Electronic Supplementary Information for Living Spontaneous Gradient Copolymers of Acrylic Acid and Styrene: One-Pot Synthesis of pH-Responsive Amphiphiles

Simon Harrisson,* Francesca Ercole and Benjamin W. Muir

CSIRO Molecular and Health Technologies
Bayview Ave, Clayton VIC 3168
Australia

email: simon.harrisson@csiro.au

Figure S1. GPC traces for polymerization of 1a (normalized to conversion)
Figure S2. GPC traces for polymerization of 1b (normalized to conversion)

Figure S3. GPC traces for polymerization of 2 (normalized to conversion)
Figure S4. GPC traces for polymerization of 3a (normalized to conversion)

Figure S5. GPC traces for polymerization of 3b (normalized to conversion)
Figure S6. AFM tapping mode height images of annealed and hydrated block copolymers (1a, 1b, 2, 3a, 3b) on silicon wafers (scan size: 1 µm, height scale: 5 nm)
Figure S7. Intensity-weighted size distributions of 2 as a function of pH

Figure S8. Intensity-weighted size distributions of 1a as a function of pH
Figure S9. Intensity-weighted size distributions of 1b as a function of pH

Figure S10. Intensity-weighted size distributions of 3a as a function of pH
Figure S11. Intensity-weighted size distributions of 3b as a function of pH