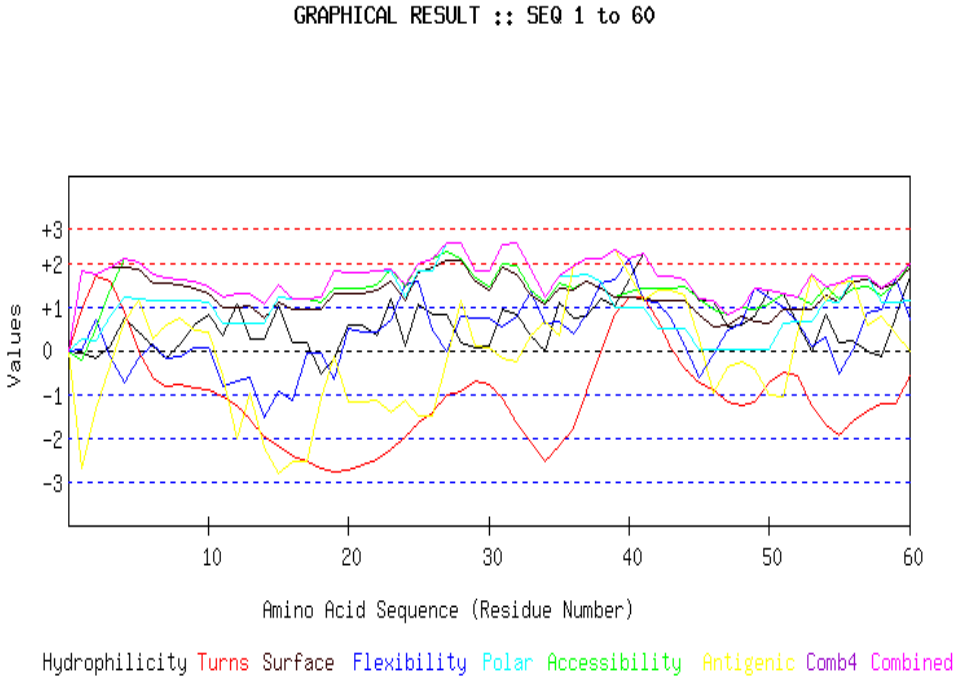
BcePred Prediction Server

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

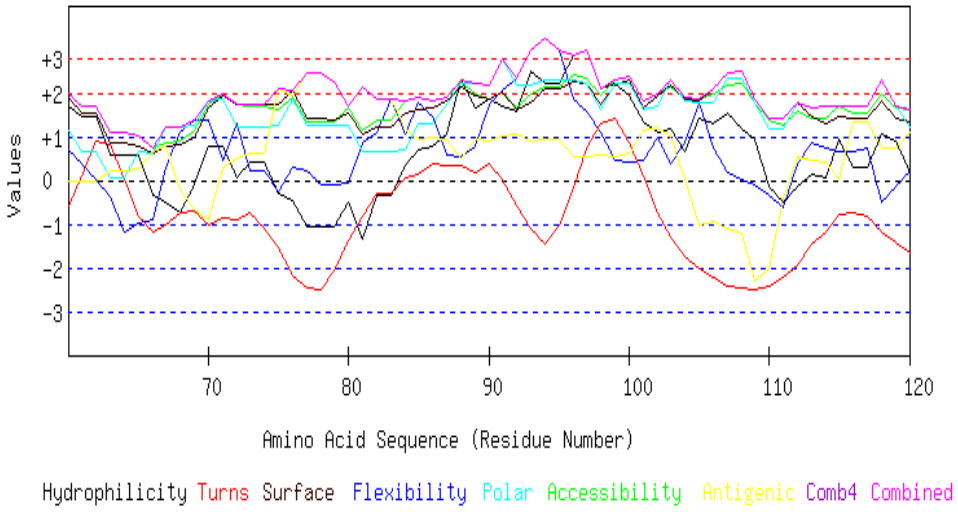
seqname=
Seq=MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLIDVKA
PTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFVEDRTIFEGYS
AASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSADVYTKVSETSDHGYP
IREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIGYASHDTDTVRLYLQETLTFLCY
TAEASVALSH

