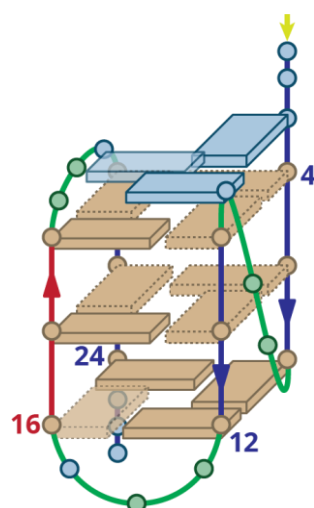


2HY9

| Sequence (5' to 3') | ϵ_{260nm} ($M^{-1}cm^{-1}$) | DOI |
|----------------------------|--|--------------------|
| AAAGGGTTAGGGTTAGGGTTAGGGAA | 278200 | 10.1093/nar/gkm009 |



Legend

↑ ↓ strand direction
(5' to 3')

1 2 nucleotide number
(5' to 3')

↓ 5' end

loop
syn
anti
ligand

● adenine

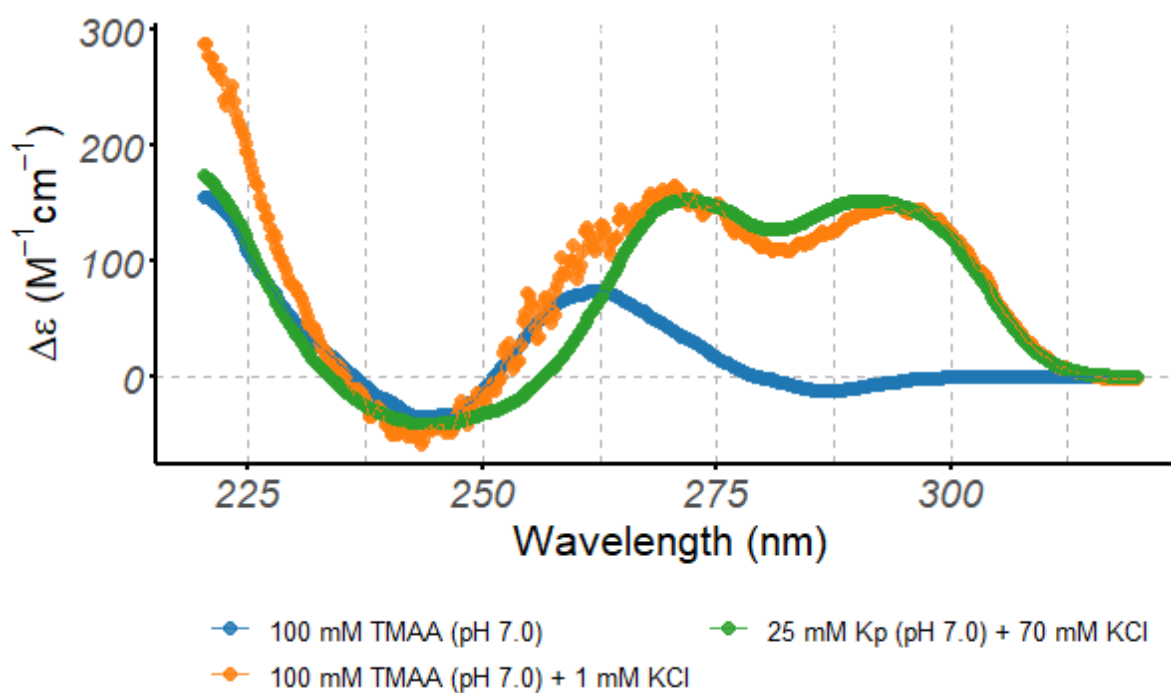
○ cytosine

● G-quartet guanine

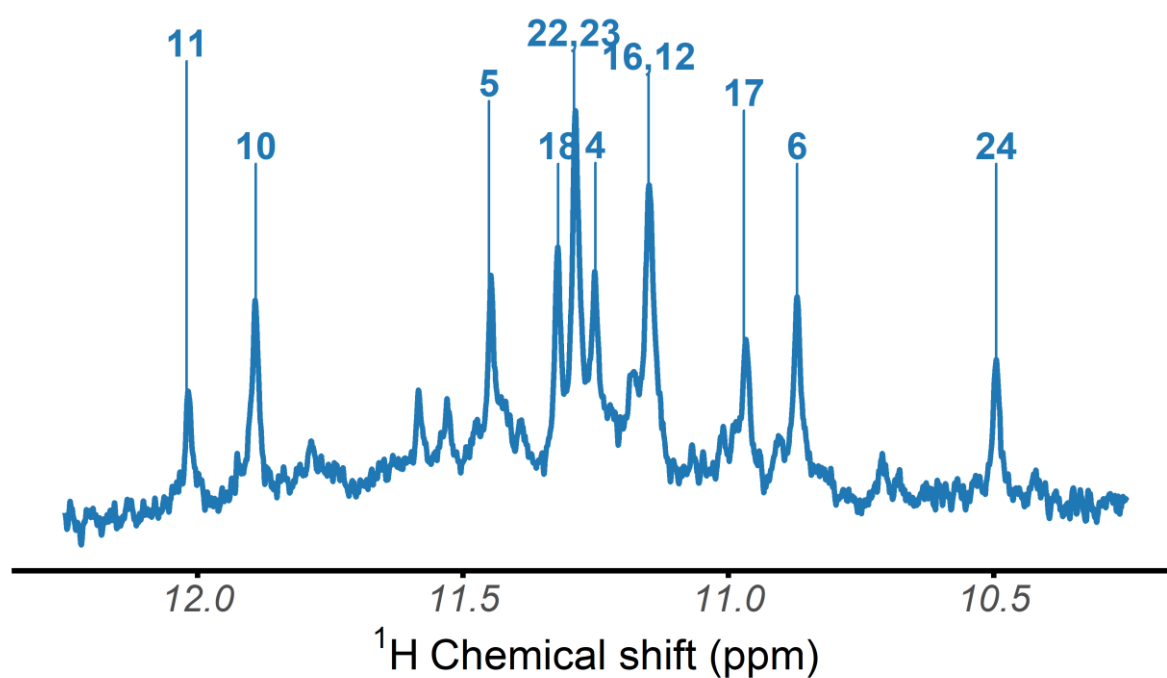
● not-G-quartet guanine

