Supporting information

A simple colorimetric sensor based on the conformational change of aptamer and salt-induced gold nanoparticles aggregation

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**Fig. S1 (A)** Typical TEM image of gold nanoparticles. Scale bar in TEM image is 20 nm. **(B)** UV-vis absorption spectra of gold nanoparticles.

**Fig. S2** a secondary structure of anti-K⁺ aptamer.