## Supplementary material

## Fig. S1

(**A**) <sup>1</sup>H 1D spectra of aromatic and (**B**) aliphatic region of the free 9aa peptide (orange) and in the presence of 0.5 (green) and 1.0 (blue) equiv of Zn(II) at pH 6.1. The insets show the expanded 'H-NMR spectrum of the most affected proton signals: HN (**a**) and H<sub> $\delta$ 2</sub> of H<sub> $\delta$ </sub> (**b**), Q<sub> $\gamma$ </sub> of T<sub> $\gamma$ </sub> (**c**) and Q<sub> $\gamma$ </sub> of E<sub> $\beta$ </sub> (**d**), respectively.



