Electronic Supplementary Information

Exonuclease III-assisted signal amplification strategy for sensitive fluorescence detection of polynucleotide kinase based on poly(thymine)-templated copper nanoparticles

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Fig. S1 Optimization of the concentration of HP DNA probe. Error bars represent the standard deviation of three experiments.



Fig. S2 Optimization of the concentration of tDNA. Error bars represent the standard deviation of three experiments.



Fig. S3 Optimization of the concentration of cDNA. Error bars represent the standard deviation of three experiments.



Fig. S4 Optimization of the concentration of λ exo. Error bars represent the standard deviation of three experiments.



Fig. S5 Optimization of the concentration of Exo III. Error bars represent the standard deviation of three experiments.



Fig. S6 Optimization of the concentration of VC. Error bars represent the standard deviation of three experiments.



Fig. S7 Optimization of the concentration of Cu^{2+} . Error bars represent the standard deviation of three experiments.