

Supporting Information

Balanced Ambipolar Organic Field-Effect Transistors by Polymer Preaggregation

Lukasz Janasz,¹ Adam Luczak,¹ Tomasz Marszalek,^{2,3} Bertrand G. R. Dupont,¹ Jaroslaw Jung,¹ Jacek Ulanski,^{,1} Wojciech Pisula^{*,1,4}*

1. Department of Molecular Physics, Faculty of Chemistry, Lodz University of Technology, Zeromskiego 116, 90-924 Lodz, Poland
e-mail: jacek.ulanski@p.lodz.pl
2. Organisch-Chemisches Institut, Ruprecht-Karls-Universität Heidelberg, 69120 Heidelberg, Germany
3. InnovationLab, Speyererstr. 4, 69115 Heidelberg, Germany
4. Max Planck Institute for Polymer Research, Ackermannweg 10, 55128 Mainz, Germany
e-mail: pisula@mpip-mainz.mpg.de

TABLE OF CONTENTS:

1. Figure S1. Output characteristics of OFETs with active films of pristine P3HT and PCBM (ratio 1:1) annealed at 75 °C and 120 °C.....	3
2. Figure S2. Output p-type and n-type characteristics of OFETs with active films of aggregated P3HT and PCBM (ratio 1:5) annealed at 75 °C.....	3
3. Figure S3. Output p-type and n-type characteristics of OFETs with active films of aggregated P3HT and PCBM (ratio 1:10) annealed at 75 °C	4
4. Figure S4. Output characteristics of OFETs with active films of pure P3HT and PCBM	4
5. Figure S5. Output characteristics of OFETs with active films prepared of pristine P3HT and PCBM (ratio 1:7) annealed at 75 °C and 120 °C.....	5
6. Figure S6. Output characteristics of OFETs with active films prepared of aggregated P3HT and PCBM (ratio 1:7) annealed at 75 °C and 120 °C.....	6

