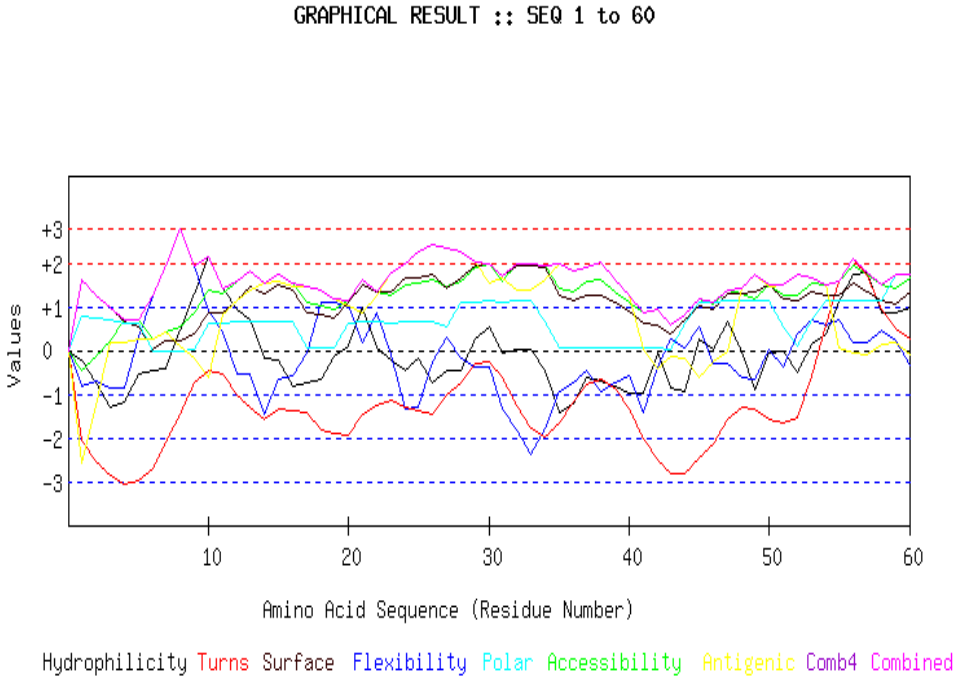
BcePred Prediction Server

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

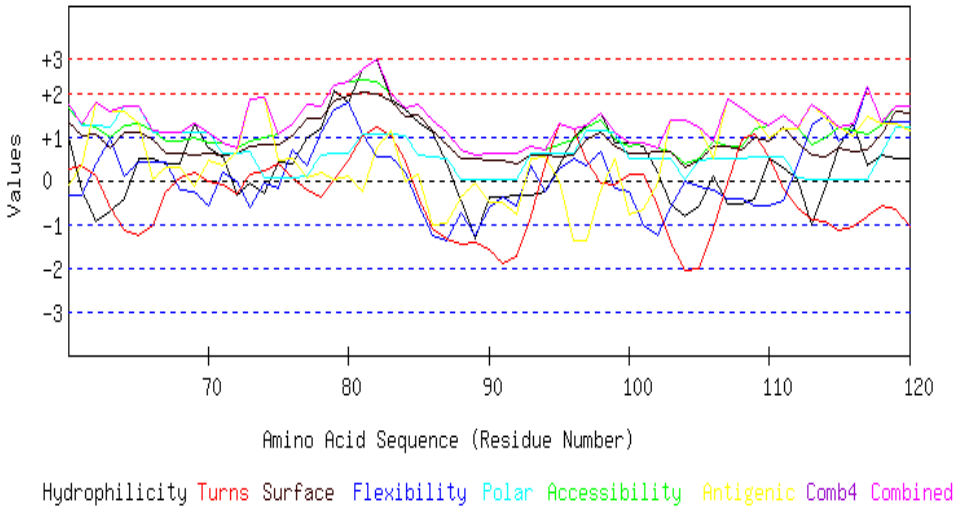
seqname=
Seq=MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHDAPG
FHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYGPGLGTSLKRFQ
SISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAVPGLYFYDNDVIEIARGLKK
SARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTGTFDSLLDAADFVRTLERRQGLKVSIPE
EVAWRMGWIDDEQLVQRARALVKSGYGNYLLELLERN

