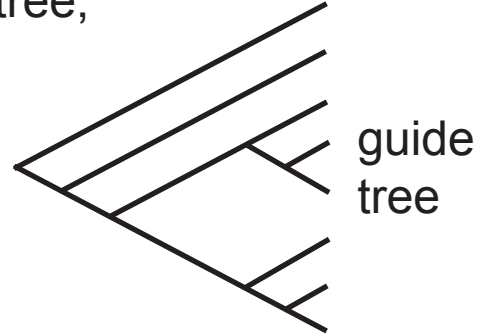


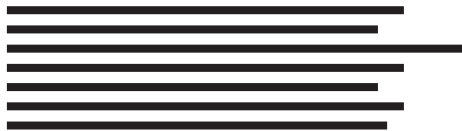
hierarchical clustering  
(minimum spanning tree,  
UPGMA)



N^2 comparisons  
(pairwise alignment,  
K-mer counting)



input sequences:



Assumption:  
These sequences are homologous.