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- II		
1MBO:mioglobina cadeia alfa	-VLSEGEWQLVLHVWAKVEADVAGHGQDILIRLFKSHPETLEKFDRFKHLKTEAEMKASE -VLSPADKTNVKAAWGKVGAHAGEYGAEALERMFLSFPTTKTYFPHFDLSHGSA	¶
beta beta	VHLTPEEKSAVTALWGKVNVDEVGGEALGRLLVVYPWTQRFFESFGDLSTPDAVMGNP	1
۹	··*:····	• ¶
1MBO:mioglobina	DLKKHGVTVLTALGAILKKKGHHEAELKPLAQSHATKHKIPIKYLEFISEAIIHVLHSRH	
cadeia alfa	QVKGHGKKVADALTNAVAHVDDMPNALSALSDLHAHKLRVDPVNFKLLSHCLLVTLAAHL	T
beta beta	KVKAHGKKVLGAFSDGLAHLDNLKGTFATLSELHCDKLHVDPENFRLLGNVLVCVLAHHF	9
¶		• ¶
1MBO:mioglobina	PGDFGADAQGAMNKALELFRKDIAAKYKE	
cadeia alfa	PAEFTPAVHASLDKFLASVSTVLTSKYR-	
beta beta	GKEFTPPVQAAYQKVVAGVANALAHKYH-	
	···;;;·····:·:·:·:·;;;;····;;;;	

Figura 6. Alinhamento de sequência da mioglobina (PDB 1MBO) com as cadeias alfa e beta da hemoglobina (PDB 1HGA).

Em geral, um grau de identidade maior que 30 % indica estrutura similar





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Figure 7-18 Biochemistry, Sixth Edition © 2006 W. H. Freeman and Company



pO2



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D-2,3-Bisphosphoglycerate (BPG)

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