Length=288

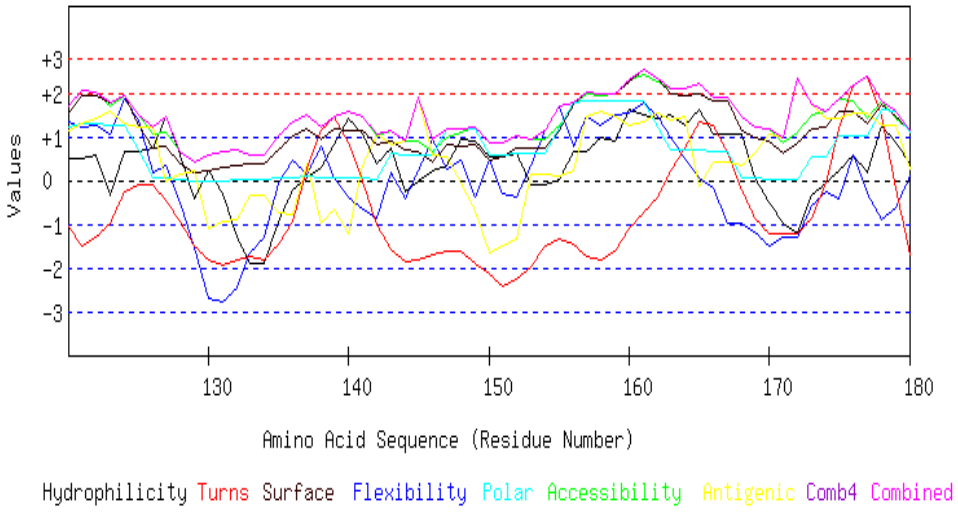
GRAPHICAL RESULT



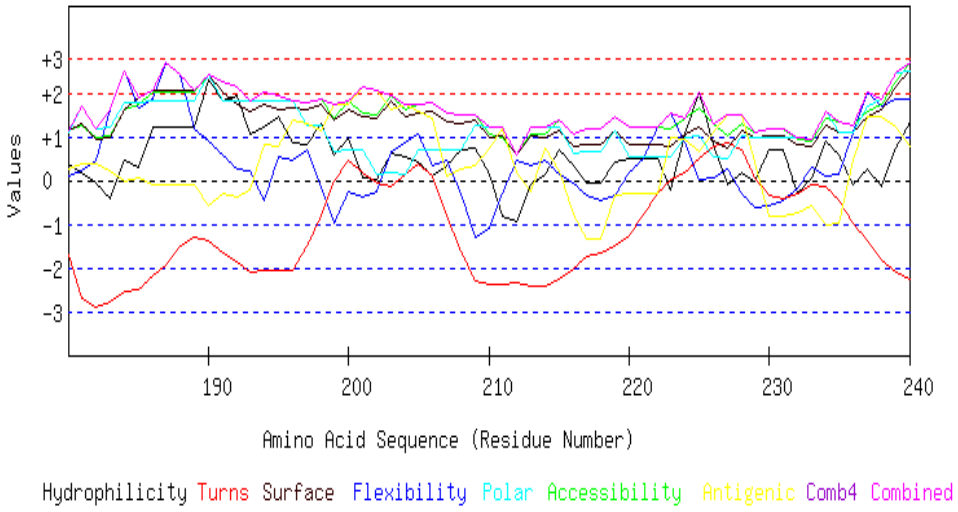
GRAPHICAL RESULT :: SEQ 61 to 120



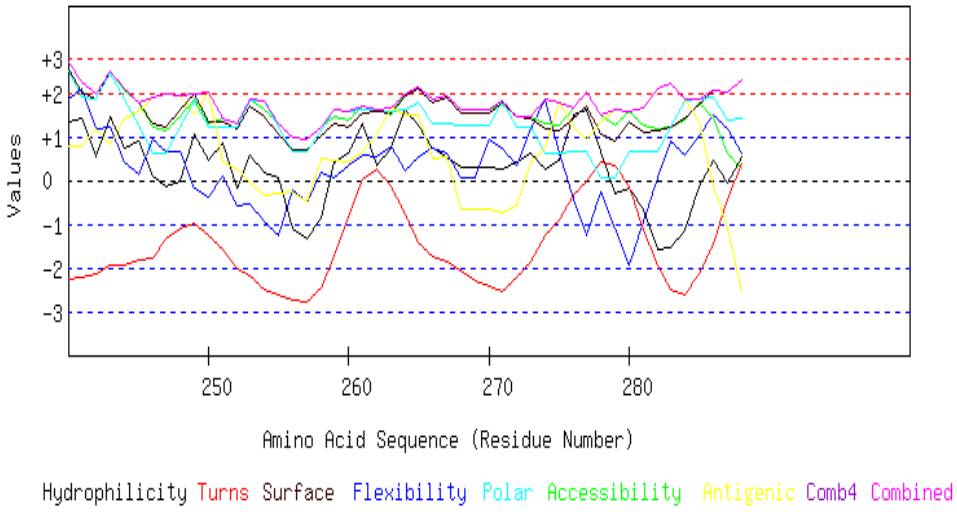
GRAPHICAL RESULT :: SEQ 121 to 180



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

MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHDAPG
FHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYGPGLGTSL
KRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAVPGLYFYDNDVI
EIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTGTFDSLLDAADFVRTLE
RRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGNYLLELLERN

