Supporting Information

Pushing the Size Limits in the Replication of Nanopores in Anodized Aluminum Oxide via the Layer-by-Layer Deposition of Polyelectrolytes

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Figure S-1.  SEM images of AAO with mean pore diameters of (A) 350 nm, (B) 250 nm and (C) 55 nm.
Figure S-2. Histogram of pore diameters in the three different anodization regimes studied.
Figure S-3. SEM images of (A) original pore and (B) pores modified with 5 bilayers by LBL.
Figure S-4. Histogram of outer diameter of \((PSS/PAH)_5\) multilayer tubes after removal of the AAO (mean diameter: 52 ± 19 nm).
Figure S-5. Histogram of inner diameter of (PSS/PAH)$_5$ multilayer tubes after removal of the AAO (mean diameter: $37 \pm 4$ nm).
Figure S-6. AFM height image of gold deposited simultaneously to the AAO passivation onto a clean Si wafer.
Figure S-7. AFM height image (the z scale covers 400 nm) of polymeric nanotubes on porous AAO substrate.