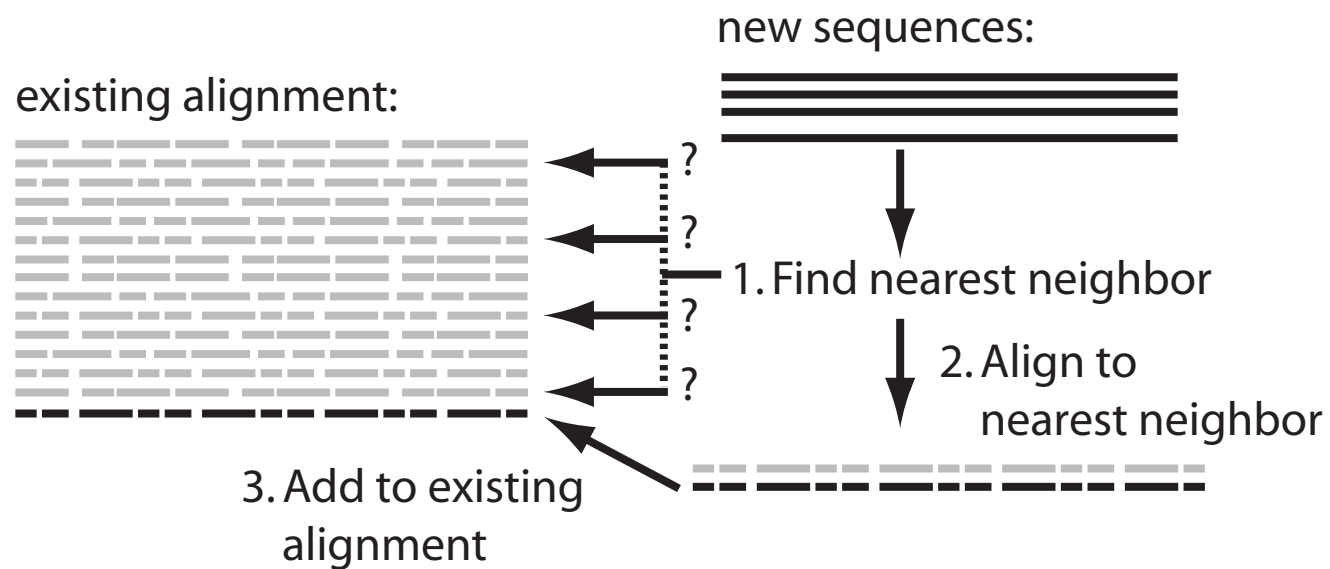# "Nearest neighbor" strategy:

- align each sequence to it's nearest neighbor in the existing alignment

- novel, divergent sequences are difficult to align

- errors can easily propagate

- flexible, but doesn't scale well

Profile strategy:

- build a profile from a trusted "seed" alignment

- each new sequence is aligned independently to the profile

- flexible and scalable