Supporting Information

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

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

*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. $^1$H NMR spectra of (A) $it$-PMMA (run 6) and (B) $st$-PMMA (run 8) (500 MHz, CDCl$_3$, 55 °C).
Figure. S2. $^1$H NMR spectra of end-functionalized PMMAs (500 MHz, 55 °C, CDCl$_3$).

× solvent peak, * Et$_3$N and its salt, # remaining excess thiols.