

Computation of alignment scores:

Compute alignment scores for alignment 1 and 2 using both substitution matrices BLOSUM-50 and BLOSUM-Trp (next page). In both cases gaps are penalized using the affine gap penalties indicated at the bottom of this page.

Alignment 1:

AAWGKVGWHAGGYV
: : : : : : : : : :
ALWGKVHWGEY--V

Alignment 2:

AAWGKVGWHAGGYV
: : : : : : : : : :
ALWGKV--HWGEYV

Score,
BLOSUM-50

Score,
BLOSUM-Trp

Affine gap penalties:

Gap opening: -10
Gap elongation: -1

