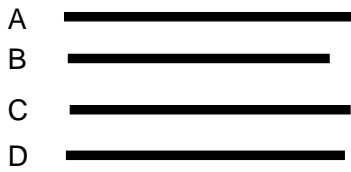


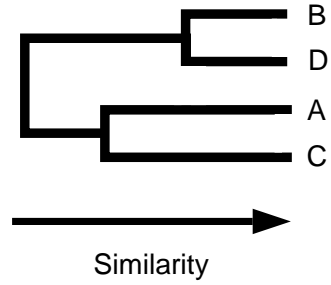
# Steps in Multiple Alignment

## (A) Pairwise Alignment

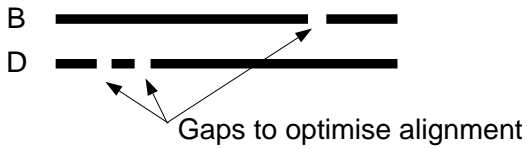
Example - 4 Sequences, A, B, C, D.



6 Pairwise Comparisons  
then Cluster analysis



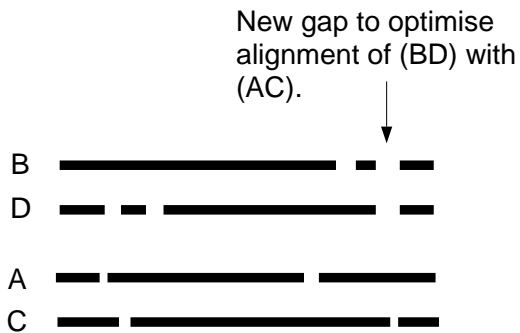
## (B) Multiple alignment following the tree from A.



Align most similar pair.



Align next most similar pair.



Align alignments - preserve gaps.