Electronic Supplementary Information for

## Ordered Arrays of Defect-Modified Ferroelectric Polymer for Non-volatile Memory with Minimized Energy Consumption

Xiang-Zhong Chen,<sup>‡a</sup> Xin Chen,<sup>‡a</sup> Xu Guo,<sup>b</sup> Yu-Shuang Cui<sup>b</sup>, Qun-Dong Shen,<sup>\*a</sup> and Hai-Xiong Ge<sup>\*b</sup>

 <sup>a</sup> Department of Polymer Science & Engineering and Key Laboratory of High Performance Polymer Materials & Technology of MOE, School of Chemistry & Chemical Engineering, Nanjing University, Nanjing, 210093, China. E-mail: <u>qdshen@nju.edu.cn</u>
<sup>b</sup> Department of Materials Science & Engineering and National Laboratory of Solid State Microstructures, Nanjing University, Nanjing, 210093, China. E-mail: <u>haixiong@nju.edu.cn</u>
<sup>‡</sup> These authors have contributed equally to this work



Figure S1 Cross-section SEM image of nanoimprinted terpolymer Film.