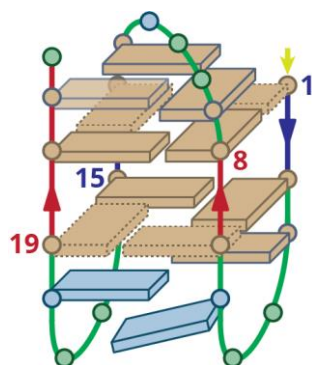


2KF8

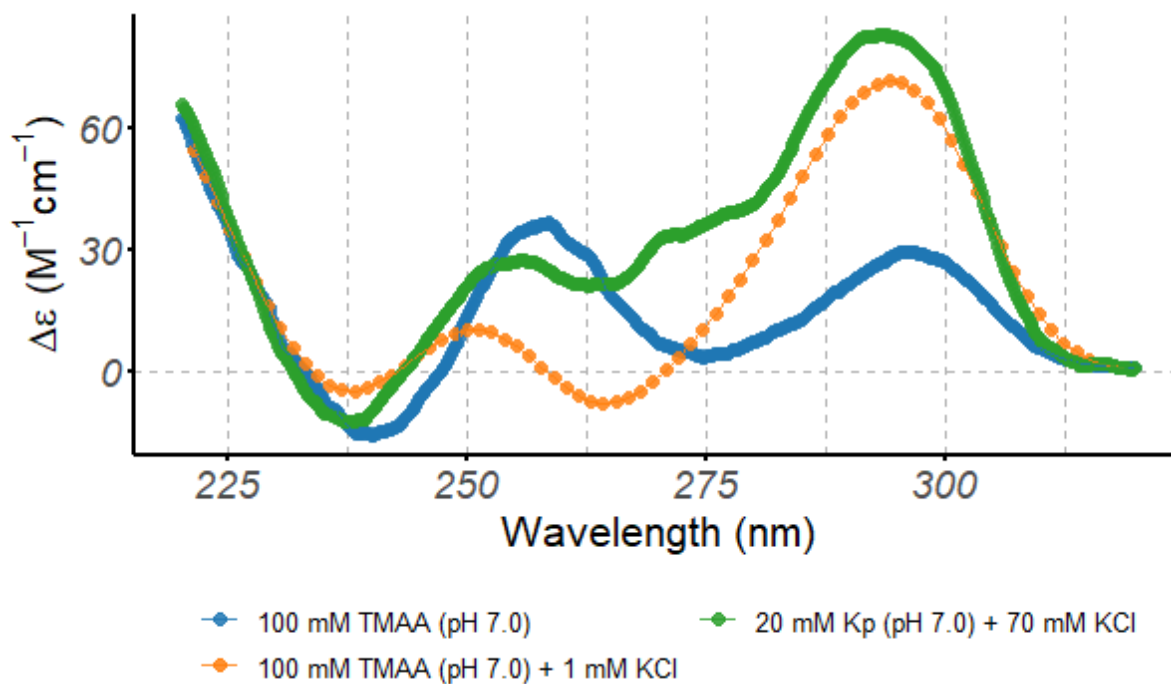
Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
GGGTTAGGGTTAGGGTTAGGGT	223500	10.1021/ja807503g