Length=288

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

									MIN	AVG
1	M	-0.224	-0.801	-0.457	-2.043	1.613	0.794	-2.583	1.613	-2.583	-0.529
2	R	-0.730	-0.687	-0.139	-2.545	1.276	0.735	-1.251	1.276	-2.545	-0.477
3	G	-1.312	-0.873	0.234	-2.864	0.966	0.681	0.194	0.966	-2.864	-0.425
4	I	-1.179	-0.873	0.692	-3.041	0.647	0.621	0.194	0.692	-3.041	-0.420
5	I	-0.553	0.307	0.692	-2.965	0.556	0.604	0.250	0.692	-2.965	-0.159
6	L	-0.458	1.259	0.253	-2.707	0.036	-0.021	0.251	1.259	-2.707	-0.198
7	A	-0.408	1.954	0.412	-2.117	0.237	-0.001	0.410	1.954	-2.117	0.070
8	G	0.459	2.768	0.543	-1.458	0.209	-0.003	0.089	2.768	-1.458	0.372
9	G	1.293	1.936	0.879	-0.742	0.382	0.015	-0.192	1.936	-0.742	0.510
10	S	2.140	0.902	1.393	-0.459	0.847	0.635	-0.628	2.140	-0.628	0.690
11	G	1.426	0.405	1.309	-0.553	0.856	0.640	0.817	1.426	-0.553	0.700
12	T	0.945	-0.546	1.571	-1.022	1.139	0.659	1.149	1.571	-1.022	0.556
13	R	0.718	-0.546	1.823	-1.314	1.458	0.678	1.369	1.823	-1.314	0.598
14	L	-0.199	-1.474	1.533	-1.593	1.285	0.660	1.531	1.533	-1.593	0.249
15	Y	-0.231	-0.643	1.739	-1.351	1.485	0.680	1.571	1.739	-1.351	0.464
16	P	-0.825	-0.560	1.533	-1.391	1.376	0.677	1.475	1.533	-1.391	0.327
17	I	-0.730	-0.064	1.094	-1.436	0.856	0.052	1.476	1.476	-1.436	0.178
18	T	-0.654	1.093	1.038	-1.826	0.829	0.049	1.363	1.363	-1.826	0.270
19	M	-0.123	1.093	0.935	-1.883	0.747	0.050	1.191	1.191	-1.883	0.287
20	G	0.104	1.002	1.141	-1.955	1.112	0.625	1.036	1.141	-1.955	0.438
21	I	0.990	0.171	1.608	-1.462	1.504	0.666	0.877	1.608	-1.462	0.622
22	S	0.079	0.854	1.328	-1.272	1.358	0.651	1.272	1.358	-1.272	0.610
23	K	-0.237	-0.098	1.253	-1.136	1.321	0.640	1.762	1.762	-1.136	0.501
24	Q	-0.465	-1.336	1.505	-1.290	1.640	0.659	1.982	1.982	-1.336	0.385
25	L	-0.193	-1.288	1.524	-1.381	1.649	0.658	2.249	2.249	-1.381	0.460
26	L	-0.724	-0.252	1.627	-1.443	1.731	0.658	2.421	2.421	-1.443	0.574
27	P	-0.452	0.311	1.449	-1.008	1.412	0.552	2.347	2.347	-1.008	0.659
28	V	-0.471	-0.162	1.571	-0.724	1.677	1.104	2.249	2.249	-0.724	0.749

