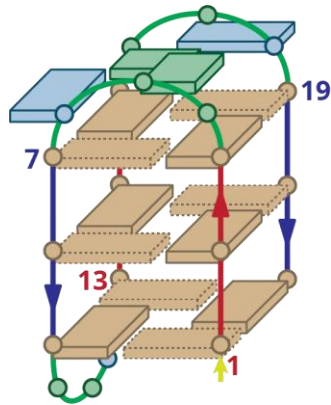














5YEY

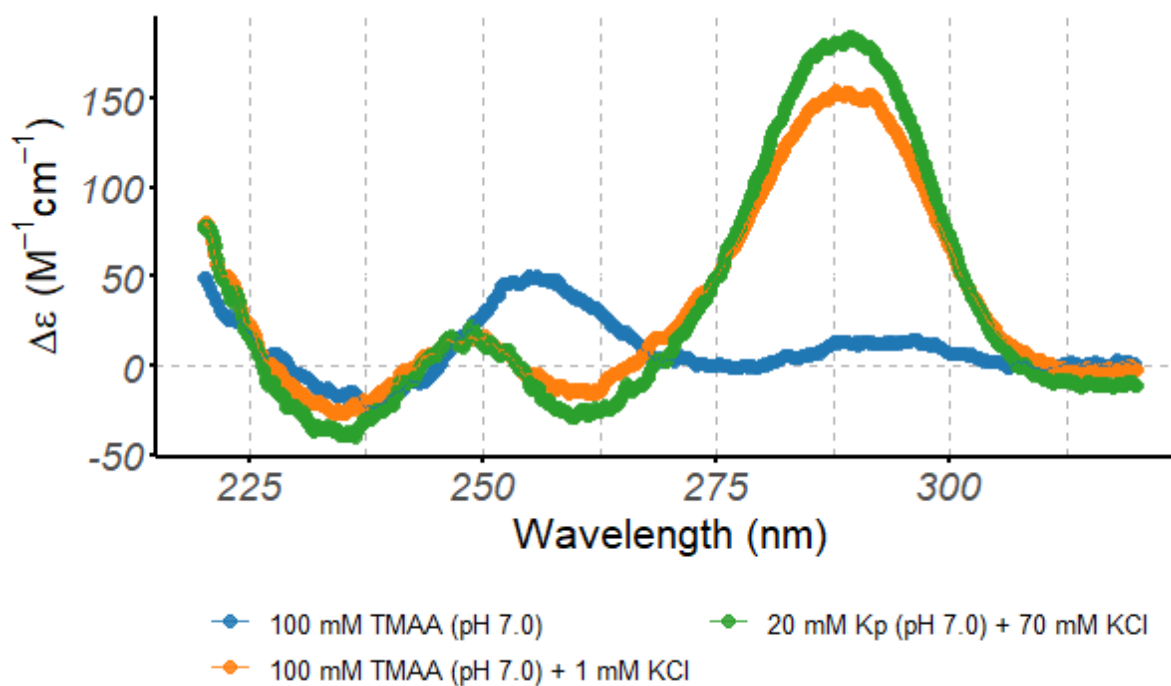
Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
GGGTTAGGGTTAGGGTTTGGG	209100	10.1039/c8sc03813a