Length=265

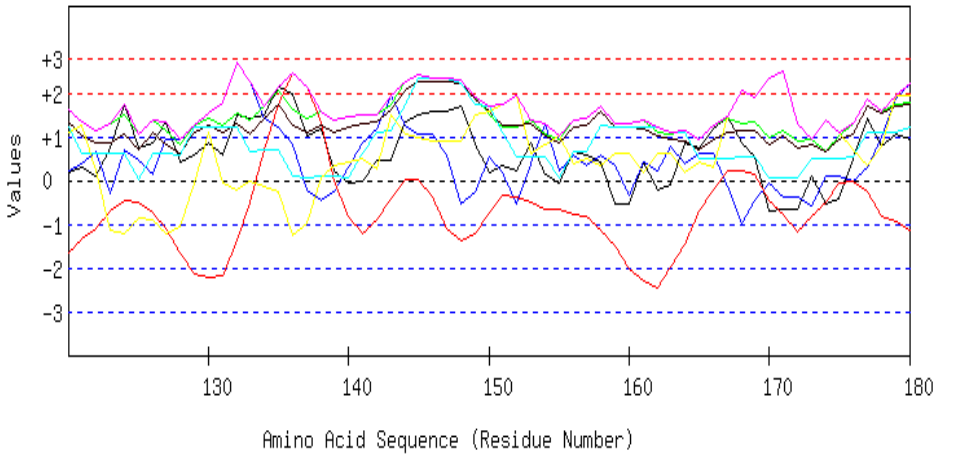
GRAPHICAL RESULT



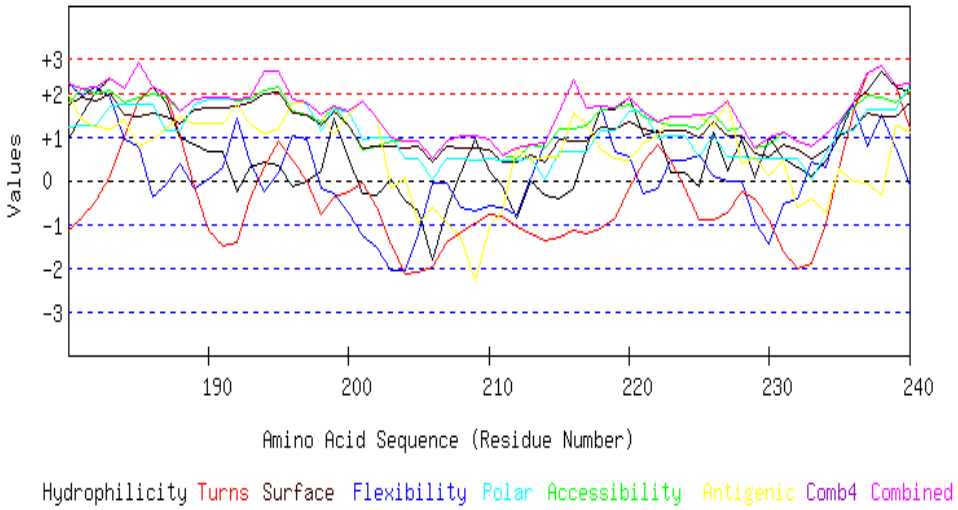
GRAPHICAL RESULT :: SEQ 61 to 120



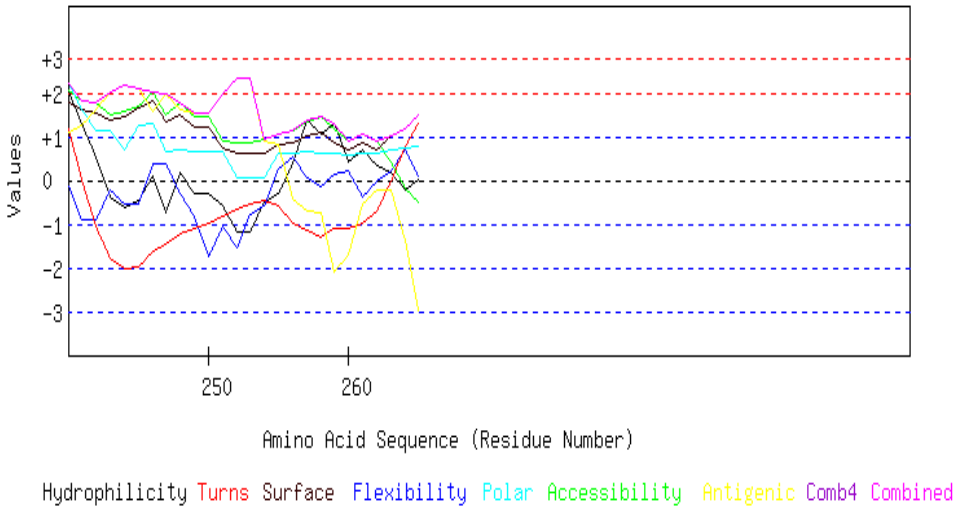
GRAPHICAL RESULT :: SEQ 121 to 180



GRAPHICAL RESULT :: SEQ 181 to 240



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

MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLIDVKA
PTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFVEDRTIF
EGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSADVYTK
VSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIGYASHDTD
TVRLYLQETLTFLCYTAEASVALSH

