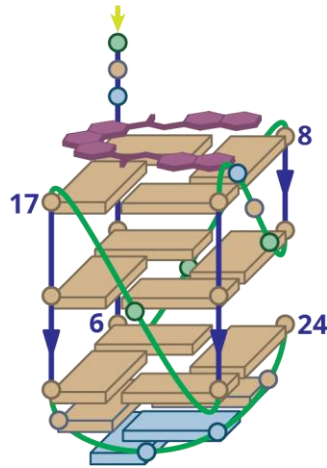


2MGN

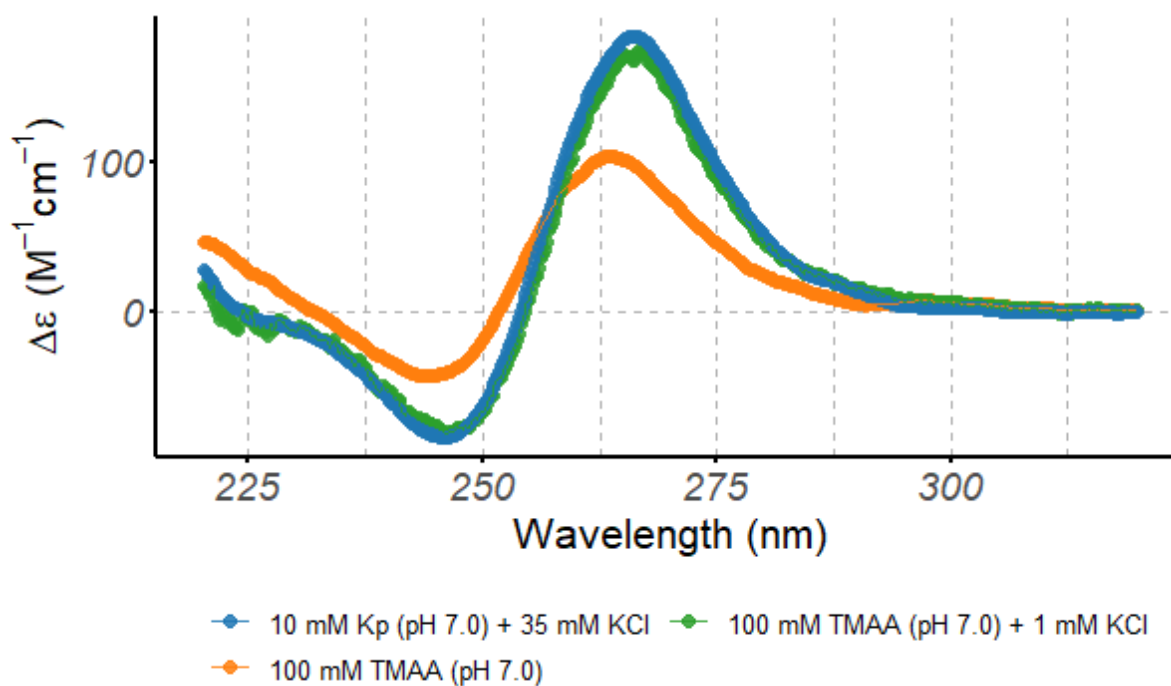
Sequence (5' to 3')	ϵ_{260nm} ($M^{-1}cm^{-1}$)	DOI
TGAGGGTGGTGAAGGGTGGGAAGG	248200	10.1002/anie.201308063



