Figure S1a - FTIR spectrum for blocked-urethane oligomers H-10
Figure S1b - FTIR spectrum for blocked-urethane oligomers H-6
Figure S1c - FTIR spectrum for blocked-urethane oligomers I-6
Figure S1d - FTIR spectrum for blocked-urethane oligomers I-4
Figure S2a - FTIR spectra of the oligourethane H-20 before blocking with sodium bisulfite.
Figure S2b - FTIR spectra of the oligourethane H-20 after blocking with sodium bisulfite.

Figure S3 - Electrospray mass spectra of blocked-urethane oligomers H-6, H-10 and H-10 (left), and I-4, I-6 and I-10 (right).