Length=265

A.A. **Parameter Combined**

Hydro Flexi Access Turns Surface Polar AntiPro MAX

									MIN	AVG
1	M	-0.041	0.033	-0.224	0.945	1.832	0.254	-2.695	1.832	-2.695	0.015
2	N	-0.161	0.686	0.487	1.688	1.750	0.213	-1.353	1.750	-1.353	0.473
3	N	0.104	-0.128	1.375	1.595	1.905	0.778	-0.343	1.905	-0.343	0.755
4	L	0.737	-0.737	2.103	0.898	1.905	1.207	0.658	2.103	-0.737	0.967
5	Y	0.421	-0.174	2.029	-0.015	1.868	1.195	1.148	2.029	-0.174	0.925
6	R	0.111	0.137	1.730	-0.619	1.558	1.154	0.251	1.730	-0.619	0.617
7	D	-0.199	-0.186	1.674	-0.815	1.522	1.133	0.584	1.674	-0.815	0.530
8	L	0.149	-0.150	1.636	-0.783	1.504	1.129	0.738	1.636	-0.783	0.603
9	A	0.598	0.055	1.580	-0.850	1.422	1.129	0.446	1.580	-0.850	0.626
10	P	0.825	0.055	1.477	-0.884	1.312	1.104	0.421	1.477	-0.884	0.616
11	V	0.326	-0.807	1.206	-1.072	0.993	0.615	-0.580	1.206	-1.072	0.097
12	T	1.040	-0.711	1.290	-1.273	0.984	0.610	-2.025	1.290	-2.025	-0.012
13	E	0.275	-0.627	1.309	-1.591	1.002	0.635	-0.993	1.309	-1.591	0.002
14	A	0.275	-1.526	1.066	-1.994	0.729	0.616	-2.223	1.066	-2.223	-0.437
15	A	1.002	-0.951	1.515	-2.175	1.103	1.214	-2.838	1.515	-2.838	-0.161
16	W	0.168	-1.156	1.178	-2.410	0.929	1.196	-2.557	1.196	-2.557	-0.379
17	A	0.168	-0.078	1.178	-2.530	0.929	1.196	-2.557	1.196	-2.557	-0.242
18	E	-0.547	-0.078	1.094	-2.694	0.938	1.201	-1.112	1.201	-2.694	-0.171
19	I	-0.186	-0.653	1.421	-2.784	1.303	1.801	-0.128	1.801	-2.784	0.111
20	E	0.579	0.485	1.403	-2.753	1.285	1.776	-1.161	1.776	-2.753	0.230
21	L	0.579	0.401	1.403	-2.621	1.285	1.776	-1.161	1.776	-2.621	0.237
22	E	0.351	0.431	1.505	-2.511	1.394	1.801	-1.135	1.801	-2.511	0.262
23	A	1.186	0.688	1.842	-2.271	1.567	1.819	-1.416	1.842	-2.271	0.488
24	A	0.111	1.501	1.449	-1.990	1.157	1.224	-1.139	1.501	-1.990	0.331
25	R	1.053	1.591	1.982	-1.646	1.786	1.813	-1.509	1.982	-1.646	0.724
26	T	0.825	0.453	2.085	-1.413	1.895	1.838	-1.483	2.085	-1.483	0.600
27	F	0.825	-0.038	2.244	-1.037	2.069	2.458	-0.206	2.458	-1.037	0.902
28	K	0.187	0.764	2.103	-0.950	2.050	2.460	1.126	2.460	-0.950	1.106

29 R	0.054	0.746	1.674	-0.709	1.576	1.835	0.117	1.835
-0.709	0.756							
30 H	0.085	0.746	1.468	-0.773	1.376	1.815	0.076	1.815
-0.773	0.685							
31 I	0.933	0.560	1.963	-1.097	1.895	2.435	-0.176	2.435
-1.097	0.930							
32 A	0.838	0.788	1.945	-1.671	1.731	2.466	-0.242	2.466
-1.671	0.836							
33 G	0.338	1.327	1.393	-2.090	1.248	1.842	0.348	1.842
-2.090	0.630							
34 R	-0.028	0.604	1.113	-2.520	1.066	1.224	0.669	1.224
-2.520	0.304							
35 R	1.110	0.646	1.524	-2.186	1.403	1.711	0.339	1.711
-2.186	0.650							
36 V	0.743	0.371	1.403	-1.775	1.394	1.713	1.938	1.938
-1.775	0.827							
37 V	0.794	0.826	1.561	-0.937	1.595	1.733	2.097	2.097
-0.937	1.096							
38 D	1.160	1.549	1.403	-0.035	1.440	1.597	2.089	2.089
-0.035	1.315							
39 V	1.028	1.637	1.216	0.802	1.239	0.991	2.310	2.310
0.802	1.318							
40 S	1.622	2.092	1.328	1.217	1.203	0.990	1.721	2.092
0.990	1.453							
41 D	2.216	1.141	1.440	1.239	1.166	0.988	1.133	2.216
0.988	1.332							
42 P	1.717	1.093	1.412	0.706	1.121	0.518	1.362	1.717
0.518	1.133							
43 G	1.717	0.734	1.412	0.076	1.121	0.518	1.362	1.717
0.076	0.991							
44 G	1.634	0.107	1.459	-0.425	1.121	0.518	1.243	1.634
-0.425	0.808							
45 P	1.135	-0.617	1.188	-0.751	0.802	0.029	0.242	1.188
-0.751	0.290							
46 V	1.135	-0.120	0.945	-0.914	0.528	0.010	-0.988	1.135
-0.988	0.085							
47 T	0.541	0.467	0.832	-1.190	0.565	0.012	-0.400	0.832
-1.190	0.118							
48 A	0.591	0.604	0.991	-1.248	0.765	0.032	-0.240	0.991
-1.248	0.214							
49 A	0.787	1.417	0.945	-1.189	0.647	0.033	-0.420	1.417
-1.189	0.317							
50 V	1.382	1.213	1.057	-0.732	0.610	0.031	-1.008	1.382
-1.008	0.365							
51 S	1.318	0.984	1.290	-0.497	0.929	0.636	-1.050	1.318
-1.050	0.516							
52 T	0.604	0.668	1.206	-0.599	0.938	0.641	0.395	1.206
-0.599	0.551							
53 G	-0.035	0.081	1.066	-1.271	0.920	0.643	1.727	1.727
-1.271	0.447							
54 R	0.832	0.285	1.459	-1.690	1.248	1.131	1.130	1.459
-1.690	0.628							
55 L	0.187	-0.528	1.188	-1.937	1.084	1.112	1.558	1.558
-1.937	0.380							
56 I	0.218	0.035	1.440	-1.627	1.567	1.687	1.583	1.687
-1.627	0.700							
57 D	-0.009	0.850	1.449	-1.372	1.613	1.687	0.572	1.687
-1.372	0.684							
58 V	-0.142	0.920	1.262	-1.210	1.412	1.081	0.793	1.412

