

Electronic Supplementary Information

The Impact of Aggregation on the p-Doping Kinetics of Poly(3-hexylthiophene)

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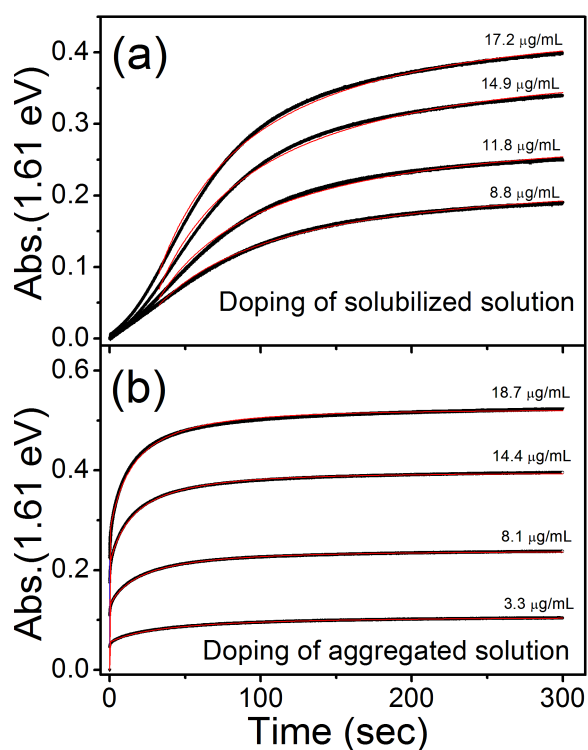


Figure S1: The 1.61 eV absorbance of p-doping products versus time for various (a) P3HT solubilized and (b) P3HT aggregated solutions mixed with excess amount of F₄-TCNQ. The initial concentrations of P3HT are marked in the image, and the initial concentration of F₄-TCNQ is 125 μg/mL. The red lines in (a) and (b) are Gaussian exponential fit curves as discussed in the main text.

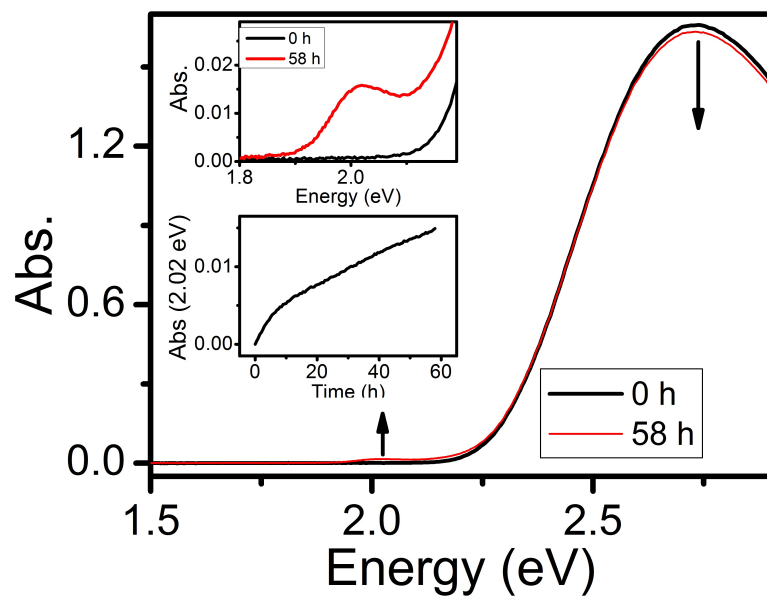


Figure S2: UV-Vis absorption spectra of a 30 µg/mL P3HT solubilized solution in toluene and its spectra after aging at room temperature for 58 h. The top inset displays the amplified spectra between 1.8 and 2.2 eV to show the aggregation peak at 2.02 eV. The bottom inset is the plot of the 2.02 eV absorbance versus time.