Electronic Supplementary Information

Polyamino Amphiphile Mediated Supporting of Platinum Nanoparticles on PolyHIPE as an over 1500-time Recyclable Catalyst

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**Fig. S1.** UV/vis spectra of PEI@P(S-EHA) and PtNP@polymer in chloroform. Conditions: polymer: 0.01 g mL$^{-1}$

**Scheme S1.** Introduction of thiol groups to 4 by treating the amino protons with ethylene sulfide (the yellow represents PtNP).

**Fig. S2.** EDX mapping of sample S-5.
**Fig S3.** XPS spectrum of 4 after soaking in water for 1 d.