-1.210 0.588
59 K 0.768 1.644 1.543 -1.232 1.558 1.096 0.399 1.644
-1.232 0.825
60 A 1.717 0.716 1.982 -0.565 1.886 1.134 -0.036 1.982
-0.565 0.976
61 P 1.445 0.391 1.702 0.104 1.522 0.646 -0.027 1.702
-0.027 0.826
62 T 1.445 0.033 1.702 0.906 1.522 0.646 -0.027 1.702
-0.027 0.889
63 N 0.579 -0.368 1.113 0.810 0.866 0.053 0.230 1.113
-0.368 0.469
64 G 0.579 -1.182 1.113 0.005 0.866 0.053 0.230 1.113
-1.182 0.238
65 V 0.579 -0.995 1.029 -0.836 0.765 0.654 0.277 1.029
-0.995 0.210
66 I -0.332 -0.899 0.748 -1.162 0.619 0.639 0.672 0.748
-1.162 0.041
67 A -0.509 0.281 0.879 -1.018 0.784 1.223 0.784 1.223
-1.018 0.346
68 H -0.736 1.113 0.889 -0.743 0.829 1.223 -0.227 1.223
-0.743 0.335
69 L -0.092 1.381 1.160 -0.701 0.993 1.242 -0.655 1.381
-0.701 0.475
70 R 0.775 1.381 1.748 -1.001 1.649 1.834 -0.912 1.834
-1.001 0.782
71 A 0.775 0.471 1.991 -0.869 1.923 1.853 0.318 1.991
-0.869 0.923
72 S 0.060 1.285 1.748 -0.889 1.759 1.239 0.486 1.759
-0.889 0.813
73 K 0.408 0.225 1.711 -0.739 1.741 1.235 0.639 1.741
-0.739 0.746
74 P 0.408 0.207 1.711 -1.083 1.741 1.235 0.639 1.741
-1.083 0.694
75 L -0.307 -0.248 1.627 -1.557 1.750 1.241 2.084 2.084
-1.557 0.656
76 V -0.452 0.315 1.907 -2.200 2.069 1.845 1.924 2.069
-2.200 0.773
77 R -1.046 0.237 1.337 -2.462 1.422 1.252 2.447 2.447
-2.462 0.455
78 L -1.046 -0.086 1.337 -2.488 1.422 1.252 2.447 2.447
-2.488 0.406
79 R -1.046 -0.086 1.356 -2.068 1.367 1.251 2.264 2.264
-2.068 0.434
80 V -0.484 -0.044 1.674 -1.383 1.531 1.269 1.716 1.716
-1.383 0.611
81 P -1.331 0.866 1.160 -0.802 1.066 0.650 2.151 2.151
-1.331 0.537
82 F -0.338 1.117 1.393 -0.305 1.212 0.665 1.876 1.876
-0.338 0.803
83 T -0.338 1.866 1.393 -0.303 1.212 0.665 1.876 1.876
-0.338 0.910
84 L 0.338 1.050 1.814 0.040 1.531 0.704 1.175 1.814
0.040 0.950
85 S 0.699 1.794 1.898 0.160 1.622 1.284 0.928 1.898
0.160 1.198
86 R 0.775 1.477 1.823 0.381 1.649 1.282 0.999 1.823
0.381 1.198
87 N 1.078 0.568 1.898 0.335 1.813 1.751 0.949 1.898
0.335 1.199

