

Supramolecular mimics of phase separating covalent diblock copolymers

Jingyi Rao,¹ Emilia Paunescu,¹ Mohammad Mirmohades,¹ Ikhlas Gadwal,¹ Abbas Khaydarov,¹ Craig J. Hawker,^{2*} Joona Bang,^{3*} and Anzar Khan^{1*}

¹Department of Materials, Swiss Federal Institute of Technology (ETH), CH-8093 Zürich, Switzerland; ²Materials Research Laboratory and Department of Chemistry and Biochemistry, University of California, Santa Barbara, CA-93106, USA; ³Department of Chemical and Biochemical Engineering, Korea University, Seoul 136-701, Republic of Korea.

E-mail: hawker@mrl.ucsb.edu, joona@korea.ac.kr, anzar.khan@mat.ethz.ch

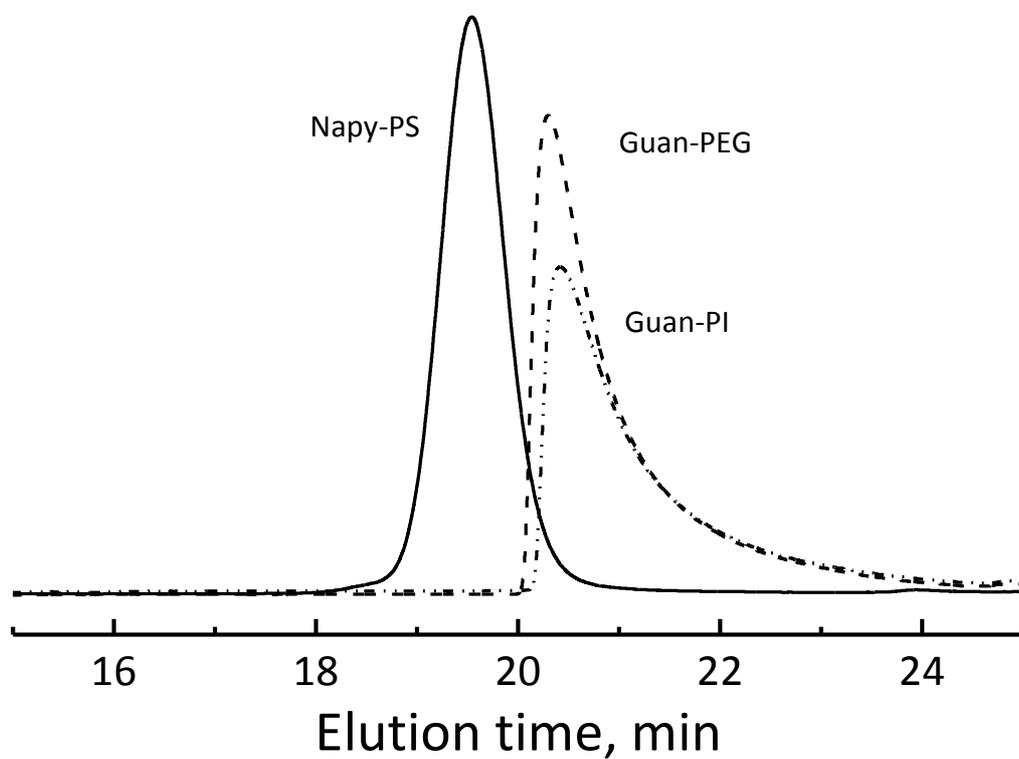


Figure S1. GPC traces of naphthyridine end-functionalized polystyrene (solid line), guanosine end-functionalized PEG (dash line), and guanosine end-functionalized PI (dash dot line).