29 Y	0.244	-0.390	1.898	-0.286	1.941	1.118	2.034	2.034
-0.390	0.937							
30 D	0.560	-0.390	1.973	-0.246	1.977	1.129	1.543	1.977
-0.390	0.935							
31 K	-0.079	-1.336	1.589	-0.629	1.686	1.112	1.645	1.686
-1.336	0.570							
32 P	0.035	-1.809	1.963	-1.241	1.932	1.130	1.388	1.963
-1.809	0.486							
33 M	0.035	-2.372	1.963	-1.781	1.932	1.130	1.388	1.963
-2.372	0.328							
34 I	-0.465	-1.767	1.935	-1.980	1.886	0.660	1.617	1.935
-1.980	0.270							
35 Y	-1.407	-0.951	1.403	-1.645	1.257	0.071	1.987	1.987
-1.645	0.102							
36 Y	-1.211	-0.749	1.356	-1.190	1.139	0.072	1.808	1.808
-1.211	0.175							
37 P	-0.616	-0.456	1.561	-0.779	1.248	0.075	1.904	1.904
-0.779	0.420							
38 L	-0.692	-0.929	1.617	-0.643	1.276	0.078	2.017	2.017
-0.929	0.389							
39 T	-0.838	-0.725	1.356	-0.876	1.084	0.076	1.630	1.630
-0.876	0.244							
40 T	-0.983	-0.589	1.094	-1.339	0.893	0.074	1.243	1.243
-1.339	0.056							
41 L	-0.983	-1.404	0.851	-2.030	0.619	0.055	0.013	0.851
-2.030	-0.411							
42 M	-0.041	-0.386	0.926	-2.514	0.565	0.049	-0.422	0.926
-2.514	-0.260							
43 M	-0.876	0.267	0.589	-2.818	0.392	0.031	-0.141	0.589
-2.818	-0.365							
44 A	-0.939	0.057	0.823	-2.836	0.711	0.636	-0.183	0.823
-2.836	-0.247							
45 G	0.275	0.548	1.178	-2.449	1.020	1.120	-0.627	1.178
-2.449	0.152							
46 I	0.035	-0.284	1.047	-2.131	0.957	1.104	-0.250	1.104
-2.131	0.068							
47 R	0.680	-0.284	1.384	-1.578	1.285	1.129	-0.031	1.384
-1.578	0.369							
48 D	-0.035	-0.607	1.300	-1.298	1.294	1.135	1.414	1.414
-1.298	0.458							
49 I	-0.901	-0.655	1.169	-1.328	1.321	1.137	1.735	1.735
-1.328	0.354							
50 Q	-0.066	0.029	1.505	-1.567	1.494	1.155	1.454	1.505
-1.567	0.572							
51 L	-0.003	-0.372	1.272	-1.680	1.175	0.550	1.496	1.496
-1.680	0.348							
52 I	-0.503	0.371	1.244	-1.544	1.130	0.080	1.725	1.725
-1.544	0.358							
53 T	0.136	0.696	1.543	-0.570	1.321	0.698	1.671	1.671
-0.570	0.785							
54 T	0.389	0.564	1.487	0.583	1.267	1.145	1.498	1.498
0.389	0.990							
55 P	1.103	0.700	1.571	1.564	1.257	1.139	0.053	1.571
0.053	1.055							
56 H	1.742	0.167	1.954	2.090	1.549	1.156	-0.049	2.090
-0.049	1.230							
57 D	1.774	0.167	1.748	1.690	1.349	1.137	-0.089	1.774
-0.089	1.111							
58 A	0.863	0.441	1.487	0.939	1.148	1.121	0.121	1.487

0.121 0.874
59 P 0.863 0.237 1.403 0.493 1.048 1.722 0.169 1.722
0.169 0.848
60 G 0.996 -0.326 1.674 0.275 1.349 1.726 -0.099 1.726
-0.326 0.799
61 F -0.218 -0.326 1.318 0.328 1.039 1.243 0.345 1.318
-0.326 0.533
62 H -0.932 0.387 1.234 0.114 1.048 1.248 1.790 1.790
-0.932 0.698
63 R -0.705 0.924 0.982 -0.614 0.729 1.229 1.570 1.570
-0.705 0.588
64 L -0.433 0.111 1.262 -1.148 1.093 1.718 1.561 1.718
-1.148 0.595
65 L 0.509 0.405 1.318 -1.255 1.093 1.714 1.310 1.714
-1.255 0.728
66 G 0.509 0.405 1.160 -1.020 0.920 1.094 0.032 1.160
-1.020 0.443
67 D 0.376 0.405 0.889 -0.274 0.619 1.089 0.301 1.089
-0.274 0.487
68 G 0.376 -0.230 0.889 0.044 0.619 1.089 0.301 1.089
-0.230 0.441
69 A 1.318 -0.248 0.963 0.195 0.565 1.084 -0.134 1.318
-0.248 0.535
70 H 0.724 -0.572 0.851 -0.008 0.601 1.086 0.454 1.086
-0.572 0.448
71 L 0.534 0.193 0.879 -0.099 0.592 0.637 0.350 0.879
-0.099 0.441
72 G -0.332 -0.009 0.748 -0.293 0.619 0.639 0.672 0.748
-0.332 0.292
73 V -0.054 -0.637 0.898 0.138 0.774 0.659 1.842 1.842
-0.637 0.517
74 N -0.307 -0.050 0.991 0.225 0.838 0.059 1.906 1.906
-0.307 0.523
75 I 0.408 -0.168 1.075 0.383 0.829 0.053 0.461 1.075
-0.168 0.435
76 S 0.376 0.696 1.281 0.050 1.030 0.073 0.502 1.281
0.050 0.573
77 Y 0.990 0.331 1.730 -0.216 1.412 0.114 0.076 1.730
-0.216 0.634
78 A 1.179 1.097 1.702 -0.389 1.422 0.562 0.180 1.702
-0.389 0.822
79 T 2.064 1.635 2.169 0.019 1.813 0.603 0.022 2.169
0.019 1.189
80 Q 1.786 1.772 2.262 0.466 1.932 0.602 0.082 2.262
0.082 1.272
81 D 2.539 1.076 2.281 1.004 2.014 1.071 -0.259 2.539
-0.259 1.389
82 Q 2.766 0.538 2.272 1.231 1.968 1.071 0.751 2.766
0.538 1.514
83 P 1.856 0.538 1.991 1.013 1.823 1.057 1.146 1.991
0.538 1.346
84 D 1.609 0.179 1.664 0.449 1.449 1.014 -0.028 1.664
-0.028 0.905
85 G 1.356 -0.534 1.720 -0.369 1.504 0.568 0.145 1.720
-0.534 0.627
86 L 1.110 -1.258 1.393 -1.081 1.130 0.526 -1.029 1.393
-1.258 0.113
87 A 0.395 -1.378 1.085 -1.356 0.811 0.511 -0.998 1.085
-1.378 -0.133

