Label-free Dual-mode Sensing Platform Based on Target-regulated CRISPR-Cas12a Activity for Ochratoxin A in *Morinda officinal*

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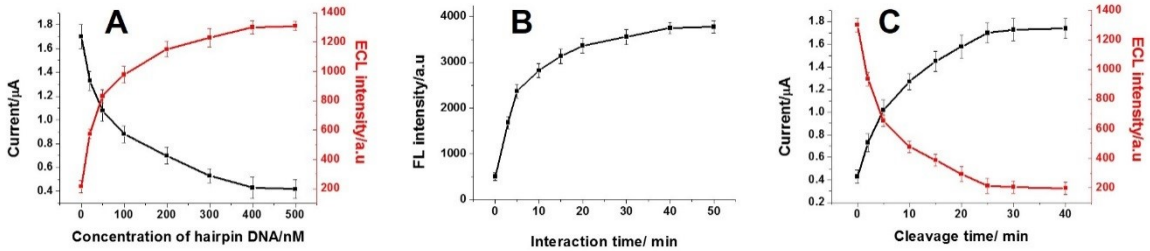

Fig. S1 Optimum conditions. A) The concentration of hairpin DNA; B) The interaction time of OTA and CRISPR-Cas12a; C) The cleavage time of hairpin DNA by CRISPR-Cas12a.

Table S1 Comparison of the developed dual-mode sensing platform with others for OTA detection

Methods	Linear range	LOD	ref
Colorimetry	2.52–302.85 ng/mL	2.019 ng/mL	[1]
Fluorescence	1 - 1000 ng/mL	0.63 ng/mL	[2]
Fluorescence	5–500 ng/mL	2.3 ng/mL	[3]
Fluorescence	0.015–100 ng/mL	5.4 ng/mL	[4]
Electrochemistry	0.01 -10.0 ng/mL	3 pg/mL	[5]
Electrochemistry	0.05–10 ng/mL	50 pg/mL	[6]
ECL	0.0202–2.02 ng/mL	4.84 ng/mL	[7]
ECL	1–100 ng/mL	0.89 ng/mL	[8]
Electrochemistry and ECL	1-5000 pg/mL	0.29 pg/mL 0.37 pg/mL	This work

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