

Electronic Supplementary Information

Fluorescence amplification detection via terminal protection of small molecule-protein interactions

Sen Li,^a Yu Li,^a Hongwei Yu,^a Zhan Wu,^b Jianhui Jiang,^b Ruqin Yu^b
and Yuansheng Wang ^{*a}

^aCollege of Science, The Naval University of Engineering, Wuhan, 430000, P. R.
China. Tel./Fax: 0086-027-68771774;

^bState Key Laboratory for Chemo/Biosensing and Chemometrics, College of
Chemistry and Chemical Engineering, Hunan University, Changsha, 410082, P. R.
China. Tel.: 86-731-8822577; fax: 86-731-8822782.

*Corresponding author
Tel. /Fax: 0086-027-68771774

E-mail address: qianxun8965@163.com.

Table S1. Comparison of analytical performance of some assays for IAA detection.

Analytical method	Detection limit	Reference
Microgravimetric sensor	200ng/mL	1
Chemiluminescence sensor	0.01ng/mL	2
Colorimetric luminescence sensor	1mM	3
Fluorescence sensor based on QDs	0.1ng/mL	4
Electrochemical sensor	3 pg/ μ L	5
Fluorescence amplification assay via terminal protection	0.4nM	This work

Table S2. Sequences of DNA oligonucleotides

Name	Sequences (5'-3')
probe 1	ATATATTTTTTTTTTCTGGGTAAAGGTT-NH ₂
probe 2	(FAM)-ACCTT(BHQ-1)AACCCAG

Notes and references

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