Supplementary Information

PBDT-TSR: A Highly Efficient Conjugated Polymer for Polymer Solar Cell with Regioregular Structure

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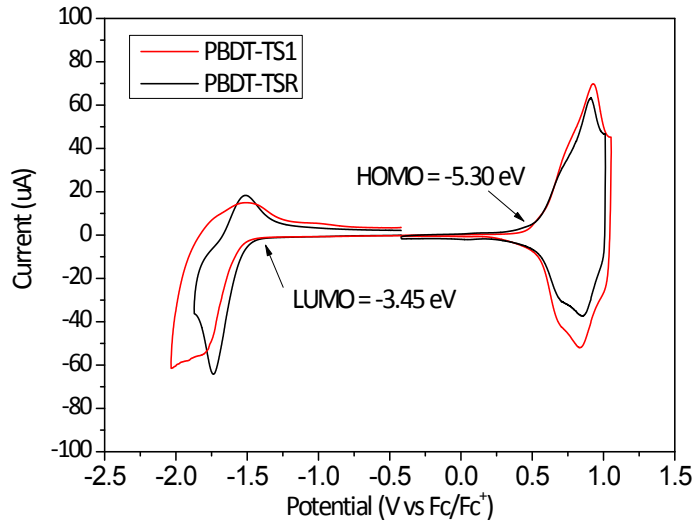


Fig. S1 The cyclic voltammograms plots of the PBDT-TS1 and PBDT-TSR films on the glassy carbon electrode in 0.1 M Bu_4NPF_6 acetonitrile solution at a scan rate of 50 mV/s.

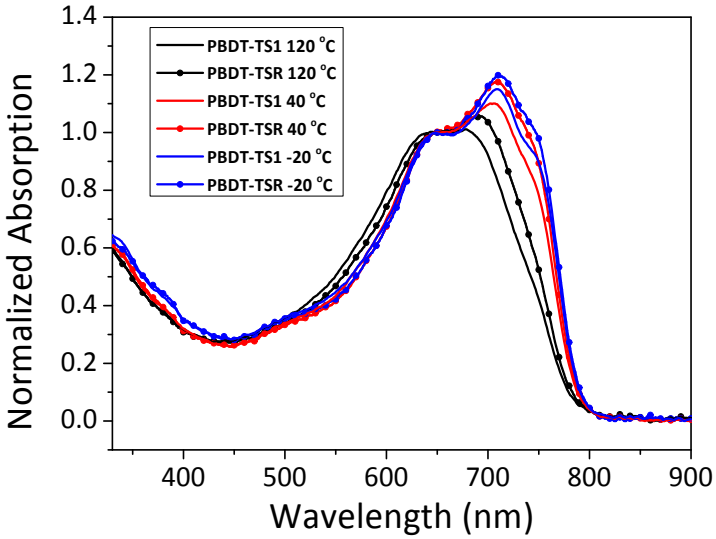


Fig. S2 Normalized absorption density of PBDT-TS1 and PBDT-TSR in dilute chlorobenzene solution at varied temperatures.

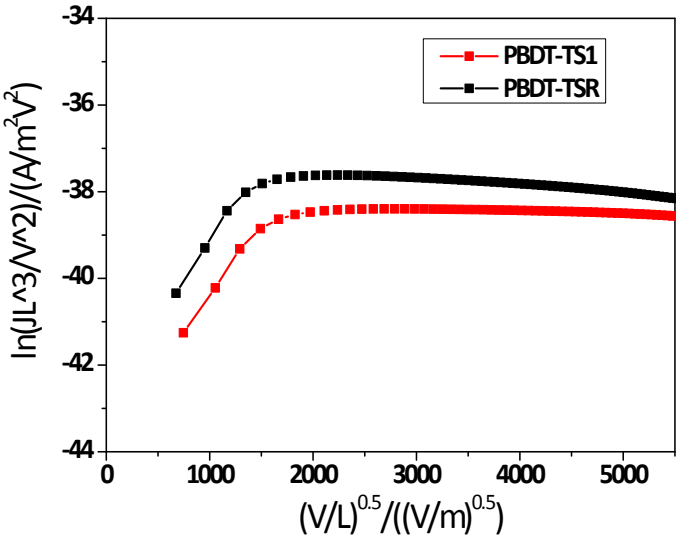
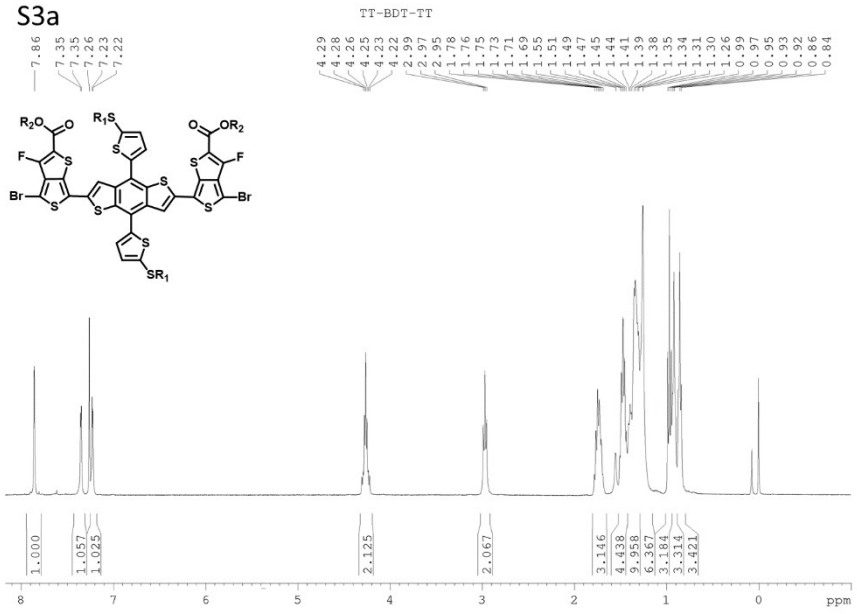


