

Supplementary Information

Detection of Free DNA Based on Metal-Enhanced Fluorescence

Triggered by CRISPR-Cas12a and Colorimetric Analysis

Mingqiu Zheng^{1, a}, Yuyao Li^{1, a}, Liling Zhang^a, Chengyu Li^b, Menghan Liu^a, Hongwu

Tang^{a}*

¹These authors contributed equally: Mingqiu Zheng, Yuyao Li

^aCollege of Chemistry and Molecular Sciences, Wuhan University, Wuhan, 430072,

People's Republic of China

^bHubei Province Key Laboratory of Occupational Hazard Identification and Control,

School of Public Health, Medical College, Wuhan University of Science and

Technology, Wuhan, 430065, People's Republic of China

Supplementary figure legends

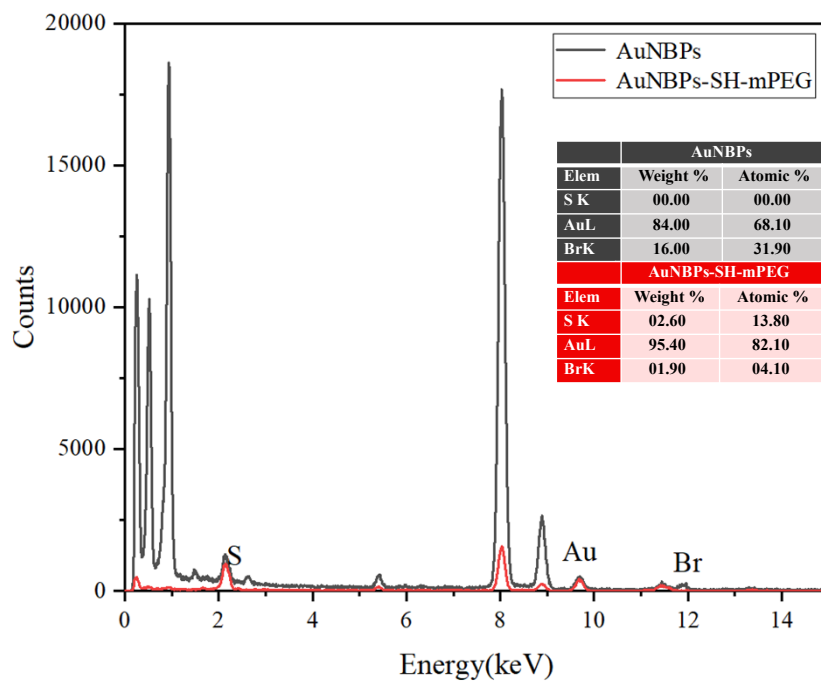


Figure S1 Energy Dispersive Spectroscopy (EDS) Analysis of Au, Br and S Elements of AuNBPs and AuNBPs-SH-mPEG.