Sequence Control over Thermo-Triggered Micellization and Smart Nanogels of Copolymers Based on PEGMA and Aldehyde-Functionalized Monomer

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Electronic Supplementary Information

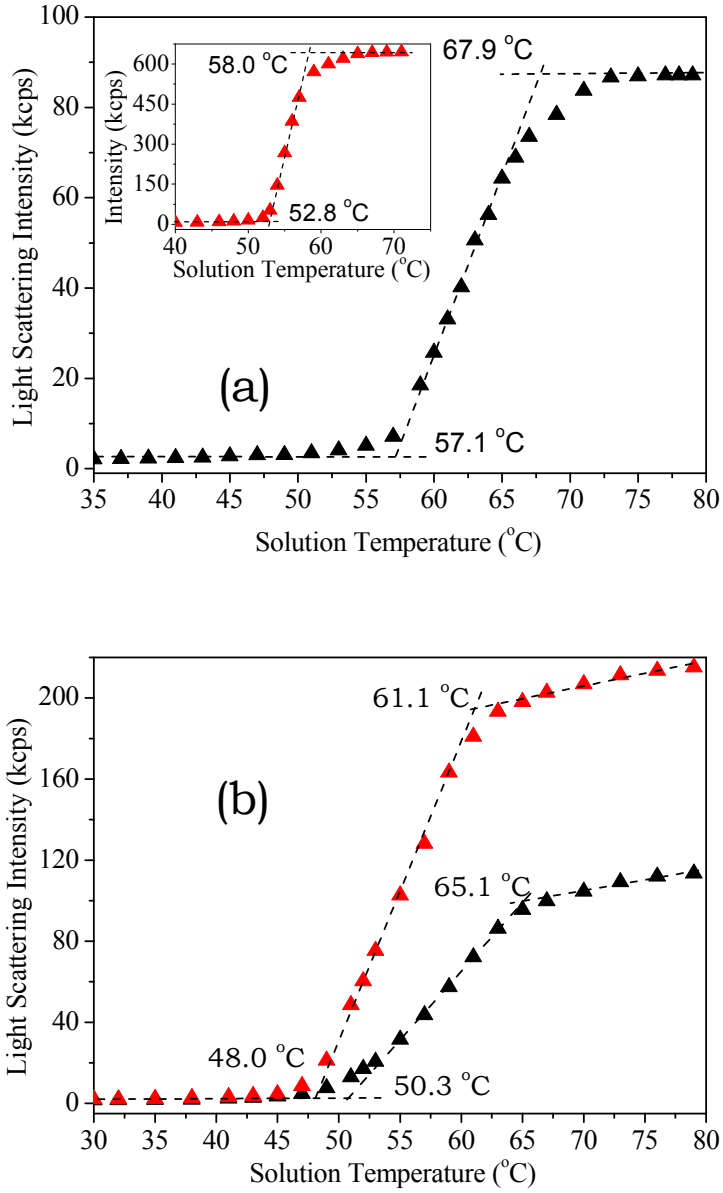

Fig. S1 Light scattering intensity of 1.0 mg mL^{-1} (red) or 0.5 mg mL^{-1} (black) of **(a)** P(FPHPMA$_{20}$-*ran*-PEGMA$_{25}$)-*b*-PFPHPMA$_6$ and **(b)** P(FPHPMA$_{26}$-*ran*-PEGMA$_{20}$)-*b*-PPEGMA$_6$ as a function of solution temperature upon heating.

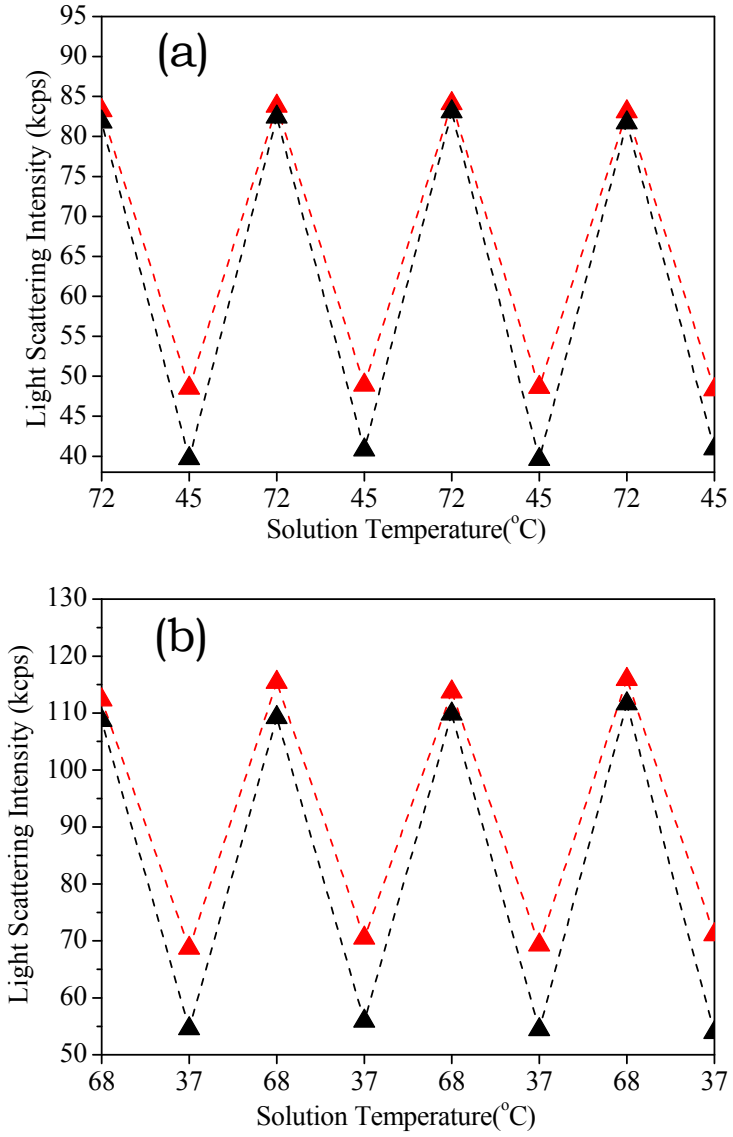

Fig. S2 Light scattering intensity of 0.5 mg mL^{-1} of **(a)** 1,6-hexamethylene-diamine-crosslinked nanogels of P(FPHPMA$_{20}$-*ran*-PEGMA$_{25}$)-*b*-PFPHPMA$_6$ (CP=57.1 °C, T_c=67.9 °C) upon repeatedly heating up to 72 °C and cooling down to 45 °C, or **(b)** 1,6-hexamethylene-diamine-crosslinked nanogels of P(FPHPMA$_{26}$-*ran*-PEGMA$_{20}$)-*b*-PPEGMA$_6$ (CP=50.3 °C, T_c=65.1 °C) upon repeatedly heating up to 68 °C and cooling down to 37 °C. The solutions were controlled at pH 8.5 (black) or pH 6.5 (red).