

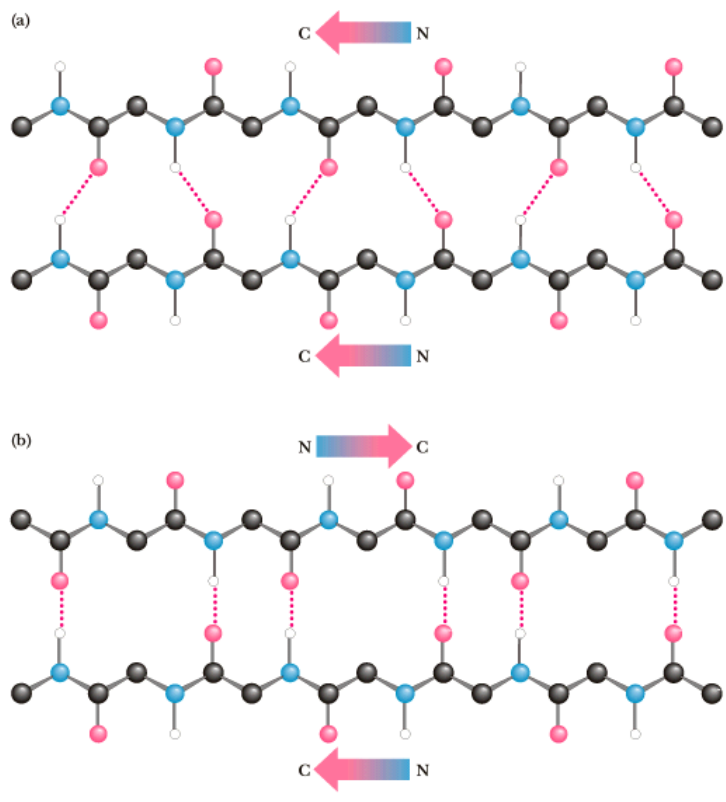
Šroubovice

Stoupání - 5,4 Å/závit

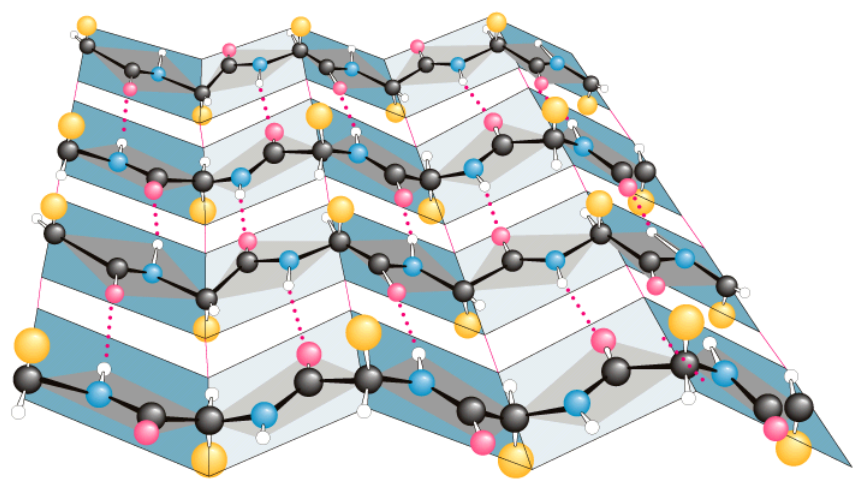
1,5 Å / zbytek

Skládaný list

3,25 resp. 3,47 Å / zbytek pro paralelní resp. antiparalelní

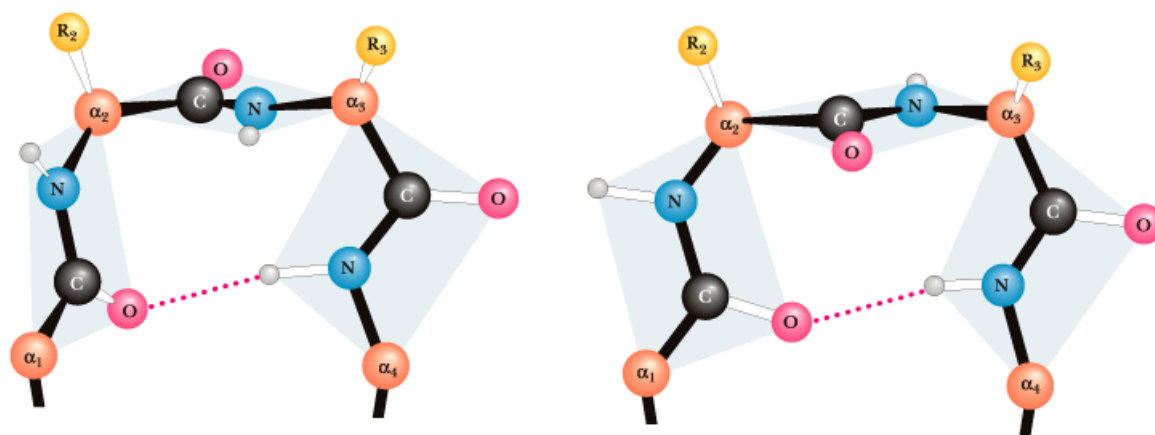


Garrett & Grisham: Biochemistry, 2/e
Figure 6.10



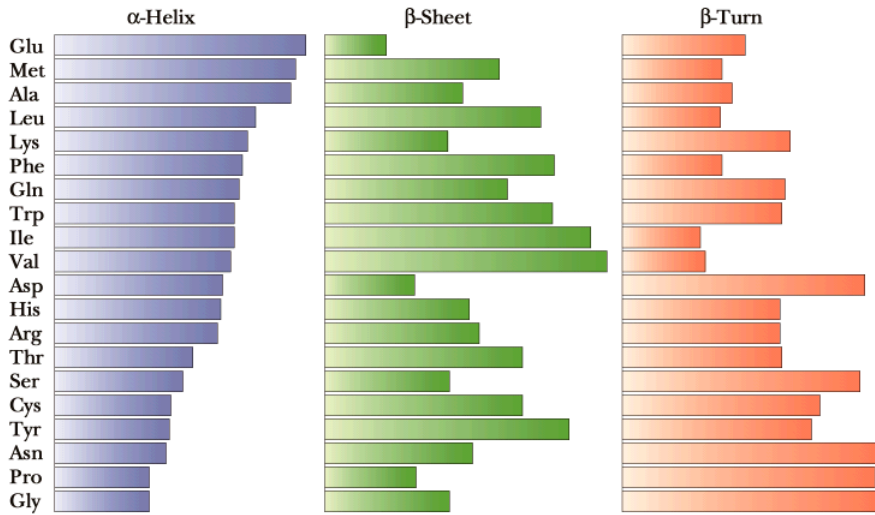
