

SUPPORTING INFORMATION

Chemiluminescence and Chemiluminescence Resonance Energy Transfer (CRET) Aptamer Sensors Using Catalytic Hemin/G-Quadruplex

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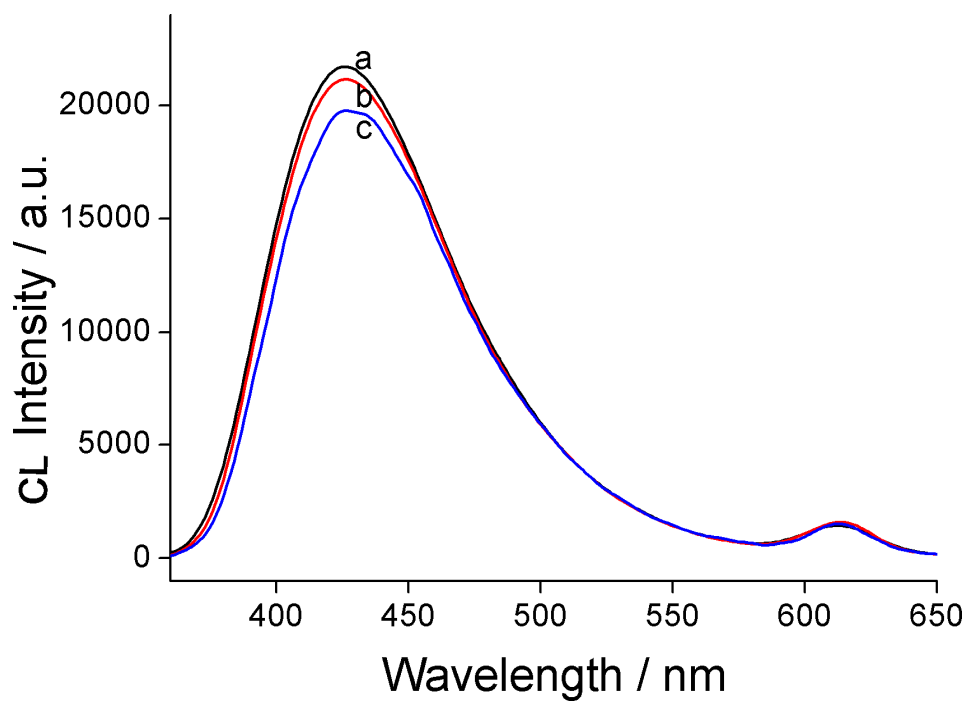


Figure S1. Luminescence spectrum corresponding to the CRET signal of the QDs modified with a foreign, non aptmeric G-quadruplex sequence, (7), in the absence of ATP, curve (a) and in the presence of different concentration of ATP: (b) 0.1 mM (c) 1 mM.

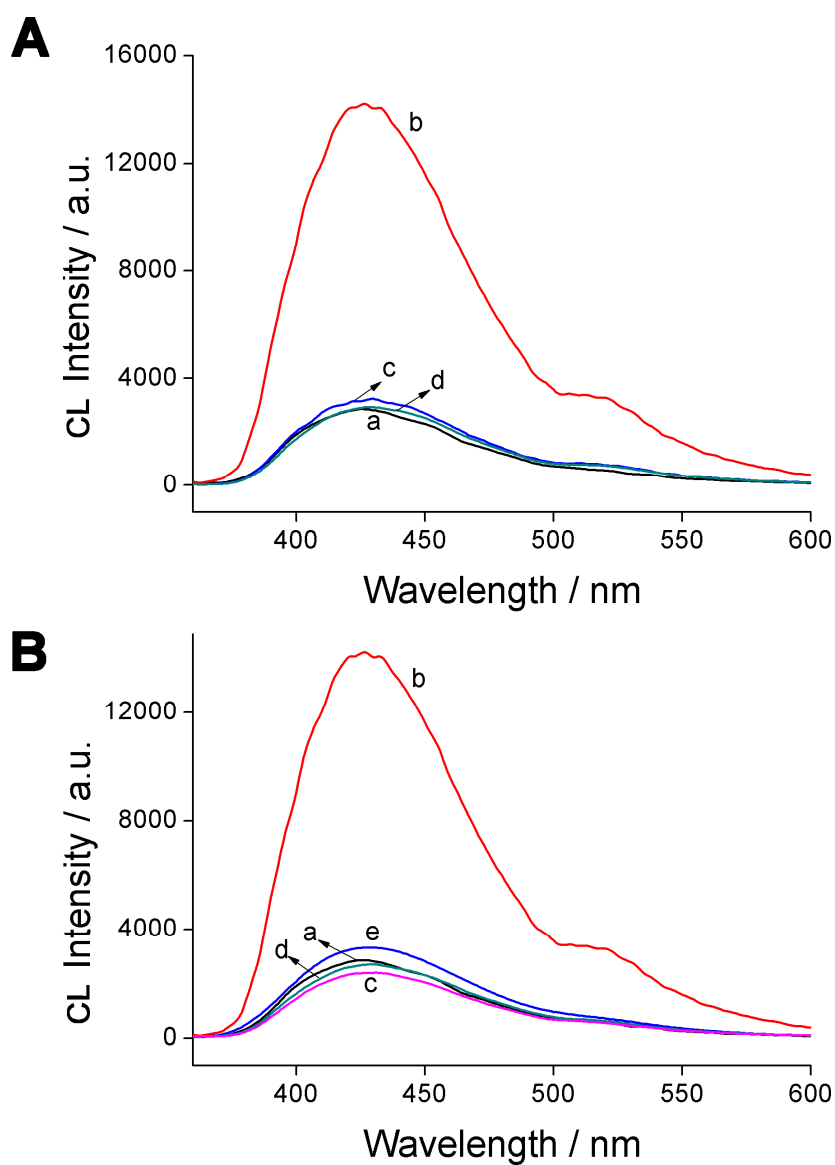


Figure S2. (A) Luminescence spectrum corresponding to the CRET signal of the Fluorescein dye in the absence of ATP, curve (a), and in the presence of (b) ATP, 0.8mM (c) AMP, 1mM (d) ADP, 1mM. (B) Luminescence spectrum corresponding to the CRET signal of the Fluorescein dye in the absence of ATP, curve (a), and in the presence of (b) ATP, 1mM (c) UTP, 1mM (d) GTP, 1mM (e) CTP, 1mM.