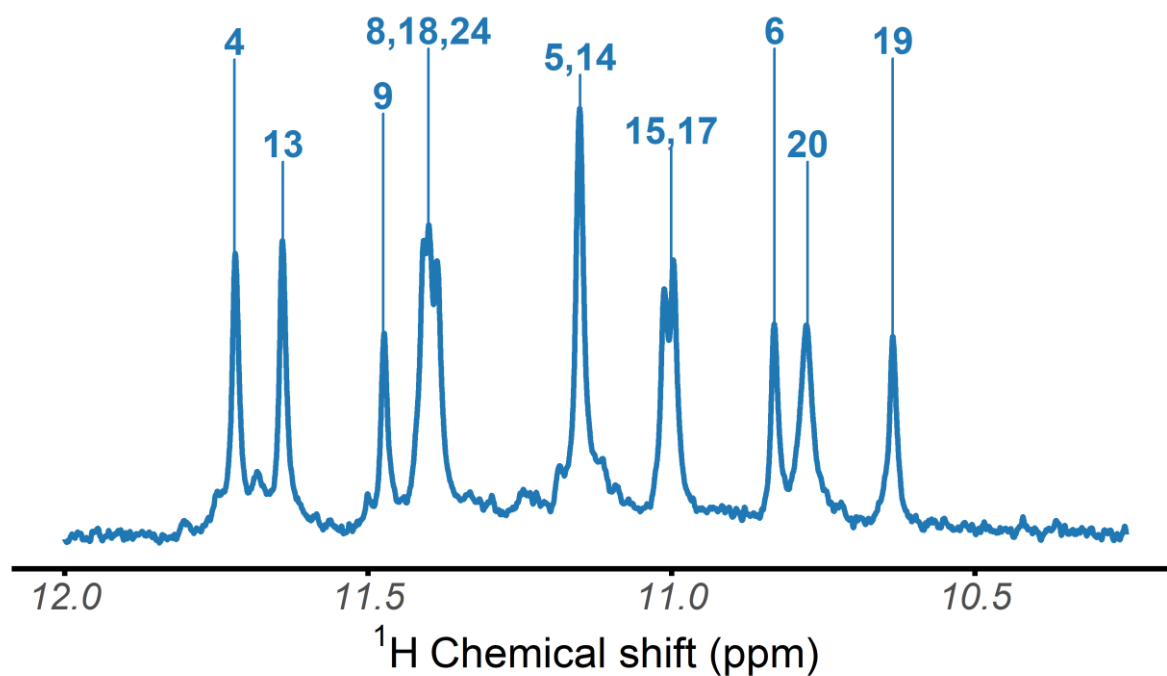
Legend

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

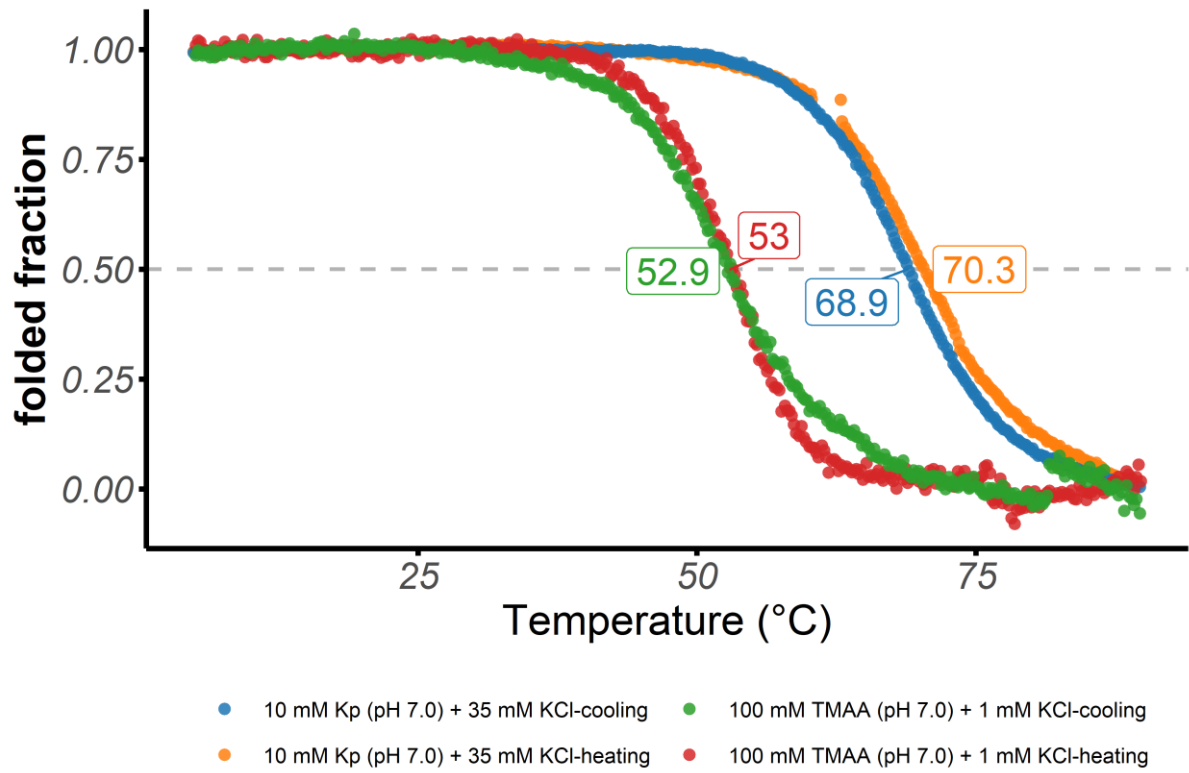
Structure diagram of 2MGN



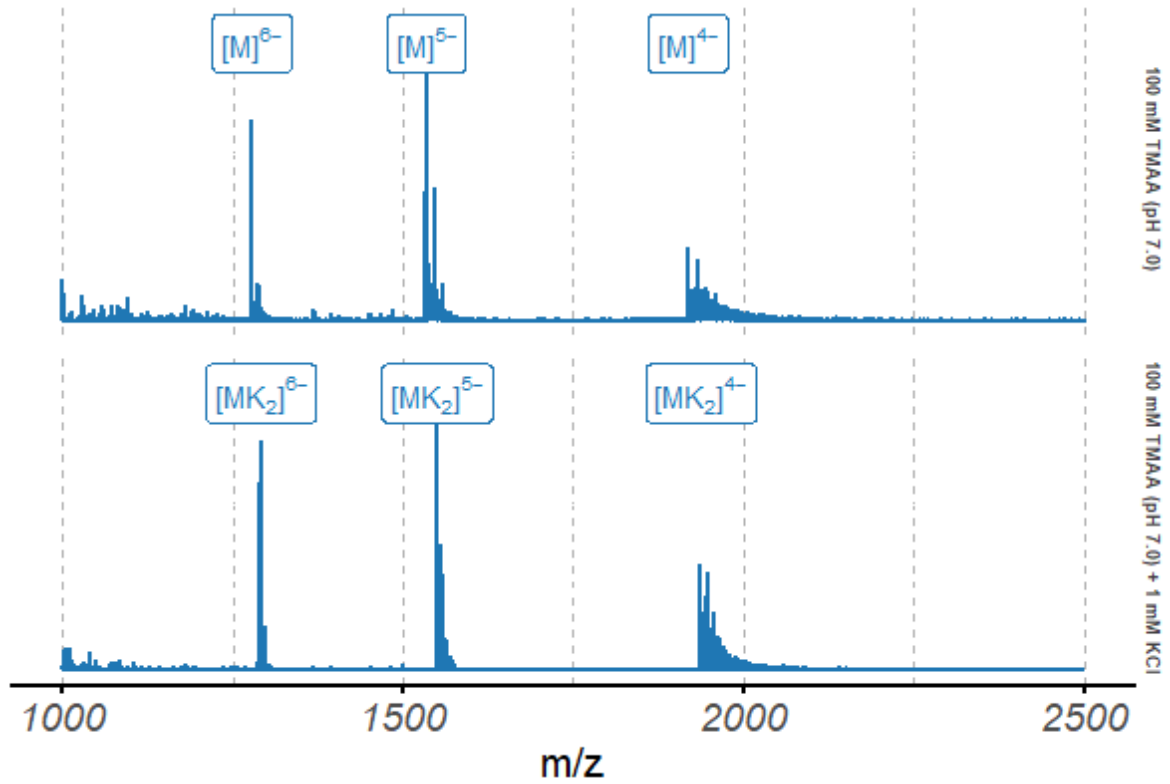
Circular dichroism spectra of the 2MGN oligonucleotide (10 μM), acquired at 25°C in 0.4-cm path-length cuvettes



