

SERS detection of glucose using graphene oxide-wrapped gold nanobones with silver coating

Jian Zhu*, Hui-fang Du, Qi Zhang, Jing Zhao, Guo-jun Weng, Jian-jun Li, Jun-
wu Zhao*

The Key Laboratory of Biomedical Information Engineering of Ministry of
Education, School of Life Science and Technology, Xi'an Jiaotong University,
Xi'an 710049, China

*** Corresponding author**

Telephone: 86-29-82664224

Fax numbers: 86-29-82664224

Email: zhujian@mail.xjtu.edu.cn; nanoptzhao@163.com

Address: School of Life Science and Technology,
Xi'an Jiaotong University,
Xi'an, 710049,
Peoples Republic of China

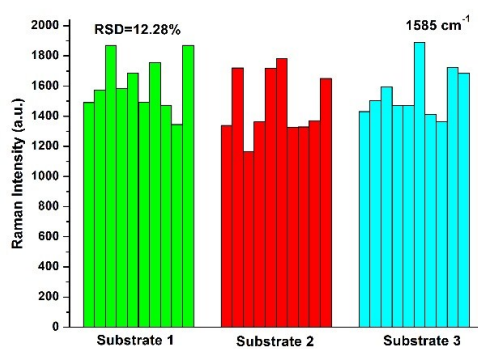


Figure S1 RSD of 4-MBA at 1585 cm^{-1} in the 10 spots SERS spectra of three substrates obtained from the same condition collected on the AuNBs@Ag@GO synthesized by 150 μL AgNO_3 and original GO solution: water = 1:9.