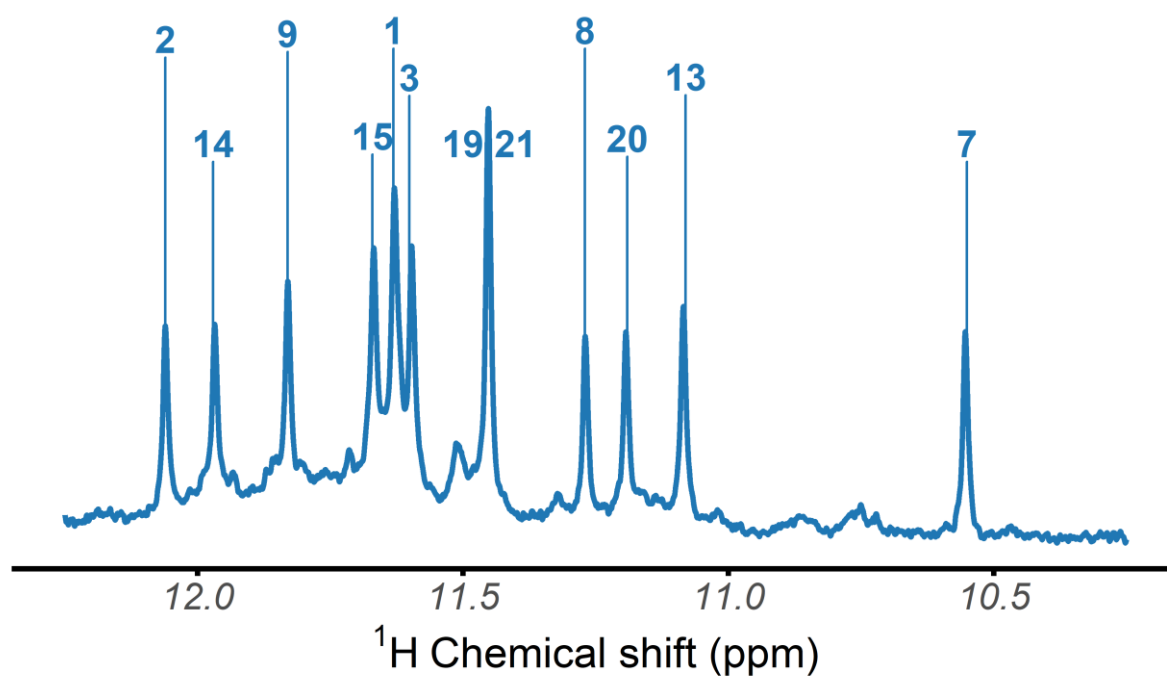
Legend

- | | | |
|--|--|---|
|  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 |

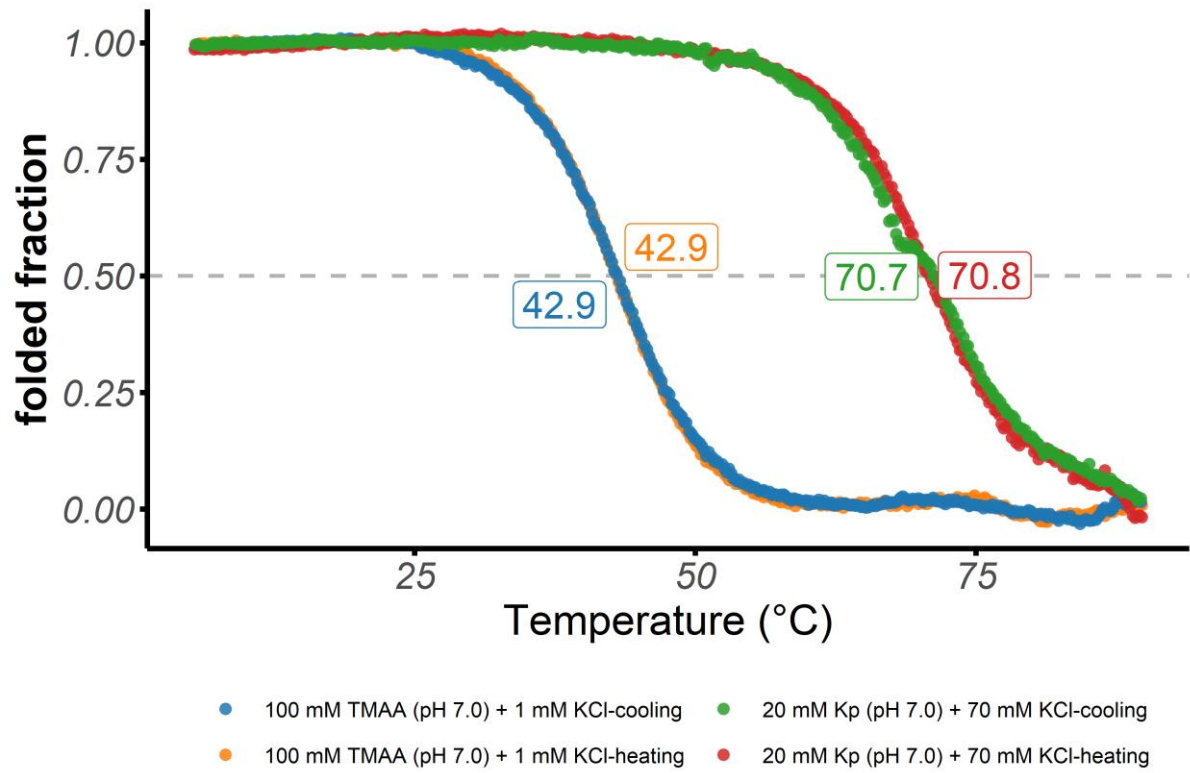
Structure diagram of 5YEY



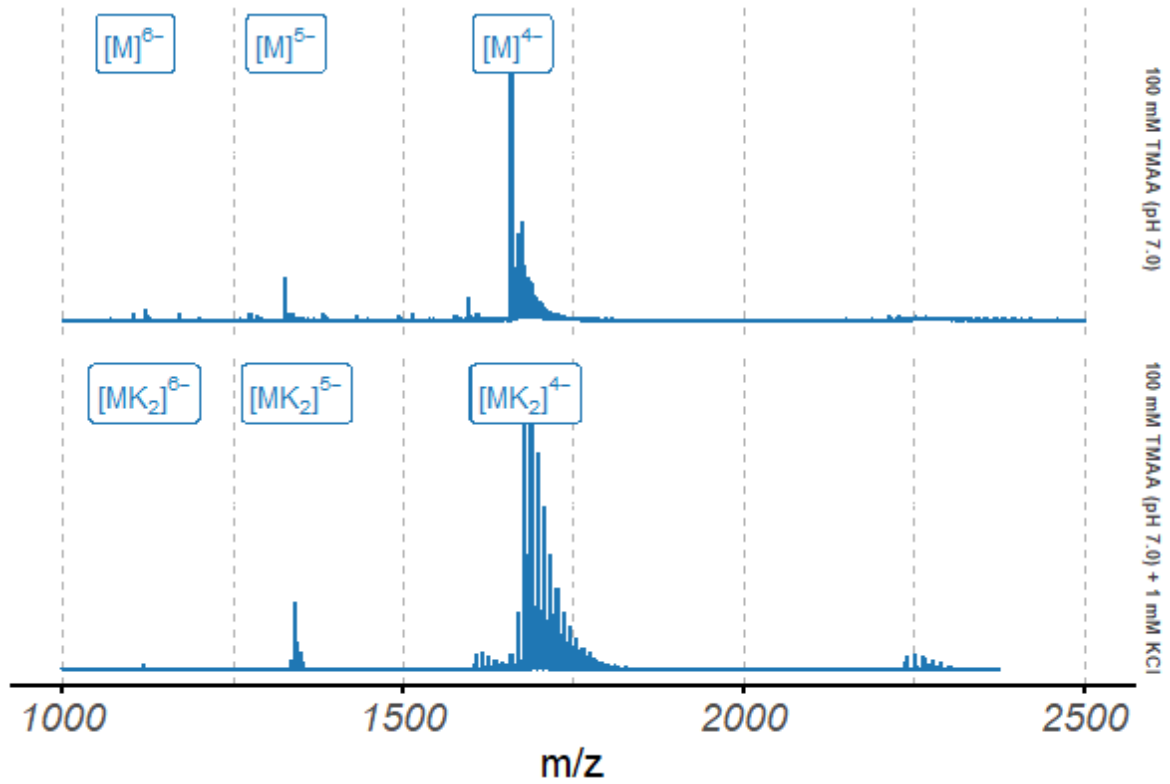
Circular dichroism spectra of the 5Y EY oligonucleotide (10 μ M), acquired at 25°C in 0.2-cm path-length cuvettes



