Supporting Information

Hierarchically Porous Silica Prepared with Anionic Polyelectrolyte-Nonionic Surfactant Mesomorphous Complex as Dynamic Template

Chengxiang Shi,[†] Huan Wang,[†] Qiulin Bi,[†] Liqing Li,[†] Pingchuan Sun,[‡] Tiehong Chen^{*† ||}

[†]Institute of New Catalytic Materials Science, School of Materials Science and Engineering, Key Laboratory of Advanced Energy Materials Chemistry (MOE), Nankai University, Tianjin 300350, PR China

[‡]Key Laboratory of Functional Polymer Materials of Ministry of Education, College of

Chemistry, Nankai University, Tianjin 300071, PR China

^{II} Collaborative Innovation Center of Chemical Science and Engineering (Tianjin), Tianjin 300071, PR China.



Figure S1. Small-angle XRD pattern of PAA/P123 organic complex.



Figure S2. TEM images of the PAA/P123 complex.



Figure S3. ¹³C CPMAS NMR spectra of the as-synthesized samples PAA-0 and PAA-0.5. The arrows indicate the signal of PAA and the stars indicate the signal of P123.



Figure S4. SEM image of the calcined PAA-0.5.



Figure S5. Pore size distribution curves of the calcined samples PAA-0, PAA-0.2, PAA-0.4, PAA-0.5 and HCl-5.0.