88 E	2.292	0.534	2.253	0.344	2.123	2.234	0.505	2.292
0.344	1.469							
89 I	1.647	0.772	1.982	0.178	1.959	2.216	0.934	2.216
0.178	1.384							
90 D	1.875	1.724	1.879	0.383	1.850	2.191	0.909	2.191
0.383	1.544							
91 D	1.698	2.040	2.010	0.008	2.014	2.775	1.021	2.775
0.008	1.652							
92 V	1.565	2.333	1.674	-0.584	1.604	2.175	1.047	2.333
-0.584	1.402							
93 E	2.482	2.968	1.963	-1.118	1.777	2.194	0.886	2.968
-1.118	1.593							
94 R	2.210	3.248	2.141	-1.462	2.096	2.299	0.960	3.248
-1.462	1.642							
95 G	2.210	2.974	2.141	-1.003	2.096	2.299	0.960	2.974
-1.003	1.668							
96 S	2.855	1.844	2.412	-0.193	2.260	2.318	0.531	2.855
-0.193	1.718							
97 K	2.994	1.563	2.356	0.754	2.214	2.207	0.548	2.994
0.548	1.805							
98 D	2.096	1.091	1.945	1.306	1.759	1.608	0.571	2.096
0.571	1.482							
99 S	2.229	0.455	2.281	1.431	2.169	2.207	0.545	2.281
0.455	1.617							
100D	1.951	0.431	2.374	0.868	2.287	2.206	0.605	2.374
0.431	1.532							
101W	1.356	0.467	1.804	0.103	1.640	1.613	1.128	1.804
0.103	1.159							
102E	1.084	0.970	1.982	-0.753	1.959	1.719	1.202	1.982
-0.753	1.166							
103P	1.167	0.395	2.160	-1.293	2.169	2.298	1.016	2.298
-1.293	1.130							
104V	0.667	0.868	1.889	-1.726	1.850	1.809	0.015	1.889
-1.726	0.767							
105K	1.432	1.796	1.870	-2.014	1.832	1.784	-1.017	1.870
-2.014	0.812							
106E	1.299	0.760	1.991	-2.229	2.105	1.779	-0.926	2.105
-2.229	0.683							
107A	1.527	0.185	2.197	-2.414	2.470	2.355	-1.081	2.470
-2.414	0.748							
108A	1.179	0.011	2.234	-2.464	2.488	2.359	-1.235	2.488
-2.464	0.653							
109K	0.952	-0.086	1.786	-2.516	1.850	1.764	-2.310	1.850
-2.516	0.206							
110K	-0.123	-0.342	1.393	-2.421	1.440	1.169	-2.032	1.440
-2.421	-0.131							
111L	-0.490	-0.635	1.272	-2.224	1.431	1.170	-0.434	1.431
-2.224	0.013							
112A	-0.129	0.383	1.599	-1.943	1.795	1.770	0.550	1.795
-1.943	0.575							
113F	0.142	0.874	1.421	-1.477	1.476	1.664	0.476	1.664
-1.477	0.654							
114V	0.048	0.724	1.403	-1.192	1.312	1.694	0.410	1.694
-1.192	0.628							
115E	0.958	0.646	1.683	-0.800	1.458	1.709	0.016	1.709
-0.800	0.810							
116D	0.319	0.646	1.543	-0.749	1.440	1.711	1.348	1.711
-0.749	0.894							
117R	0.319	0.734	1.543	-0.826	1.440	1.711	1.348	1.711

-0.826 0.896
118T 1.046 -0.486 1.991 -1.199 1.813 2.309 0.733 2.309
-1.199 0.887
119I 0.914 -0.122 1.655 -1.405 1.403 1.709 0.760 1.709
-1.405 0.702
120F 0.161 0.203 1.636 -1.665 1.321 1.239 1.101 1.636
-1.665 0.571
121E 0.307 0.377 1.356 -1.327 1.002 0.635 1.261 1.356
-1.327 0.516
122G 0.111 0.658 1.160 -1.099 0.847 0.615 0.210 1.160
-1.099 0.357
123Y 0.749 -0.294 1.300 -0.686 0.866 0.613 -1.121 1.300
-1.121 0.204
124S 1.742 0.688 1.515 -0.453 1.066 0.629 -1.213 1.742
-1.213 0.568
125A 0.743 0.459 1.047 -0.508 0.683 0.031 -0.865 1.047
-0.865 0.227
126A 0.876 0.135 1.384 -0.738 1.093 0.631 -0.891 1.384
-0.891 0.356
127S 1.356 0.948 1.122 -1.092 0.811 0.611 -1.223 1.356
-1.223 0.362
128I 0.440 0.948 0.832 -1.648 0.638 0.593 -1.061 0.948
-1.648 0.106
129E 0.572 1.273 1.262 -2.130 1.112 1.218 -0.052 1.273
-2.130 0.465
130G 0.850 1.553 1.412 -2.208 1.267 1.238 1.118 1.553
-2.208 0.747
131I 0.572 1.782 1.262 -2.164 1.112 1.218 -0.052 1.782
-2.164 0.533
132R 1.489 2.715 1.552 -1.387 1.285 1.236 -0.214 2.715
-1.387 0.954
133S 1.407 2.261 1.375 -0.496 1.075 0.657 -0.028 2.261
-0.496 0.893
134A 1.489 1.405 1.683 0.707 1.431 0.697 -0.141 1.683
-0.141 1.039
135S 2.128 1.201 2.066 1.753 1.722 0.714 -0.243 2.128
-0.243 1.334
136S 1.995 0.836 1.636 2.446 1.248 0.090 -1.252 2.446
-1.252 1.000
137N 1.002 -0.224 1.403 2.139 1.103 0.075 -0.977 2.139
-0.977 0.646
138P 1.198 -0.474 1.599 1.322 1.257 0.095 0.074 1.599
-0.474 0.724
139A 0.206 -0.258 1.365 -0.032 1.112 0.080 0.349 1.365
-0.258 0.403
140L -0.073 0.281 1.459 -0.804 1.230 0.079 0.409 1.459
-0.804 0.369
141T -0.022 0.844 1.487 -1.237 1.285 0.638 0.496 1.487
-1.237 0.499
142L 0.477 1.167 1.515 -0.897 1.330 1.108 0.267 1.515
-0.897 0.710
143P 0.477 1.946 1.758 -0.436 1.604 1.127 1.497 1.946
-0.436 1.139
144E 1.325 1.263 2.272 0.013 2.069 1.746 1.061 2.272
0.013 1.393
145D 1.489 1.046 2.403 0.036 2.278 2.326 0.994 2.403
0.036 1.510
146P 1.565 1.046 2.346 -0.382 2.251 2.322 0.881 2.346
-0.382 1.433

