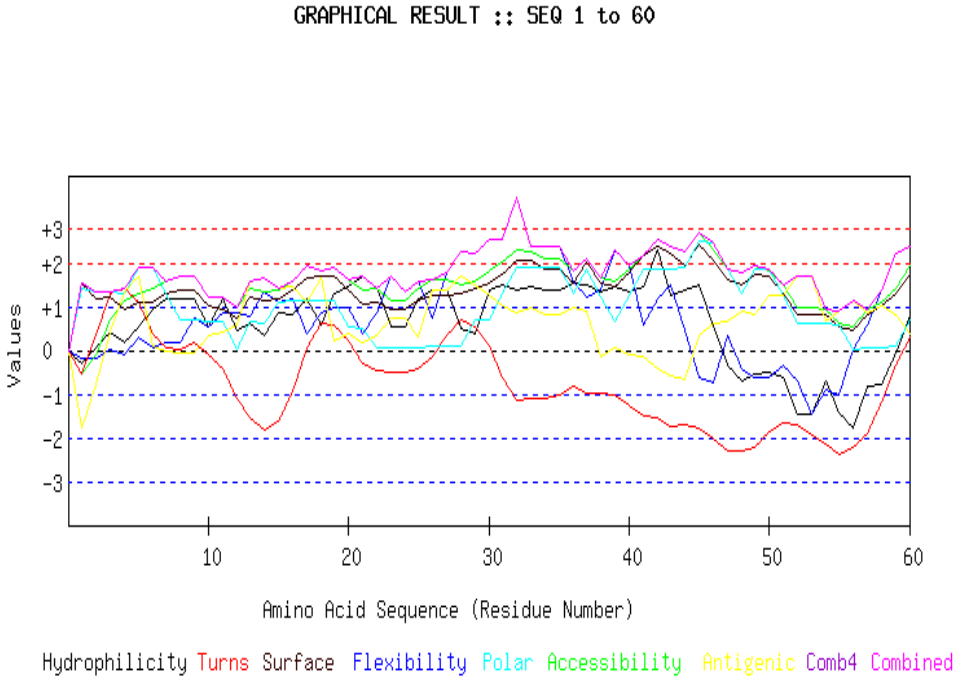
BcePred Prediction Server

The server displays 1.GRAPHICAL RESULT 2.TABULAR RESULT 3.Overlap Display

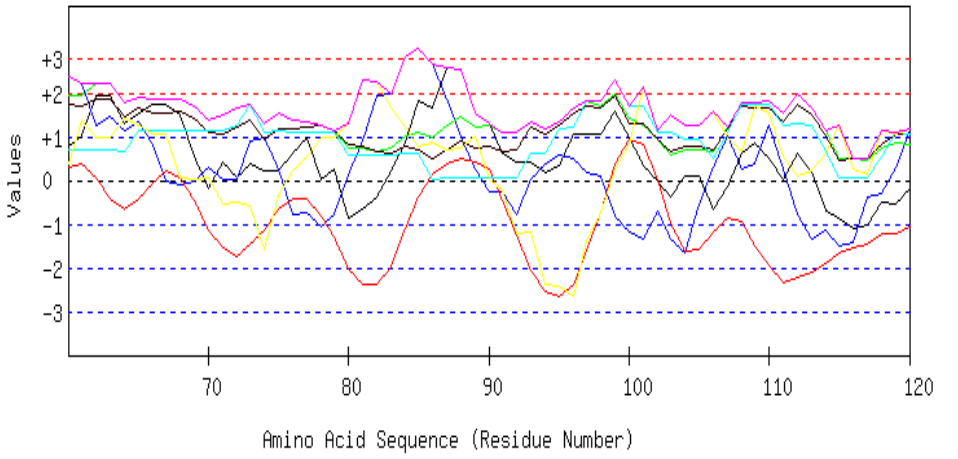
seqname=
Seq=MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQ
SPRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDKV
GSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRLVPS
GVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVIELLW
KKHGCSERDLKIR

