Supporting Information

for

Incorporating doped carbon nanodots and metal ion as an excellent

artificial peroxidase for H_2O_2 detection

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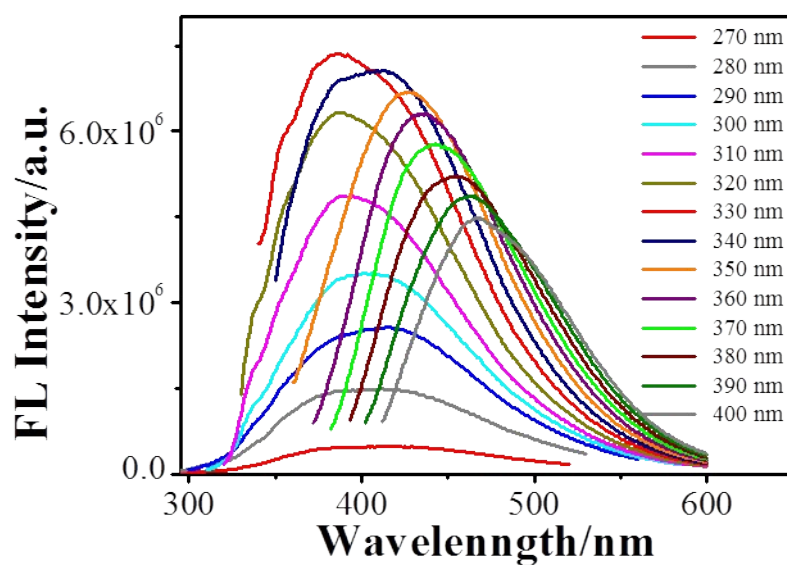*E-mail: wangzx198411@163.com;   wangw@ycit.edu.cn.*

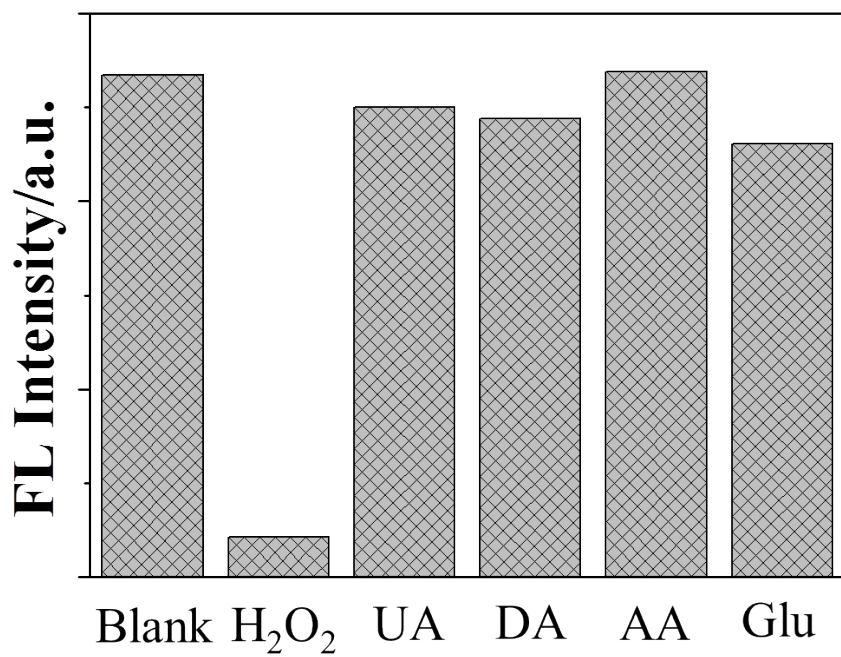Figure S1 FL spectra of the NCdots at different excitation wavelengths from 270 to 400 nm.

Figure S2 Selectivity of the NCdots-based detection system (RSD, 3.85%, n=5). The concentration of H_2O_2 is 300 mM, while those of the other substances are 500 mM. The final concentration of the NCdots is 20 $\mu g\ mL^{-1}$.