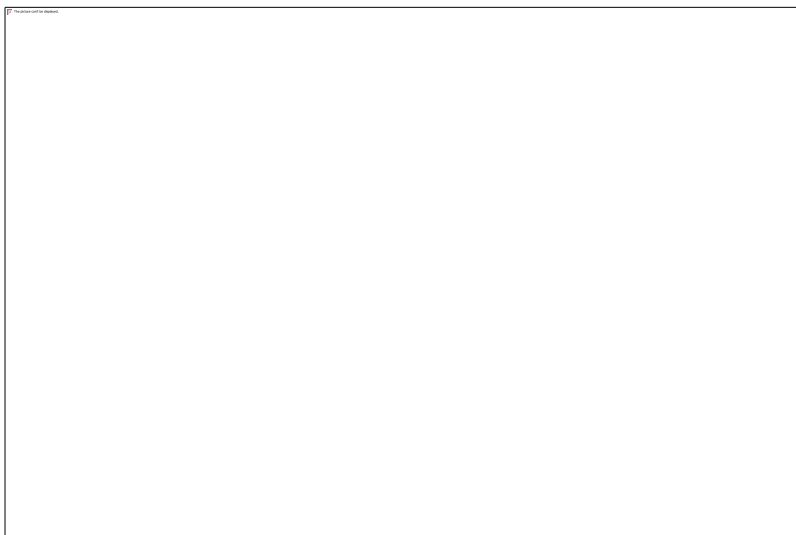




2KYP

Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
CGGGCGGGCGCTAGGGAGGGT	202200	10.1093/nar/gkq558



Legend

 strand direction
(5' to 3')

 nucleotide number
(5' to 3')