Length=263

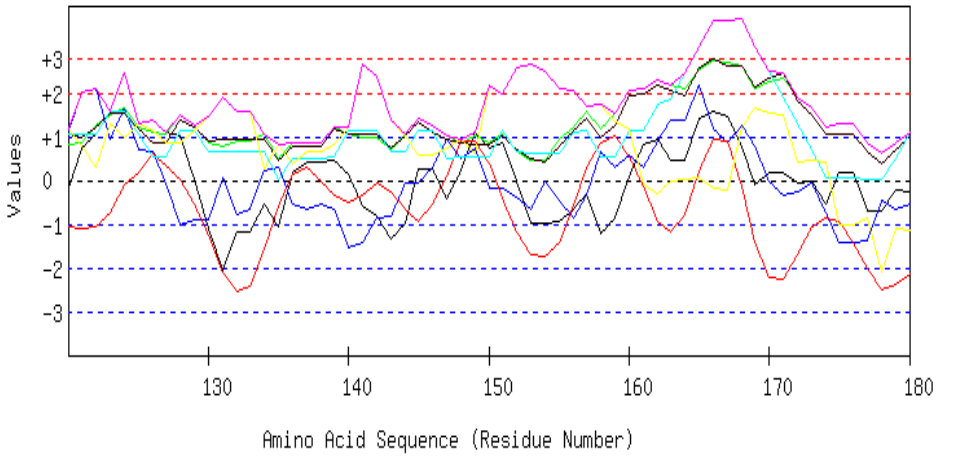
GRAPHICAL RESULT



GRAPHICAL RESULT :: SEQ 61 to 120

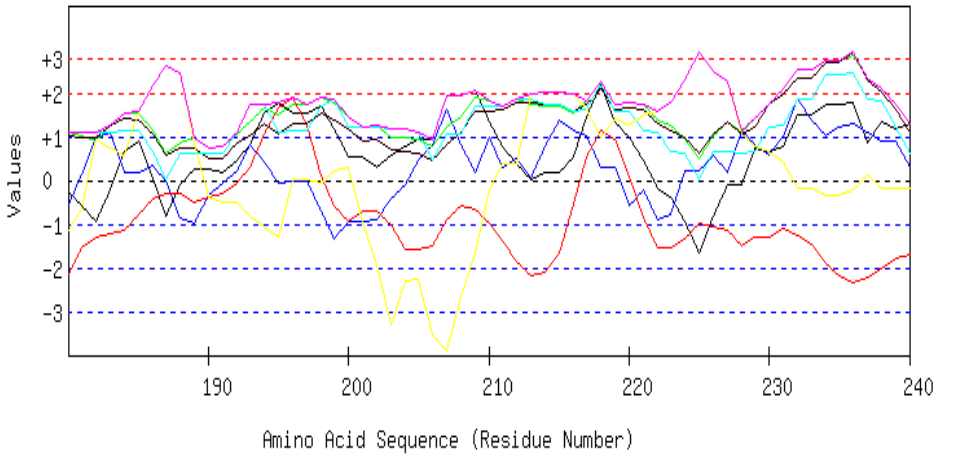


GRAPHICAL RESULT :: SEQ 121 to 180



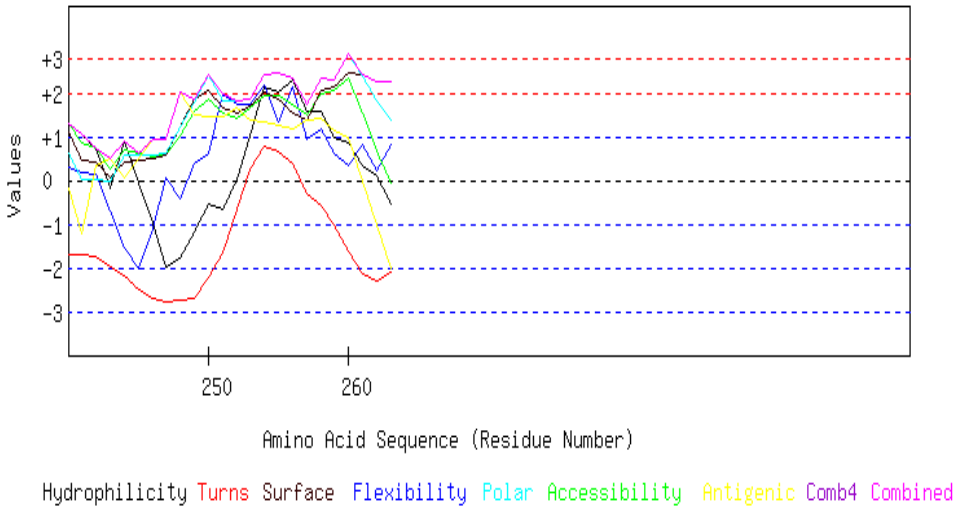
Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 181 to 240



Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 241 to 300



TOP

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

MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQ
SPRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAI
DKVGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALI
ADRLVPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQL
GGGAVIELLWKKHGCSERDLKIR

Length=263

A.A.	Parameter							Combined
	Hydro	Flexi	Access	Turns	Surface	Polar	AntiPro	MAX

