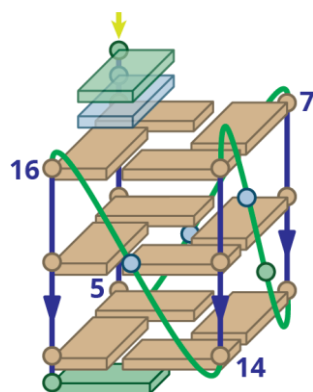












## 2LBY

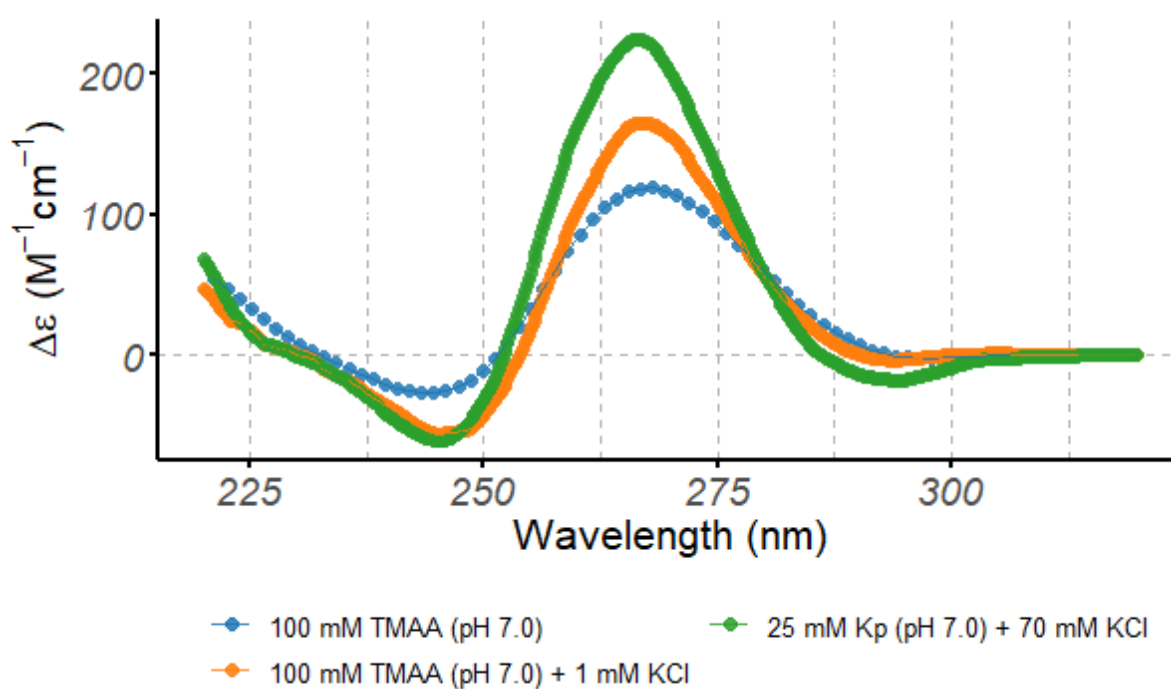
Sequence (5' to 3')	$\epsilon_{260nm}$ ( $M^{-1}cm^{-1}$ )	DOI
TAGGGAGGGTAGGGAGGGT	201700	10.1093/nar/gkr612



