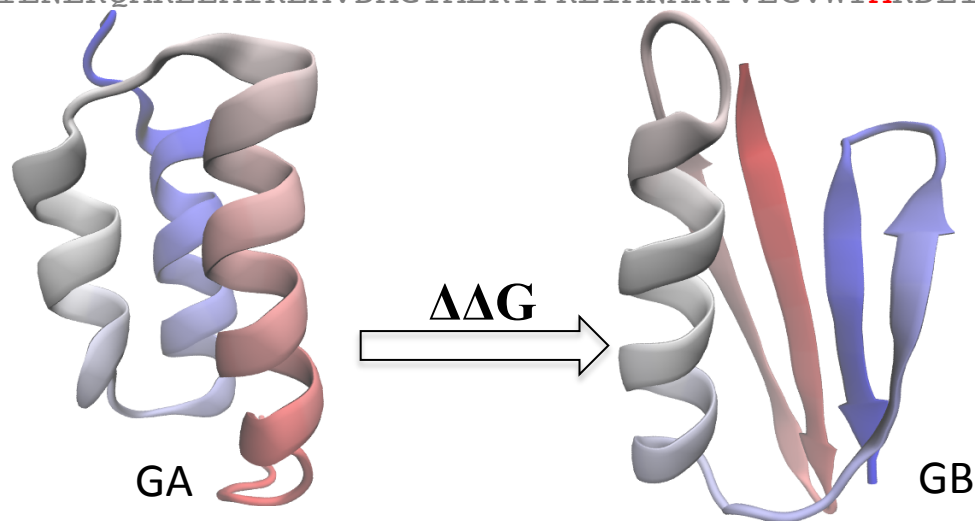


12345678901234567890123456789012345678901234567890123456  
 2jws: TTYKLILNLKQAKEEAIKELVDA**G**IAEKY**I**KL**I**ANAKTVEGVWTLKDE**IL**TFTVTE GA88  
 2jwu: TTYKLILNLKQAKEEAIKELVDA**A**TAEKY**F**KL**Y**ANAKTVEGVWTYKDE**TK**TFTVTE GB88  
 2kdl: TTYKLILNLKQAKEEAIKE**L**VDAGTAEKY**I**KL**I**ANAKTVEGVWTLKDEIKTFTVTE GA95  
 2kdm: TTYKLILNLKQAKEEAIKE**A**VDAGTAEKY**F**KL**I**ANAKTVEGVWTYKDEIKTFTVTE GB95  
 Y45A: TTYKLILNLKQAKEEAIKEAVDAGTAEKYF**K**L**I**ANAKTVEGVWTA**K**DEIKTFTVTE GB98



Sequence	Available GA	Experimental Structure GB	Calculated $\Delta G_{GB} - \Delta G_{GA}$ (Kcal/Mol)
GA88	✓		+3.94± 0.51
GB88		✓	-4.36±0.46
GA95	✓		+3.48±0.47
GB95		✓	-5.01±0.49
GB98			+3.84±0.47