● thymine

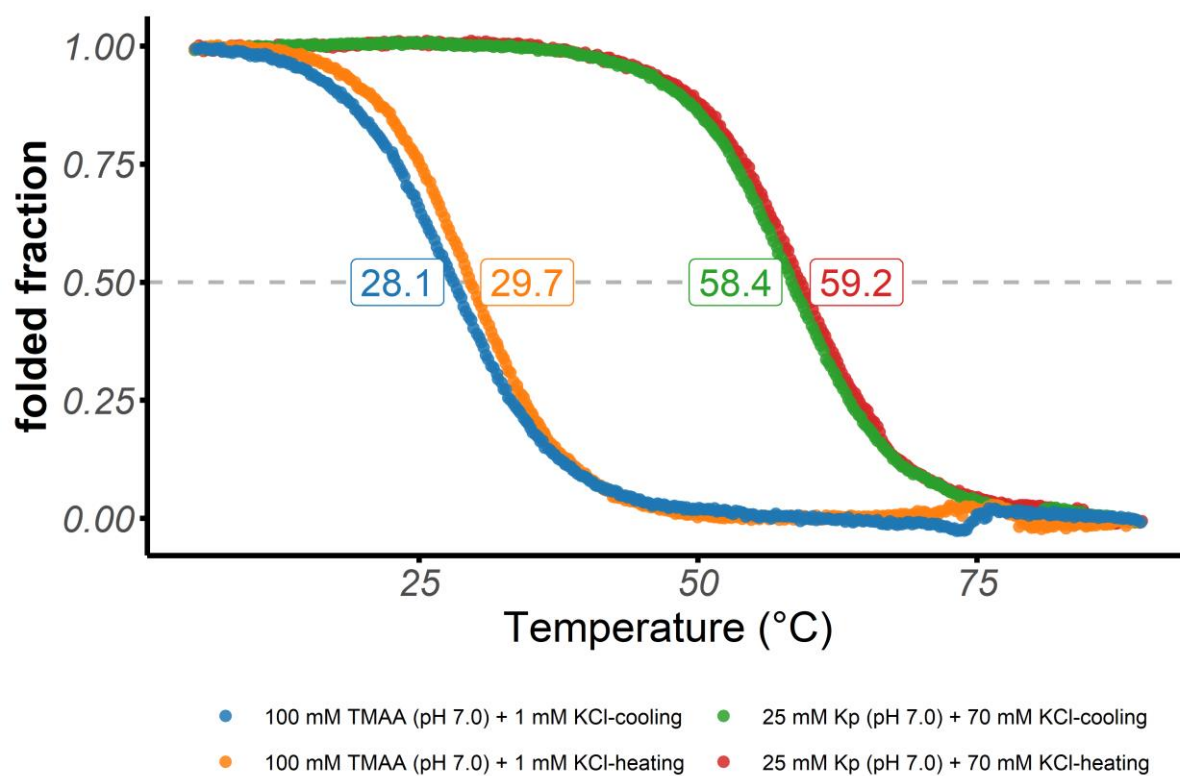
Structure diagram of 2HY9



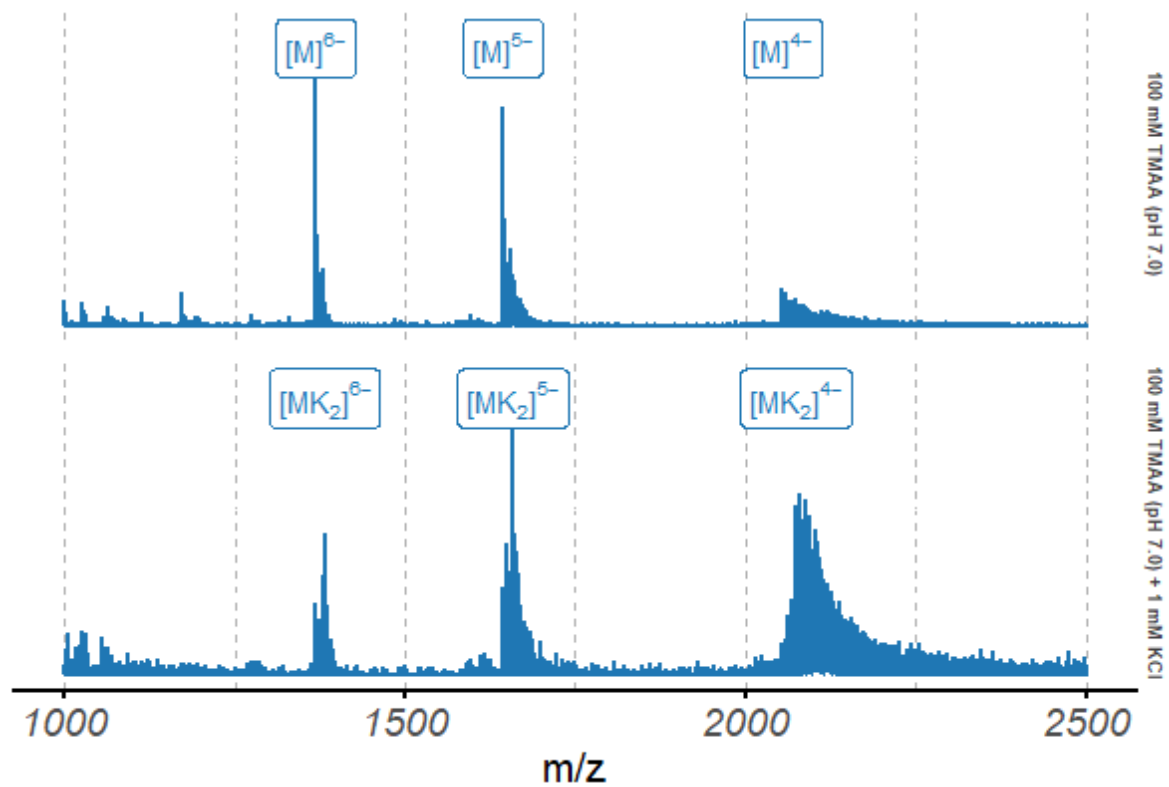
Circular dichroism spectra of the 2HY9 oligonucleotide (10 μM), acquired at 25°C in 0.4-cm path-length cuvettes