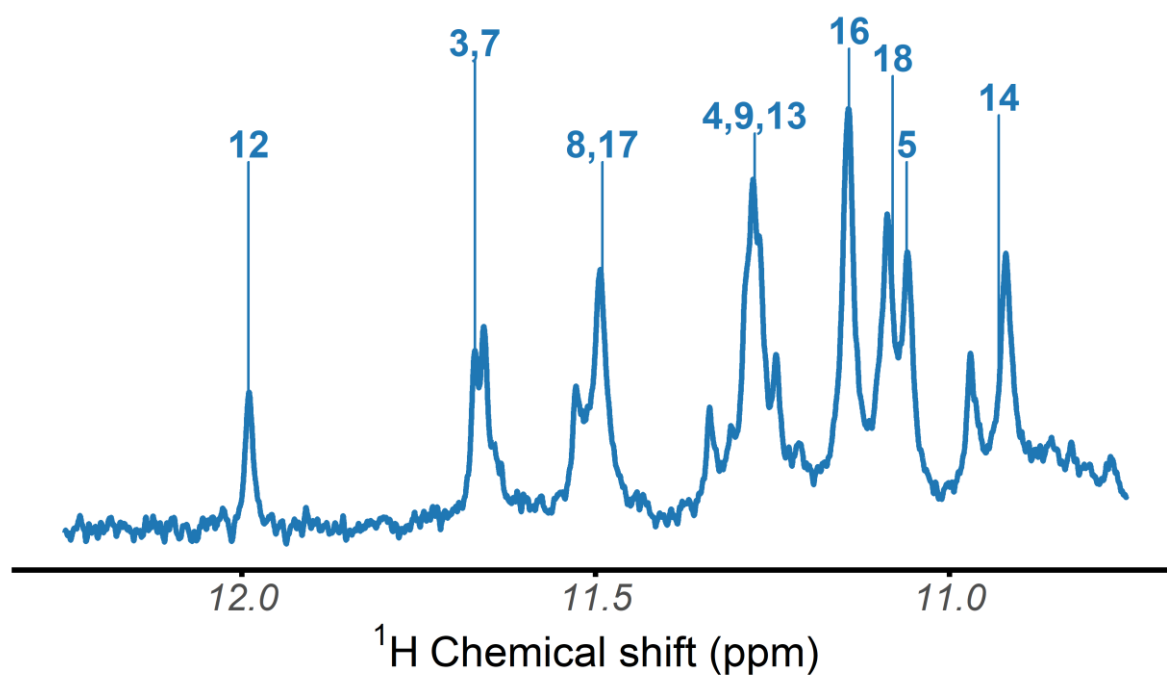
### Legend

 strand direction (5' to 3')	 loop	 adenine
 nucleotide number (5' to 3')	 syn	 cytosine
 5' end	 anti	 G-quartet guanine
		 thymine

