

Supplementary Table 5. 5'labelled oligonucleotides used for anisotropy and FCCS measurements.

name	sequence
cy3B-DNA _S - Fw	AGAAGTCAGCGCGATAGCATCGATATTTTCGTGACACGCTTG TCATCCGATAGGTAGT
atto655 -DNA _S - Fw	AGAAGTCAGCGCGATAGCATCGATATTTTCGTGACACGCTTG TCATCCGATAGGTAGT
unlabeled DNA _S - Rev	ACTACCTATCGGATGACAAGCGTGTACGAAAATATCGATGCT ATCGCGCTGACTTCT
cy3-DNA _{NS} -Fw	GGACAGGTATTGTGCCATACTGACCACATCGTCTTGGTCTATA AGCTCCACGACATCC
unlabeled DNA _{NS} -Rev	GGATGTCGTGGAGCTTATAGACCAAGACGATGTGGTCAGTAT GGCACAATACCTGTCC