88 Q	-0.471	-0.751	0.692	-1.446	0.483	0.023	-0.400	0.692
-1.446	-0.267							
89 A	-1.337	-1.242	0.561	-1.414	0.510	0.025	-0.079	0.561
-1.414	-0.425							
90 F	-0.395	-0.633	0.636	-1.579	0.455	0.020	-0.513	0.636
-1.579	-0.287							
91 V	-0.395	-0.368	0.636	-1.897	0.455	0.020	-0.513	0.636
-1.897	-0.295							
92 I	-0.332	-0.597	0.608	-1.736	0.392	0.018	-0.790	0.608
-1.736	-0.348							
93 G	-0.332	0.355	0.767	-0.820	0.565	0.638	0.488	0.767
-0.820	0.237							
94 A	-0.256	-0.272	0.692	0.352	0.592	0.635	0.558	0.692
-0.272	0.329							
95 N	0.338	0.267	0.804	1.287	0.556	0.634	-0.030	1.287
-0.030	0.551							
96 H	0.977	0.513	0.945	1.200	0.574	0.632	-1.362	1.200
-1.362	0.497							
97 I	1.249	0.327	1.225	0.464	0.938	1.121	-1.371	1.249
-1.371	0.565							
98 G	1.527	0.652	1.375	-0.065	1.093	1.141	-0.201	1.527
-0.201	0.789							
99 A	0.850	-0.180	0.954	-0.109	0.774	1.102	0.501	1.102
-0.180	0.556							
100D	0.850	-0.276	0.795	0.135	0.601	0.482	-0.777	0.850
-0.777	0.259							
101S	0.775	-1.019	0.851	0.134	0.629	0.486	-0.664	0.851
-1.019	0.170							
102V	0.180	-1.248	0.739	-0.580	0.665	0.487	-0.075	0.739
-1.248	0.024							
103A	-0.534	-0.613	0.655	-1.439	0.674	0.493	1.370	1.370
-1.439	0.087							
104L	-0.806	-0.003	0.375	-2.077	0.310	0.004	1.379	1.379
-2.077	-0.117							
105V	-0.585	-0.124	0.496	-2.025	0.474	0.473	1.210	1.210
-2.025	-0.012							
106L	0.092	-0.202	0.917	-1.108	0.793	0.512	0.509	0.917
-1.108	0.216							
107G	-0.547	-0.404	0.776	-0.075	0.774	0.514	1.840	1.840
-0.547	0.411							
108D	-0.547	-0.404	0.795	0.927	0.720	0.512	1.657	1.657
-0.547	0.523							
109N	-0.433	-0.585	1.169	1.077	0.966	0.530	1.400	1.400
-0.585	0.589							
110I	0.509	-0.566	1.244	0.544	0.911	0.525	0.965	1.244
-0.566	0.590							
111F	0.281	-0.446	1.496	-0.161	1.230	0.544	1.185	1.496
-0.446	0.590							
112Y	0.010	0.355	1.216	-0.626	0.866	0.055	1.194	1.216
-0.626	0.438							
113G	-1.015	1.253	0.832	-0.905	0.565	0.020	1.742	1.742
-1.015	0.356							
114P	-0.148	1.481	0.963	-0.924	0.537	0.018	1.421	1.481
-0.924	0.478							
115G	0.762	0.918	1.225	-1.131	0.738	0.034	1.210	1.225
-1.131	0.537							
116L	1.293	1.123	1.122	-1.077	0.656	0.034	1.038	1.293
-1.077	0.598							
117G	0.351	2.140	1.047	-0.833	0.711	0.040	1.473	2.140