									MIN	AVG
1	M	-0.313	-0.186	-0.541	-0.537	1.540	1.409	-1.780	1.540	-1.780	-0.058
2	V	0.048	-0.186	-0.093	0.332	1.175	1.348	-0.770	1.348	-0.770	0.265
3	H	0.427	0.001	0.692	1.318	1.230	1.331	0.403	1.331	0.001	0.772
4	H	0.161	-0.090	1.141	1.427	0.957	1.288	1.358	1.427	-0.090	0.892
5	G	0.560	0.311	1.309	1.113	1.084	1.891	1.681	1.891	0.311	1.136
6	Q	0.926	0.043	1.431	0.365	1.093	1.889	0.082	1.889	0.043	0.833
7	M	1.173	0.179	1.599	0.059	1.294	1.312	-0.022	1.599	-0.022	0.799
8	H	1.173	0.197	1.683	0.040	1.394	0.711	-0.069	1.683	-0.069	0.733
9	A	1.173	0.734	1.683	0.184	1.394	0.711	-0.069	1.683	-0.069	0.830
10	Q	0.560	0.529	1.234	-0.107	1.011	0.670	0.356	1.234	-0.107	0.608
11	P	1.186	0.852	1.234	-0.408	0.920	0.653	0.412	1.234	-0.408	0.693
12	G	0.471	0.852	0.991	-1.088	0.756	0.038	0.579	0.991	-1.088	0.371
13	V	0.604	0.764	1.421	-1.555	1.230	0.663	1.588	1.588	-1.555	0.674
14	G	0.357	1.351	1.337	-1.826	1.130	0.639	1.645	1.645	-1.826	0.662
15	L	0.857	1.082	1.365	-1.622	1.175	1.109	1.416	1.416	-1.622	0.769
16	R	0.825	1.191	1.571	-0.925	1.376	1.129	1.457	1.571	-0.925	0.946
17	P	1.192	0.377	1.935	0.040	1.658	1.147	1.088	1.935	0.040	1.063
18	D	0.598	0.874	1.823	0.608	1.695	1.148	1.676	1.823	0.598	1.203
19	T	1.312	0.962	1.907	0.579	1.686	1.143	0.231	1.907	0.231	1.117
20	P	1.457	0.962	1.627	0.209	1.367	0.538	0.392	1.627	0.209	0.936
21	V	1.685	0.399	1.375	-0.307	1.048	0.519	0.172	1.685	-0.307	0.699
22	A	1.432	0.854	1.431	-0.479	1.103	0.073	0.345	1.432	-0.479	0.680
23	S	0.522	1.710	1.150	-0.501	0.957	0.058	0.739	1.710	-0.501	0.662
24	G	0.522	1.345	1.150	-0.488	0.957	0.058	0.739	1.345	-0.488	0.612
25	Q	1.167	1.573	1.421	-0.422	1.121	0.077	0.310	1.573	-0.422	0.750
26	L	1.363	0.758	1.617	-0.136	1.276	0.097	1.361	1.617	-0.136	0.905
27	P	1.363	1.776	1.617	0.352	1.276	0.097	1.361	1.776	0.097	1.120
28	S	0.496	2.273	1.487	0.720	1.303	0.099	1.682	2.273	0.099	1.151

29 T	0.383	2.231	1.589	0.546	1.403	0.681	1.518	2.231	0.383	1.193
30 S	1.375	2.553	1.823	0.081	1.549	0.695	1.243	2.553	0.081	1.331
31 I	1.508	2.553	2.010	-0.637	1.750	1.301	1.022	2.553	-0.637	1.358
32 R	1.363	3.505	2.290	-1.128	2.069	1.906	0.861	3.505	-1.128	1.552
33 S	1.445	2.367	2.244	-1.106	2.069	1.906	0.980	2.367	-1.106	1.415
34 R	1.394	2.367	2.085	-1.098	1.868	1.886	0.821	2.367	-1.098	1.332
35 R	1.394	2.385	2.085	-1.009	1.868	1.886	0.821	2.385	-1.009	1.347
36 S	1.540	1.571	1.804	-0.823	1.549	1.281	0.982	1.804	-0.823	1.129
37 G	1.489	1.207	2.103	-0.966	2.032	1.856	0.887	2.103	-0.966	1.230
38 I	1.356	1.393	1.674	-0.982	1.558	1.231	-0.123	1.674	-0.982	0.873
39 S	1.470	2.293	1.571	-1.032	1.458	0.649	0.042	2.293	-1.032	0.921
40 K	1.325	1.928	1.851	-1.276	1.777	1.253	-0.119	1.928	-1.276	0.963
41 A	1.457	0.594	2.188	-1.490	2.187	1.853	-0.146	2.188	-1.490	0.949
42 Q	2.292	1.169	2.524	-1.553	2.360	1.871	-0.427	2.524	-1.553	1.177
43 R	1.249	1.491	2.393	-1.760	2.224	1.876	-0.564	2.393	-1.760	0.987
44 E	1.382	0.473	2.272	-1.719	1.950	1.881	-0.655	2.272	-1.719	0.798
45 T	1.514	-0.605	2.702	-1.791	2.424	2.506	0.354	2.702	-1.791	1.015
46 W	0.553	-0.737	2.290	-2.022	2.060	2.469	0.625	2.469	-2.022	0.748
47 E	-0.344	0.341	1.879	-2.291	1.604	1.869	0.649	1.879	-2.291	0.529
48 R	-0.705	-0.438	1.795	-2.307	1.513	1.289	0.895	1.795	-2.307	0.292
49 L	-0.540	-0.625	1.926	-2.215	1.722	1.868	0.828	1.926	-2.215	0.423
50 W	-0.490	-0.625	1.823	-1.862	1.713	1.849	1.240	1.849	-1.862	0.521
51 P	-0.623	-0.326	1.487	-1.657	1.303	1.249	1.267	1.487	-1.657	0.386
52 E	-1.470	-0.685	0.973	-1.696	0.838	0.630	1.703	1.703	-1.696	0.042
53 L	-1.470	-1.464	0.973	-1.944	0.838	0.630	1.703	1.703	-1.944	-0.105
54 G	-0.705	-0.901	0.954	-2.152	0.820	0.605	0.671	0.954	-2.152	-0.101
55 L	-1.419	-1.037	0.627	-2.373	0.556	0.591	0.886	0.886	-2.373	-0.310
56 L	-1.780	0.023	0.543	-2.230	0.465	0.010	1.132	1.132	-2.230	-0.262
57 A	-0.819	0.586	0.954	-1.898	0.829	0.047	0.860	0.954	-1.898	0.080
58 L	-0.768	1.399	1.113	-1.185	1.030	0.068	1.020	1.399		

