### 2N4Y

<table>
<thead>
<tr>
<th>Sequence (5' to 3')</th>
<th>$\epsilon_{260\text{nm}} (M^{-1} \text{cm}^{-1})$</th>
<th>DOI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTGGGCGGGACTGGGAGTGGT</td>
<td>211200</td>
<td>10.1093/nar/gkw432</td>
</tr>
</tbody>
</table>

**Legend**
- **strand direction** (5' to 3')
- **nucleotide number** (5' to 3')
- **5' end**

**Structure diagram of 2N4Y**
Circular dichroism spectra of the 2N4Y oligonucleotide (10 µM), acquired at 25°C in 0.4-cm path-length cuvettes

$\Delta \varepsilon (M^{-1} \text{cm}^{-1})$

Wavelength (nm)

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

Circular dichroism spectra of the 2N4Y oligonucleotide (10 µM), acquired at 25°C in 0.4-cm path-length cuvettes

$^1$H-NMR spectrum of the 2N4Y oligonucleotide, acquired at 25°C in 100 mM TMAA (pH 7.0) + 1 mM KCl
Folded fraction of the 2N4Y oligonucleotide as a function of temperature, determined by UV-melting ($\lambda = 295$ nm)
Native ESI-MS spectra of the 2N4Y oligonucleotide (10 µM)

Native ESI-MS spectra of the 2N4Y oligonucleotide (10 µM), focused on the 5⁻ charge state