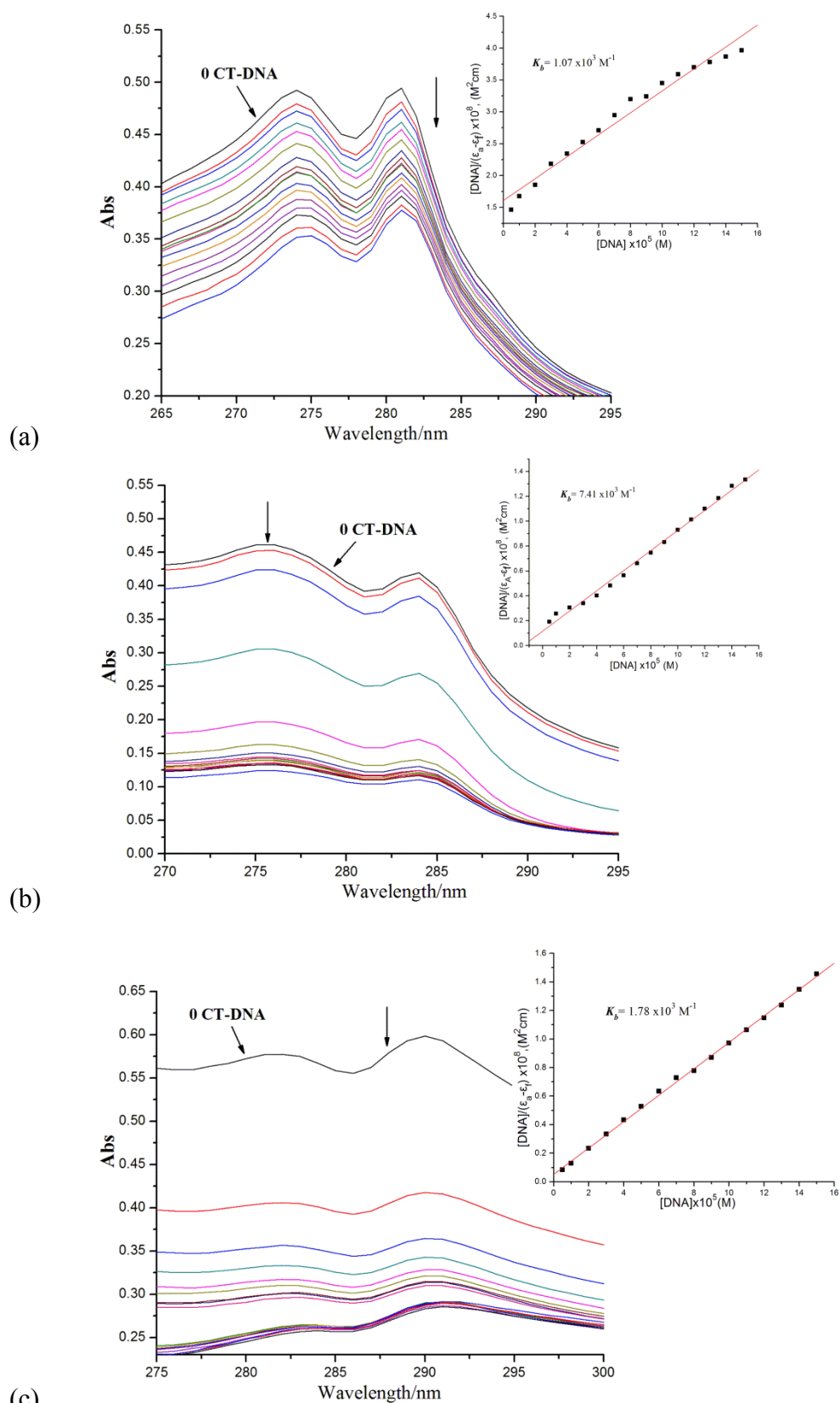




(c)
Fig. S1. Absorption spectra of compound in the presence of CT-DNA (the DNA absorption was subtracted). The concentration of complexes (a) L1, (b) L2, and (c) L3 was kept constant at $3 \times 10^{-5} \text{ M}$. Arrows show the absorbance changes upon increasing DNA concentration. Inset: Plots of $[DNA]/(\epsilon_a - \epsilon_f)$ versus for the titration of DNA with compound; ■, experimental data points; solid line, linear fitting of the data.