147R	1.565	0.592	2.346	-1.115	2.251	2.322	0.881	2.346
-1.115	1.263							
148E	1.704	-0.546	2.290	-1.361	2.205	2.212	0.898	2.290
-1.361	1.058							
149I	0.838	-0.266	1.898	-1.208	1.877	1.724	1.496	1.898
-1.208	0.908							
150P	0.199	0.550	1.515	-0.758	1.586	1.707	1.598	1.707
-0.758	0.914							
151D	0.345	0.191	1.234	-0.326	1.267	1.103	1.758	1.758
-0.326	0.796							
152V	0.231	-0.552	1.234	-0.386	1.276	0.545	1.948	1.948
-0.552	0.614							
153I	0.869	0.399	1.375	-0.488	1.294	0.544	0.616	1.375
-0.488	0.658							
154S	0.155	1.299	1.047	-0.657	1.030	0.530	0.831	1.299
-0.657	0.605							
155Q	-0.066	0.239	0.926	-0.669	0.866	0.061	1.000	1.000
-0.669	0.337							
156A	0.661	0.562	1.375	-0.787	1.239	0.659	0.385	1.375
-0.787	0.585							
157L	0.585	0.357	1.431	-0.831	1.267	0.663	0.498	1.431
-0.831	0.567							
158S	0.440	0.562	1.711	-1.155	1.586	1.267	0.338	1.711
-1.155	0.678							
159E	-0.521	0.333	1.300	-1.514	1.221	1.230	0.609	1.300
-1.514	0.380							
160L	-0.521	-0.338	1.300	-2.015	1.221	1.230	0.609	1.300
-2.015	0.212							
161R	0.421	0.405	1.375	-2.305	1.166	1.225	0.175	1.375
-2.305	0.352							
162L	-0.224	0.219	1.103	-2.467	1.002	1.206	0.603	1.206
-2.467	0.206							
163A	-0.085	0.782	1.047	-1.987	0.957	1.096	0.621	1.096
-1.987	0.347							
164G	0.857	0.375	1.122	-1.458	0.902	1.090	0.186	1.122
-1.458	0.439							
165V	0.724	0.604	0.935	-0.703	0.701	0.485	0.407	0.935
-0.703	0.450							
166D	1.186	0.604	1.272	-0.215	0.929	0.499	0.304	1.272
-0.215	0.654							
167G	1.464	-0.140	1.421	0.217	1.084	0.519	1.474	1.474
-0.140	0.863							
168P	0.869	-0.971	1.309	0.209	1.121	0.520	2.062	2.062
-0.971	0.731							
169Y	0.522	-0.474	1.346	0.124	1.139	0.524	1.909	1.909
-0.474	0.727							
170S	-0.692	-0.068	0.991	-0.445	0.829	0.041	2.353	2.353
-0.692	0.430							
171V	-0.642	-0.384	1.150	-0.761	1.030	0.061	2.512	2.512
-0.761	0.424							
172L	-0.642	-0.384	0.907	-1.176	0.756	0.042	1.282	1.282
-1.176	0.112							
173L	0.111	-0.587	0.926	-0.824	0.838	0.511	0.941	0.941
-0.824	0.274							
174S	-0.534	0.109	0.655	-0.507	0.674	0.493	1.370	1.370
-0.534	0.323							
175A	-0.420	0.085	1.029	-0.045	0.920	0.511	1.113	1.113
-0.420	0.456							
176D	0.490	-0.011	1.309	-0.027	1.066	0.525	0.719	1.309

