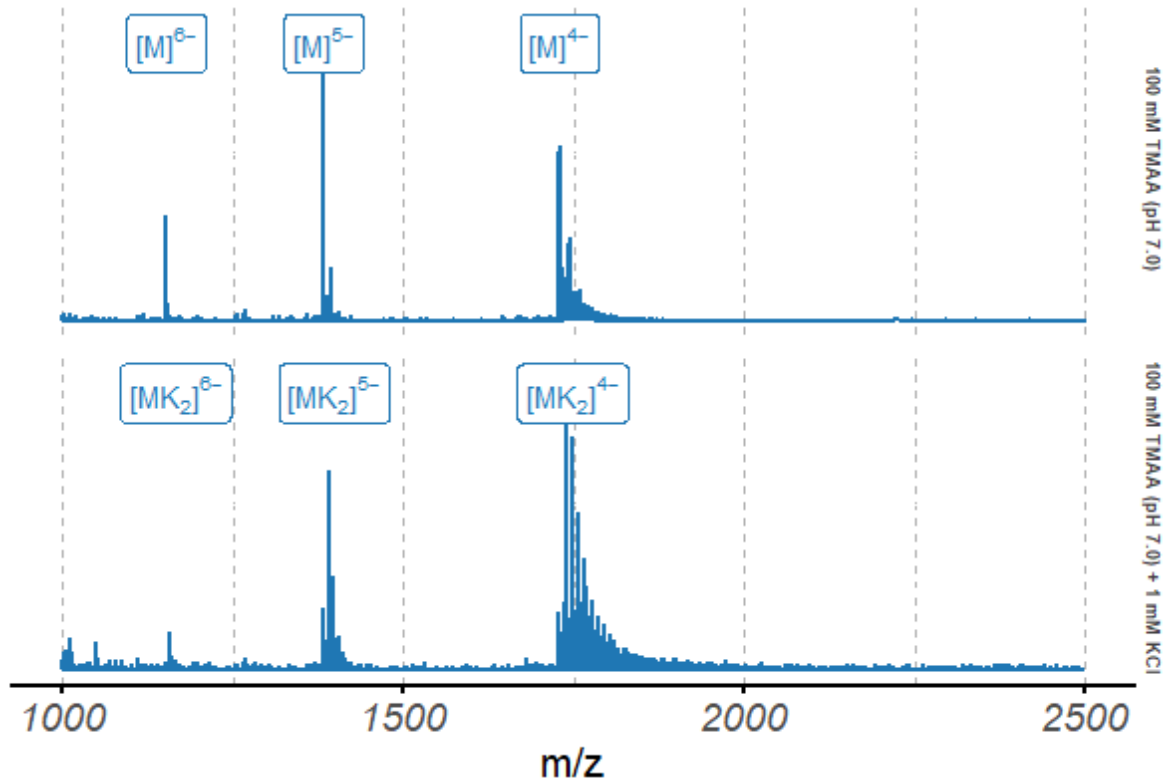
Circular dichroism spectra of the 2KM3 oligonucleotide (10 μ M), acquired at 25°C in 0.4-cm path-length cuvettes



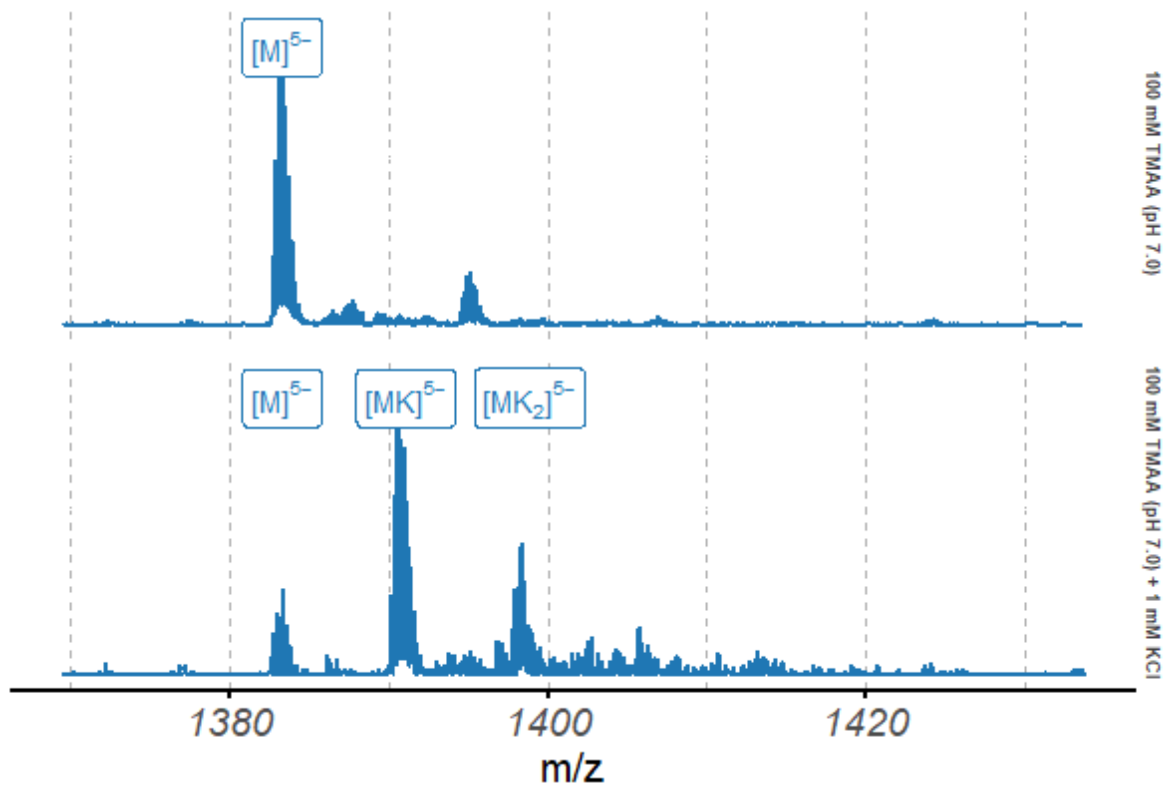
^1H -NMR spectrum of the 2KM3 oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



Folded fraction of the 2KM3 oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)



Native ESI-MS spectra of the 2KM3 oligonucleotide ($10 \mu\text{M}$)



Native ESI-MS spectra of the 2KM3 oligonucleotide ($10 \mu\text{M}$), focused on the 5^- charge state