Electronic Supplementary Information

Gold Nanorods-based FRET assay for sensitive detection of Pb^{2+}

using 8-17DNAzyme

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Fig. S1 TEM images of GNRs.

Fig. S2 UV-vis absorption of GNRs.
Fig. S3 (A) Optimization of the quencher and recover reaction time and (B) the amount of gold nanorods. The concentration of F-17S/17E duplex and Pb$^{2+}$ ions were 10 nM.