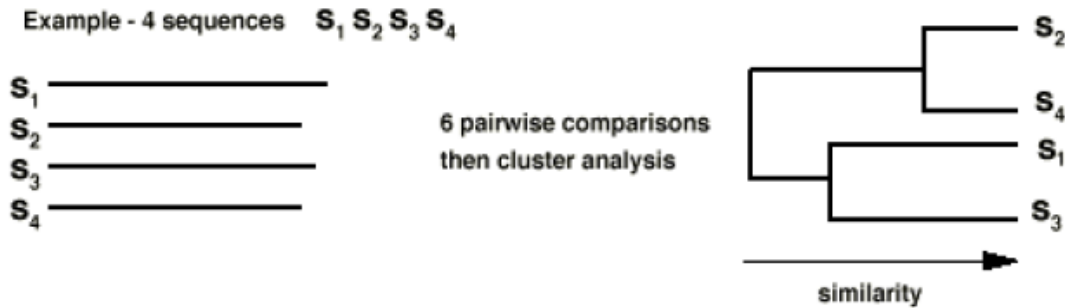


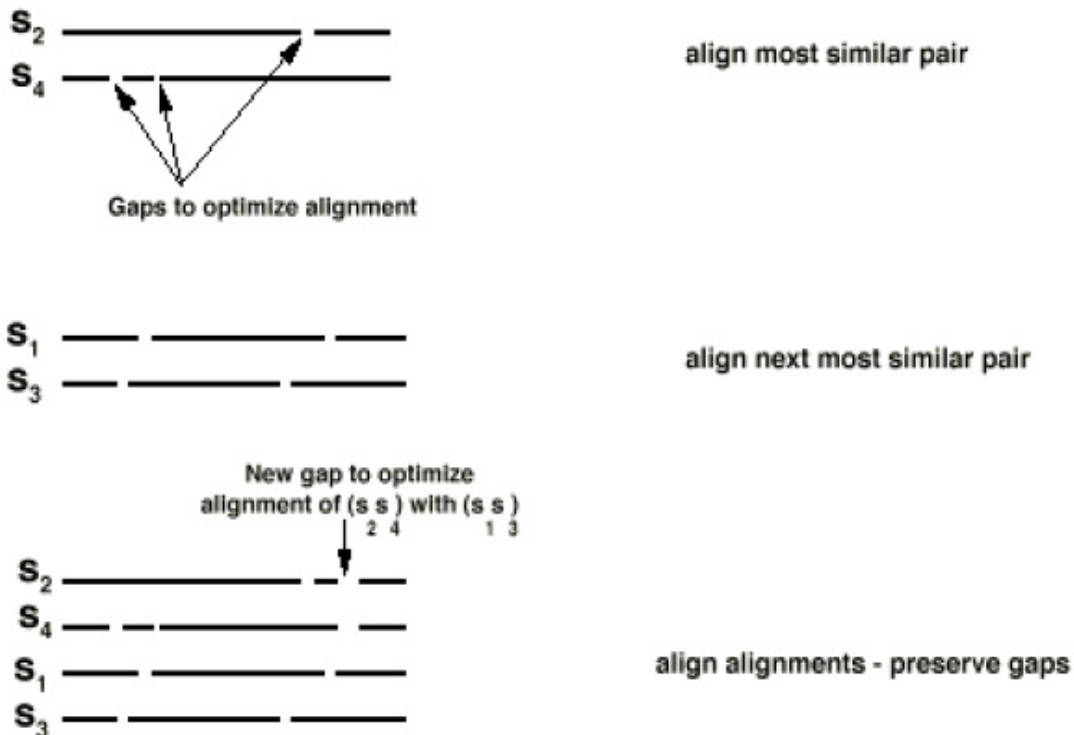
# Clustal Progressive Alignment

## Steps in Multiple Alignment

### (A) Pairwise Alignment

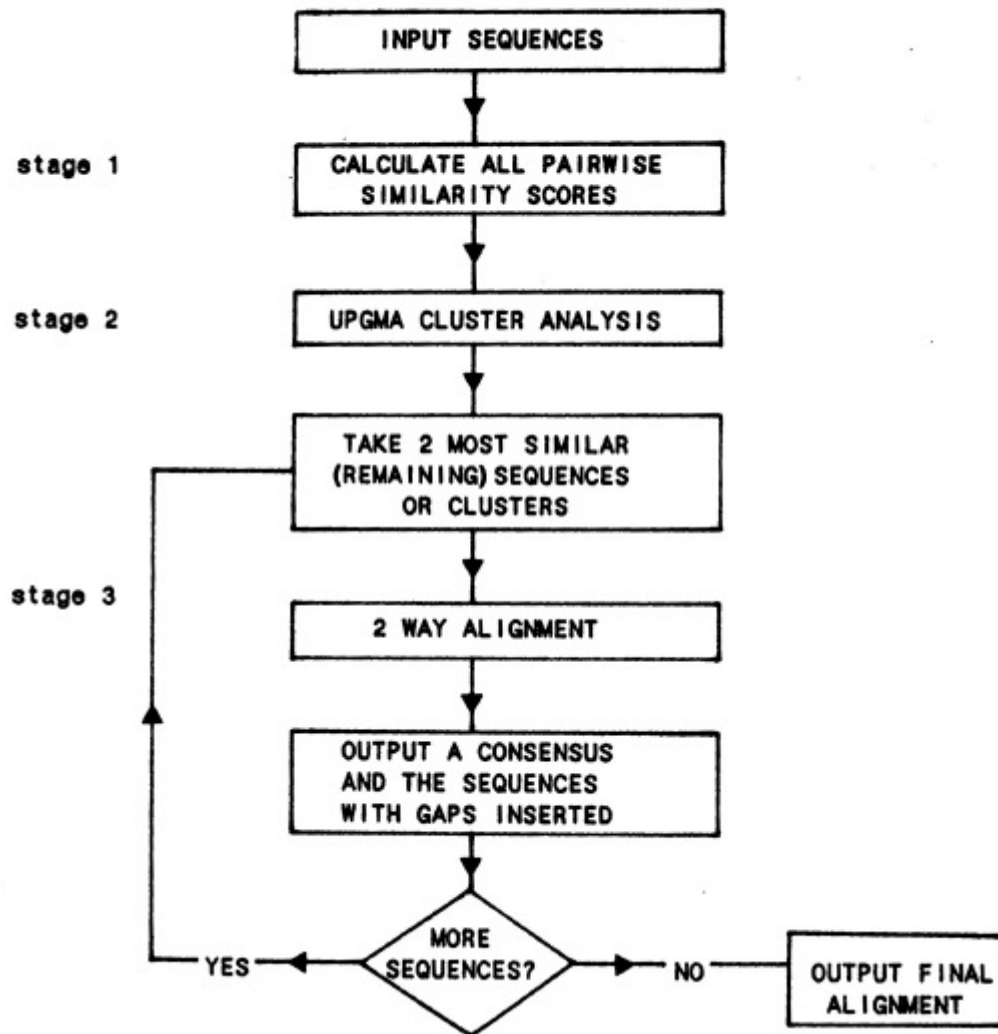


### (B) Multiple alignment following the tree from A



From: Doug Brutlag, BioMedical Informatics, Stanford University, 2010

## Clustal Procedure



From: Doug Brutlag, BioMedical Informatics, Stanford University, 2010