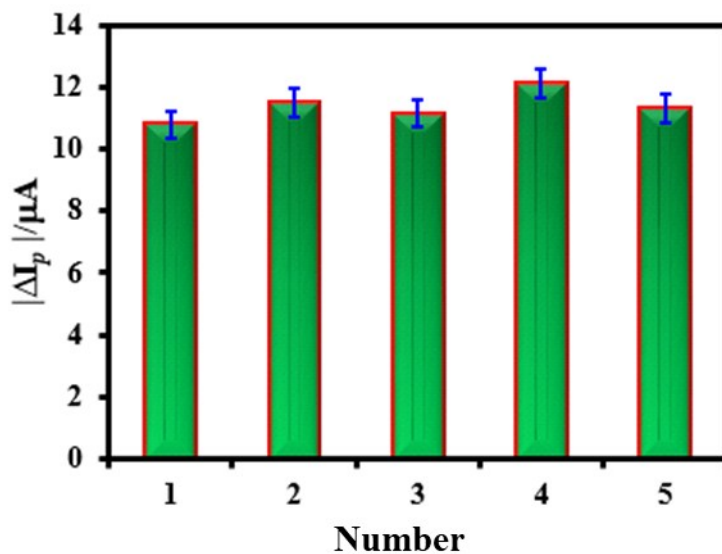


Supporting information for:

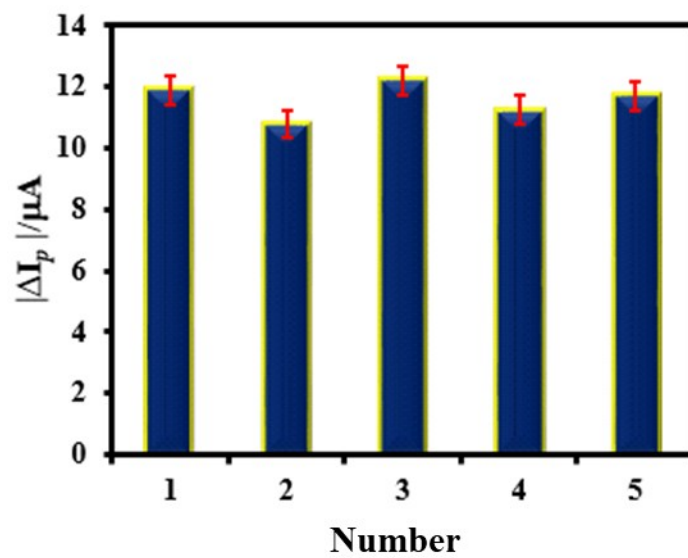
**A nanoporous gold-based electrochemical aptasensor for sensitive detection of cocaine**

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**Fig. S1.** SWV response of the aptasensor for 5 consecutive scans with the same electrode in 10  $\mu M$  cocaine solution.



**Fig. S2.** SWV response of 5 independently modified electrodes toward 10 μM cocaine.