ABCpred Prediction Server

Sequence name	
Length of the sequence	111
Number of 16mers from the input sequence	96
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	GTLIEGDLPEPKKVKP	62	0.92	
2	LGAVSYETDRNHDLAP	11	0.89	
3	AEIPGTWLCRNGMEGT	48	0.83	
4	RRSIEELEELLKERLE	88	0.80	
4	PKKVKPPRTHWDMLLE	72	0.80	
5	FEVPFADDAEIPGTWL	40	0.79	
6	APRQIARYRTDNGEEF	25	0.74	
7	RVLRGSRLGAVSYETD	4	0.73	
8	RTHWDMLLERRSIEEL	79	0.72	

OVERLAP DISPLAY

MADRVLRGSRLGAVSYETDRNHDLAPRQIARYRTDNGEEFEVPFADDAEIPGTWLCRNGMEGTLIEGDLPEPKKVKPPRTHWD
MLLERRSIEELEELLKERLELIRSRRRG[111]

GTLIEGDLPEPKKVKP---------------------------------

LGAVSYETDRNHDLAP---

AEIPGTWLCRNGMEGT--

----RRSIEELEELLKERLE--------

PKKVKPPRTHWDMLLE----------------------

FEVPFADDAEIPGTWL---

APRQIARYRTDNGEEF--

RVLRGSRLGAVSYETD---

RTHWDMLLERRSIEEL----------------