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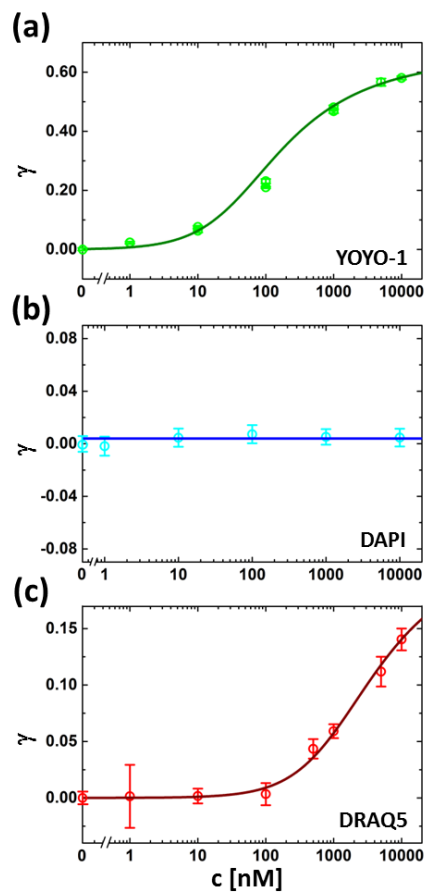
Supplemental Information

Nanomechanics of Fluorescent DNA Dyes on DNA Investigated by Magnetic Tweezers

Ying Wang, Andy Sischka, Volker Walhorn, Katja Tönsing, and Dario Anselmetti

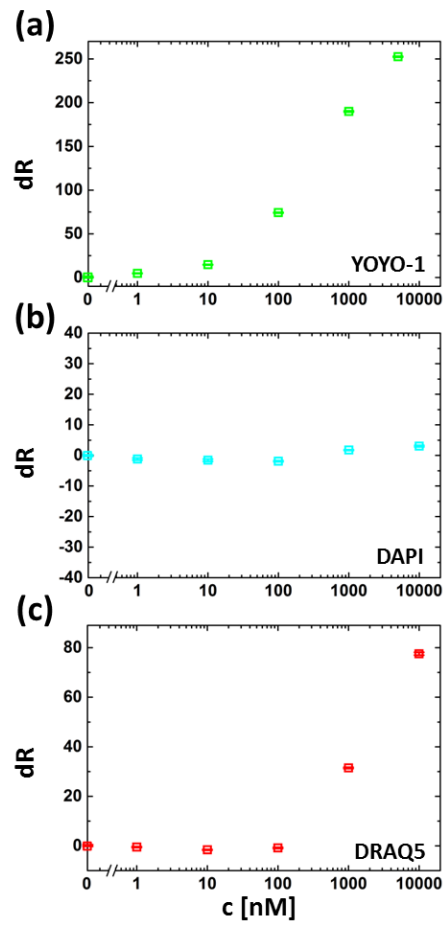
Supporting Information

Fig 1.



Fractional elongation $\gamma(c)$ of **(a)** YOYO-1, **(b)** DAPI and **(c)** DRAQ5. Very same data as presented in the paper in Fig. 3, yet in a semi-logarithmic representation.

Fig 2.



Superspiralization as a function of dye concentration of **(a)** YOYO-1, **(b)** DAPI and **(c)** DRAQ5.
 $dR = R(c) - R_0$.

Table 1.

coefficient of determination R^2 for	YOYO-1	DAPI	DRAQ5
WLC-fitting	0.96670	0.93838	0.95560
Mc Ghee-von Hippel fitting	0.98995	—	0.99763
dR-dL (linear fitting)	0.93296	—	0.99417

Fit quality by means of the coefficient of determination.