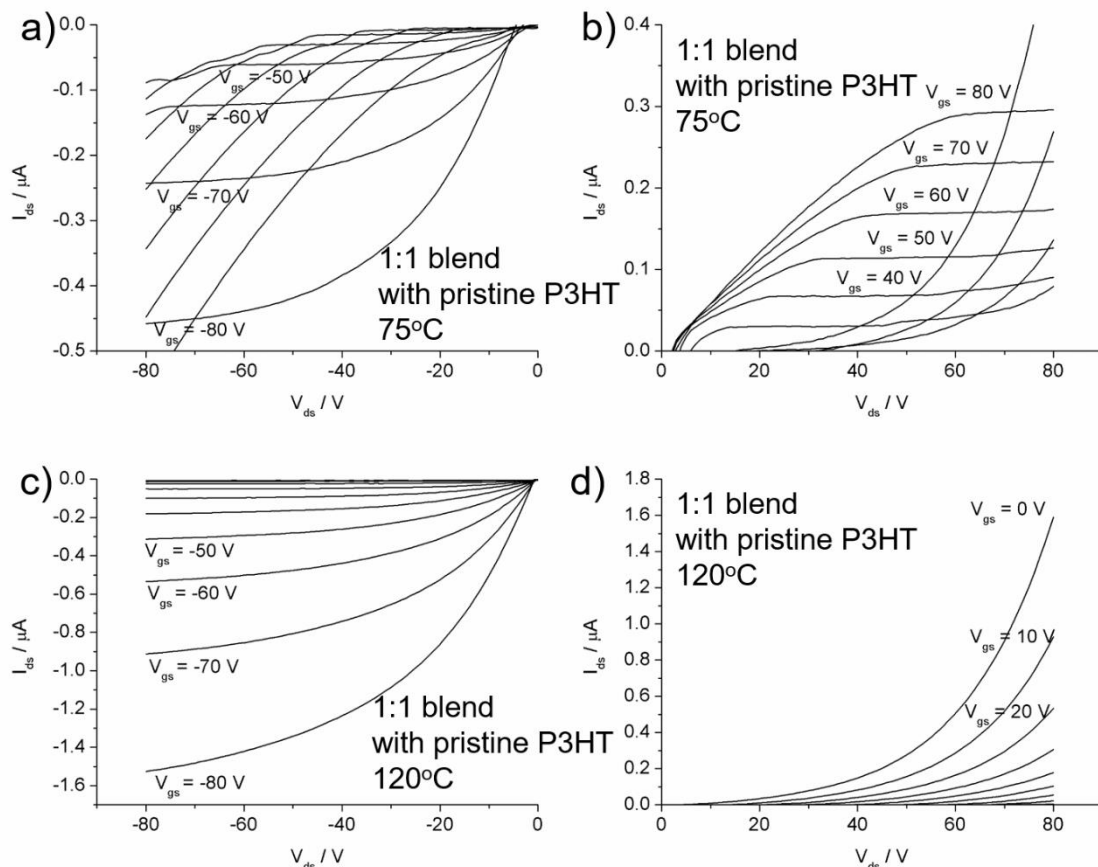


Figure S1. Output characteristics of OFETs with active films of pristine P3HT and PCBM (ratio 1:1) annealed at a), b) 75 °C and c), d) 120 °C.

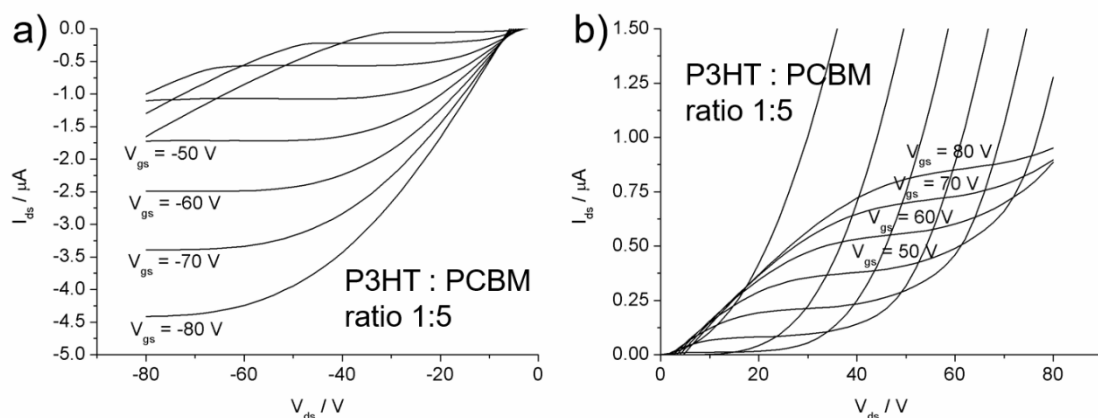


Figure S2. Output a) p-type and b) n-type characteristics of OFETs with active films of aggregated P3HT and PCBM (ratio 1:5) annealed at 75 °C.

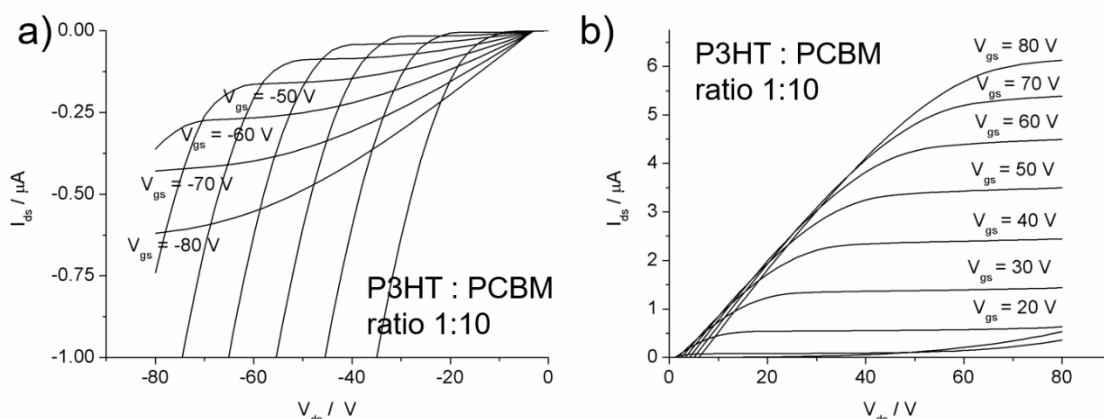


Figure S3. Output a) p-type and b) n-type characteristics of OFETs with active films of aggregated P3HT and PCBM (ratio 1:10) annealed at 75 °C.