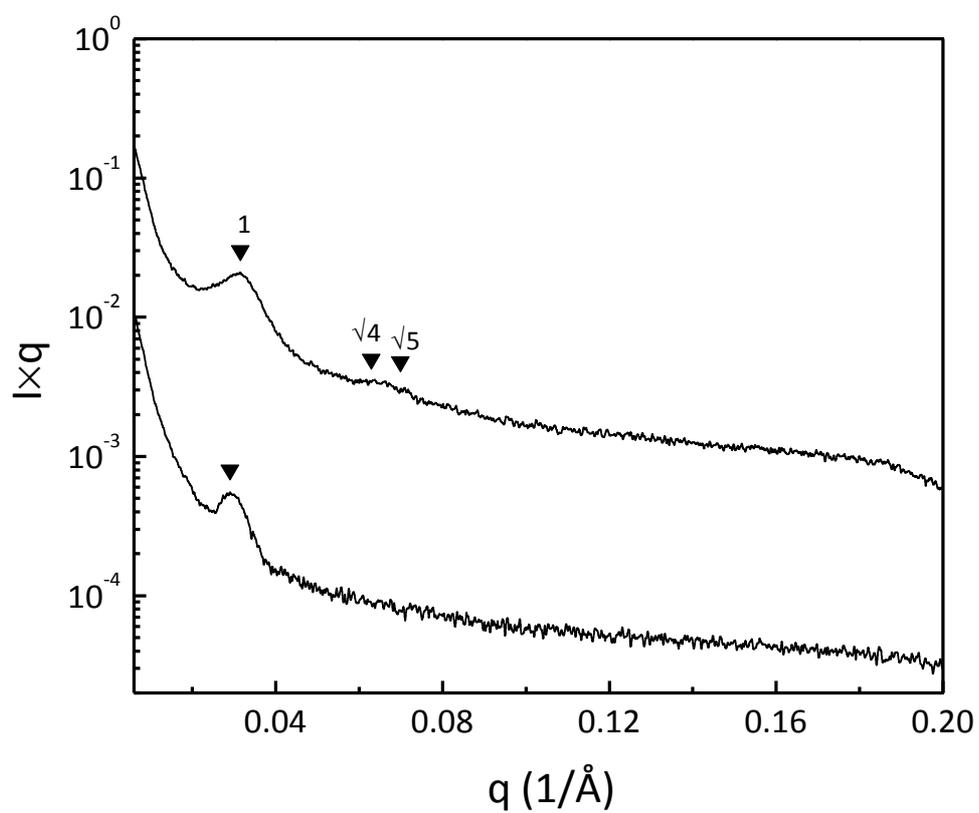


Figure S2. SAXS traces of supramolecular diblock copolymer **4** (PS-PEG, top) and **5** (PS-PI, bottom).

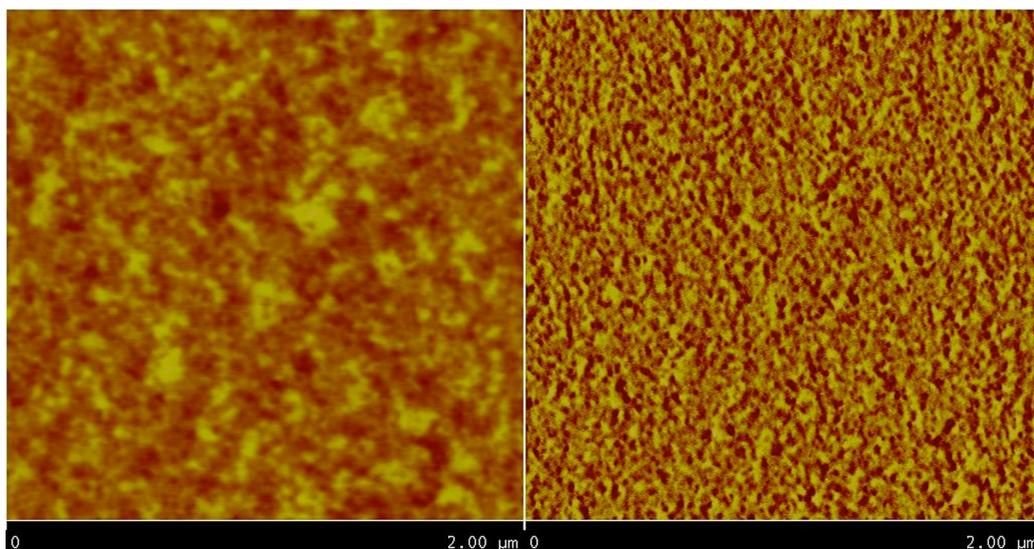


Figure S3. AFM image of the thin film of supramolecular polymer 5.

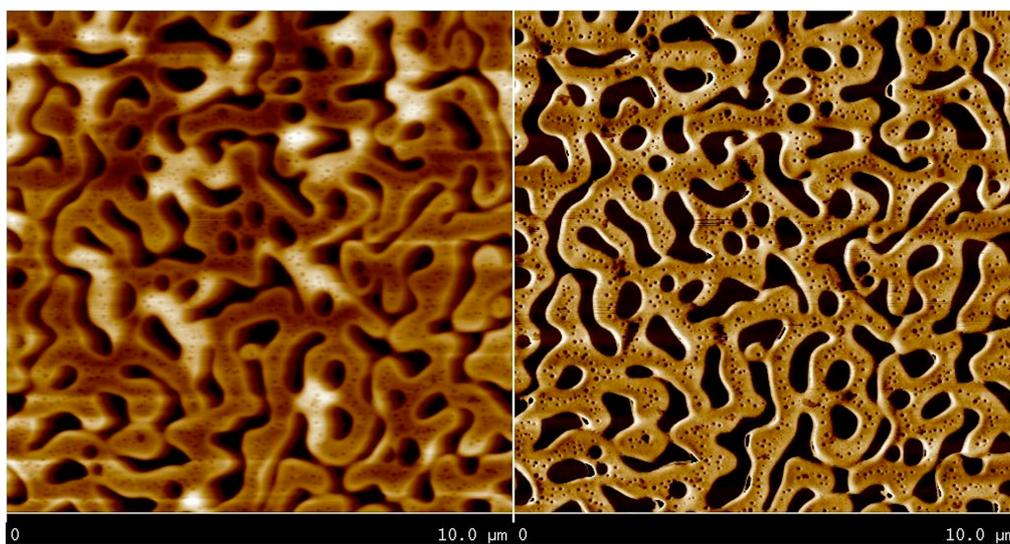


Figure S4. Large scale AFM image of a blend of un-functionalized PEG_{5kDa} and PS_{13kDa}.