

- Supporting Information -

**Simultaneous Enhancement of Charge Density and Molecular
Stacking Order of Polymer Semiconductors by Viologen
Dopants for High Performance Organic Field-Effect Transistors**

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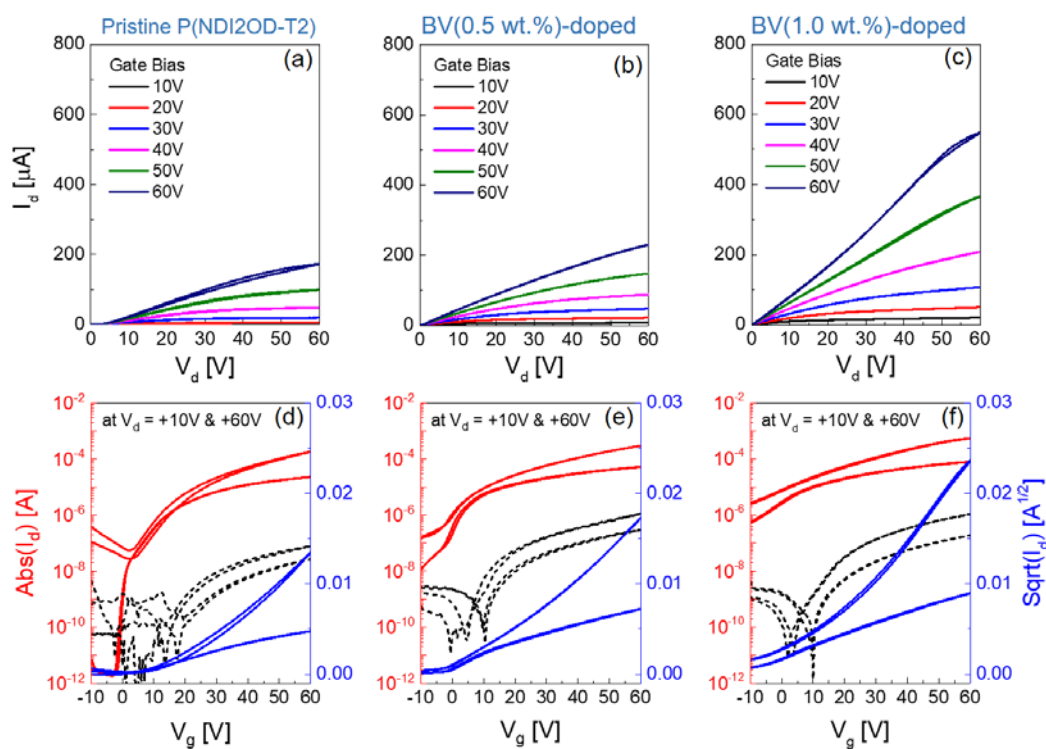


Fig. S1. (a-c) Output and (d-f) transfer curves of N-type OFETs based on (a,d) pristine, (b,e) BV(0.5 wt.%) -doped, and (c,f) BV(1.0 wt.%) -doped P(NDI2OD-T2).

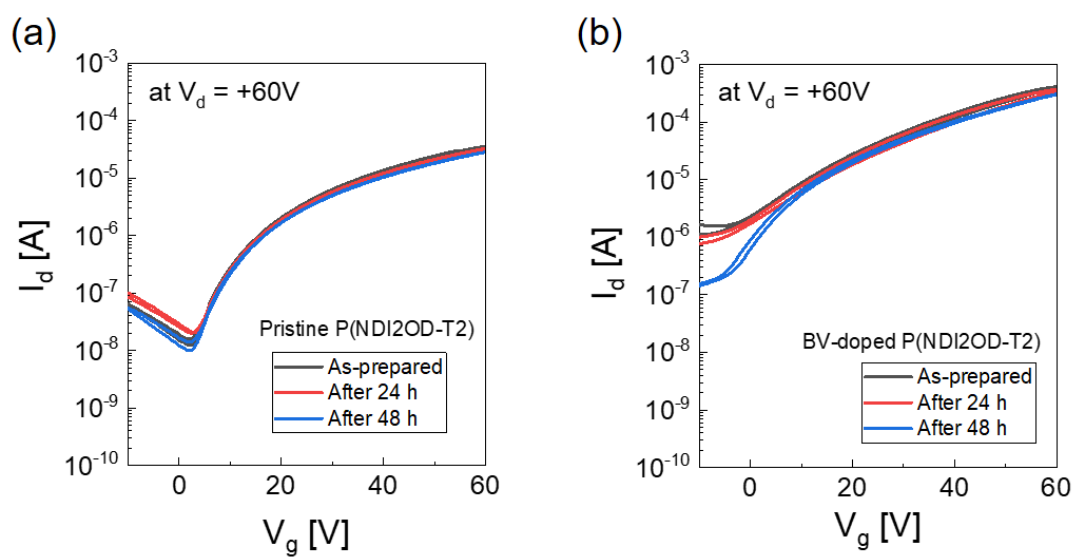


Fig. S2. Environmental stability test of pristine P(NDI2OD-T2) and BV(1.0 wt.%) -doped P(NDI2OD-T2) OFETs at the saturation region ($V_d = +60$ V). The transfer curves were measured after storage in air for 24 and 48 hours.