-0.027 0.582
177V 1.432 0.305 1.842 -0.276 1.695 1.114 0.349 1.842
-0.276 0.923
178Y 0.787 0.976 1.571 -0.817 1.531 1.096 0.778 1.571
-0.817 0.846
179T 1.065 1.874 1.720 -0.925 1.686 1.116 1.948 1.948
-0.925 1.212
180K 0.926 2.239 1.776 -1.127 1.731 1.227 1.931 2.239
-1.127 1.243
181V 1.489 1.946 2.094 -0.855 1.895 1.245 1.383 2.094
-0.855 1.314
182S 2.020 2.132 1.991 -0.463 1.813 1.246 1.210 2.132
-0.463 1.421
183E 2.324 1.904 2.066 0.115 1.977 1.715 1.161 2.324
0.115 1.609
184T 2.096 0.922 1.776 1.022 1.513 1.740 1.363 2.096
0.922 1.490
185S 2.690 0.790 1.889 1.827 1.476 1.738 0.775 2.690
0.775 1.598
186D 2.159 -0.390 1.991 2.158 1.558 1.738 0.947 2.159
-0.390 1.452
187H 1.799 -0.116 1.907 1.961 1.467 1.157 1.193 1.961
-0.116 1.338
188G 0.964 0.369 1.571 1.017 1.294 1.139 1.474 1.571
0.369 1.118
189Y 0.819 -0.168 1.851 -0.127 1.613 1.743 1.313 1.851
-0.168 1.006
190P 0.680 0.035 1.907 -1.123 1.658 1.854 1.296 1.907
-1.123 0.901
191I 0.680 0.285 1.907 -1.510 1.658 1.854 1.296 1.907
-1.510 0.882
192R -0.262 1.423 1.832 -1.424 1.713 1.859 1.731 1.859
-1.424 0.982
193E 0.300 0.405 1.879 -0.433 1.786 1.881 1.286 1.881
-0.433 1.015
194H 0.433 -0.266 2.066 0.306 1.987 2.486 1.065 2.486
-0.266 1.154
195L 0.357 0.183 2.122 0.882 2.014 2.490 1.178 2.490
0.183 1.318
196N -0.142 1.014 1.571 0.471 1.531 1.867 1.768 1.867
-0.142 1.154
197R -0.003 0.944 1.515 -0.024 1.485 1.756 1.785 1.785
-0.024 1.066
198L 0.225 -0.194 1.346 -0.763 1.267 1.136 1.518 1.518
-0.763 0.648
199V 1.438 -0.314 1.702 -0.392 1.576 1.620 1.074 1.702
-0.392 0.958
200D 0.490 -0.721 1.262 -0.262 1.248 1.581 1.509 1.581
-0.721 0.730
201G -0.281 -1.260 0.692 -0.058 0.756 0.958 1.831 1.831
-1.260 0.377
202D -0.332 -1.528 0.795 -0.624 0.765 0.978 1.419 1.419
-1.528 0.210
203I 0.035 -2.067 0.917 -1.442 0.774 0.977 -0.180 0.977
-2.067 -0.141
204I -0.465 -2.067 0.889 -2.124 0.729 0.507 0.049 0.889
-2.124 -0.355
205W -0.692 -1.204 0.898 -2.119 0.774 0.507 -0.962 0.898
-2.119 -0.400

206A	-1.830	-0.074	0.487	-1.961	0.437	0.019	-0.631	0.487
-1.961	-0.508							
207P	-0.692	-0.074	0.898	-1.426	0.774	0.507	-0.962	0.898
-1.426	-0.139							
208A	0.174	-0.607	1.029	-1.167	0.747	0.505	-1.283	1.029
-1.283	-0.086							
209I	0.939	-0.703	1.010	-0.962	0.729	0.480	-2.316	1.010
-2.316	-0.118							
210D	0.225	-0.583	0.945	-0.769	0.683	0.484	-1.054	0.945
-1.054	-0.010							
211G	-0.142	-0.631	0.580	-0.824	0.401	0.466	-0.686	0.580
-0.824	-0.119							
212A	-0.857	-0.767	0.496	-1.056	0.410	0.472	0.760	0.760
-1.056	-0.077							
213F	-0.022	0.047	0.832	-1.211	0.583	0.490	0.479	0.832
-1.211	0.171							
214V	-0.325	0.848	0.758	-1.377	0.419	0.021	0.528	0.848
-1.377	0.124							
215L	-0.420	1.571	1.197	-1.288	0.938	0.646	0.527	1.571
-1.288	0.453							
216T	-0.193	2.315	1.188	-1.141	0.893	0.646	1.538	2.315
-1.141	0.749							
217T	0.749	1.650	1.244	-1.218	0.893	0.641	1.287	1.650
-1.218	0.749							
218R	1.616	1.698	1.636	-1.110	1.221	1.129	0.689	1.698
-1.110	0.983							
219G	1.616	0.680	1.655	-0.876	1.166	1.128	0.505	1.655
-0.876	0.839							
220G	1.919	0.544	1.730	-0.162	1.330	1.597	0.456	1.919
-0.162	1.059							
221D	1.009	-0.288	1.449	0.404	1.185	1.582	0.850	1.582
-0.288	0.884							
222F	1.122	-0.200	1.346	0.819	1.084	1.000	1.014	1.346
-0.200	0.884							
223D	0.180	0.465	1.272	0.442	1.139	1.005	1.449	1.449
0.180	0.850							
224L	0.180	0.465	1.272	-0.166	1.139	1.005	1.449	1.449
-0.166	0.763							
225Q	-0.123	0.574	1.197	-0.890	0.975	0.536	1.498	1.498
-0.890	0.538							
226L	1.091	0.083	1.533	-0.905	1.339	1.021	1.238	1.533
-0.905	0.771							
227G	0.225	-0.038	1.141	-0.751	1.011	0.533	1.836	1.836
-0.751	0.565							
228T	0.939	-0.038	1.225	-0.276	1.002	0.528	0.391	1.225
-0.276	0.539							
229D	0.054	-0.935	0.758	-0.401	0.610	0.487	0.549	0.758
-0.935	0.160							
230V	0.996	-1.474	0.832	-0.887	0.556	0.482	0.114	0.996
-1.474	0.089							
231A	0.515	-0.522	1.094	-1.605	0.838	0.501	0.446	1.094
-1.605	0.181							
232I	0.319	-0.432	0.898	-2.025	0.683	0.481	-0.605	0.898
-2.025	-0.097							
233G	0.098	0.431	0.776	-1.885	0.519	0.013	-0.436	0.776
-1.885	-0.069							
234Y	0.465	0.295	1.057	-0.982	0.701	0.631	-0.757	1.057
-0.982	0.201							
235A	0.964	1.241	1.328	0.268	1.020	1.120	0.244	1.328

