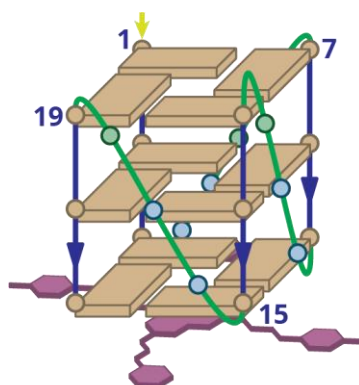


21G

Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
GGTTAGGGTTAGGGTTAGGG	215000	10.1021/jm301899y

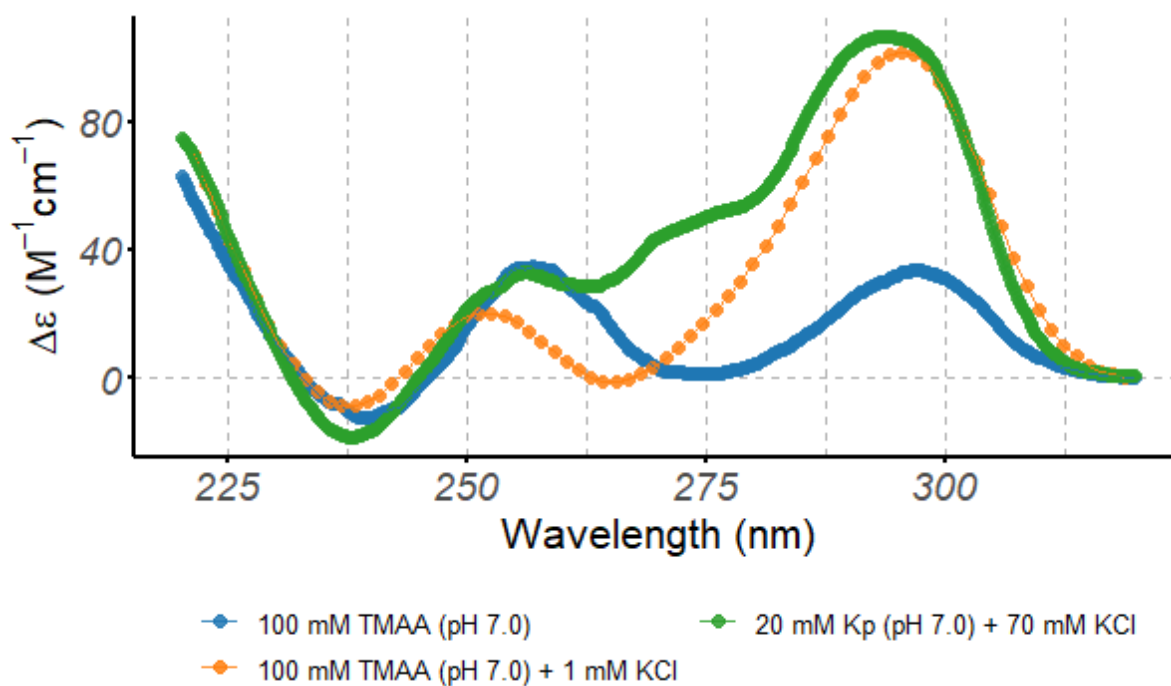


***This sequence is polymorphic.
4DA3 (above) is one known
conformer observed in presence
of the MM41 ligand**

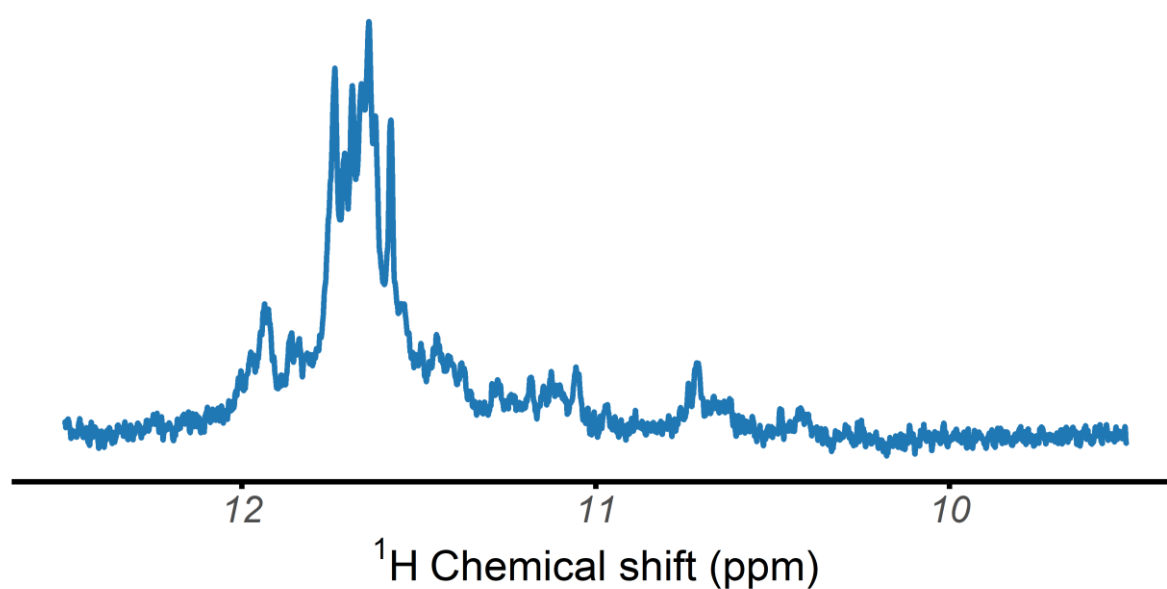