-1.185 0.382
59 P -0.054 2.231 1.440 -0.327 1.294 0.081 0.805 2.231
-0.327 0.781
60 Q 0.794 2.363 1.954 0.296 1.759 0.700 0.369 2.363
0.296 1.176
61 S 1.021 2.231 1.945 0.398 1.713 0.700 1.379 2.231
0.398 1.341
62 P 1.932 1.279 2.225 0.078 1.859 0.715 0.985 2.225
0.078 1.296
63 R 1.932 1.459 2.225 -0.407 1.859 0.715 0.985 2.225
-0.407 1.253
64 G 1.318 1.137 1.776 -0.656 1.476 0.674 1.410 1.776
-0.656 1.019
65 T 1.540 1.323 1.898 -0.420 1.640 1.143 1.242 1.898
-0.420 1.195
66 P 1.736 0.832 1.851 -0.078 1.522 1.144 1.062 1.851
-0.078 1.153
67 V 1.736 -0.030 1.851 0.209 1.522 1.144 1.062 1.851
-0.030 1.071
68 D 1.508 -0.108 1.860 0.078 1.567 1.144 0.052 1.860
-0.108 0.872
69 T 0.547 -0.019 1.683 -0.457 1.431 1.149 0.034 1.683
-0.457 0.624
70 R -0.167 0.303 1.375 -1.126 1.112 1.134 0.065 1.375
-1.126 0.385
71 A 0.427 0.029 1.487 -1.530 1.075 1.133 -0.524 1.487
-1.530 0.299
72 W 0.060 0.029 1.646 -1.748 1.230 1.269 -0.516 1.646
-1.748 0.281
73 F 0.364 0.890 1.720 -1.442 1.394 1.738 -0.565 1.738
-1.442 0.585
74 G 0.231 0.968 1.290 -1.124 0.920 1.113 -1.575 1.290
-1.575 0.261
75 R 0.231 0.245 1.533 -0.673 1.194 1.132 -0.344 1.533
-0.673 0.474
76 D 0.629 -0.773 1.393 -0.429 1.166 1.108 0.222 1.393
-0.773 0.474
77 A 0.977 -0.737 1.337 -0.423 1.203 1.106 0.560 1.337
-0.737 0.575
78 P 0.035 -1.061 1.262 -0.817 1.257 1.111 0.994 1.262
-1.061 0.397
79 V 0.263 -0.793 1.160 -1.300 1.148 1.086 0.969 1.160
-1.300 0.362
80 V -0.876 0.159 0.748 -2.039 0.811 0.599 1.299 1.299
-2.039 0.100
81 L -0.648 0.882 0.739 -2.363 0.765 0.599 2.310 2.310
-2.363 0.326
82 E -0.370 1.942 0.646 -2.366 0.647 0.600 2.250 2.250
-2.366 0.478
83 I 0.225 1.994 0.758 -1.963 0.610 0.598 1.661 1.994
-1.963 0.555
84 G 0.869 2.810 1.029 -1.104 0.774 0.617 1.232 2.810
-1.104 0.890
85 S 1.812 3.038 1.103 -0.375 0.720 0.611 0.798 3.038
-0.375 1.101
86 G 1.647 2.673 0.973 0.152 0.510 0.032 0.865 2.673
0.032 0.979
87 S 2.564 1.842 1.262 0.396 0.683 0.050 0.703 2.564
0.050 1.071

