**Electronic Supplementary Information**

**Photo-responsive Azo-functionalised Flexible Polymer Substrate for Liquid Crystal Alignment**

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**Figure S1**. FT-IR spectra recorded for (a) alkene-terminated compound (**B**) and (b) silane-

 terminated compound (**C**) respectively.



**Figure S2.**1H-NMR spectrum of alkene-terminated azo compound **(B).**

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**Figure S3.**1H-NMR spectrum of silane-terminated azocompound **(C).**