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CORRECTION

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Correction: A fluorescent aptasensor for ATP based on functional DNAzyme/walker and terminal deoxynucleotidyl transferase-assisted formation of DNA-AgNCs

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Correction for 'A fluorescent aptasensor for ATP based on functional DNAzyme/walker and terminal deoxynucleotidyl transferase-assisted formation of DNA-AgNCs' by Shixin Cai *et al.*, *Analyst*, 2023, **148**, 799–805, https://doi.org/10.1039/D2AN02006H.

The authors regret that incorrect versions of Fig. 2–4 were published. The correct figures and the corresponding figure legends are as follows:

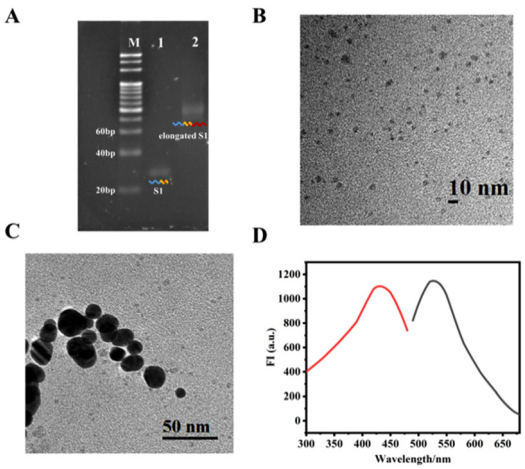

Fig. 2 (A) PAGE image for verification of the elongation of the S1 strand. Lane M: 20 bp DNA marker; lane 1: 1 μM S1 before elongation; lane 2: 1 μM S1 elongated by 280 U mL^{-1} TDT (elongated S1). (B) TEM image of DNA-AgNCs. (C) TEM image of Fe_3O_4@Au-AgNCs. (D) Fluorescence excitation spectrum (red) and emission spectrum (black) of Fe_3O_4@Au-AgNCs.

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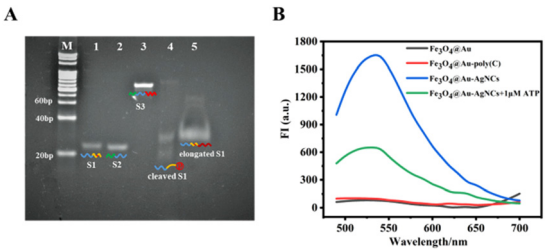

Fig. 3 Verification of the feasibility of the fluorescent aptasensor. (A) PAGE image for verification of the change of strands modified on Fe_3O_4@Au. Lane M: 20 bp DNA marker; lane 1: 1 μM S1; lane 2: 1 μM S2; lane 3: 0.5 μM S3; lane 4: the DNA strands released from Fe_3O_4@Au in the presence of 10 μM ATP; and lane 5: the DNA strands released from Fe_3O_4@Au in the absence of ATP. (B) Fluorescence emission spectra obtained under different conditions: Fe_3O_4@Au (black), Fe_3O_4@Au-poly(C) (red), Fe_3O_4@Au-AgNCs (blue) and Fe_3O_4@Au-AgNCs + 1 μM ATP (green).

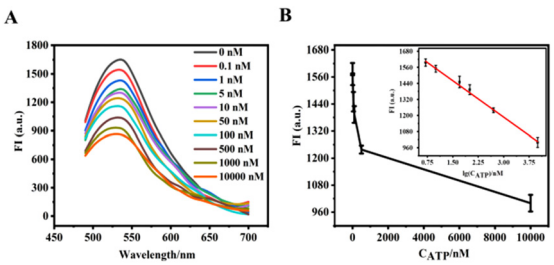

Fig. 4 (A) The fluorescence emission spectra of the detection system recorded in the presence of different concentrations of ATP; (B) the relationship between the fluorescence intensity and the ATP concentration. Inset shows the linear relationship.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.