β -ohyb – můstek z CO na NH - 3 zbytky dopředu
výhodný u glycinu a prolinu

Garrett & Grisham: Biochemistry, 2/e
Figure 6.12



Predikce sekundární struktury

Garrett & Grisham: Biochemistry, 2/e
Figure 6.39



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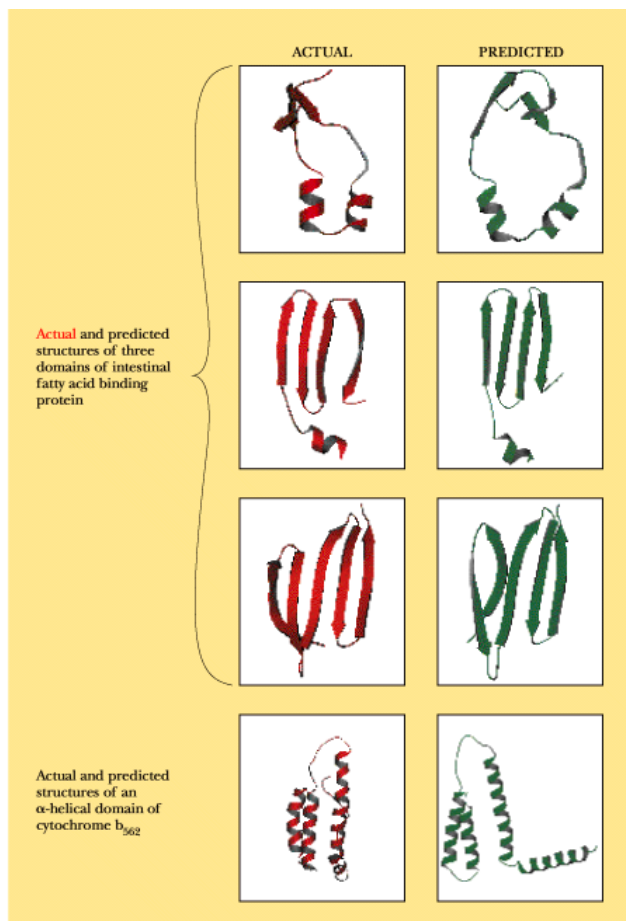
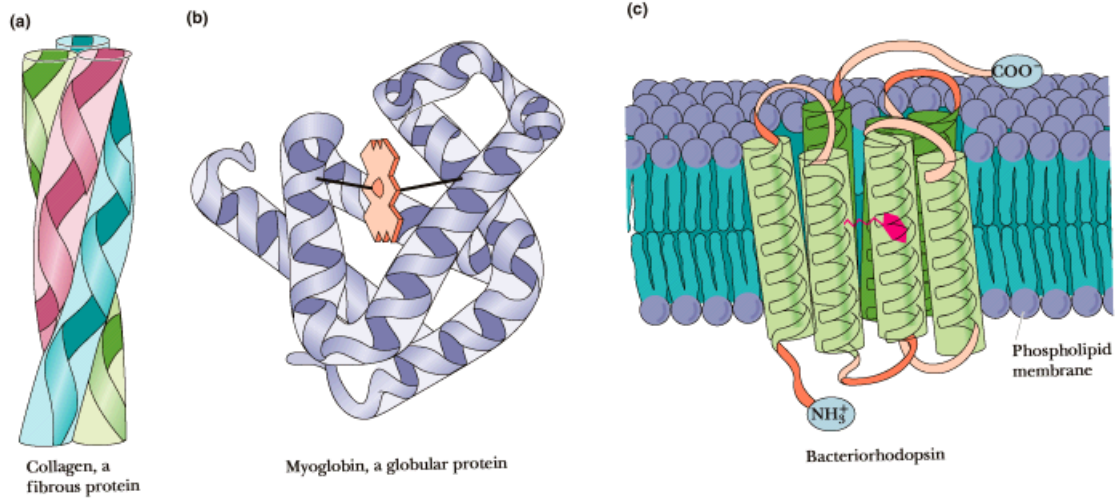


