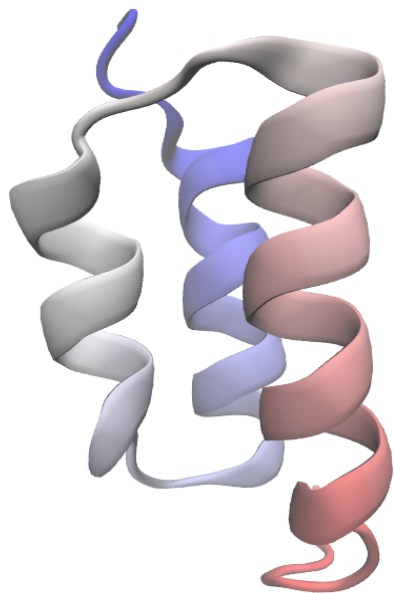
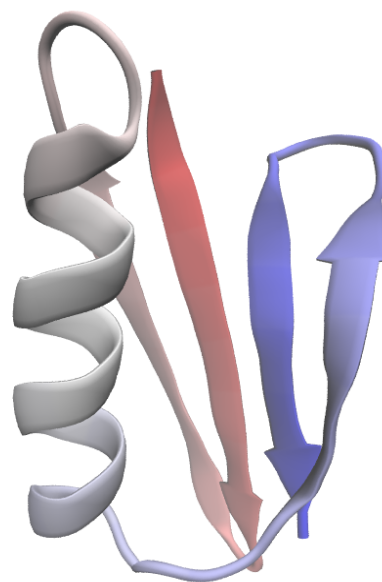


12345678901234567890123456789012345678901234567890123456
 2jws: TTYKLILNLKQAKEEAIKELVDAGIAEKYIKLIANAKTVEGVWTLKDEILLTFTVTE GA88
 2jwu: TTYKLILNLKQAKEEAIKELVDAATAEKYFKLYANAKTVEGVWTKDETKTFTVTE GB88
 2kdl: TTYKLILNLKQAKEEAIKELVDAGTAEKYIKLIANAKTVEGVWTLKDEIKTFTVTE GA95
 2kdm: TTYKLILNLKQAKEEAIKEAVDAGTAEKYFKLIANAKTVEGVWTKDEIKTFTVTE GB95



α



β

Sequence	Experimental Fold		Calculated Fold		Calculated $\Delta G_{GB} - \Delta G_{GA}$ (kcal/Mol)
	α	β	α	β	
GA88	✓		✓		+3.94± 0.51
GB88		✓		✓	-4.36±0.46
GA95	✓		✓		+3.48±0.47
GB95		✓		✓	-5.01±0.49