Electronic Supplementary Material (ESI) for Polymer Chemistry

Supporting Information

Asymmetrically Functionalized *β*-Cyclodextrin-Based Star Copolymers for Integrated Gene Delivery and Magnetic Resonance Imaging Contrast Enhancement

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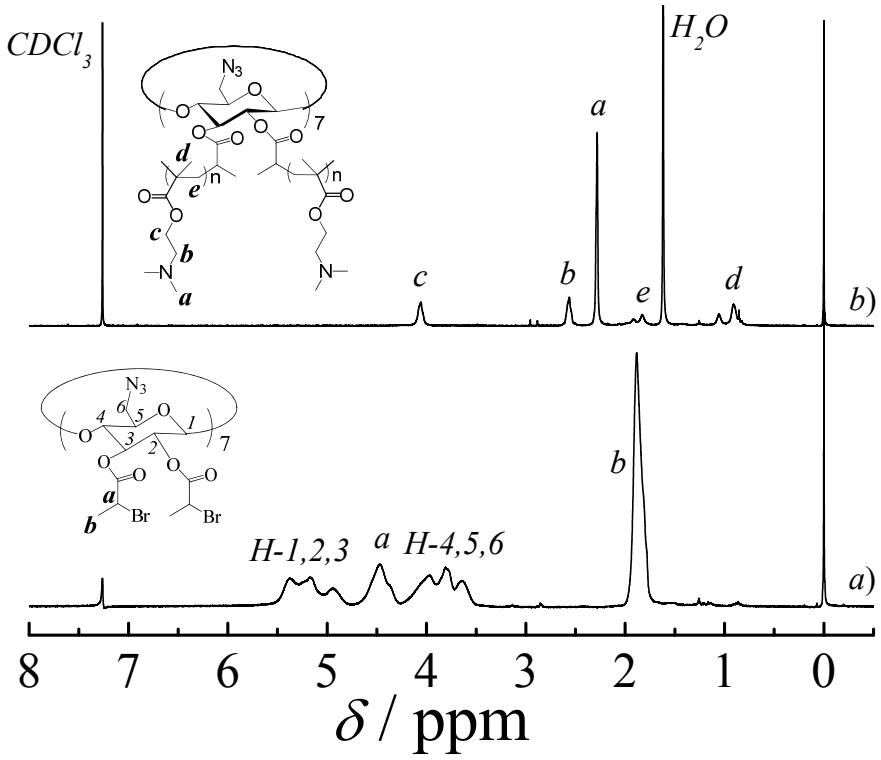

Figure S1. ^{1}H NMR spectra recorded for (a) $(N_3)_7$-*CD*-$(Br)_{14}$ and (b) $(N_3)_7$-*CD*-$(PDMA_{11})_{14}$ in $CDCl_3$, respectively.

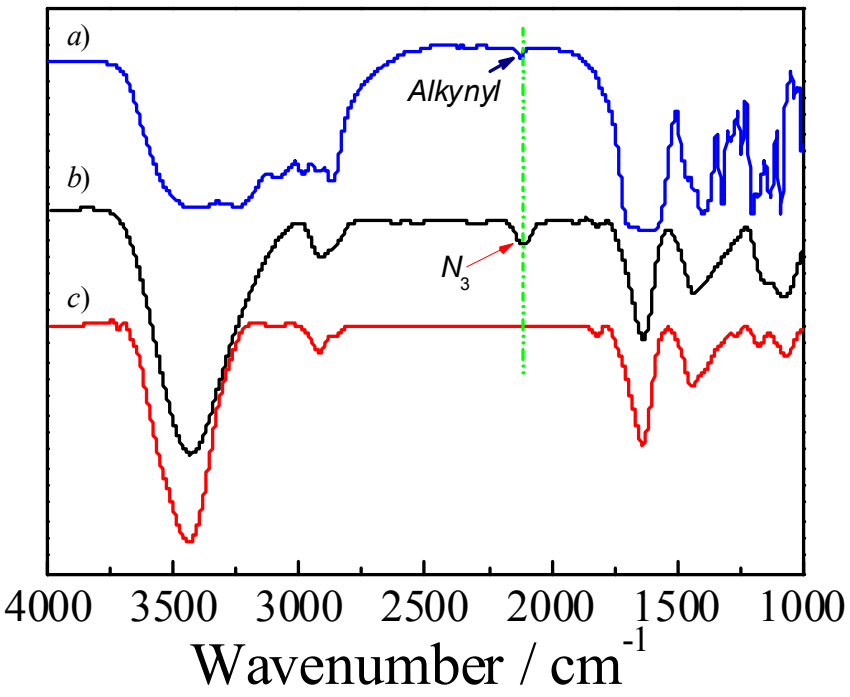

Figure S2. FT-IR spectra recorded for (a) *alkynyl*-DOTA-Gd, (b) $(N_3)_7$-*CD*-$(PDMA_{11})_{14}$, and (c) (DOTA-*Gd*)$_7$-*CD*-$(PDMA_{11})_{14}$, respectively.

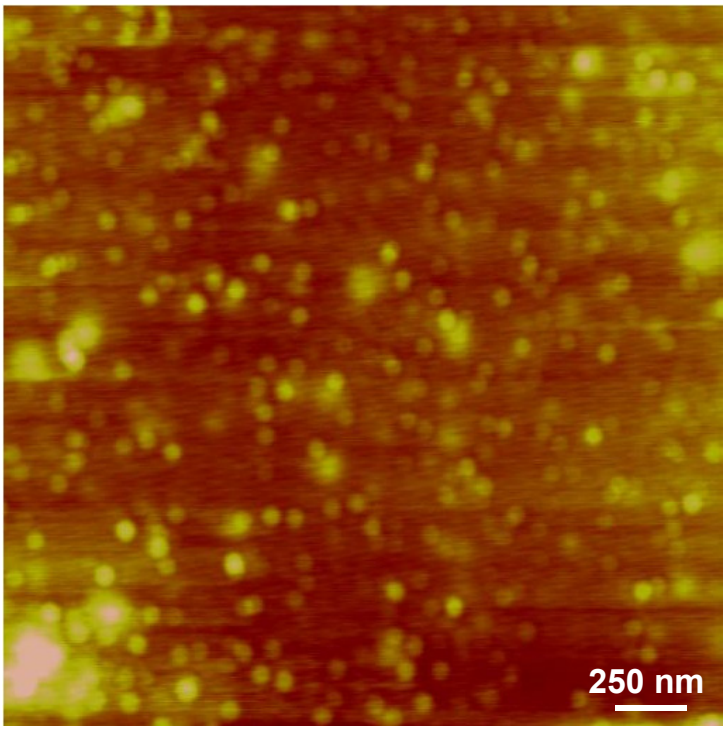

Figure S3. AFM height image recorded for polyplexes of (DOTA-Gd)$_7$-*CD*-(PDMA$_{18}$)$_{14}$ and pDNA at the N/P ratio of 8.