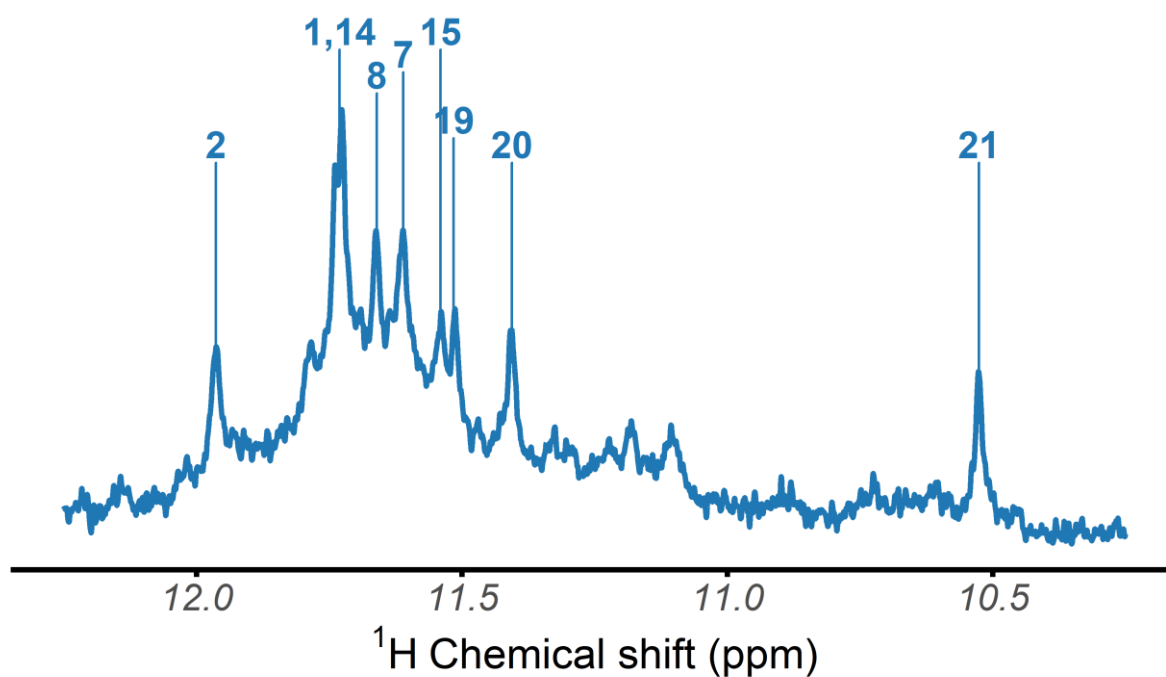
Legend

	strand direction (5' to 3')		loop		adenine
	nucleotide number (5' to 3')		syn		cytosine
	5' end		anti		G-quartet guanine
			ligand		not-G-quartet guanine
					thymine

