Electronic supplementary information (ESI)

**Fluorescent Hybrid Nanospheres Induced by Single-Stranded DNA and Magnetic Carbon Quantum Dots**

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Figure S1. The CD spectra of CQDGd/ss-DNA complexes containing 125 bp ssDNA.

Figure S2. The fluorescence spectra (a, b) of CQDGd (33.33 μg·mL⁻¹) solution upon addition of ssDNA with 125 bp.

Figure S3. The fluorescence spectra (a, b) of CQDs-Br (33.33 μg·mL⁻¹) solution upon addition of ssDNA with 1000 bp.
**Figure S4.** The fluorescence spectra (a, b) of CQDs-Br (33.33 $\mu$g·mL$^{-1}$) solution upon addition of ssDNA with 125 bp.

**Figure S5.** The fluorescence spectra of CQDs-Br (33.33 $\mu$g·mL$^{-1}$) solution upon addition of ssDNA with 25 bp.
Figure S6. Effects of ssDNA containing various bp number on the intensity of CQDs-Br fluorescence.