TABLE 3.1 Hydrophathy scale for amino acid residues

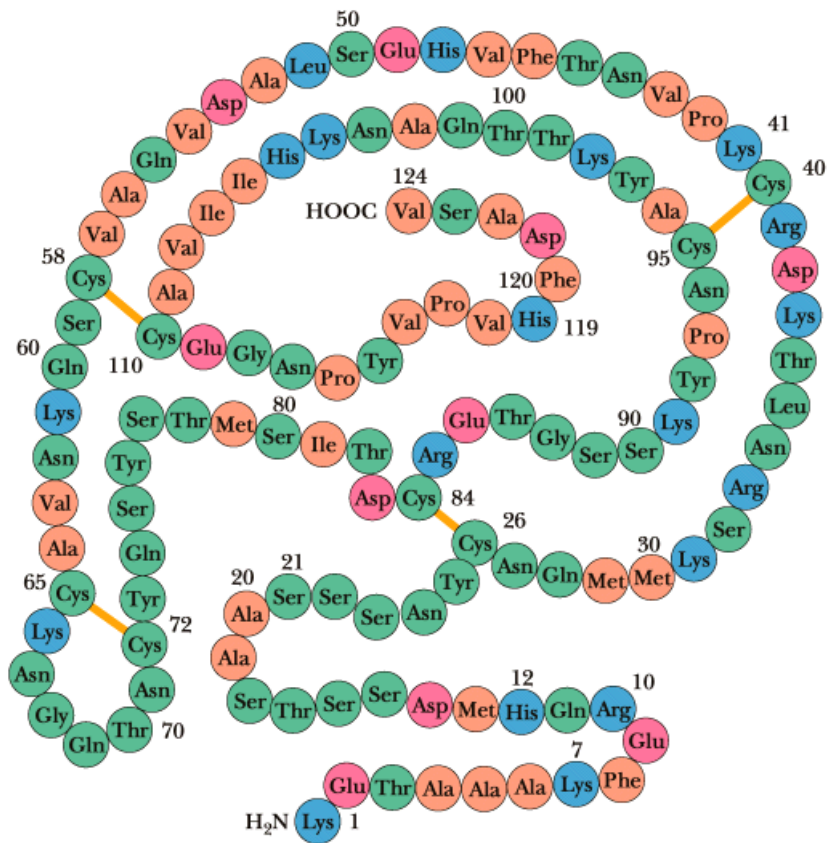
Amino acid	Free-energy change for transfer (kJ mol⁻¹)
Isoleucine	3.1
Phenylalanine	2.5
Valine	2.3
Leucine	2.2
Methionine	1.1
Tryptophan	1.5 ^b
Alanine	1.0
Glycine	0.67
Cysteine	0.17
Tyrosine	0.08
Proline	-0.29
Threonine	-0.75
Serine	-1.1
Histidine	-1.7
Glutamate	-2.6
Asparagine	-2.7
Glutamine	-2.9
Aspartate	-3.0
Lysine	-4.6
Arginine	-7.5

Garrett & Grisham: Biochemistry, 2/e
Figure 5.7



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Typy struktur



RNasa