Supporting Information

Control of Molecular Orientations of Poly(3-hexylthiophene) on Self-Assembled
Monolayers: Molecular Dynamics Simulations

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Figure S1. Atomic charges for the (a) O3HT, (b) liner alkane, and (c) NH$_2$-terminated molecule used in MD simulations. For the evaluation method of the atomic charges, see Sec. 2 in the main text.
Figure S1. Continued.
Figure S2. Total potential energies as a function of simulation time for the model systems of P3HT on the CH₃-terminated and NH₂-terminated SAMs.
Figure S3. MD snapshots of simulation for the systems with a limited number of O3HT molecules. In (a)-(d), the SAM system is the CH$_3$-terminated SAM and the number of stacked O3HT molecules are two (a and b), four (c), and six (d). Panels (e)-(g) show the systems of two-, four-, and six-stacked O3HTs and the NH$_2$-terminated SAM, respectively. The simulation time is at 1.2 ns for (a) and 4 ns for the other panels. The O3HT takes the face-on orientation in (b) and (e) and the edge-on orientation in the other panels.
Figure S3. Continued.