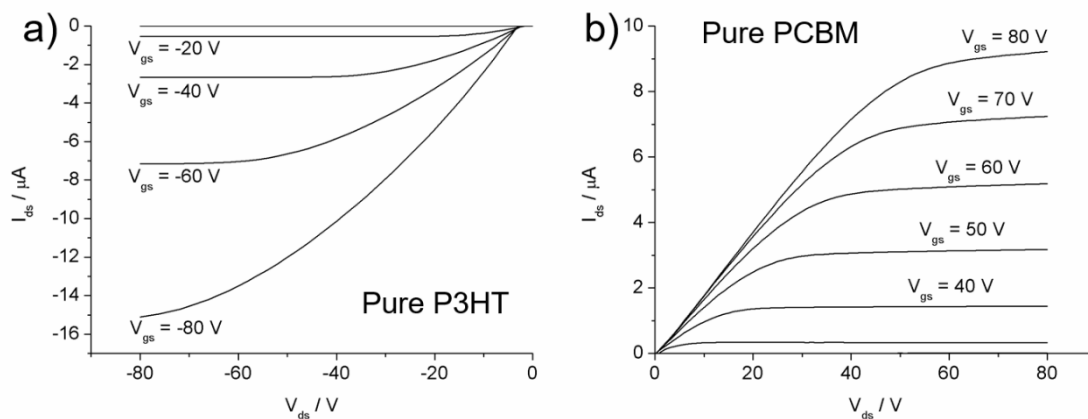


Figure S4. Output characteristics of OFETs with active films of pure a) P3HT and b) PCBM.

