

Supplementary data

Control of Supramolecular Chirality for Polydiacetylene LB Films with the command Azobenzene Derivative Monolayer

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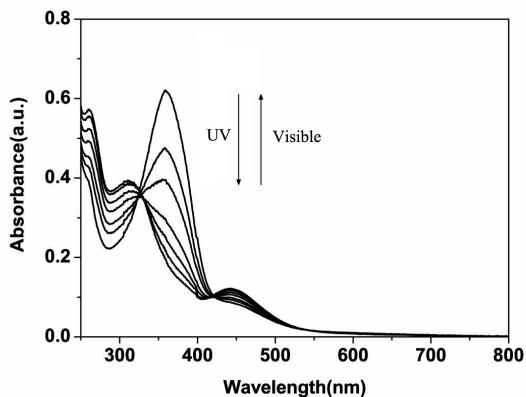


Figure S1. UV-vis spectra of DBA in chloroform solution in response to UV and visible irradiation

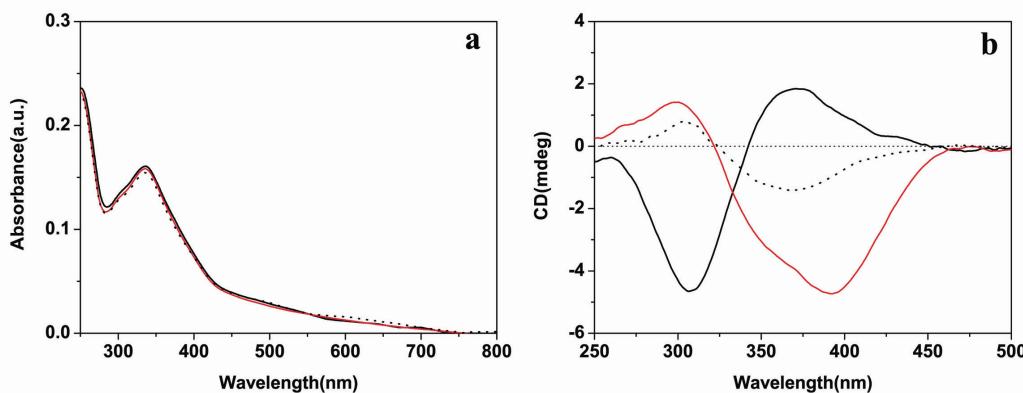


Figure S2. (a) UV-vis spectra and (b) CD spectra of DBA multilayer LB films before (dash line) and after (solid line) irradiated with left- or right-handed CPL.

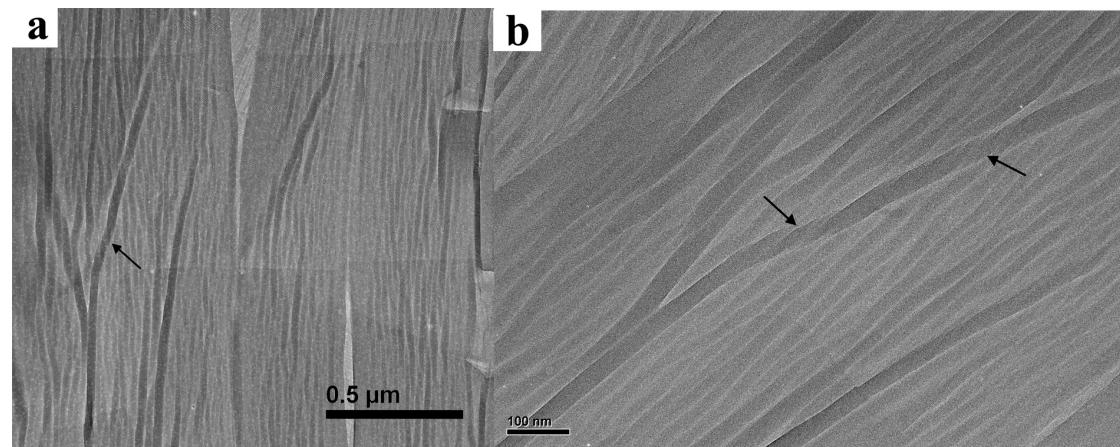


Figure S3 TEM images of the PTDA Langmuir film

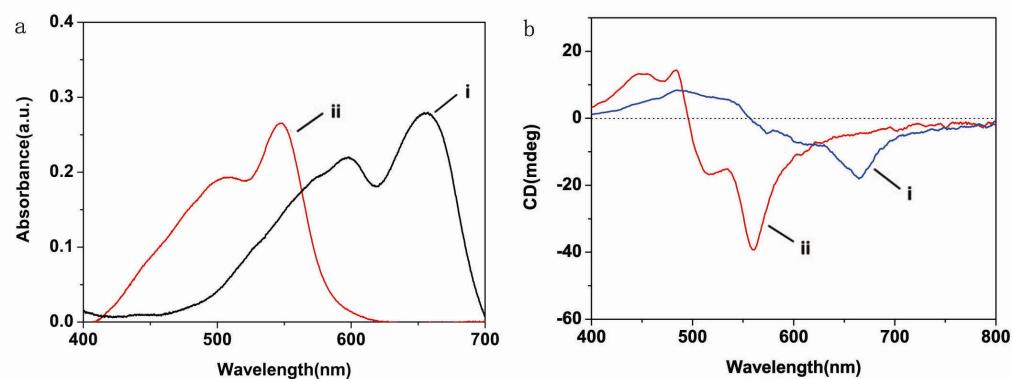


Figure S4. (a) UV-vis spectra of (i) before and (ii) after thermal treated PTDA/Azobenzene hybrid films and (b) CD spectra of (i) before and (ii) after thermal treated PTDA LB films.