0.244 0.884
236S 1.799 1.732 1.664 1.543 1.194 1.138 -0.037 1.799
-0.037 1.290
237H 2.071 0.780 1.945 2.476 1.558 1.627 -0.046 2.476
-0.046 1.487
238D 2.520 1.503 1.889 2.630 1.476 1.628 -0.338 2.630
-0.338 1.615
239T 2.153 0.760 1.767 2.184 1.467 1.629 1.261 2.184
0.760 1.603
240D 2.008 -0.138 2.047 1.199 1.786 2.234 1.101 2.234
-0.138 1.462
241T 1.293 -0.881 1.804 0.019 1.622 1.619 1.268 1.804
-0.881 0.964
242V 0.541 -0.881 1.786 -1.049 1.540 1.150 1.609 1.786
-1.049 0.671
243R -0.370 -0.210 1.505 -1.775 1.394 1.135 2.003 2.003
-1.775 0.526
244L -0.623 -0.532 1.561 -2.039 1.449 0.689 2.176 2.176
-2.039 0.383
245Y -0.458 -0.532 1.692 -1.965 1.658 1.268 2.109 2.109
-1.965 0.539
246L 0.104 0.365 2.010 -1.626 1.823 1.287 1.561 2.010
-1.626 0.789
247Q -0.743 0.395 1.496 -1.459 1.358 0.667 1.997 1.997
-1.459 0.530
248E 0.168 -0.300 1.776 -1.231 1.504 0.682 1.602 1.776
-1.231 0.600
249T -0.294 -0.839 1.459 -1.115 1.221 0.667 1.521 1.521
-1.115 0.374
250L -0.294 -1.737 1.459 -0.964 1.221 0.667 1.521 1.521
-1.737 0.268
251T -0.585 -1.041 0.917 -0.811 0.756 0.642 1.980 1.980
-1.041 0.265
252F -1.198 -1.532 0.842 -0.656 0.629 0.062 2.339 2.339
-1.532 0.069
253L -1.198 -0.783 0.842 -0.526 0.629 0.062 2.339 2.339
-1.198 0.195
254C -0.484 -0.578 0.926 -0.457 0.619 0.056 0.894 0.926
-0.578 0.140
255Y -0.319 0.241 1.057 -0.579 0.829 0.636 0.827 1.057
-0.579 0.384
256T 0.395 0.552 1.122 -0.969 0.875 0.632 -0.435 1.122
-0.969 0.310
257A 1.388 0.061 1.356 -1.125 1.020 0.647 -0.710 1.388
-1.125 0.377
258E 1.065 -0.144 1.449 -1.310 1.103 0.630 -0.743 1.449
-1.310 0.293
259A 1.318 0.137 1.197 -1.103 0.866 0.611 -2.086 1.318
-2.086 0.134
260S 0.408 0.227 0.917 -1.085 0.720 0.596 -1.691 0.917
-1.691 0.013
261V 0.686 -0.374 1.066 -0.994 0.875 0.617 -0.521 1.066
-0.994 0.193
262A 0.326 -0.023 0.898 -0.708 0.683 0.637 -0.228 0.898
-0.708 0.226
263L 0.193 0.231 0.440 -0.012 1.002 0.697 -0.228 1.002
-0.228 0.332
264S -0.218 0.690 -0.168 0.786 1.166 0.737 -1.398 1.166
-1.398 0.228

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265H          0.016     0.089    -0.504     1.300     1.494     0.795    -2.997     1.494
-2.997     0.028
```

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]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]
Hydrophilicity	[1]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]
Flexibility	[1]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]
Accessibility	[1]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]
Turns	[1]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA

	DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]
Exposed Surface	[1]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]
Polarity	[1]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]
Antigenic Propensity	[1]MNNLYRDLAPVTEAAWAEIELEAARTFKRHIAGRRVVDVSDPGGPVTAAVSTGRLID VKAPTNGVIAHLRASKPLVRLRVPFTLSRNEIDDVERGSKDSDWEPVKEAAKKLAFV EDRTIFEGYSAASIEGIRSASSNPALTLPEDPREIPDVISQALSELRLAGVDGPYSVLLSA DVYTKVSETSDHGYPIREHLNRLVDGDIIWAPAIDGAFVLTTRGGDFDLQLGTDVAIG YASHDTDTVRLYLQETLTFLCYTAEASVALSH[265]

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