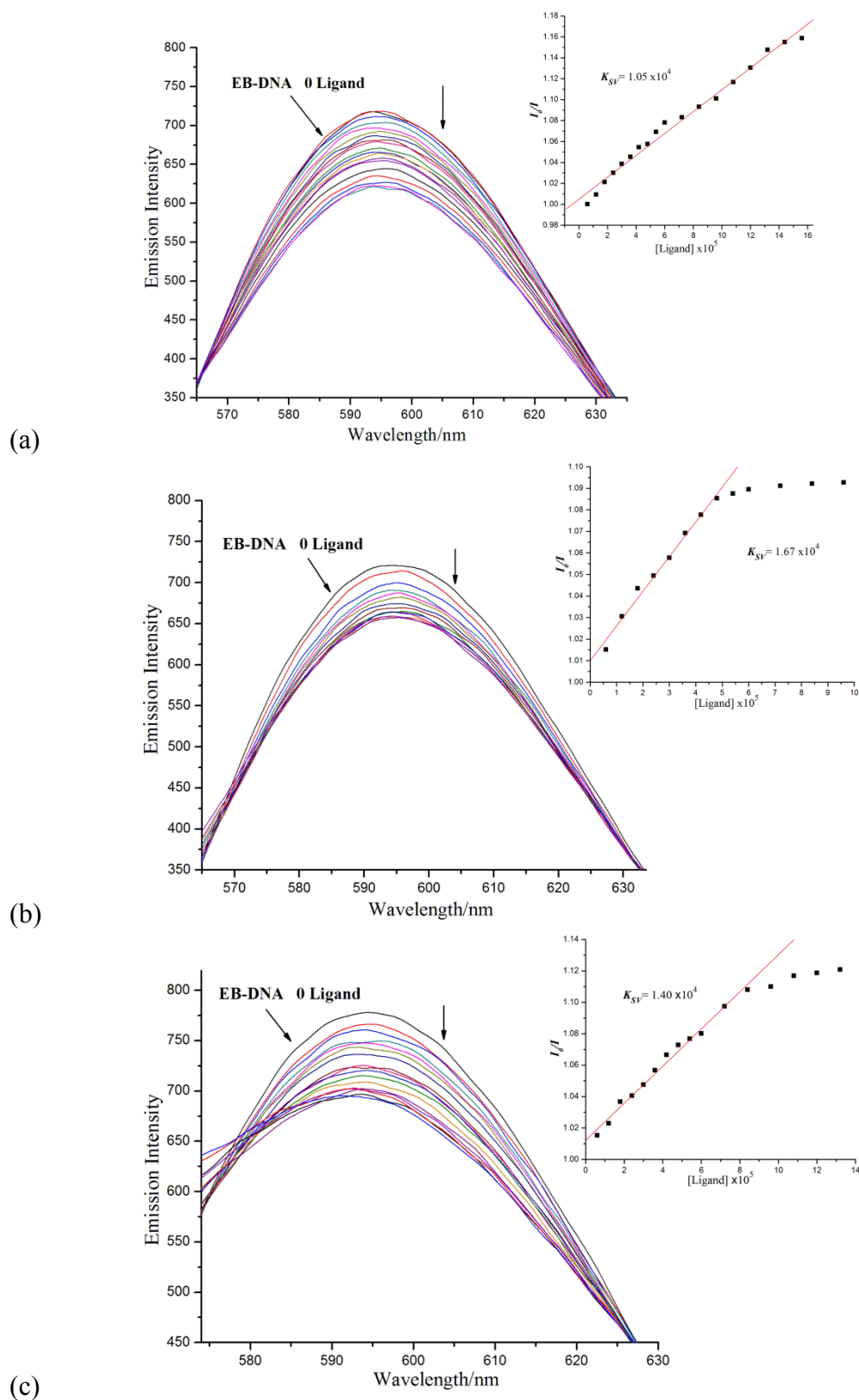


Fig. S2. Fluorescence spectra of the DMF solution of complexes (a) L1, (b) L2, and (c) L3 in Tris-HCl buffer upon addition of CT-DNA. [Complex] = 3×10^{-5} M-1. Arrow shows the intensity changing upon increasing CT-DNA concentrations. A Stern-Volmer quenching plot of the compounds inserting in their own fluorescence spectra with increasing concentrations of CT-DNA.