Supporting Information

End-functional stereoregular poly(methyl methacrylate) with clickable C=C bond: Facile synthesis and thiol-ene reaction.

Yasuhiro Kohsaka,^a Takashi Kurata,^a and Tatsuki Kitayama^a*

^a Department of Chemistry, Graduate School of Engineering Science, Osaka University

1-3 Machikaneyama-cho, Toyonaka, Osaka, Japan

e-mail: kitayama@chem.es.osaka-u.ac.jp



Scheme S1. Competitive reaction of 1a and EMA toward isotactic and syndiotactic PMMA living anions.



Figure S1. ¹H NMR spectra of (A) *it*-PMMA (run 6) and (B) *st*-PMMA (run 8) (500 MHz, CDCl₃, 55 °C).



Figure. S2. ¹H NMR spectra of end-functionalized PMMAs (500 MHz, 55 °C, CDCl₃). \times solvent peak, * Et₃N and its salt, # remaining excess thiols.