Invertible vesicles and micelles formed by dually-responsive
diblock random copolymers in aqueous solutions

Mohammad T. Savoji, Satu Strandman, X. X. Zhu*

Department of Chemistry, Université de Montréal,
CP 6128, Succursale Centre-ville, Montreal, QC, H3C 3J7, Canada

Fig. S1. The particle size distributions for 0.05 mg/mL aqueous solutions of (A) P1 at pH 7 and 15 °C, (B) P2 at pH 7 and 15 °C, (C) P1 at pH 10 and 6 °C, and (D) P2 at pH 10 and 6 °C as observed by DLS. The temperature is below the CP1 for both P1 and P2.
Fig. S2. Cryo-TEM images of 0.8 mg/mL aqueous solutions deposited on copper grids for
(A) P1 at pH 7 and 37 °C, (B) P2 at pH 7 and 37 °C,

Fig. S3. TEM images of 0.05 mg/mL aqueous solutions deposited on copper grids for (A)
P2 at pH 7 and 37 °C, (B) P2 at pH 10 and 25 °C.
**Fig. S4.** AFM image of P2 on mica at pH 7 and 47 °C corresponding to point IV in Fig. 3A.

**Fig. S5.** AFM images of 0.05 mg/mL aqueous solutions of P1 and P2 above their CP2, deposited on mica. (A) P1 at pH 7 and 55 °C, (B) P2 at pH 7 and 55 °C, (C) P1 at pH 10 and 37 °C, and (D) P2 at pH 10 and 37 °C.