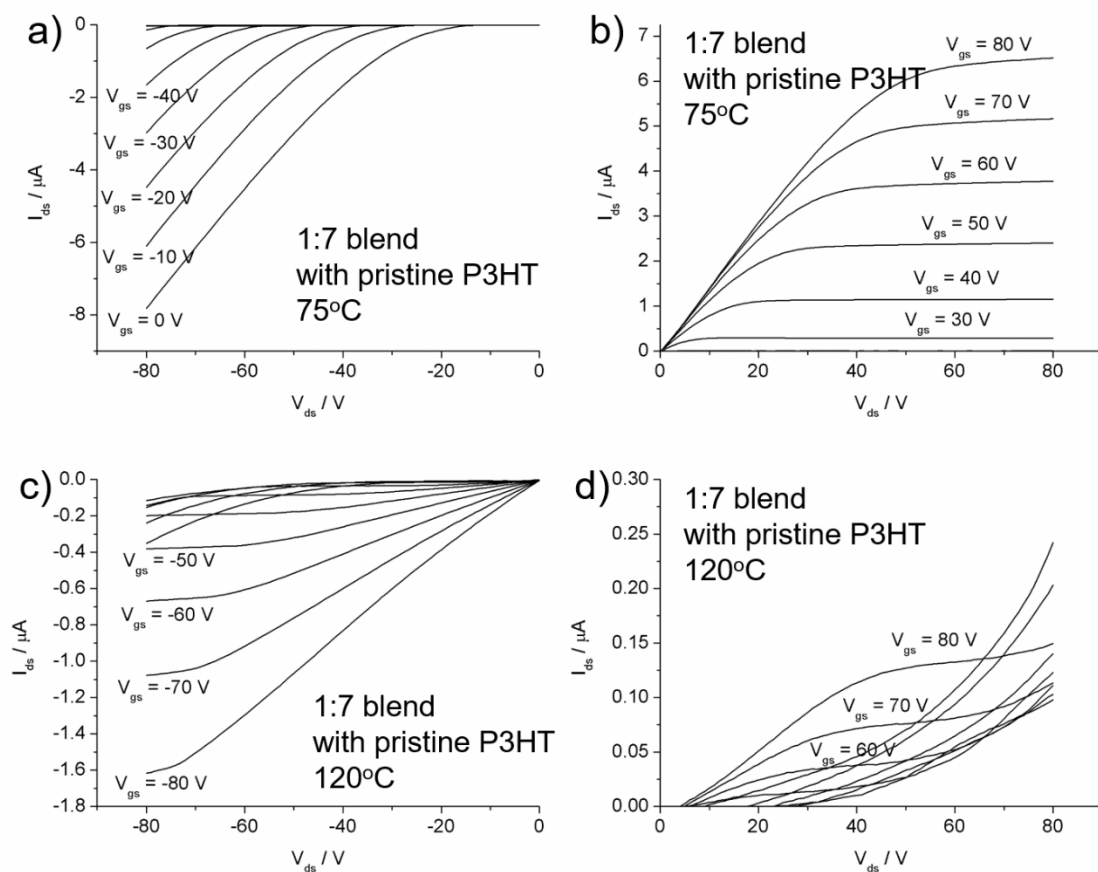


Figure S5. Output characteristics of OFETs with active films prepared of pristine P3HT and PCBM (ratio 1:7) annealed at a), b) 75 °C and c), d) 120 °C.

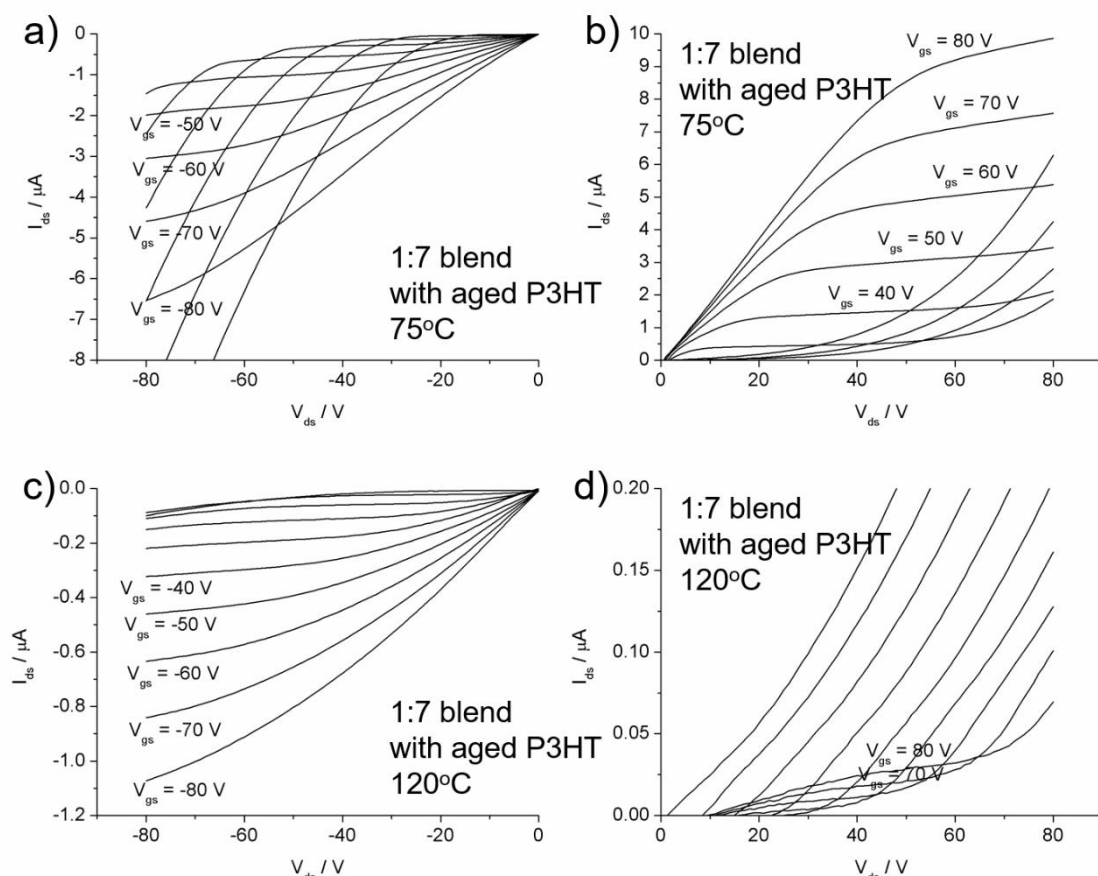


Figure S6. Output characteristics of OFETs with active films prepared from solution with aggregated P3HT and PCBM (ratio 1:7) annealed at a), b) 75 °C and c), d) 120 °C.

