

BcePred Prediction Server

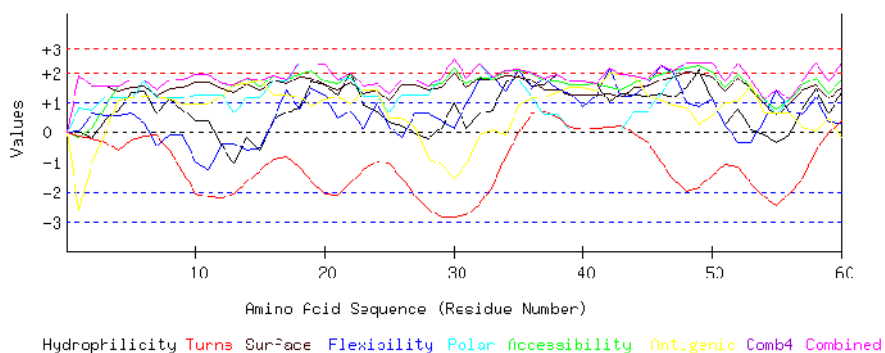
The server displays 1. [GRAPHICAL RESULT](#) 2. [TABULAR RESULT](#) 3. [Overlap Display](#)

seqname=
Seq= MNELVDTTTEMYLRITYDLEEEGVITPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDR
HLELTEKGRALAIAMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMSSEVERRLVKVL
NNPTTSPFGNPIPGLVELGVGPEPGADDANLVRLTELPAGSPVAVVVRQLTEHVQGDIDL
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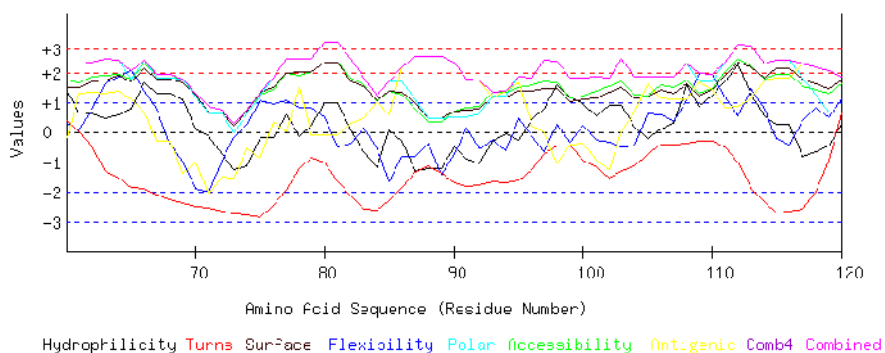
Length=230

