

ABCpred Prediction Server

INPUT INFORMATION

Sequence name	
Length of the sequence	102
Number of 16mers from the input sequence	87
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	GESGASYLAGDAAAAA	80	0.89	
2	AAHASAAPVITAVVPP	26	0.88	
3	AVEALTARLAAHASA	16	0.81	
4	AEGVEELGRAGVGVGE	66	0.75	
5	VSLQTAAGFSAQGVEH	46	0.71	
6	VITAVVPPAADPVSLQ	34	0.65	
7	SAQGVEHAVVTAEGVE	55	0.57	
8	YLAGDAAAAATYGVVG	86	0.54	
9	PEGLAAASA AVEALTA	7	0.52	

OVERLAP DISPLAY

MTLRVVPEGLAAASAAVEALTARLAAAHASAAPVITAVVPPAADPVSLQTAAGFSAQGVEHAVVTAEGVEELGRAGVGVGESGASYLAGDAAAAATYGV
VGG¹⁰²

GESGASYLAGDAAAAA-----

AAHASAAPVITAVVPP-----

AVEALTARLAAAHASA-----

AEGVEELGRAGVGVGE-----

VSLQTAAGFSAQGVEH-----

VITAVVPPAADPVSLQ-----

SAQGVEHAVVTAEGVE-----

YLAGDAAAAATYGVVG-----

PEGLAAASAAVEALTA-----