Colloidal crystal beads coated with multicolored CdTe quantum dots: microcarriers for optical encoding and fluorescence enhancement

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The fluorescence images

**Figure S1.** The photograph of brightly emitting CdTe QDs of different sizes taken under UV-lamp excitation.

![Fluorescence images of CdTe QDs](image1)

**Figure S2.** Fluorescence micrograph of a mixture of different colors CdTe QDs deposited onto SCCBs.

![Fluorescence micrograph of CdTe QDs](image2)

The laser scanning confocal cross-section images

The laser scanning confocal cross-section images of SCCBs and glass beads after DNA hybridization assays were showed in Figure S3. Obviously, the fluorescence signal intensity of the SCCBs showed a much higher numerical value than the glass beads.
Figure S3. The scanned fluorescence images of SCCBs (A) and glass beads (B) after DNA hybridization assays.