

A

Protein 1	DEMGLGKK----	R--	VESTR
Protein 2	DEMGVGKRGH-----	LESRK	
Protein 3	DDMGLGRWK---R--	VESTE	
Protein 4	DDMGLGHKKK-----	VDSTK	
Mask	11111111000000011111		

B

Protein 1	DEMGLGKKV	ESTR
Protein 2	DEMGVGR	LESRK
Protein 3	DDMGLGR	VESTE
Protein 4	DDMGLGH	KVDSTK

FIGURE 27.25. Masking an alignment. (A) A hypothetical protein alignment for four homologs with a mask shown beneath the alignment. Columns with a 1 in the mask will be kept; those with a 0 will be deleted. (B) An alignment after the mask has been applied.