88 G	2.532	0.986	1.468	0.520	0.884	0.070	0.743	2.532
0.070	1.029							
89 T	1.540	0.245	1.234	0.411	0.738	0.055	1.019	1.540
0.055	0.749							
90 S	1.312	-0.246	1.244	0.273	0.784	0.055	0.008	1.312
-0.246	0.490							
91 T	0.636	-0.270	1.085	-0.448	0.674	0.052	-0.207	1.085
-0.448	0.217							
92 L	0.408	-0.761	1.094	-1.259	0.720	0.052	-1.217	1.094
-1.259	-0.138							
93 A	0.440	0.019	1.346	-2.074	1.203	0.627	-1.193	1.346
-2.074	0.053							
94 M	0.161	0.377	1.197	-2.546	1.048	0.607	-2.363	1.197
-2.546	-0.217							
95 A	0.326	0.582	1.328	-2.663	1.257	1.187	-2.430	1.328
-2.663	-0.059							
96 K	1.040	0.485	1.655	-2.361	1.522	1.200	-2.645	1.655
-2.645	0.128							
97 A	1.040	0.193	1.814	-1.633	1.695	1.820	-1.368	1.820
-1.633	0.509							
98 E	1.072	0.097	1.702	-0.724	1.640	1.804	-0.724	1.804
-0.724	0.695							
99 P	1.571	-0.803	1.973	0.397	1.959	2.293	0.277	2.293
-0.803	1.095							
100H	0.977	-1.162	1.403	0.950	1.312	1.700	0.801	1.700
-1.162	0.855							
101V	0.338	-1.348	1.262	0.821	1.294	1.702	2.133	2.133
-1.348	0.886							
102D	-0.022	-0.713	0.935	0.025	0.929	1.103	1.149	1.149
-0.713	0.487							
103V	-0.389	-1.348	0.571	-0.981	0.647	1.085	1.518	1.518
-1.348	0.158							
104I	0.111	-1.658	0.683	-1.632	0.793	0.954	1.242	1.242
-1.658	0.070							
105A	0.111	-0.520	0.683	-1.577	0.793	0.954	1.242	1.242
-1.577	0.241							
106V	-0.642	0.293	0.664	-1.189	0.711	0.485	1.583	1.583
-1.189	0.272							
107D	-0.142	1.016	1.216	-0.866	1.194	1.108	0.993	1.216
-0.866	0.646							
108V	0.629	0.273	1.786	-0.948	1.686	1.731	0.671	1.786
-0.948	0.832							
109Y	0.857	0.369	1.776	-1.480	1.640	1.731	1.681	1.776
-1.480	0.939							
110R	0.509	1.267	1.814	-1.957	1.658	1.734	1.527	1.814
-1.957	0.936							
111R	0.010	0.249	1.543	-2.339	1.339	1.245	0.526	1.543
-2.339	0.368							
112G	0.623	-0.769	1.991	-2.226	1.722	1.286	0.101	1.991
-2.226	0.390							
113L	0.161	-1.360	1.655	-2.093	1.494	1.272	0.203	1.655
-2.093	0.191							
114A	-0.686	-1.156	1.141	-1.908	1.030	0.653	0.639	1.141
-1.908	-0.041							
115Q	-0.863	-1.480	0.496	-1.663	0.465	0.046	1.262	1.262
-1.663	-0.248							
116L	-1.090	-1.432	0.505	-1.546	0.510	0.046	0.252	0.510
-1.546	-0.393							
117L	-1.015	-0.396	0.449	-1.467	0.483	0.043	0.139	0.483

-1.467 -0.252
118C -0.515 -0.288 0.720 -1.229 0.802 0.532 1.140 1.140
-1.229 0.166
119A -0.534 0.303 0.842 -1.203 1.066 1.084 1.042 1.084
-1.203 0.371
120I -0.186 1.159 0.804 -1.079 1.048 1.080 1.195 1.195
-1.079 0.574
121D 0.756 2.022 0.879 -1.084 0.993 1.075 0.761 2.022
-1.084 0.772
122K 1.078 2.110 1.244 -1.046 1.239 1.077 0.298 2.110
-1.046 0.857
123V 1.578 0.954 1.515 -0.735 1.558 1.566 1.299 1.578
-0.735 1.105
124G 2.444 1.660 1.646 -0.116 1.531 1.564 0.978 2.444
-0.116 1.386
125S 1.306 0.708 1.234 0.198 1.194 1.077 1.309 1.309
0.198 1.004
126D 1.388 0.666 1.085 0.620 0.866 0.523 1.131 1.388
0.523 0.897
127G 1.116 -0.078 1.066 0.329 0.856 0.523 0.864 1.116
-0.078 0.668
128I 1.021 -1.029 1.505 0.022 1.376 1.148 0.862 1.505
-1.029 0.701
129N 0.029 -0.909 1.272 -0.543 1.230 1.133 1.138 1.272
-0.909 0.478
130I -1.109 -0.891 0.860 -1.268 0.893 0.646 1.468 1.468
-1.268 0.086
131R -2.051 0.043 0.786 -2.092 0.948 0.651 1.903 1.903
-2.092 0.027
132L -1.185 -0.771 0.917 -2.557 0.920 0.650 1.582 1.582
-2.557 -0.064
133I -1.185 -0.663 0.917 -2.422 0.920 0.650 1.582 1.582
-2.422 -0.029
134L -0.547 0.201 1.057 -1.584 0.938 0.648 0.250 1.057
-1.584 0.138
135G -1.046 0.309 0.505 -0.580 0.455 0.025 0.839 0.839
-1.046 0.072
136N 0.168 -0.522 0.860 0.160 0.765 0.508 0.395 0.860
-0.522 0.333
137A 0.440 -0.641 0.879 0.304 0.774 0.508 0.662 0.879
-0.641 0.418
138V 0.440 -0.550 0.879 -0.008 0.774 0.508 0.662 0.879
-0.550 0.386
139D 0.459 -0.659 1.216 -0.344 1.194 0.550 0.825 1.216
-0.659 0.463
140V 0.149 -1.522 1.075 -0.483 1.057 1.130 1.206 1.206
-1.522 0.373
141L -0.566 -1.426 0.991 -0.324 1.066 1.135 2.651 2.651
-1.426 0.504
142Q -0.838 -0.863 0.973 -0.051 1.057 1.135 2.384 2.384
-0.863 0.542
143H -1.337 -0.815 0.702 -0.276 0.738 0.646 1.383 1.383
-1.337 0.149
144L -0.970 -0.050 1.066 -0.654 1.020 0.664 1.014 1.066
-0.970 0.299
145I 0.244 -0.050 1.421 -0.951 1.330 1.147 0.570 1.421
-0.951 0.530
146A 0.275 0.311 1.244 -0.552 1.112 1.125 0.566 1.244
-0.552 0.583