Fig. S3 ln(JL^3/V^2) versus $(V/L)^{0.5}$ plots of the polymer:$PC_{71}BM$ blends for the SCLC measurements.



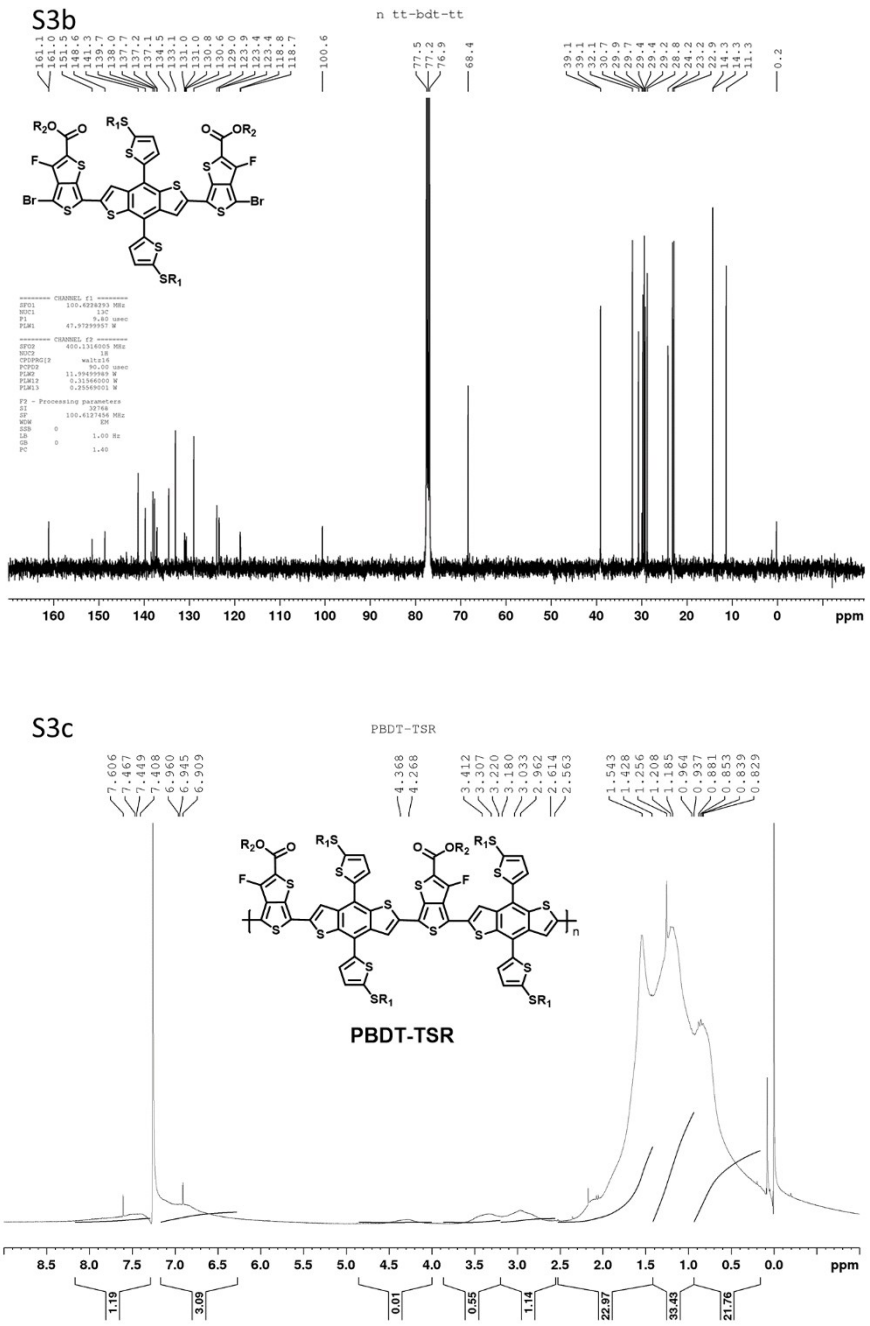


Fig. S4 NMR spectra of the monomer and the polymer (a) ^{1}H NMR, (b) ^{13}C NMR for TT-BDT-TT, and (c) ^{1}H NMR for PBDT-TSR.