

Secondary Structure Prediction Display User Guide

Sequence:

Enter a protein sequence for prediction.
-Only a single sequence is accepted.
-Sequence must be between 40 and 4000 characters.
-Each site has its own maximum sequence length.
-Only the following characters are allowed:
A,R,N,D,C,E,Q,G,H,I,L,K,M,F,P,S,T,W,Y,V
-Spaces will automatically be removed.

Clear Sequence

Clears the sequence box of all text.

Send to:

☒ JPred ☒ PSIPred ☒ PSSPred
☒ RaptorX ☒ SABLE ☒ YASPIN
☒ SSPro

Select which sites the sequence should be sent to for prediction.
-At least one site should be selected.

Known Structure:

Structure Id:
Chain Id:

Optional. If the entered structure id and chain id are from a valid known structure, then the known elements will be displayed in the output.
-Both the structure id and chain id must be entered.
-Chain id's are case sensitive (a is not the same as A).
-If a valid structure is given, it will be used as the input sequence instead, even if the inputted sequence does not match it.

Start

Time Elapsed: 00:00:00

Prediction Status:

Prediction progress and any errors will be displayed here.

Open Results

Once a prediction is completed, a results page will be created and can be opened.

Maximum Sequence Lengths

Site	Maximum Sequence Length
JPred	800
PSIPred	1500
PSSPred	4000
RaptorX	4000
SABLE	4000
YASPIN	4000
SSPro	400