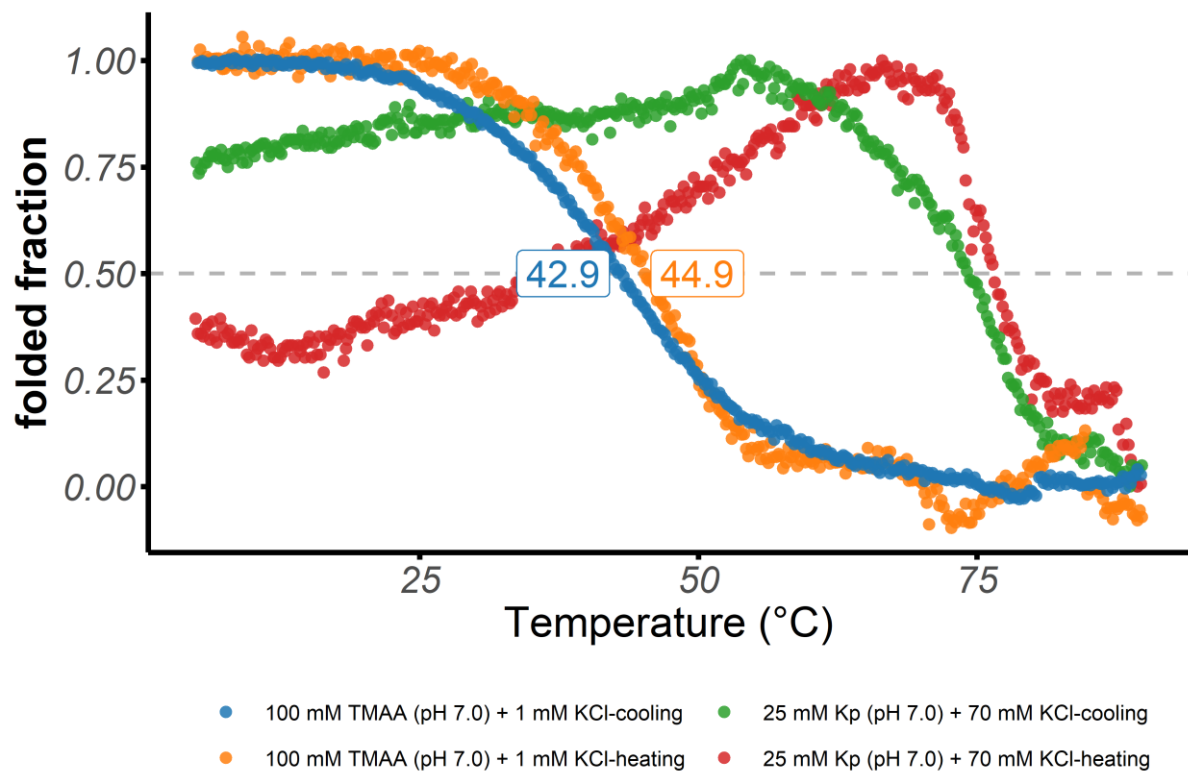
Structure diagram of 2LBY



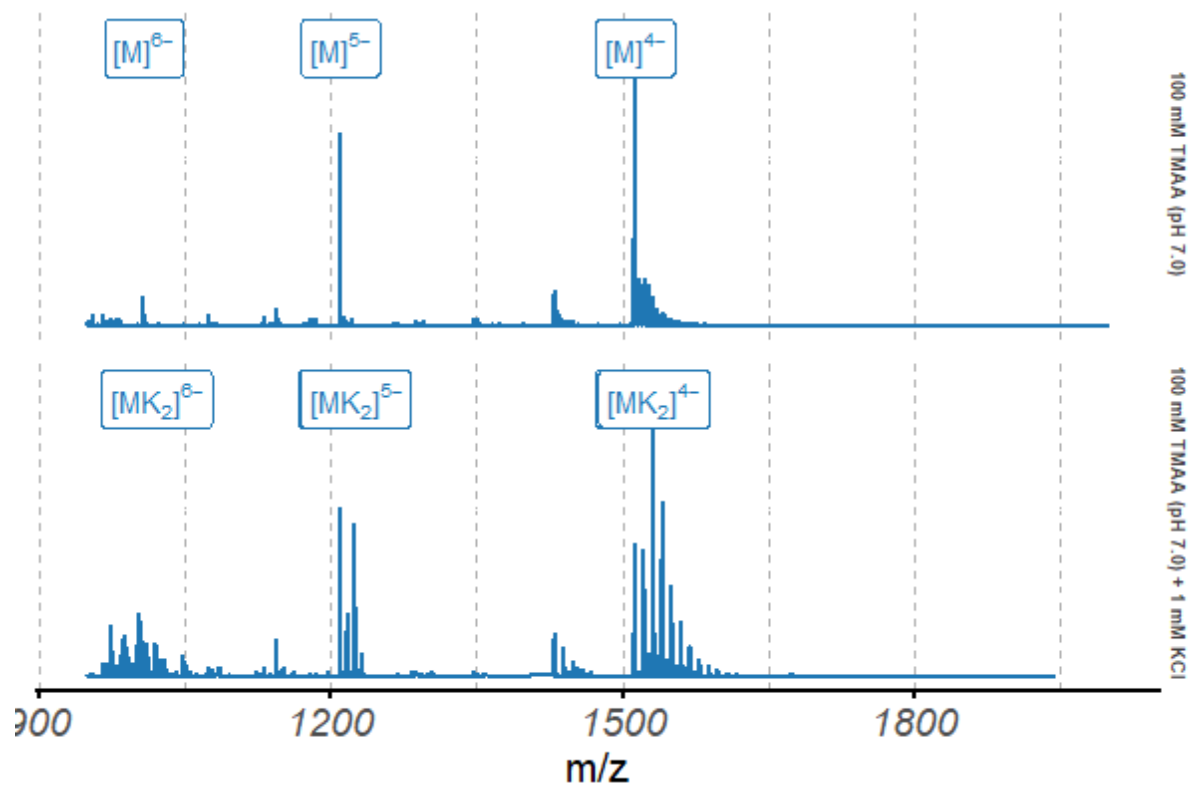
Circular dichroism spectra of the 2LBY oligonucleotide (10  $\mu\text{M}$ ), acquired at 25°C in 0.4-cm path-length cuvettes



