

Supplementary Information

Highly fluorescent peptide nanoribbons impregnated with Sn-porphyrin as a potent DNA sensor

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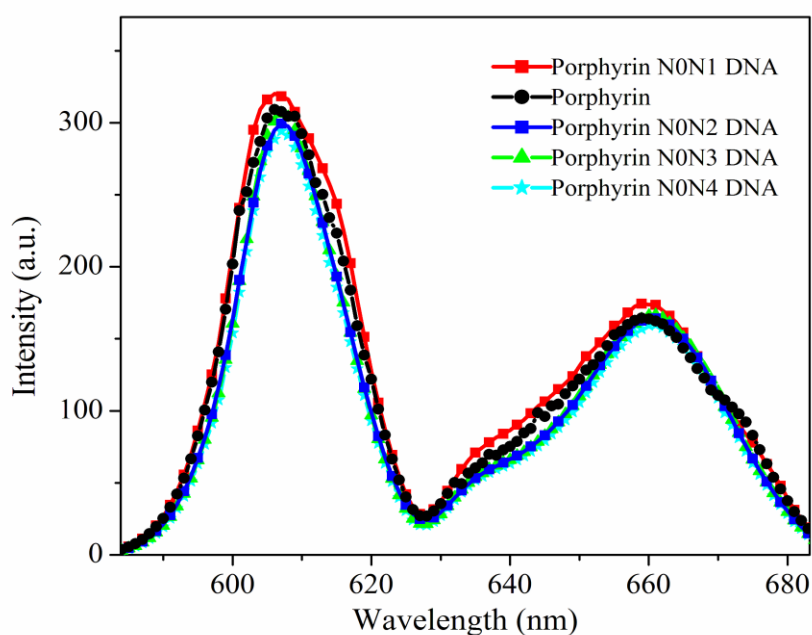


Fig S1. Fluorescence emission spectra of Sn-porphyrin in the presence of target DNA and non target DNA sequences. Concentration of DNAs was 5 μ M. The samples are excited at 430 nm.

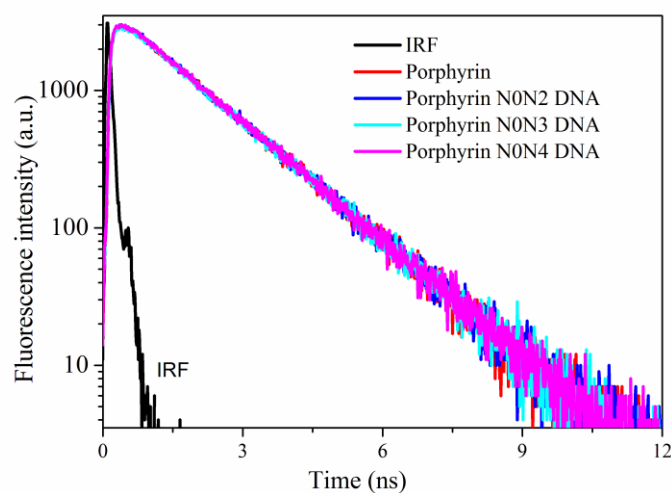


Fig S2. Fluorescence decay profile of Sn-porphyrin in the presence of non-target DNA sequences. The fluorescence emission was monitored at 610 nm. Concentration of DNAs was 5 μM .

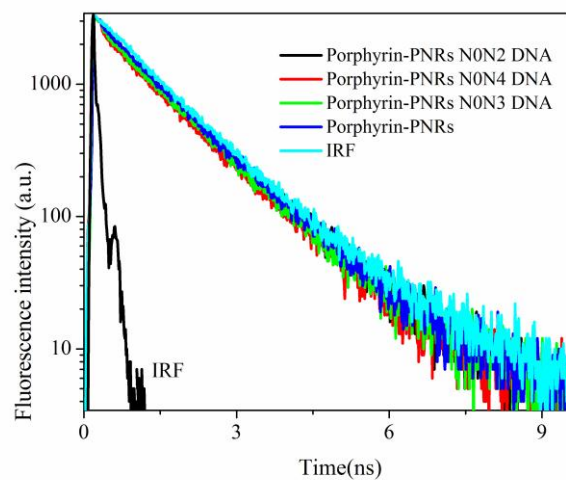


Fig S3. Fluorescence decay profile of Sn-porphyrin-PNRs in the presence of non-target DNA sequences. The fluorescence emission was monitored at 610 nm. Concentration of DNAs was 5 μM .

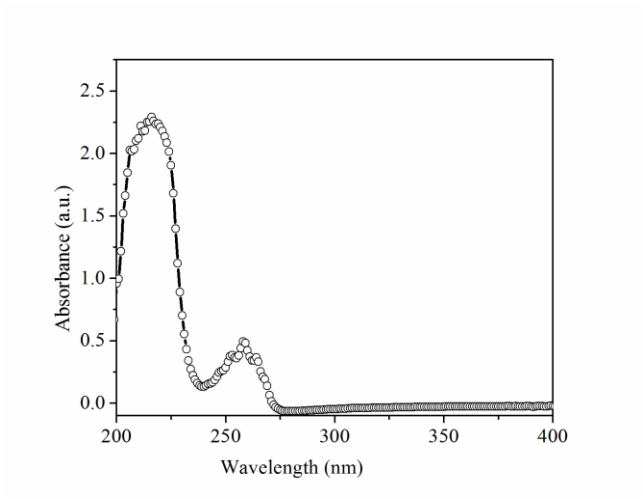


Fig. S4. Absorption spectra of diphenyl alanine peptide nanoribbons.