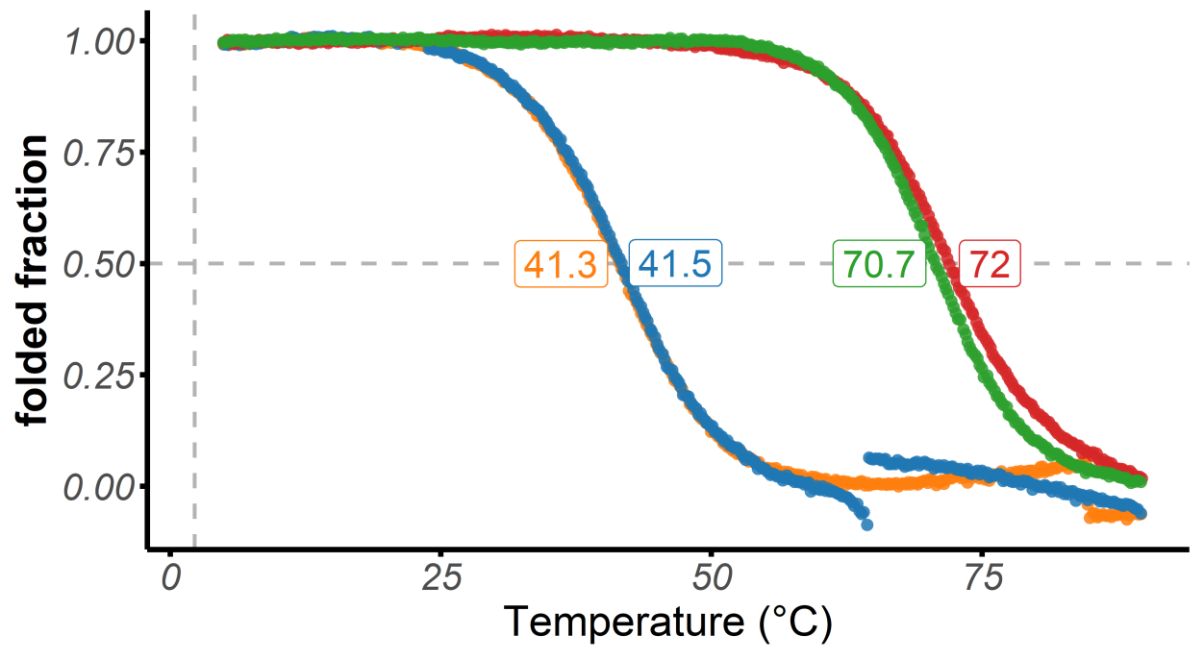
Structure diagram of 2KF8



Circular dichroism spectra of the 2KF8 oligonucleotide (10 μM), acquired at 25°C in 0.4-cm path-length cuvettes

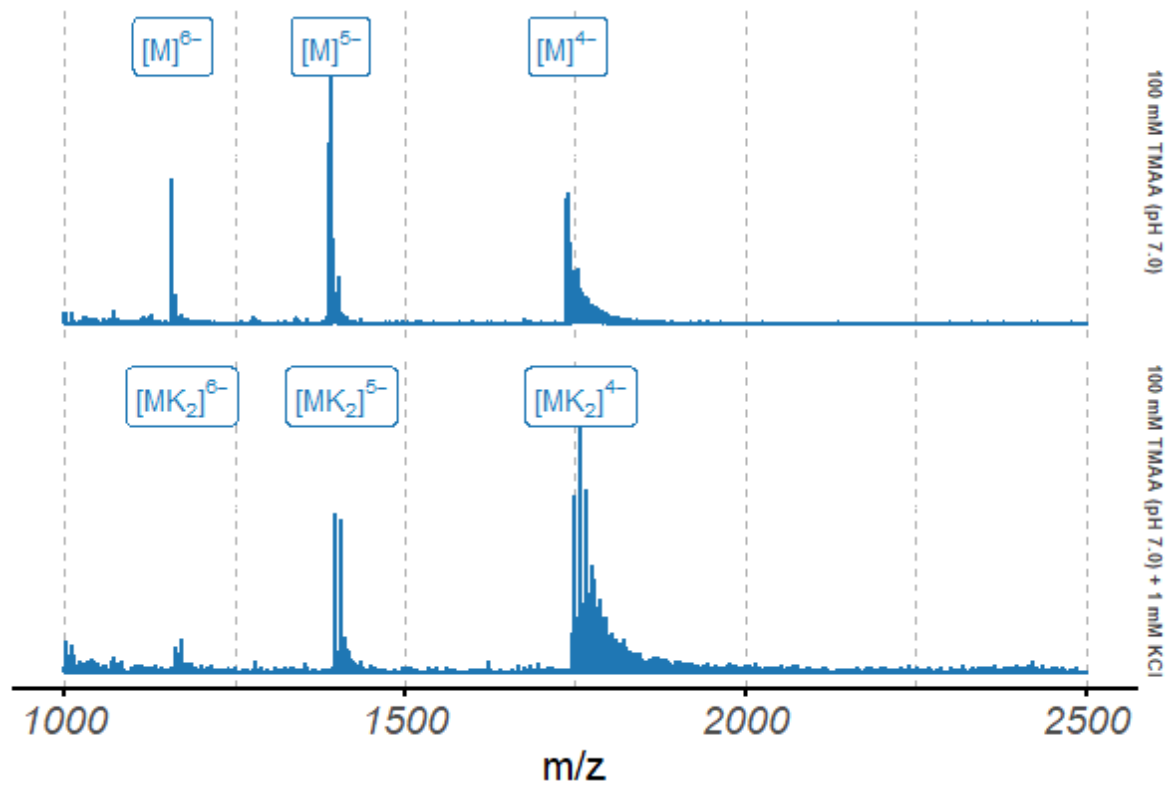


1H -NMR spectrum of the 2KF8 oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl

