

ABCpred Prediction Server

INPUT INFORMATION

Sequence name	
Length of the sequence	304
Number of 16mers from the input sequence	289
Threshold setting (Default value is 0.5)	0.51

TABULAR RESULT

Predicted B-cell epitope

The predicted B cell epitopes are ranked according to their score obtained by trained recurrent neural network.

Higher score of the peptide means the higher probability to be as epitope.

All the peptides shown here are above the threshold value chosen.

Rank	Sequence	Start position	Score	
1	AGQLGARTGHGFLDWP	261	0.92	
2	PSARTAPDTADRVVAL	145	0.90	
3	SRVIGTHFWNPPDLIP	124	0.89	
4	ARVAGAGRGSVAAAAD	51	0.87	
4	AAAVEAARVAGAGRGS	45	0.87	
4	DVAITDTNAEILHAAA	32	0.87	
4	TLAIHDAVIPS LNHDP	234	0.87	
5	LFERLATLAPDAVLAT	91	0.86	
5	MGRRIAGVLASAGLDV	18	0.86	
6	TGHGFLDWPAGAREAT	268	0.85	
7	AEGVCDPKTVDLVVRN	196	0.82	
8	AGAREATTARLAQHIA	277	0.81	

ARVAGAGRGSVAAAAAD

AAAVEAARVAGAGRGS

DVAITDTNAEILHAAA

TLAIHDAVIPSLNHDP

LFERLATLAPDAVLAT

MGRRIAGVLASAGLDV

TGHGFLDWPAGAREAT

AEGVCDPKTVDLVVRN

AGAREATTARLAQHIA

DLVIEAVVENLAVKQE

SVLPIGAVTERVEDGS

AAAI PDADLVIEAVVE

LPVRVGRDVPFGIGNR

LIVVRNTIGLRRLATLGP

HFWNPPDLIPVVEVVP

GNRLQHALWREAIALV

PVVEVVPSARTAPDTA

HGFSRAAVVGAGLMGR

LRLATLGPLENADYIG

NAEILHAAAVEAARVA

GSVAAAADLAAAI PDA

GVLASAGLDVAITDTN

VVGAGLMGRR IAGVLA

PDAVLATNTSVLP IGA

ADRVVALLTQVGKLPV

IPSLNHDPHPSPLLRE

-
LAVKQELFERLATLAP-----

PLENADYIGLDTLAI-----