

## Supporting Information for:

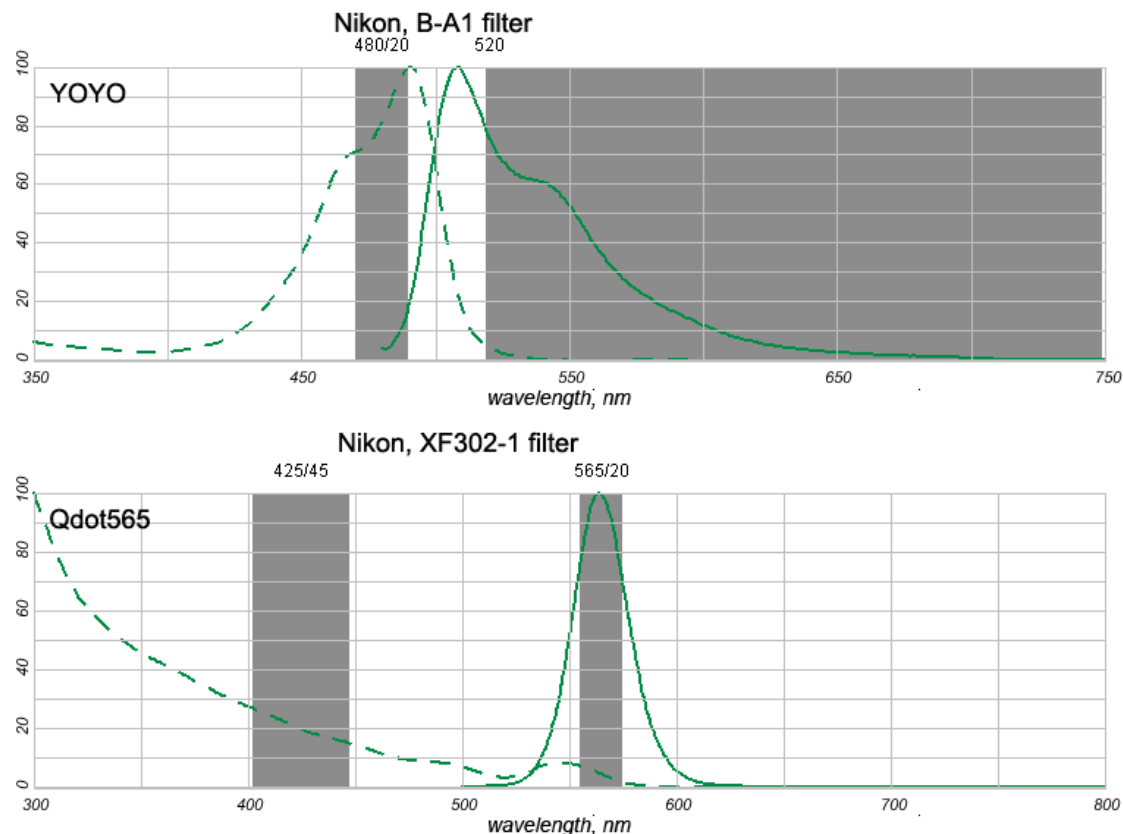
# Quantum Dot Probes for Observation of Single Molecule DNA and a Synthetic Polyelectrolyte Higher-Order Structure

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**Supplementary data for Figure 3. Fluorescence dyes and fluorescence filters.**



**Figure 1.** Absorbance (dashed line) and fluorescence (solid line) spectra of YOYO and Qdot 565 fluorescence dyes and excitation/emission bandpass characteristics of B-A1 and XF302-1 filters (left gray bandpass – excitation, right bandpass – emission). Using YOYO specific filter (Nikon B-1A) strong fluorescence of YOYO dye together with a low signal from Qdot is observed. When Qdot 565-specific filter (Nikon XF302-1) was used for observation, only fluorescence of Qdot is observed because YOYO has a very low absorbance below 450 nm. (spectra are prepared using open access spectra analysis application on Invitrogen Inc., USA web site, <http://www.invitrogen.com>)