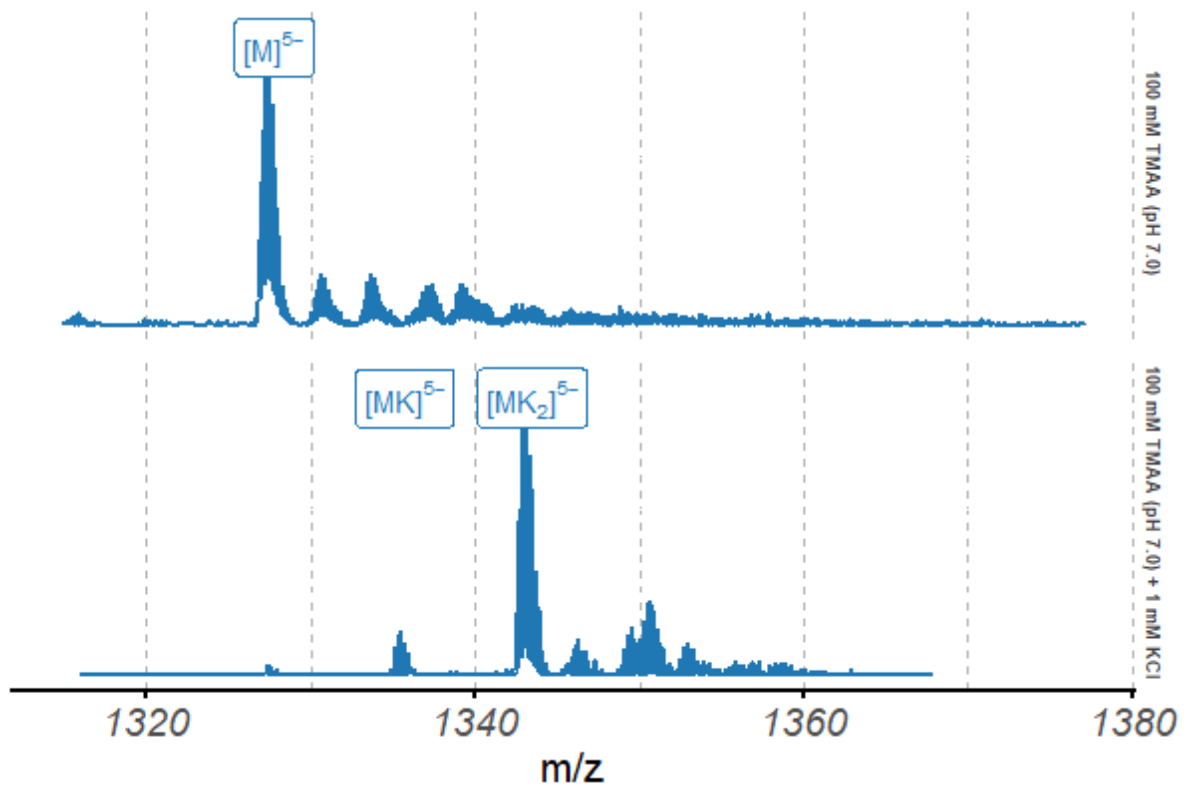
^1H -NMR spectrum of the 5Y EY oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



Folded fraction of the 5YFY oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)



Native ESI-MS spectra of the 5Y EY oligonucleotide (10 μ M)



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