 5' end

 loop

 syn


 anti

 adenine

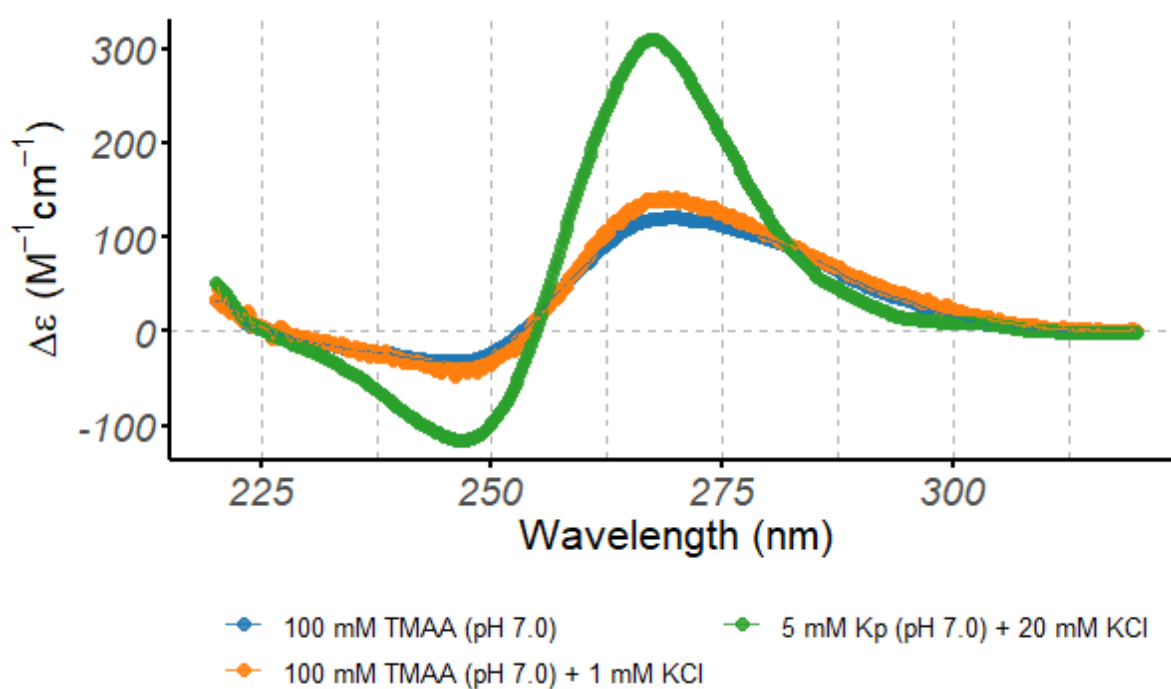
 cytosine

 G-quartet guanine

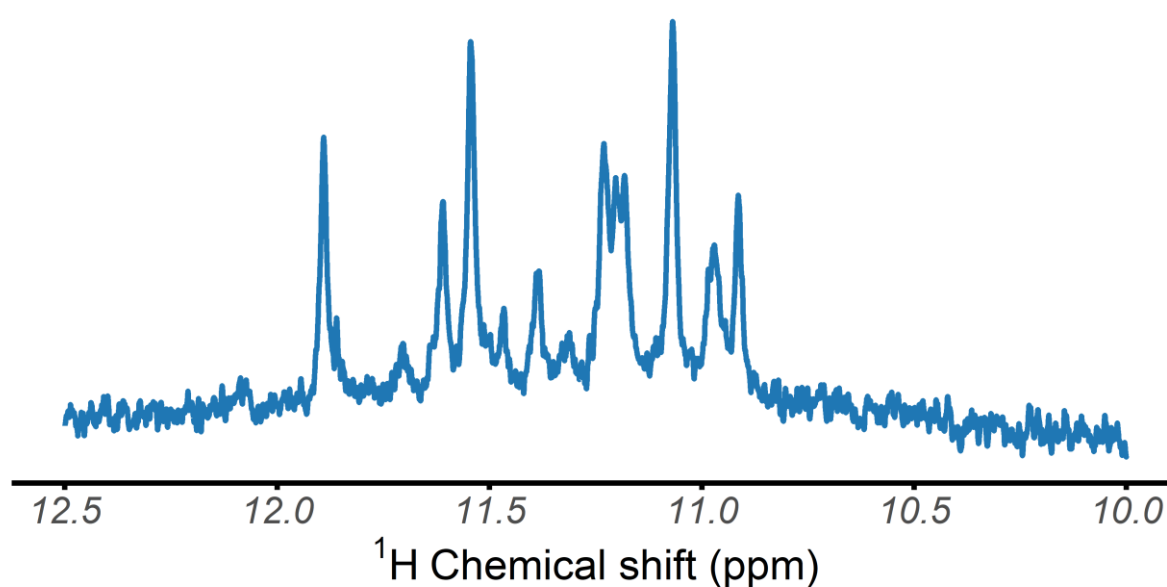
 not-G-quartet guanine

 thymine