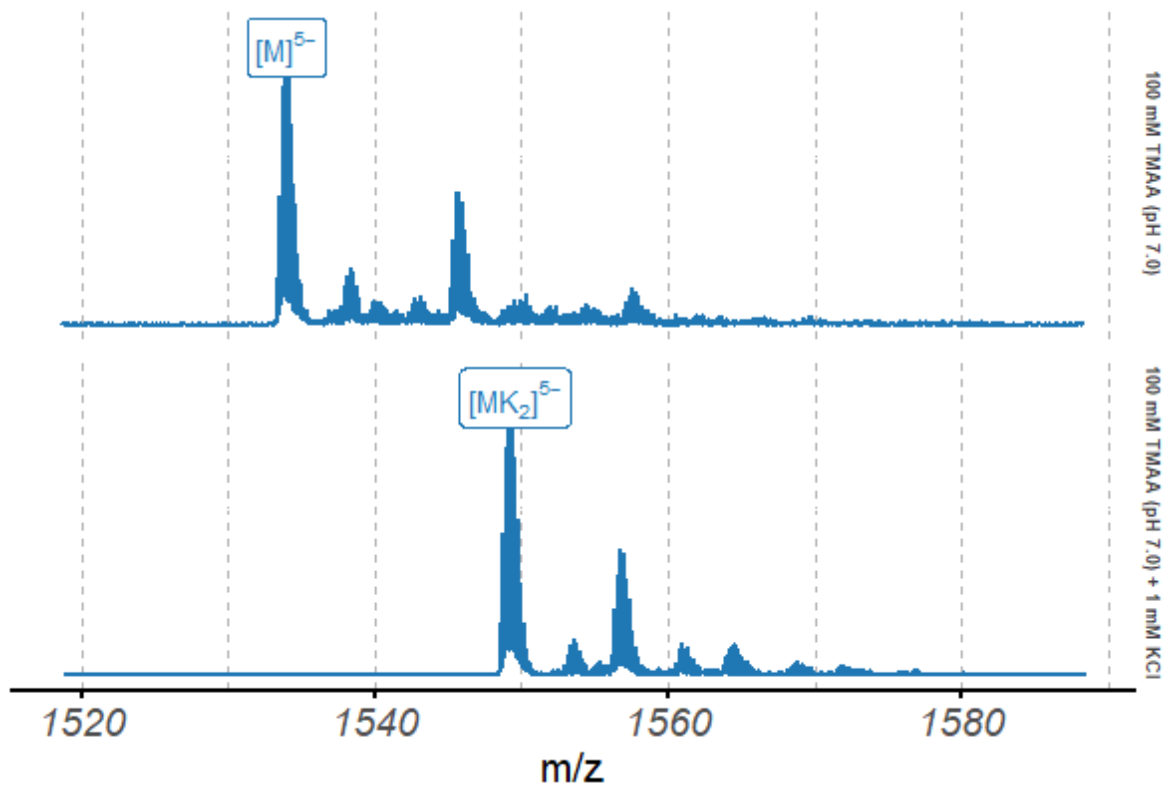
1H -NMR spectrum of the 2MGN oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



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



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



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