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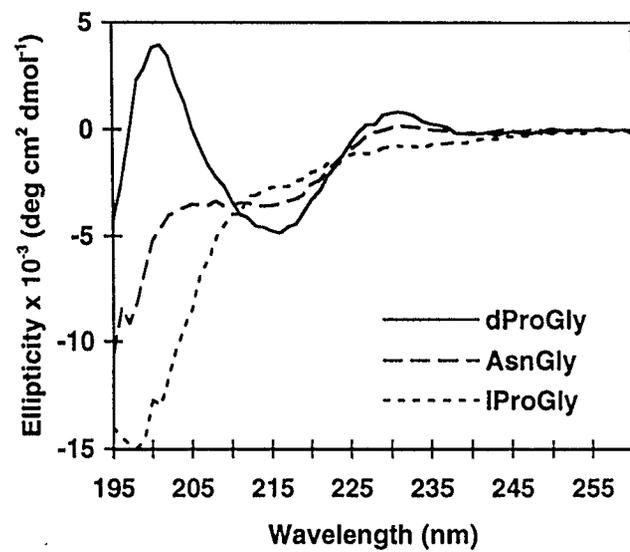
SUPPLEMENTARY FIGURE CAPTIONS

Supplementary Figure 1. Circular dichroism data for 0.10 mM ^DPG (solid), 0.15 mM NG (dashed) and 0.10 mM ^LPG (dotted) in 100 mM aqueous sodium acetate buffer, pH 3.8, 25°C. Data obtained on an Aviv 62 ADS spectrometer.

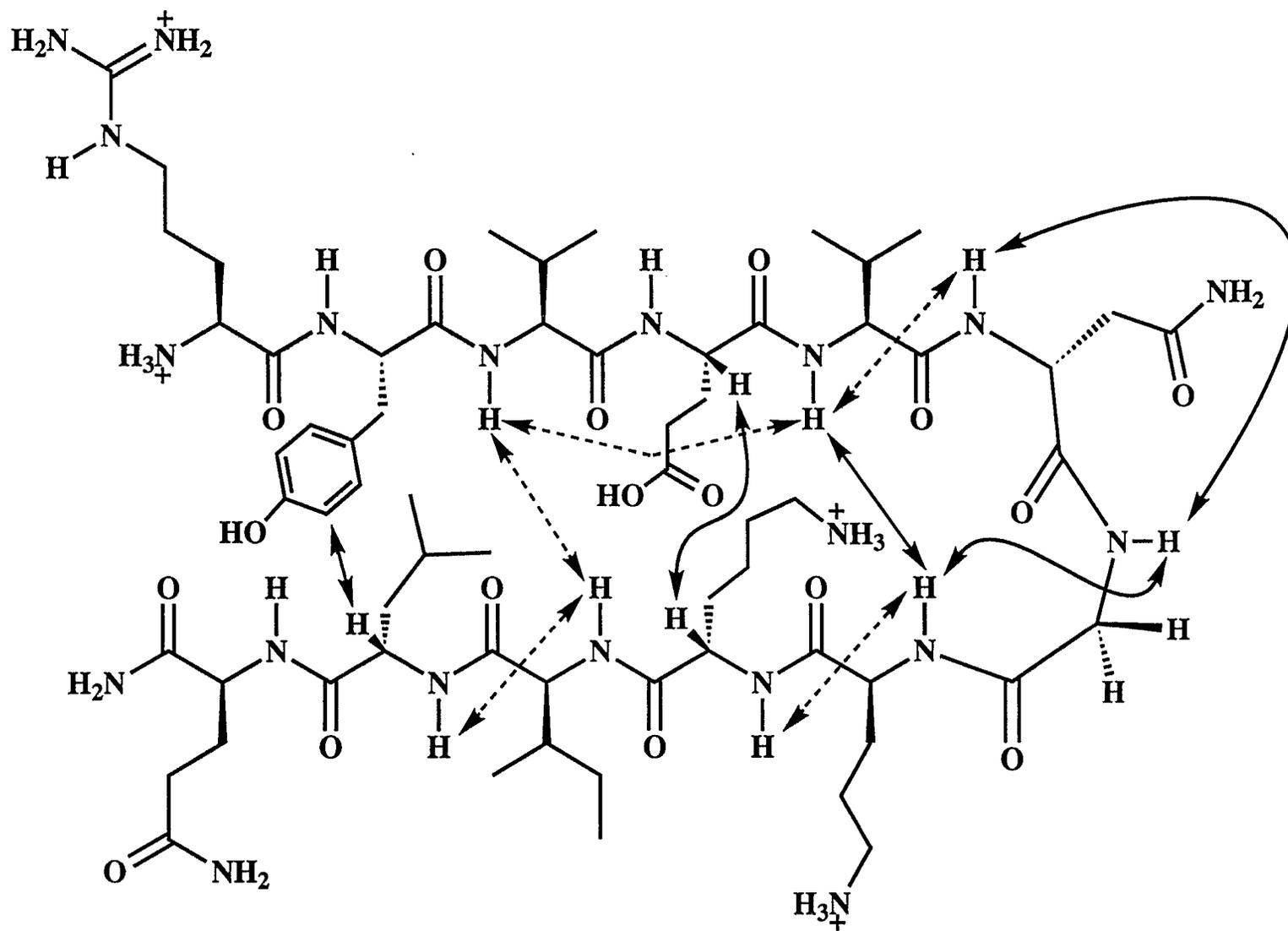
Unlike the CD data in this Figure, the ROESY data summarized in Figure 1 in the text were obtained at 4°C. ROESY data obtained for ^DPG at 25°C showed numerous cross-strand NOEs consistent with β -hairpin folding, but there were fewer cross-strand NOEs at 25°C than at 4°C. NOEs not observed at 25°C included the NH--NH NOE between Val-3 and Ile-10, and several of the side chain-side chain NOEs among Tyr-2, Lys-9 and Leu-11. The non-hairpin NOE mentioned in the text was also not observed at 25°C, but a new non-hairpin NOE was observed at this higher temperature, between Tyr-2 δ -CH and Ile-10 γ -CH₂.

Supplementary Figure 2. Long-range NOEs observed in ROESY analysis for 4.6 mM NG in 100 mM aqueous sodium deuterioacetate buffer, pH 3.8 (uncorrected), 4°C. (A) NOEs involving NH and/or H _{α} resonances (H _{α} --H _{α} NOEs were observed in D₂O, and the remaining NOEs in 9:1 H₂O:D₂O). Dotted lines indicate weak NOEs. (B) NOEs involving side chains (obtained in 9:1 H₂O:D₂O). Resonance assignments were obtained from a combination of COSY and TOCSY data, and sequential NOEs from ROESY data.

Supplementary Figure 1.



Supplementary Figure 2(A).



Supplementary Figure 2(B).

