Supplementary Information

Figure S1 ¹H NMR spectra of SI1-b-PEEGE (a) and SI1-b-PG (b) taken in CDCl₃

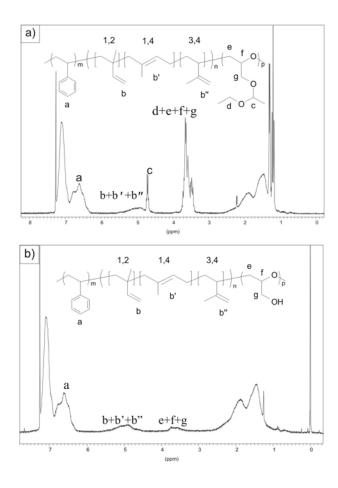
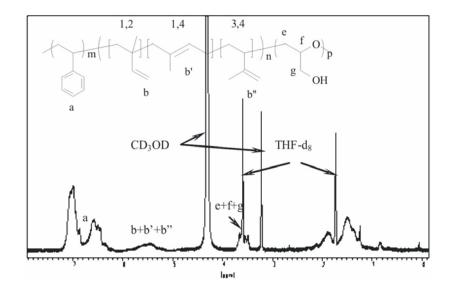


Figure S2 ¹H NMR spectra of SB2-PG 7.6 K taken in THF-d8/CD₃OD (2/1 molar ratio)



<u>Figure S3</u> ¹H NMR spectra of SB1-PG 7.8K taken in DO-d8 (a) and in DO-d8/D₂O (10%) mixture (b)

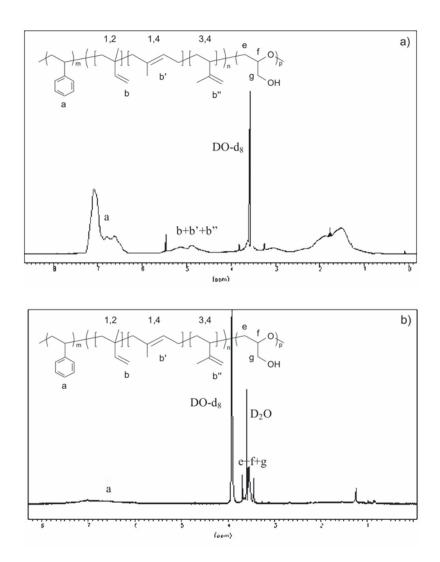


Figure S4 FTIR spectra of SI1-PG 3.7K before (a) and after (b) UV irradiation