-0.833 0.704
118T 0.579 1.339 1.253 -0.585 1.075 0.615 1.318 1.339
-0.585 0.799
119S 0.484 1.339 1.692 -0.679 1.595 1.240 1.317 1.692
-0.679 0.998
120L 0.484 1.339 1.711 -1.059 1.540 1.239 1.133 1.711
-1.059 0.912
121K 0.503 1.219 2.047 -1.488 1.959 1.281 1.296 2.047
-1.488 0.974
122R 0.585 1.243 2.001 -1.309 1.959 1.281 1.415 2.001
-1.309 1.025
123F -0.332 1.056 1.711 -0.984 1.786 1.263 1.577 1.786
-0.984 0.868
124Q 0.661 1.858 1.945 -0.274 1.932 1.278 1.302 1.945
-0.274 1.243
125S 0.661 1.367 1.487 -0.088 1.248 0.683 1.237 1.487
-0.088 0.942
126I 0.756 0.187 1.047 -0.092 0.729 0.058 1.238 1.238
-0.092 0.561
127S 1.470 0.337 1.113 -0.473 0.774 0.054 -0.023 1.470
-0.473 0.465
128G 0.585 -0.518 0.646 -0.941 0.382 0.014 0.135 0.646
-0.941 0.043
129G -0.408 -1.552 0.431 -1.510 0.182 -0.002 0.227 0.431
-1.552 -0.376
130A 0.231 -2.682 0.571 -1.805 0.200 -0.004 -1.105 0.571
-2.682 -0.656
131I -0.300 -2.778 0.674 -1.954 0.282 -0.005 -0.933 0.674
-2.778 -0.716
132F -1.293 -2.454 0.702 -1.840 0.346 0.020 -0.911 0.702
-2.454 -0.776
133A -1.887 -1.670 0.589 -1.727 0.382 0.022 -0.323 0.589
-1.887 -0.659
134Y -1.887 -1.312 0.589 -1.813 0.382 0.022 -0.323 0.589
-1.887 -0.620
135W -0.939 -0.050 1.029 -1.453 0.711 0.061 -0.757 1.029
-1.453 -0.200
136V -0.224 0.453 1.337 -0.921 1.030 0.076 -0.788 1.337
-0.921 0.137
137A 0.054 0.143 1.487 0.272 1.185 0.096 0.382 1.487
0.054 0.517
138N 0.307 0.770 1.234 1.127 0.948 0.076 -0.961 1.234
-0.961 0.500
139P 0.819 0.065 1.468 1.465 1.166 0.070 -0.651 1.468
-0.651 0.629
140S 1.413 -0.390 1.580 0.874 1.130 0.069 -1.239 1.580
-1.239 0.491
141A 1.046 -0.671 1.459 -0.002 1.121 0.070 0.360 1.459
-0.671 0.483
142Y 0.370 -0.845 1.038 -1.033 0.802 0.031 1.061 1.061
-1.033 0.204
143G 0.730 0.189 1.122 -1.575 0.893 0.612 0.815 1.122
-1.575 0.398
144V -0.262 -0.438 0.907 -1.864 0.692 0.596 0.906 0.907
-1.864 0.077
145V -0.035 0.233 0.898 -1.837 0.647 0.596 1.917 1.917
-1.837 0.346
146E 0.218 0.956 0.646 -1.706 0.410 0.577 0.575 0.956
-1.706 0.239

