total number of residues

number of correctly predicted residues

40 residue amino acid sequence ILLLVVSKLKPASDIOILYDHGVREFGENYVOELIEKAKL сеееесссининининисссеееессинининини experimentally derived secondary structure

c = no element = alpha helix = beta strand

prediction 1 HHHHHHHHCCCCCEEECCCCCHHHHHHHH

 $Q_3 = 32/40 = 80\%$

useful accuracy prediction

 $Q_3 = 32/40 = 80\%$

not useful accuracy prediction

prediction 2

нинининиссссиин

CEEEECCCCHHHHHHHHHHHCCCCEEEECCHHH