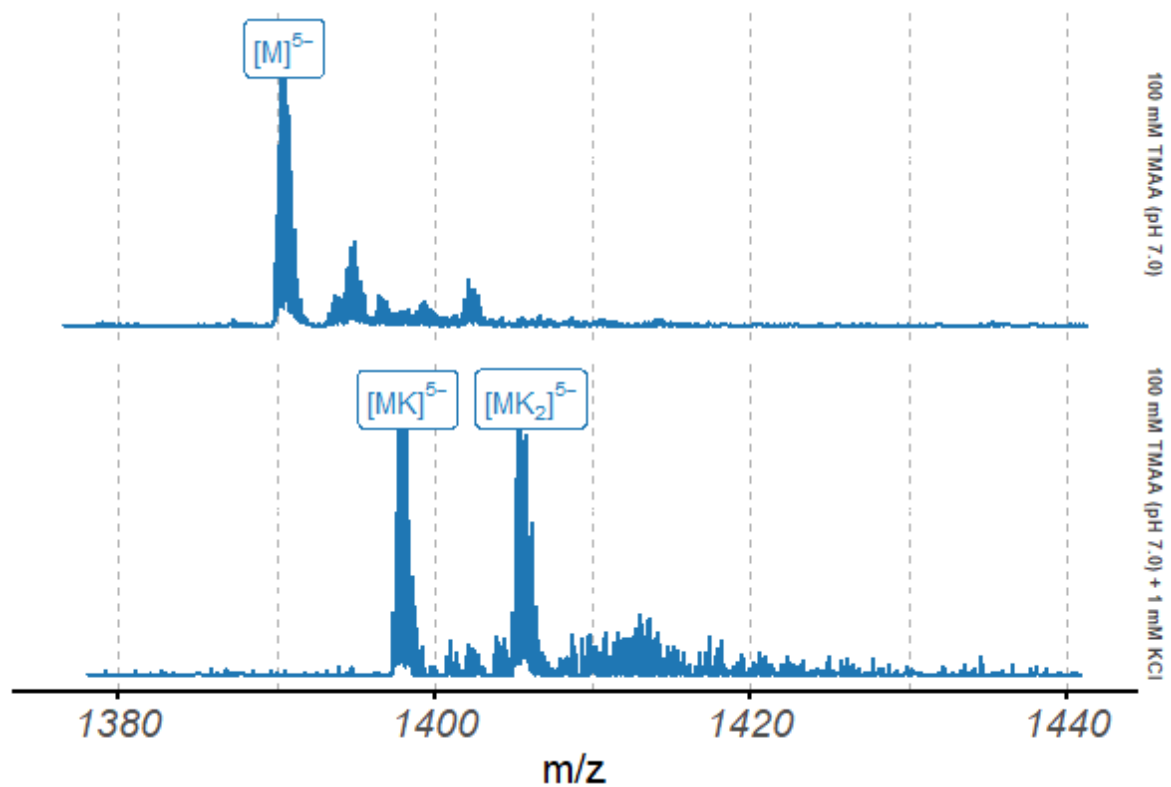


- 100 mM TMAA (pH 7.0) + 1 mM KCl-cooling
- 20 mM Kp (pH 7.0) + 70 mM KCl-cooling
- 100 mM TMAA (pH 7.0) + 1 mM KCl-heating
- 20 mM Kp (pH 7.0) + 70 mM KCl-heating

Folded fraction of the 2KF8 oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)



Native ESI-MS spectra of the 2KF8 oligonucleotide (10 μ M)



Native ESI-MS spectra of the 2KF8 oligonucleotide (10 μ M), focused on the 5^- charge state