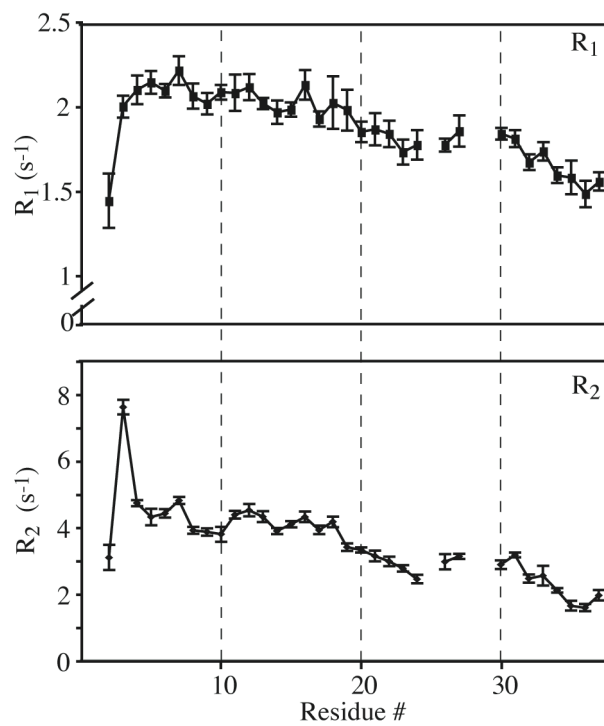
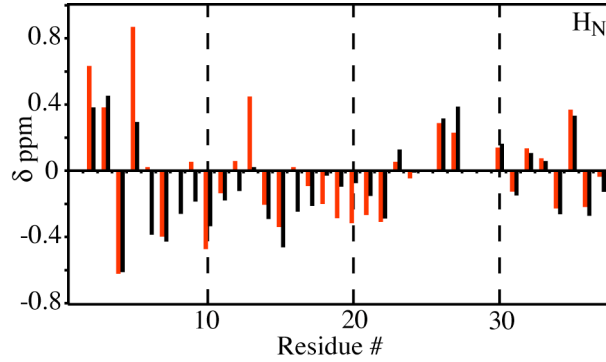


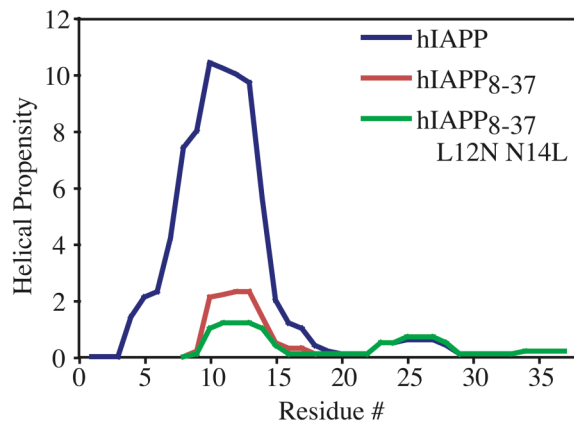
Supplementary Figures



Supplementary Figure 1. ^{15}N longitudinal (R_1) and transverse (R_2) relaxation rates for rIAPP measured under standard conditions. Error bars were generated from confidence in fits calculated from single measurements.



Supplementary Figure 2. $^1\text{H}_\text{N}$ secondary shifts of rIAPP in solution (black) and bound to bicelles (red).



Supplementary Figure 3. AGADIR helical predictions for IAPP variants. Full-length hIAPP (blue), truncated hIAPP₈₋₃₇ (red) and truncated, mutated hIAPP₈₋₃₇ L12N/N14L (green) were predicted at pH 7.4 and 25°C.