Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2015

## Graphene Oxide Hydrogel Improved Sensitivity In onedimensional photonic crystals for detection of beta-glucan

Jiaoyu Ren, a Hongyun Xuan, a Cihui Liu, a Chong Yao, a Yanxi Zhu, a Xuefan Liu, a Liqin Gea

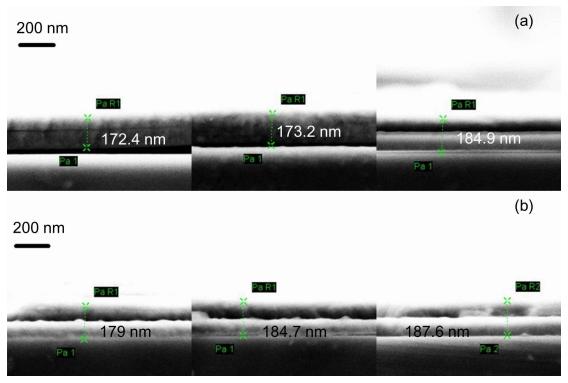


Figure S1 SEM images of TiO<sub>2</sub>/GO hydrogel 1DPhC with a PANI defect before (a) /after (b) detecting beta-glucan.