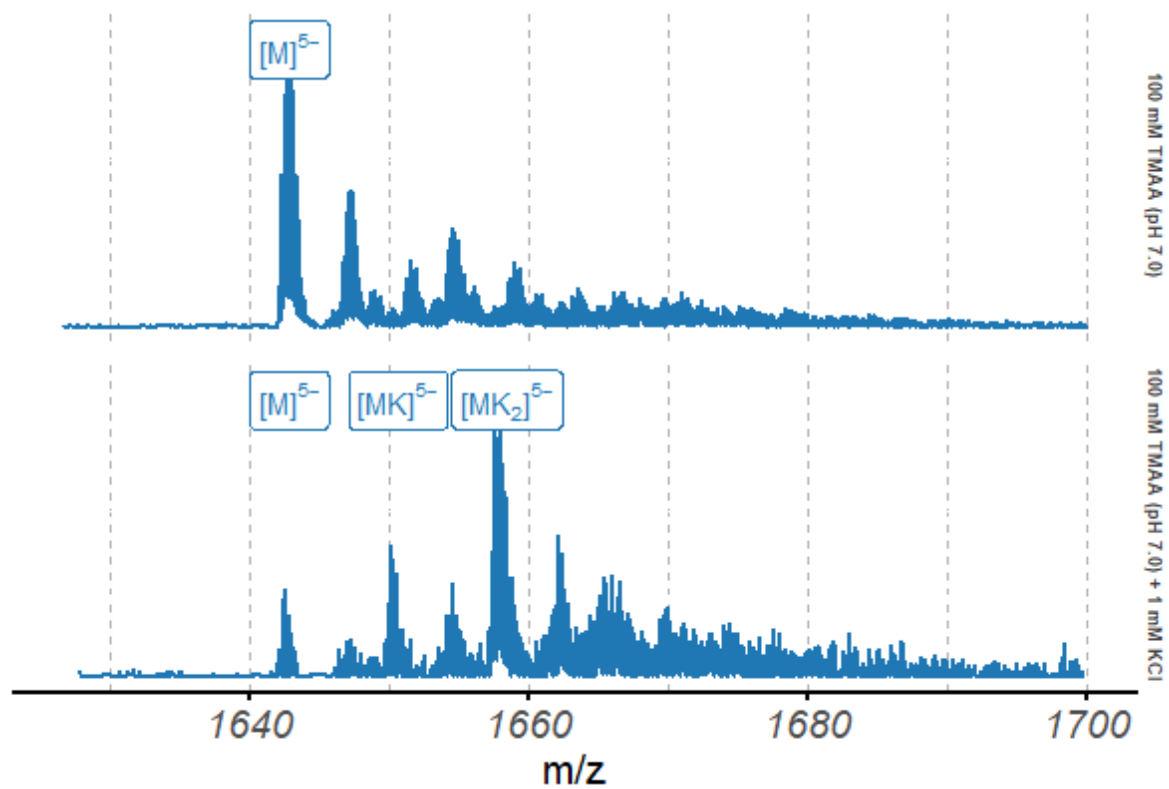
^1H -NMR spectrum of the 2HY9 oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



Folded fraction of the 2HY9 oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)



Native ESI-MS spectra of the 2HY9 oligonucleotide (10 μ M)



Native ESI-MS spectra of the 2HY9 oligonucleotide (10 μ M), focused on the 5^- charge state