147P	-0.439	0.938	1.001	0.093	0.948	0.510	0.734	1.001
-0.439	0.541							
148D	0.231	0.483	0.870	0.899	0.847	0.523	0.921	0.921
0.231	0.682							
149S	1.097	0.758	1.001	0.912	0.820	0.521	0.600	1.097
0.521	0.816							
150L	0.730	-0.194	0.879	0.394	0.811	0.523	2.199	2.199
-0.194	0.763							
151C	0.863	-0.164	1.066	-0.435	1.011	1.128	1.978	1.978
-0.435	0.778							
152G	-0.003	-0.374	0.674	-1.180	0.683	0.641	2.576	2.576
-1.180	0.431							
153V	-0.996	-0.643	0.459	-1.711	0.483	0.625	2.667	2.667
-1.711	0.126							
154R	-0.996	-0.007	0.477	-1.739	0.428	0.624	2.483	2.483
-1.739	0.181							
155V	-0.951	-0.462	0.935	-1.430	0.793	0.625	2.081	2.081
-1.430	0.227							
156F	-0.680	-0.869	1.216	-0.600	1.157	1.114	2.072	2.072
-0.869	0.487							
157F	-0.313	-0.336	1.580	0.291	1.440	1.131	1.703	1.703
-0.336	0.785							
158P	-1.211	0.670	1.169	0.858	0.984	0.532	1.726	1.726
-1.211	0.675							
159D	-0.844	0.311	1.533	1.036	1.267	0.549	1.357	1.533
-0.844	0.744							
160P	0.098	0.586	2.047	0.556	1.950	1.140	1.171	2.047
0.098	1.078							
161W	0.813	0.317	2.113	-0.139	1.996	1.136	-0.090	2.113
-0.139	0.878							
162P	0.945	0.910	2.300	-0.943	2.196	1.741	-0.311	2.300
-0.943	0.977							
163K	0.446	1.383	2.188	-1.189	2.050	1.872	-0.035	2.188
-1.189	0.959							
164A	0.446	1.365	2.103	-0.762	1.950	2.473	0.013	2.473
-0.762	1.084							
165R	1.438	2.178	2.533	0.205	2.570	3.042	0.056	3.042
0.056	1.718							
166H	1.571	1.161	2.720	0.926	2.770	3.648	-0.165	3.648
-0.165	1.804							
167H	1.476	0.866	2.702	0.880	2.606	3.678	-0.231	3.678
-0.231	1.711							
168K	0.762	1.267	2.617	-0.151	2.615	3.684	1.214	3.684
-0.151	1.715							
169R	-0.085	0.794	2.103	-1.408	2.151	3.064	1.650	3.064
-1.408	1.181							
170R	0.161	-0.019	2.272	-2.233	2.351	2.487	1.546	2.487
-2.233	0.938							
171L	0.161	-0.342	2.356	-2.259	2.451	1.886	1.498	2.451
-2.259	0.822							
172L	-0.066	-0.252	1.907	-1.710	1.813	1.291	0.423	1.907
-1.710	0.487							
173Q	-0.003	-0.048	1.674	-1.071	1.494	0.687	0.465	1.674
-1.071	0.457							
174P	-0.534	-0.743	1.234	-0.841	1.066	0.079	0.410	1.234
-0.841	0.096							
175A	0.180	-1.426	1.318	-0.960	1.057	0.074	-1.035	1.318
-1.426	-0.113							
176T	0.180	-1.426	1.318	-1.436	1.057	0.074	-1.035	1.318

