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> Electronic Supplementary Information for Intermolecular hydrogen bonding controlled stereoselective photocycloaddition of vinyl ethers to 1-cyanonaphthalenes Hajime Maeda,* Hiroki Takenaka and Kazuhiko Mizuno*



Figure S1. Variable-temperature ¹H NMR spectra of a mixture of **1a** and **2b**, and that of **1a** and **2c** in CD₂Cl₂.



Figure S2. Variable-temperature ¹H NMR spectra of a mixture of 1c and 2a, and that of 1d and 2a in CD₂Cl₂.



Figure S3. Fluorescence quenching experiments of 1a-b by 2a-c ($[1a-b] = 1 \times 10^{-4} \text{ M}$ in benzene).



Figure S4. Fluorescence decay of 1a (left) and 1b (right) in benzene.