Supporting materials for

Synthesis and thin film transistors performance of poly(4,8-didodecylbenzo[1,2-b:4,5-b’]dithiophene)

Hualong Pan\textsuperscript{a}, Yuning Li\textsuperscript{b}, Yiliang Wu\textsuperscript{b}, Ping Liu\textsuperscript{b}, Beng Ong\textsuperscript{b*}, Shiping Zhu\textsuperscript{a}, Gu Xu\textsuperscript{a}

\textsuperscript{a} Department of Materials Science and Engineering, McMaster University
Hamilton, Ontario, Canada L8S 4L7

\textsuperscript{b} Advanced Materials and Printed Electronics Laboratory, Xerox Research Center of Canada
Mississauga, Canada L5K 2L1

* To whom correspondence should be addressed. Email: beng.ong@xrcc.xerolabs.com
Figure 1. Overlap of backbone of 3 from single crystal data (set middle phenyl rings parallel to paper)
Figure 2. Maldi-TOF results of 5

TH12
SZX10614R  119 (1.984) Sb (15,10.00 ); Sm (SG, 10x10.00); Cm ((2:6+17:38+57:138))

12-Dec-2005
TOF LD+
4.54e4