-1.436 -0.181
177M -0.705 -1.378 0.851 -2.016 0.665 0.033 -0.876 0.851
-2.016 -0.489
178A -0.705 -0.450 0.608 -2.506 0.392 0.014 -2.106 0.608
-2.506 -0.679
179L -0.205 -0.655 0.879 -2.387 0.711 0.503 -1.105 0.879
-2.387 -0.323
180I -0.269 -0.546 1.113 -2.136 1.030 1.108 -1.147 1.113
-2.136 -0.121
181A -0.585 0.137 1.038 -1.548 0.993 1.096 -0.657 1.096
-1.548 0.068
182D -0.951 0.992 0.917 -1.294 0.984 1.098 0.942 1.098
-1.294 0.384
183R -0.237 1.080 1.244 -1.235 1.248 1.111 0.727 1.248
-1.235 0.563
184L 0.680 0.171 1.533 -1.146 1.422 1.129 0.565 1.533
-1.146 0.622
185V 0.907 0.171 1.524 -0.793 1.376 1.129 1.576 1.576
-0.793 0.841
186P 0.041 0.357 1.132 -0.436 1.048 0.642 2.173 2.173
-0.436 0.708
187S -0.806 -0.001 0.618 -0.284 0.583 0.023 2.609 2.609
-0.806 0.392
188G -0.092 -0.857 0.860 -0.300 0.747 0.637 2.442 2.442
-0.857 0.491
189V 0.275 -0.993 0.982 -0.498 0.756 0.636 0.843 0.982
-0.993 0.286
190L 0.275 -0.358 0.739 -0.391 0.483 0.617 -0.387 0.739
-0.391 0.140
191H 0.193 -0.064 0.786 -0.290 0.483 0.617 -0.506 0.786
-0.506 0.174
192A 0.465 0.205 1.066 -0.061 0.847 1.106 -0.516 1.106
-0.516 0.445
193A 0.832 0.832 1.346 0.301 1.030 1.724 -0.837 1.724
-0.837 0.747
194T 1.546 0.425 1.674 1.071 1.294 1.737 -1.052 1.737
-1.052 0.956
195D 1.774 -0.066 1.505 1.669 1.075 1.118 -1.319 1.774
-1.319 0.822
196H 1.521 -0.030 1.758 1.911 1.312 1.137 0.023 1.911
-0.030 1.090
197P 1.521 -0.030 1.758 1.248 1.312 1.137 0.023 1.758
-0.030 0.996
198G 1.685 -0.713 1.889 0.082 1.522 1.717 -0.044 1.889
-0.713 0.877
199Y 1.186 -1.340 1.776 -0.590 1.376 1.847 0.232 1.847
-1.340 0.641
200A 0.547 -0.933 1.477 -0.923 1.185 1.229 0.287 1.477
-0.933 0.410
201E 0.547 -0.933 1.234 -0.691 0.911 1.210 -0.943 1.234
-0.943 0.191
202H 0.319 -0.881 1.244 -0.683 0.957 1.210 -1.954 1.244
-1.954 0.030
203I 0.572 -0.432 0.991 -1.027 0.720 1.191 -3.296 1.191
-3.296 -0.183
204A 0.800 -0.108 0.982 -1.591 0.674 1.191 -2.286 1.191
-2.286 -0.048
205A 0.939 0.467 0.926 -1.590 0.629 1.080 -2.268 1.080
-2.268 0.026

206A	0.939	0.826	0.767	-1.484	0.455	0.461	-3.546	0.939
-3.546	-0.226							
207G	1.938	1.639	1.234	-0.903	0.838	1.058	-3.894	1.938
-3.894	0.273							
208D	1.938	0.808	1.477	-0.579	1.112	1.077	-2.664	1.938
-2.664	0.453							
209A	2.071	0.173	1.907	-0.664	1.586	1.702	-1.654	2.071
-1.654	0.731							
210E	1.356	0.986	1.823	-0.988	1.595	1.707	-0.209	1.823
-0.988	0.896							
211P	0.762	0.315	1.711	-1.372	1.631	1.709	0.379	1.711
-1.372	0.734							
212R	0.395	0.495	1.870	-1.875	1.786	1.845	0.387	1.870
-1.875	0.700							
213L	0.029	0.041	1.748	-2.194	1.777	1.846	1.986	1.986
-2.194	0.748							
214V	0.168	0.784	1.692	-2.081	1.731	1.736	2.003	2.003
-2.081	0.862							
215R	0.168	1.371	1.692	-1.652	1.731	1.736	2.003	2.003
-1.652	1.007							
216V	0.534	1.133	1.533	-0.544	1.576	1.600	1.995	1.995
-0.544	1.118							
217D	1.445	1.024	1.814	0.524	1.722	1.614	1.601	1.814
0.524	1.392							
218P	2.172	0.281	2.262	1.141	2.096	2.212	0.986	2.262
0.281	1.593							
219D	1.325	0.281	1.748	0.946	1.631	1.593	1.422	1.748
0.281	1.278							
220T	0.977	-0.583	1.786	0.116	1.649	1.597	1.268	1.786
-0.583	0.973							
221E	0.477	-0.218	1.758	-0.871	1.604	1.127	1.497	1.758
-0.871	0.768							
222L	-0.161	-0.889	1.375	-1.551	1.312	1.110	1.599	1.599
-1.551	0.399							
223L	-0.382	-0.781	1.253	-1.548	1.148	0.641	1.768	1.768
-1.548	0.300							
224P	-0.945	0.237	0.935	-1.329	0.984	0.623	2.316	2.316
-1.329	0.403							
225I	-1.672	0.237	0.487	-0.986	0.610	0.025	2.931	2.931
-1.672	0.233							
226S	-0.825	0.562	1.001	-1.055	1.075	0.644	2.495	2.495
-1.055	0.557							
227V	-0.111	0.197	1.328	-1.139	1.339	0.657	2.280	2.280
-1.139	0.650							
228V	-0.111	1.125	1.085	-1.489	1.066	0.638	1.050	1.125
-1.489	0.481							
229R	0.724	0.814	1.421	-1.316	1.239	0.657	0.769	1.421
-1.316	0.615							
230P	0.673	0.576	1.720	-1.311	1.722	1.231	0.674	1.722
-1.311	0.755							
231A	0.787	1.030	2.094	-1.104	1.968	1.249	0.417	2.094
-1.104	0.920							
232T	1.514	1.862	2.543	-1.244	2.342	1.847	-0.198	2.543
-1.244	1.238							
233K	1.514	1.371	2.543	-1.474	2.342	1.847	-0.198	2.543
-1.474	1.135							
234Y	1.742	1.030	2.748	-1.916	2.707	2.423	-0.353	2.748
-1.916	1.197							
235E	1.742	1.233	2.748	-2.179	2.707	2.423	-0.353	2.748