GRAPHICAL RESULT

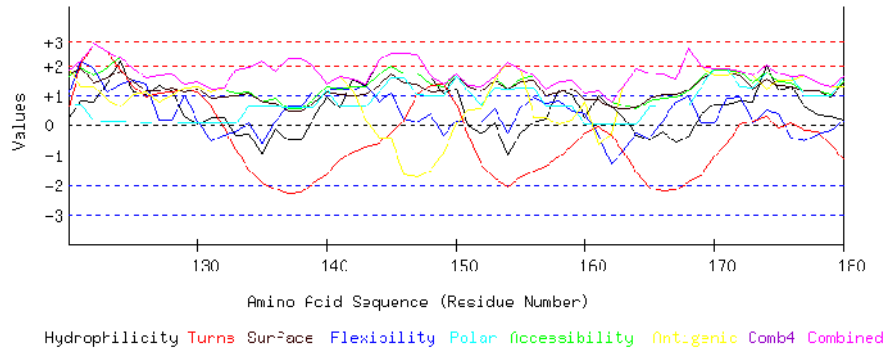
GRAPHICAL RESULT :: SEQ 1 to 60



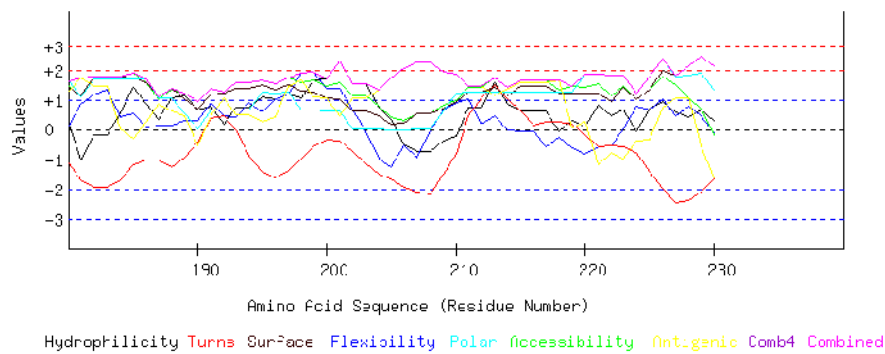
GRAPHICAL RESULT :: SEQ 61 to 120



GRAPHICAL RESULT :: SEQ 121 to 180



GRAPHICAL RESULT :: SEQ 181 to 240



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TABULAR RESULT

Selected Programs: hydro flexi access turns surface polar antipro

Respective Threshold: 1.9 2 1.9 2.4 2.3 1.8 1.9

```
MNELVDITTEMYLRITTYDLEEEBGTPLRARIARLDQSGPTVSTVSRMERDGLLRVAGDR  
HLELTEKGRALAIAVMRKHLRAERLLVDVIGLPWEEVHAEACRWEHVMSEDEVERRLVKVL  
NNPTTSPFGNFIPLVLELGVGPEPGADDANLVRLTELPA GSPVAVVVRQLTEHVQGDIDL  
ITRLK DAGVVENARVIVETTPGGGVTVIIPGHENVTLPEMAH AVKVEK V
```

Length=230

A.A. **Parameter** Combined

	Hydro	Flexi	Access	Turns	Surface	Polar	AntiPro	MAX	MIN	AVG
1 M	0.010	0.035	-0.196	-0.124	1.886	0.813	-2.608	1.886	-2.608	-0.026
2 N	-0.224	0.640	0.141	-0.227	1.558	0.754	-1.009	1.558	-1.009	0.233
3 E	0.408	0.521	0.870	-0.344	1.558	1.183	-0.008	1.558	-0.344	0.598
4 L	0.737	0.521	1.524	-0.611	1.394	1.143	1.043	1.524	-0.611	0.822

215V	0.636	-0.060	1.664	0.604	1.476	1.276	1.594	1.664	-0.060	1.027
216T	0.636	-0.078	1.664	0.123	1.476	1.276	1.594	1.664	-0.078	0.956
217L	0.636	-0.568	1.664	0.254	1.476	1.276	1.594	1.664	-0.568	0.904
218P	-0.073	-0.274	1.356	0.262	1.212	1.252	1.652	1.652	-0.274	0.770
219H	0.294	-0.633	1.477	0.166	1.221	1.251	0.053	1.477	-0.633	0.547
220E	0.098	-0.819	1.440	-0.198	1.239	<u>1.851</u>	0.280	1.851	-0.819	0.556
221M	0.813	-0.562	1.524	-0.595	1.230	<u>1.845</u>	-1.165	1.845	-1.165	0.441
222A	0.446	-0.544	1.160	-0.536	0.948	<u>1.828</u>	-0.797	1.828	-0.797	0.358
223H	0.673	0.031	1.449	-0.587	1.412	<u>1.803</u>	-0.999	1.803	-0.999	0.540
224A	-0.054	0.772	1.001	-0.769	1.039	1.205	-0.384	1.205	-0.769	0.401
225V	0.705	0.676	1.337	-1.425	1.358	1.787	-0.355	1.787	-1.425	0.583
226K	0.933	1.026	1.786	-1.998	1.996	<u>2.382</u>	0.720	2.382	-1.998	0.978
227V	0.566	0.449	1.505	-2.458	1.813	1.763	1.042	1.813	-2.458	0.669
228E	0.433	0.800	1.047	-2.365	2.132	<u>1.823</u>	1.042	2.132	-2.365	0.702
229K	0.667	0.479	0.711	-2.115	<u>2.461</u>	<u>1.882</u>	-0.557	2.461	-2.115	0.504
230V	0.307	-0.098	-0.196	-1.660	2.142	1.347	-1.632	2.142	-1.660	0.030

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Overlap Display

Selected Programs: hydro flexi access turns surface polar antipro

Respective Threshold: 1.9 2 1.9 2.4 2.3 1.8 1.9

The predicted B-cell epitopes are shown in blue colour and underlined.

Sequence	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC
Hydrophilicity	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC
Flexibility	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC
Accessibility	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC
Turns	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC
Exposed Surface	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC
Polarity	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC
Antigenic Propensity	<u>¹MNELVDTTTEMYLRTIYDLEEEGVTPLRARIAERLDQSGPTVSQTVSRMERDGLLRVAGDRHLELTEKGRALAIAVMRKHRLAERLLVDVIGLPWEEVHAEACRWEHVMS</u> EDVERRLLVKVLNNPTTSPFGNPIC

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