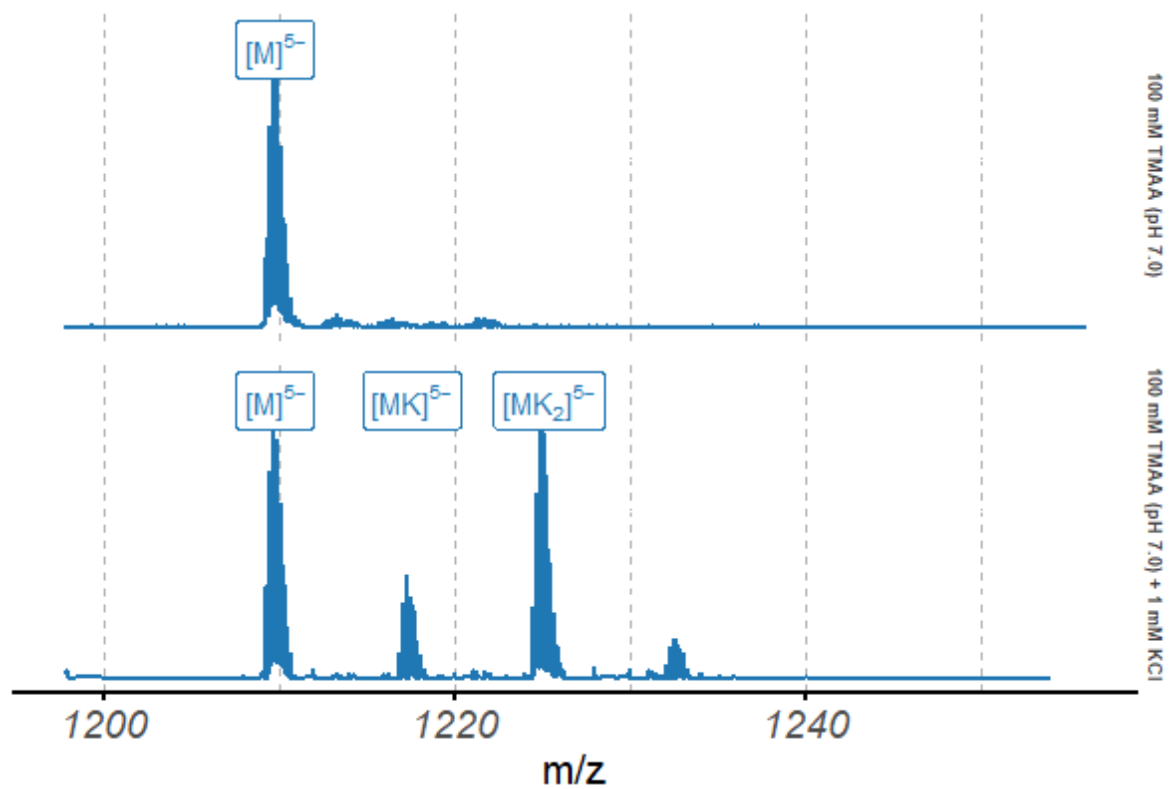
$^1\text{H}$ -NMR spectrum of the 2LBY oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl



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



Native ESI-MS spectra of the 2LBY oligonucleotide (10  $\mu$ M)



Native ESI-MS spectra of the 2LBY oligonucleotide (10  $\mu$ M), focused on the  $5^-$  charge state