-2.179	1.189							
236R	1.793	1.285	2.879	-2.330	2.925	2.445	-0.230	2.925
-2.330	1.252							
237K	0.850	1.099	2.346	-2.234	2.296	1.856	0.140	2.346
-2.234	0.908							
238A	1.331	0.894	2.085	-2.010	2.014	1.837	-0.192	2.085
-2.010	0.851							
239Q	1.198	0.894	1.748	-1.797	1.604	1.237	-0.165	1.748
-1.797	0.674							
240L	1.293	0.307	1.309	-1.680	1.084	0.612	-0.164	1.309
-1.680	0.394							
241G	1.065	0.187	0.860	-1.708	0.446	0.018	-1.239	1.065
-1.708	-0.053							
242G	0.699	0.135	0.739	-1.756	0.437	0.019	0.360	0.739
-1.756	0.090							
243G	-0.186	-0.697	0.272	-1.982	0.045	-0.021	0.518	0.518
-1.982	-0.293							
244A	0.888	-1.528	0.683	-2.191	0.401	0.573	0.057	0.888
-2.191	-0.160							
245V	-0.054	-2.031	0.608	-2.499	0.455	0.578	0.491	0.608
-2.499	-0.350							
246I	-0.996	-1.103	0.533	-2.701	0.510	0.584	0.926	0.926
-2.701	-0.321							
247E	-1.988	0.053	0.561	-2.775	0.574	0.609	0.948	0.948
-2.775	-0.288							
248L	-1.761	-0.432	1.010	-2.731	1.212	1.203	2.023	2.023
-2.731	0.075							
249L	-1.166	0.399	1.580	-2.700	1.859	1.797	1.499	1.859
-2.700	0.467							
250W	-0.528	0.640	1.879	-2.220	2.050	2.415	1.445	2.415
-2.220	0.812							
251K	-0.661	1.998	1.543	-1.660	1.640	1.815	1.472	1.998
-1.660	0.878							
252K	0.010	1.742	1.412	-0.663	1.540	1.827	1.659	1.827
-0.663	1.075							
253H	1.002	1.724	1.646	0.267	1.686	1.842	1.384	1.842
0.267	1.364							
254G	2.128	2.172	1.954	0.774	2.032	2.416	1.335	2.416
0.774	1.830							
255C	2.033	1.341	1.935	0.645	1.868	2.446	1.269	2.446
0.645	1.648							
256S	2.305	2.136	1.758	0.393	1.549	2.341	1.195	2.341
0.393	1.668							
257E	1.590	0.956	1.515	-0.283	1.385	1.726	1.363	1.726
-0.283	1.179							
258R	1.590	1.195	1.973	-0.576	2.069	2.321	1.428	2.321
-0.576	1.428							
259D	0.996	0.636	2.047	-1.035	2.142	2.305	1.127	2.305
-1.035	1.174							
260L	0.850	0.351	2.328	-1.615	2.461	2.910	0.966	2.910
-1.615	1.179							
261K	0.357	0.810	1.543	-2.136	2.415	2.370	-0.017	2.415
-2.136	0.763							
262I	0.092	0.233	0.655	-2.301	2.260	1.805	-1.027	2.260
-2.301	0.245							
263R	-0.540	0.812	-0.074	-2.117	2.260	1.377	-2.028	2.260
-2.117	-0.044							

TOP

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	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]
Hydrophilicity	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]
Flexibility	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]
Accessibility	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]
Turns	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]
Exposed Surface	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK

	VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]
Polarity	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]
Antigenic Propensity	[1]MVHHGQMHAQPGVGLRPDTPVASGQLPSTSIRSRRSGISKAQRETWERLWPELGLLALPQS PRGTPVDTRAWFGRDAPVVLEIGSGSGTSTLAMAKAEPHVDVIAVDVYRRGLAQLLCAIDK VGSDGINIRLILGNAVDVLQHLIAPDSLCGVRVFFPDPWPKARHHKRRLLQPATMALIADRL VPSGVLHAATDHPGYAEHIAAAGDAEPRLVRVDPDTELLPISVVRPATKYERKAQLGGGAVI ELLWKKHGCSERDLKIR[263]

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