Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2014

Supporting information

Theoretical studies on the dynamics of DNA fragment translocation through multilayer graphene nanopores

Lijun Liang^{1,2}, Zhisen Zhang¹, Jiawei Shen³, Kong Zhe⁴, Qi Wang^{1,*}, Tao Wu¹, Hans Ågren², and Yaoquan Tu^{2,*}

¹Department of Chemistry and Soft Matter Research Center, Zhejiang University, Hangzhou 310027, People's Republic of China

²Division of Theoretical Chemistry and Biology, School of Biotechnology, KTH Royal Institute of Technology, SE-10691 Stockholm, Sweden

³School of Medicine, Hangzhou Normal University, Hangzhou 310016, People's Republic of China

⁴College of Materials and Environmental Engineering, Hangzhou Dianzi University, Hangzhou, Zhejiang 310018, China

*Corresponding authors.

Fax: +86-571-87951895.

E-mail addresses:

qiwang@zju.edu.cn (Q. Wang)

tu@theochem.kth.se (Yaoquan Tu)

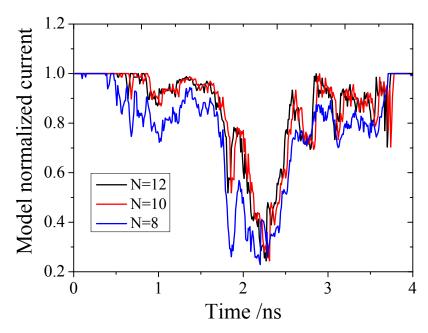


Fig. S1, Change of the model normalized current with respect to the number of parts N in the Z direction for the nanopore of 3 layers.