

DeepCPPpred is a web service for the DeepCPP model, build to predict the permation ability of pepties determining if a peptide is a cell penetranating peptide (CPP) or not (non-CPP).

Input:

- 1. sigle line prediction: the user can provide peptide sequence in the input box.
- 2. Batch prediction: Provide a list of peptide sequence in FASTA file

Note: peptide sequences 5 - 30 residues in length

Output:

The DeepCPPpred tool predict whether the query peptide is a CPP or non-CPP, and provides the confidence score of prediction, a value between 0 and 1, which denotes the level of likeliness of the peptide to be cell penetrating peptide, where a score close to 1 denotes a strong confidence from the DeepCPPpred that the peptide is a CPP, and a score close to 0 a strong confidence that the peptide is a non-CPP.

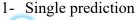
Click here For more information.

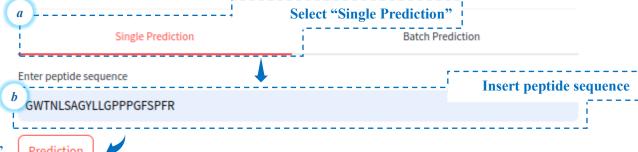
Single Prediction **Batch Prediction**

Enter peptide sequence

Prediction options

Prediction





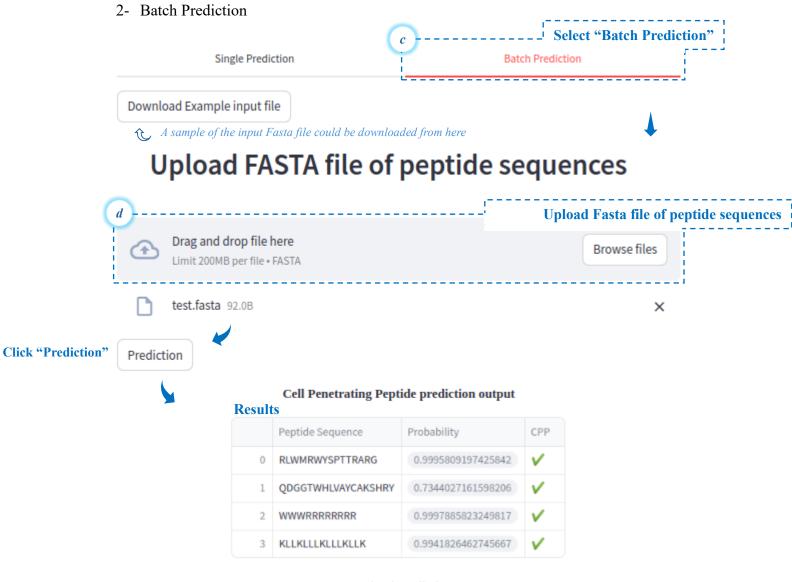
Click "Prediction"



Cell Penetrating Peptide prediction output

Result

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	Peptide Sequence	Probability	CPP
0	GWTNLSAGYLLGPPPGFSPFR	0.006349897012114525	×



Download Predictions

 ${f @}$ Prediction results could be downloaded from here