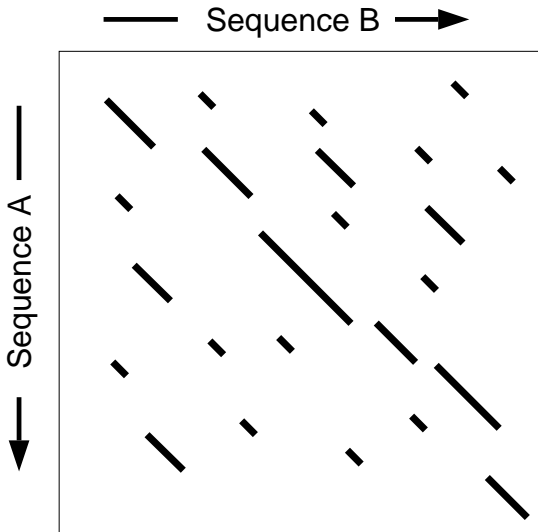


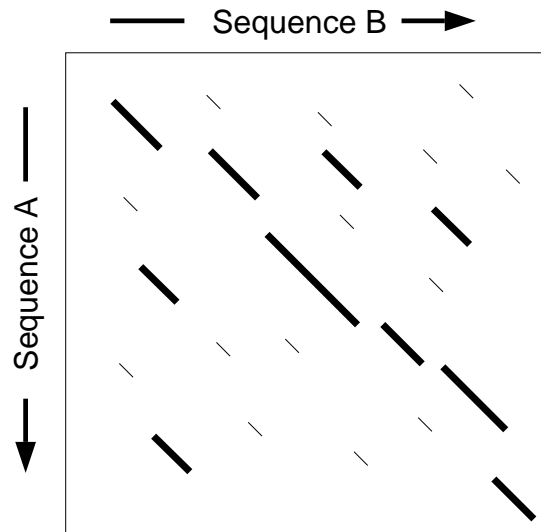
FASTA Algorithm

(a)



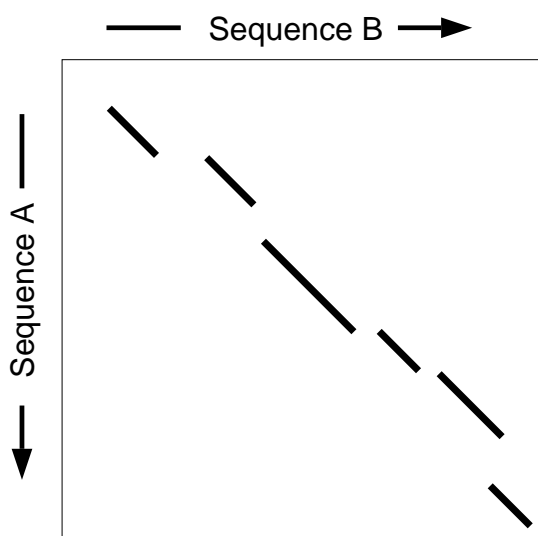
Find runs of identities

(b)



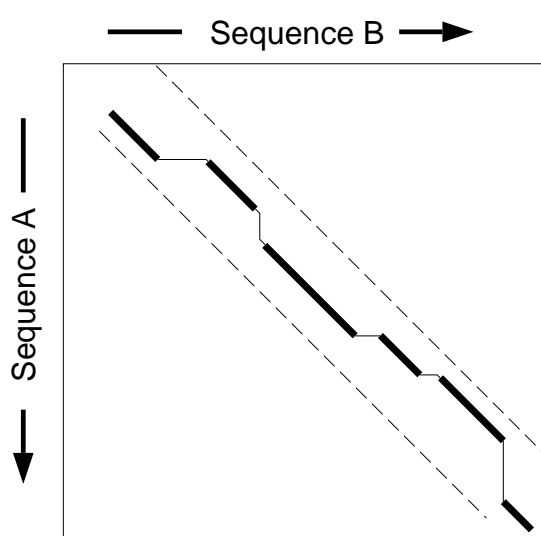
Re-score using PAM matrix
Keep top scoring segments.

(c)



Apply "joining threshold"
to eliminate segments that
are unlikely to be part of the alignment
that includes highest scoring segment.

(d)



Use dynamic programming
to optimise the alignment in a
narrow band that encompasses
the top scoring segments.

