Supporting Information

Controlled Morphologies of Polystyrene-*block*polydimethylsiloxane Micelles Assembly via Cylindrical Confinement Effect and Rayleigh-Instability-Driven Transformation

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SUPPORTING RESULTS



Figure S1. SEM images of commercial AAO templates with average pore daimeters of ~230 nm: (a) top-view image and (b) cross-sectional image.



Figure S2. TEM image of a PS-*b*-PDMS (31 k-*b*-14.5 k) micelle nanorod after the sample is stored for 6 months.



Figure S3. (a) TEM image of the PS-*b*-PDMS (31 k-*b*-14.5 k) micelle nanospheres. (b) Graphical illustration of micelle nanospheres confined in nanopores with different pore diameters.



Figure S4. (a,b) SEM and TEM images of the PS-*b*-PDMS (22 k-*b*-21 k) micelle nanorods. (c,d) SEM and TEM images of the PS-*b*-PDMS (22 k-*b*-21 k) micelle nanospheres.