Legend

	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

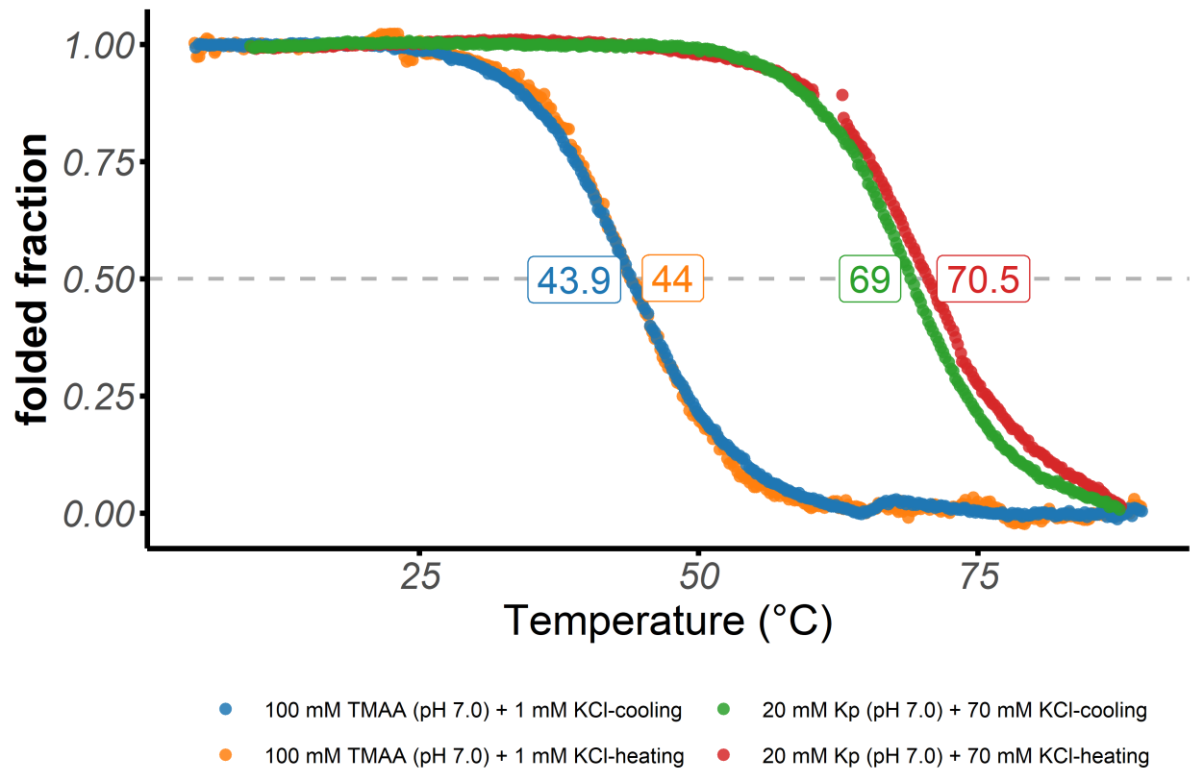
Structure diagram of 21G



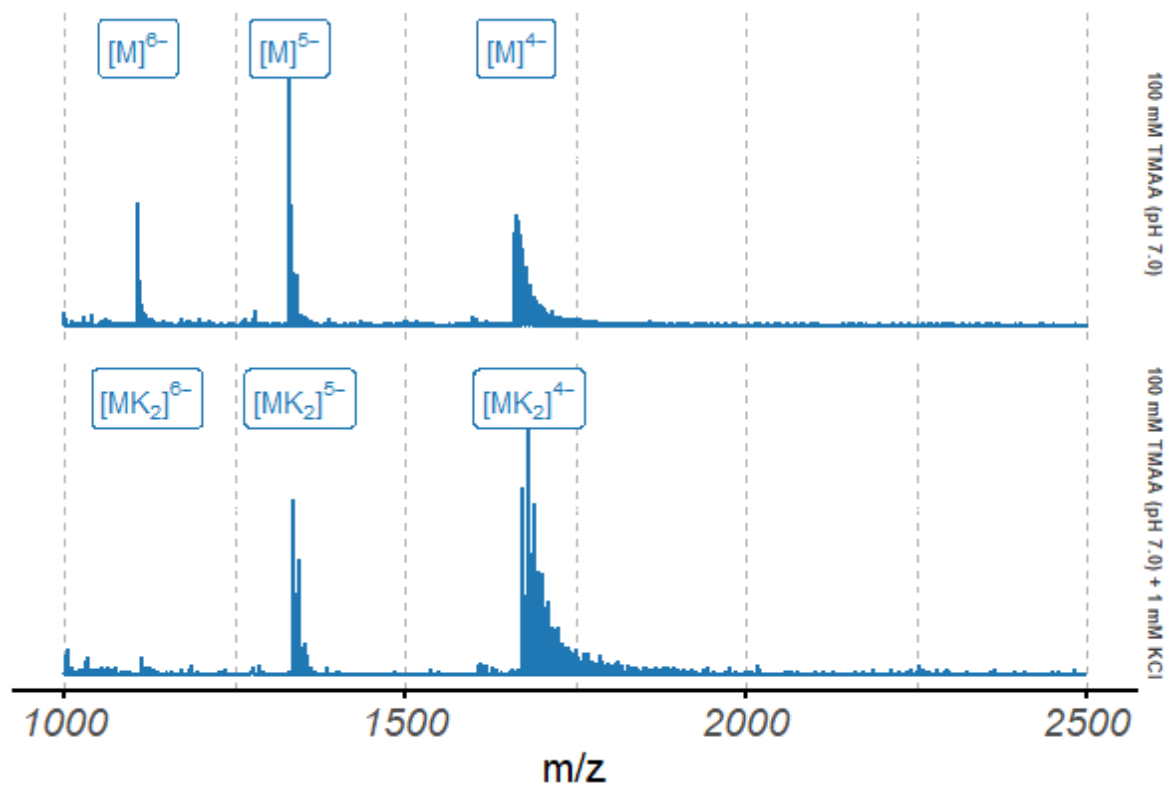
Circular dichroism spectra of the 21G oligonucleotide (10 μM), acquired at 25°C in 0.4-cm path-length cuvettes



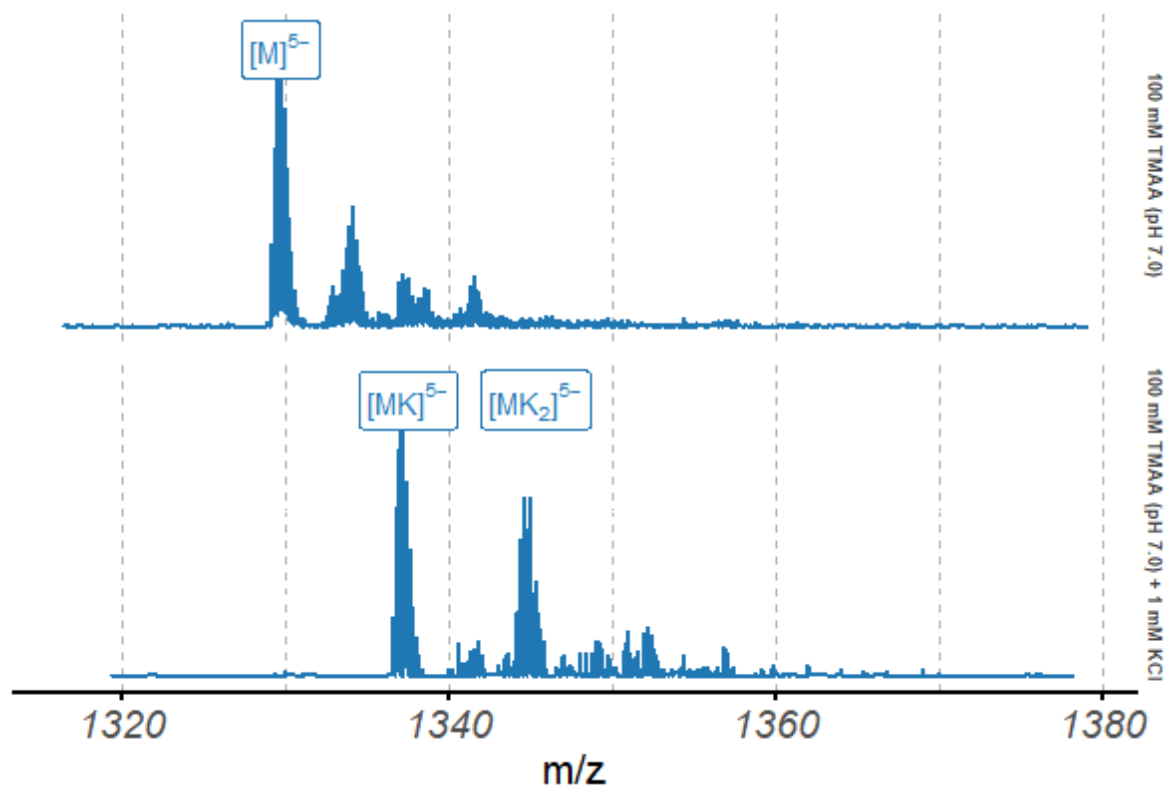
1H -NMR spectrum of the 21G oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



Folded fraction of the 21G oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295 \text{ nm}$)



Native ESI-MS spectra of the 21G oligonucleotide (10 μ M)



Native ESI-MS spectra of the 21G oligonucleotide (10 μ M), focused on the 5^- charge state