A low band gap co-polymer of dithienogermole and 2,1,3benzothiadiazole by Suzuki polycondensation and its application in transistor and photovoltaic cells.

V_ = -5 V V_c: 0 to -60V 2.5 -60 V $\Delta V_{g} = -10 V$ 10⁻⁶ 2.0 -3 10 /10⁻³ A^{1/2} I_D/A I_D / μA 1.5 -2 12 10-6 1.0 D sat 0.5 10 HIR BE V = -8 V 0 ___ _{0.0} -60 -20 -40 0 -20 -40 -60 V_{g}/V V_D / V

Figure S1. Transfer (left) and output (right) characteristics bottom contact, top gate devices devices (L = 15 μ m, W = 10 mm).

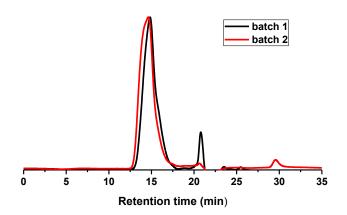


Figure S2. GPC elution traces of two batch of **PGeBTBT** in 80 °C chlorobenzene.

Supporting Information

Electronic Supplementary Material (ESI) for Journal of Materials Chemistry This journal is The Royal Society of Chemistry 2011