ABCpred Prediction Server

Sequence name	
Length of the sequence	93
Number of 16mers from the input sequence	78
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	AELGDRARTRPADSTT	15	0.92	
2	VWLAAEHESNDALAEE	52	0.90	
3	QLLYWTQVLMISRGLS	70	0.80	
4	DSTTVAALDGGVHALG	27	0.69	
4	ARTRPADSTTVAALDG	21	0.69	
5	HESNDALAEEISQLLY	58	0.66	
6	TFEDLFAELGDRARTR	9	0.64	
7	VLMISRGLSLDDVYRK	77	0.63	
8	HALGKKLLEEAGEVWL	39	0.56	

OVERLAP DISPLAY

VQQSLAVKTFEDLFAELGDRARTRPADSTTVAALDGGVHALGKKLLEEAGEVWLAAEHESNDALAEEISQLLYWTQVLMISRG
LSLDDVYRKL[93]

AELGDRARTRPADSTT---

VWLAAEHESNDALAEE------------------------

QLLYWTQVLMISRGLS--------

DSTTVAALDGGVHALG---

ARTRPADSTTVAALDG--

HESNDALAEEISQLLY-------------------

TFEDLFAELGDRARTR--
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VLMISRGLSLDDVYRK-

HALGKKLLEEAGEVWL---