147F 0.351 0.267 0.982 -1.610 0.820 1.176 0.548 1.176
-1.610 0.362
148G 0.945 0.441 1.094 -1.619 0.784 1.175 -0.040 1.175
-1.619 0.397
149A 0.914 -0.390 1.206 -1.882 0.838 1.190 -0.684 1.206
-1.882 0.170
150E 0.553 0.465 0.879 -2.123 0.474 0.591 -1.668 0.879
-2.123 -0.118
151G 0.553 -0.314 0.860 -2.415 0.528 0.592 -1.484 0.860
-2.415 -0.240
152M 0.604 -0.366 1.019 -2.257 0.729 0.612 -1.325 1.019
-2.257 -0.141
153A -0.111 0.323 0.935 -1.988 0.738 0.617 0.120 0.935
-1.988 0.091
154L -0.111 1.155 0.935 -1.512 0.738 0.617 0.120 1.155
-1.512 0.278
155S 0.022 1.718 1.272 -1.342 1.148 1.217 0.094 1.718
-1.342 0.590
156L 0.648 0.766 1.730 -1.464 1.741 1.794 0.214 1.794
-1.464 0.775
157E 0.648 1.461 1.973 -1.735 2.014 1.813 1.444 2.014
-1.735 1.088
158E 0.996 1.245 1.935 -1.827 1.996 1.810 1.598 1.996
-1.827 1.107
159K 0.914 1.501 1.982 -1.634 1.996 1.809 1.479 1.996
-1.634 1.150
160P 1.628 1.525 2.309 -1.108 2.260 1.823 1.264 2.309
-1.108 1.386
161V 1.495 1.776 2.431 -0.738 2.533 1.818 1.355 2.533
-0.738 1.524
162T 1.413 1.465 2.253 -0.376 2.324 1.239 1.541 2.324
-0.376 1.408
163P 1.495 0.974 2.103 0.213 1.996 0.685 1.363 2.103
0.213 1.261
164K 1.242 0.519 2.113 0.754 1.959 0.685 1.475 2.113
0.519 1.250
165S 1.609 0.047 2.234 1.321 1.968 0.683 -0.124 2.234
-0.124 1.106
166N 1.046 -0.182 1.917 1.247 1.804 0.665 0.424 1.917
-0.182 0.989
167Y 1.046 -0.995 1.917 0.612 1.804 0.665 0.424 1.917
-0.995 0.782
168A 1.046 -0.995 1.459 -0.227 1.121 0.070 0.360 1.459
-0.995 0.405
169V 0.054 -1.170 1.225 -0.865 0.975 0.056 0.635 1.225
-1.170 0.130
170P -0.509 -1.480 1.178 -1.221 0.902 0.034 1.080 1.178
-1.480 -0.002
171G -0.970 -1.300 0.860 -1.211 0.619 0.019 0.999 0.999
-1.300 -0.140
172L -1.223 -1.318 1.113 -1.216 0.856 0.039 2.341 2.341
-1.318 0.085
173Y -0.357 -0.574 1.505 -0.849 1.185 0.526 1.743 1.743
-0.849 0.454
174F -0.047 -0.264 1.561 -0.051 1.221 0.548 1.410 1.561
-0.264 0.626
175Y 0.225 -0.414 1.842 1.169 1.586 1.037 1.401 1.842
-0.414 0.978
176D 0.572 0.568 1.804 2.184 1.567 1.033 1.555 2.184

0.568 1.326
177N 0.187 -0.296 1.412 2.365 1.312 1.015 1.545 2.365
-0.296 1.077
178D 1.261 -0.905 1.804 1.452 1.722 1.611 1.267 1.804
-0.905 1.173
179V 0.876 -0.631 1.412 -0.168 1.467 1.593 1.257 1.593
-0.631 0.829
180I 0.376 0.093 1.141 -1.708 1.148 1.104 0.256 1.148
-1.708 0.344
181E 0.199 0.213 1.272 -2.681 1.312 1.688 0.368 1.688
-2.681 0.339
182I -0.073 0.469 0.991 -2.902 0.948 1.199 0.377 1.199
-2.902 0.144
183A -0.420 1.625 1.029 -2.770 0.966 1.203 0.223 1.625
-2.770 0.265
184R 0.446 2.481 1.617 -2.556 1.622 1.796 -0.034 2.481
-2.556 0.768
185G 0.313 1.668 1.739 -2.501 1.895 1.791 0.058 1.895
-2.501 0.709
186L 1.230 1.854 2.029 -2.200 2.069 1.809 -0.104 2.069
-2.200 0.955
187K 1.230 2.685 2.029 -1.934 2.069 1.809 -0.104 2.685
-1.934 1.112
188K 1.230 2.429 2.029 -1.505 2.069 1.809 -0.104 2.429
-1.505 1.137
189S 1.230 1.191 2.029 -1.296 2.069 1.809 -0.104 2.069
-1.296 0.990
190A 2.305 0.910 2.440 -1.386 2.424 2.403 -0.565 2.440
-1.386 1.219
191R 1.824 0.586 2.244 -1.671 2.023 1.828 -0.298 2.244
-1.671 0.934
192G 1.957 0.263 2.122 -1.875 1.750 1.833 -0.390 2.122
-1.875 0.809
193E 1.040 0.211 1.832 -2.106 1.576 1.815 -0.228 1.832
-2.106 0.592
194Y 1.236 -0.460 2.029 -2.056 1.731 1.835 0.823 2.029
-2.056 0.734
195E 1.464 0.556 1.926 -2.073 1.622 1.810 0.798 1.926
-2.073 0.872
196I 0.869 0.471 1.814 -2.042 1.658 1.811 1.386 1.814
-2.042 0.853
197T 0.819 0.700 1.786 -1.503 1.604 1.252 1.299 1.786
-1.503 0.851
198E 1.318 -0.198 1.860 -0.819 1.741 1.275 1.131 1.860
-0.819 0.901
199V 0.591 -0.977 1.412 -0.016 1.367 0.677 1.746 1.746
-0.977 0.686
200N 0.977 -0.272 1.804 0.464 1.622 0.695 1.756 1.804
-0.272 1.007
201Q 0.067 -0.390 1.524 0.184 1.476 0.680 2.150 2.150
-0.390 0.813
202V 0.016 -0.254 1.496 -0.080 1.422 0.121 2.064 2.064
-0.254 0.684
203Y 0.629 0.656 1.945 -0.145 1.804 0.162 1.638 1.945
-0.145 0.956
204L 0.547 0.858 1.636 0.121 1.449 0.122 1.751 1.751
0.121 0.926
205N 0.433 1.062 1.739 0.384 1.549 0.704 1.587 1.739
0.384 1.066

