

## Influence of the Interplay of Crystallization and Chain Stretching on Micellar Morphologies: Solution Self-Assembly of Coil-Crystalline Poly(isoprene-*block*-ferrocenylsilane)

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### Supporting Information:

Molecular weights of the polymers were estimated by size exclusion chromatography (SEC) using Waters Associates 2690 Separations Module equipped with a column heater, ultrastyrigel columns with pore sizes of  $10^3$ - $10^5$  Å, in-line degasser, and a differential refractometer. A flow rate of 1.0 mL/min was used, and the eluent was THF. Polystyrene standards purchased from American Polymer Standards were used for calibration purposes. The 200 MHz  $^1\text{H}$  NMR spectra were recorded on a Varian Gemini 200 spectrometer with deuterated chloroform as the solvent. Transmission electron microscopy (TEM) measurements were carried out on a Hitachi model 600 electron microscope. The specimen was prepared as follows. Thin carbon films were grown on mica as a support. Then 25  $\mu\text{L}$  of a block copolymer micelle solution was sprayed onto the carbon film. Each carbon film was floated off the mica support in water and deposited onto a 300 mesh Gilder copper grid. The sample was air-dried before introduction into the electron microscope.