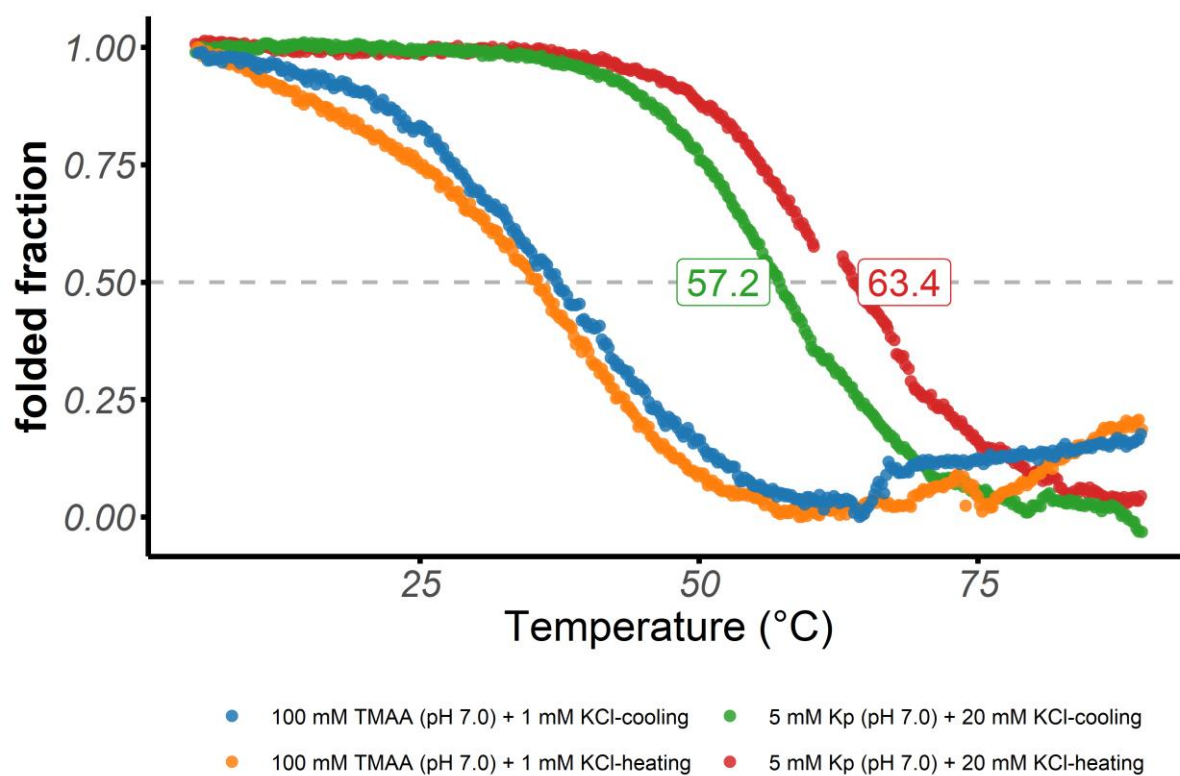
Structure diagram of 2KYP



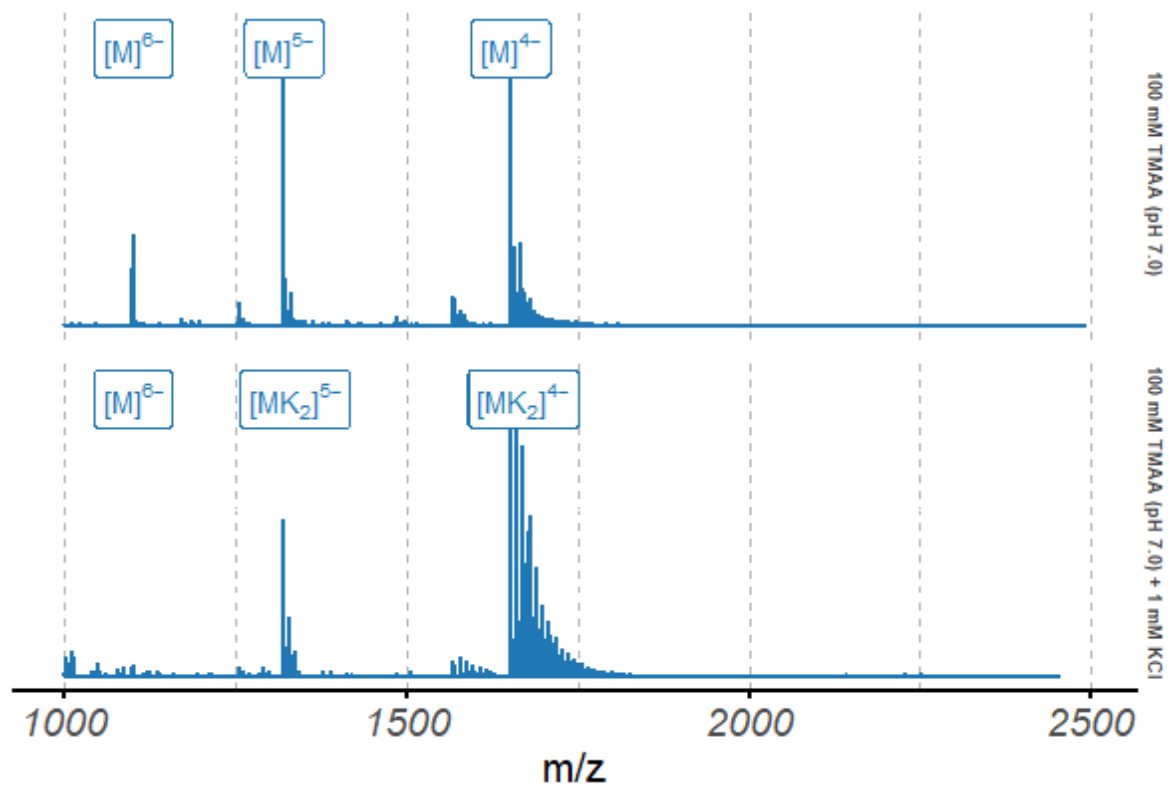
Circular dichroism spectra of the 2KYP oligonucleotide (10 μ M), acquired at 25°C in 0.4-cm path-length cuvettes



