



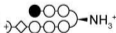



Supplementary Table 1. Melting temperatures of DNA/polyamide complexes.

DNA = 5'-CTC <b>TGTTA</b> CCA-3'			DNA = 5'-CTA <b>TGTTA</b> CCA-3'			DNA = 5'-CTC <b>TGGCA</b> CAC-3'		
Polyamides	$T_m / ^\circ\text{C}$	$\Delta T_m / ^\circ\text{C}$	$T_m / ^\circ\text{C}$	$\Delta T_m / ^\circ\text{C}$	Polyamides	$T_m / ^\circ\text{C}$	$\Delta T_m / ^\circ\text{C}$	
—	47.3 ( $\pm 0.3$ )	—	44.0 ( $\pm 0.1$ )	—	—	56.0 ( $\pm 0.2$ )	—	
8 	58.2 ( $\pm 0.4$ )	10.9	59.9 ( $\pm 0.3$ )	15.9	11 	64.3 ( $\pm 0.3$ )	8.3	
9 	60.3 ( $\pm 0.3$ )	13.0	62.0 ( $\pm 0.1$ )	18.0	12 	62.7 ( $\pm 0.3$ )	6.7	
10 	58.9 ( $\pm 0.2$ )	11.6	61.0 ( $\pm 0.2$ )	17.0	13 	62.0 ( $\pm 0.3$ )	6.0	

All values are derived from at least three melting temperature experiments, with standard deviations indicated in parentheses.  $\Delta T_m$  values are given as  $T_m$  (DNA/polyamide) -  $T_m$  (DNA).