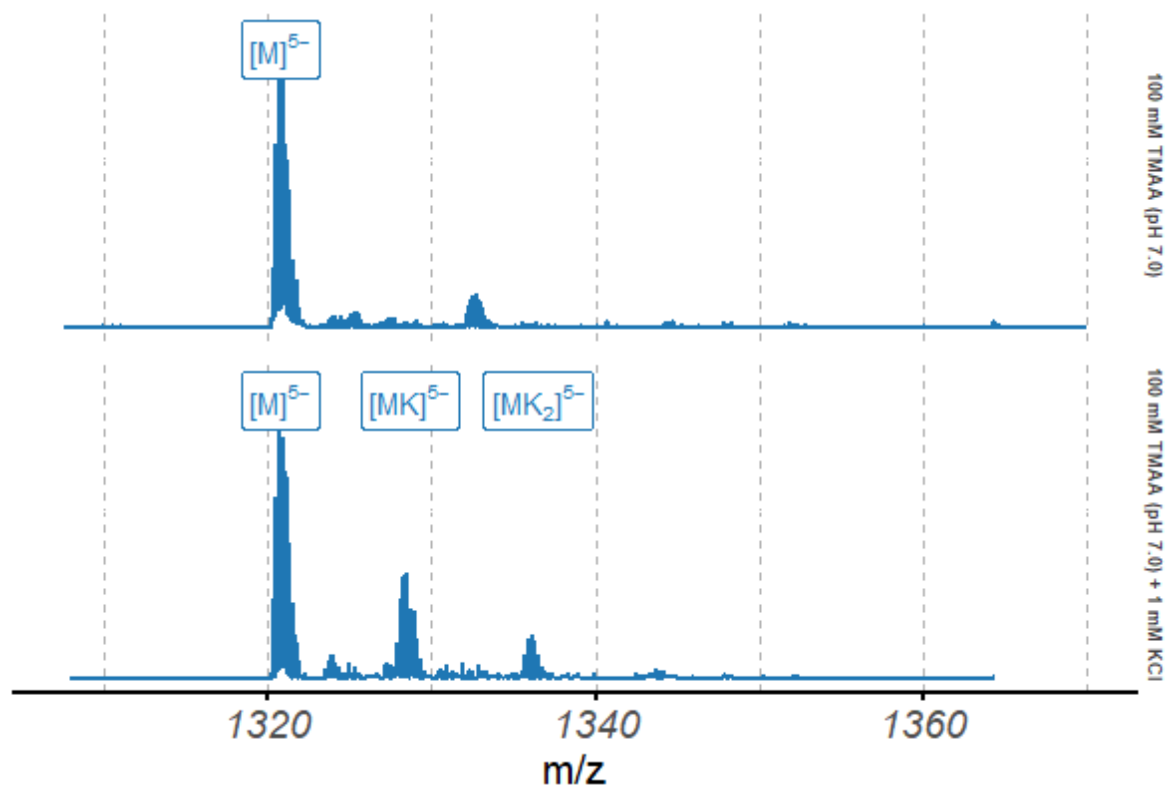
^1H -NMR spectrum of the 2KYP oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



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



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



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