206Q	0.085	0.357	1.776	0.110	1.567	0.708	1.434	1.776	0.085	0.863
207G	0.338	0.441	1.524	-0.826	1.330	0.688	0.091	1.524	-0.826	0.513
208R	0.686	-0.282	1.487	-1.636	1.312	0.684	0.245	1.487	-1.636	0.357
209L	0.737	-1.300	1.515	-2.301	1.367	1.243	0.332	1.515	-2.301	0.228
210A	0.123	-1.095	1.066	-2.394	0.984	1.203	0.757	1.203	-2.394	0.092
211V	-0.819	-0.282	0.991	-2.387	1.039	1.208	1.192	1.208	-2.387	0.135
212E	-0.951	0.441	0.561	-2.357	0.565	0.583	0.183	0.583	-2.357	-0.139
213V	-0.104	0.357	1.075	-2.403	1.030	1.203	-0.253	1.203	-2.403	0.129
214L	0.123	0.453	1.066	-2.409	0.984	1.203	0.757	1.203	-2.409	0.311
215A	0.686	0.155	1.384	-2.266	1.148	1.221	0.209	1.384	-2.266	0.363
216R	0.326	-0.050	1.057	-2.022	0.784	0.621	-0.775	1.057	-2.022	-0.008
217G	-0.073	-0.324	1.197	-1.751	0.811	0.645	-1.341	1.197	-1.751	-0.119
218T	-0.073	-0.460	1.197	-1.646	0.811	0.645	-1.341	1.197	-1.646	-0.124
219A	0.427	-0.324	1.468	-1.484	1.130	1.134	-0.340	1.468	-1.484	0.287
220W	0.490	0.167	1.234	-1.247	0.811	0.529	-0.298	1.234	-1.247	0.241
221L	0.490	0.495	1.234	-0.764	0.811	0.529	-0.298	1.234	-0.764	0.357
222D	0.490	1.239	1.234	-0.283	0.811	0.529	-0.298	1.239	-0.298	0.532
223T	-0.224	1.555	1.169	0.012	0.765	0.533	0.963	1.555	-0.224	0.682
224G	1.040	0.860	1.421	0.179	1.066	0.997	0.932	1.421	0.179	0.928
225T	2.033	0.029	1.655	0.514	1.212	1.012	0.657	2.033	0.029	1.016
226F	0.819	0.077	1.300	0.773	0.902	0.528	1.101	1.300	0.077	0.786
227D	-0.092	0.251	1.019	0.867	0.756	0.514	1.495	1.495	-0.092	0.687
228S	0.180	-0.288	1.300	0.690	1.121	1.003	1.486	1.486	-0.288	0.785
229L	-0.016	-0.605	1.103	0.074	0.966	0.983	0.435	1.103	-0.605	0.420
230L	0.699	-0.574	1.169	-0.351	1.011	0.979	-0.827	1.169	-0.827	0.301
231D	0.699	-0.466	1.169	-0.430	1.011	0.979	-0.827	1.169	-0.827	0.305
232A	-0.294	-0.192	0.954	-0.318	0.811	0.963	-0.735	0.963	-0.735	0.170
233A	0.054	0.299	0.917	-0.119	0.793	0.959	-0.581	0.959	-0.581	0.332
234D	0.901	0.095	1.431	-0.129	1.257	1.578	-1.017	1.578	-1.017	0.588
235F	0.598	0.131	1.356	-0.467	1.093	1.109	-0.968	1.356		

-0.968 0.407
236V -0.117 1.119 1.272 -0.965 1.103 1.115 0.477 1.272
-0.965 0.572
237R 0.244 2.028 1.599 -1.381 1.467 1.714 1.461 2.028
-1.381 1.019
238T -0.123 1.706 1.758 -1.822 1.622 1.850 1.469 1.850
-1.822 0.923
239L 0.724 1.842 2.253 -2.084 2.142 2.470 1.217 2.470
-2.084 1.223
240E 1.337 1.842 2.702 -2.243 2.524 2.511 0.792 2.702
-2.243 1.352
241R 1.432 2.098 2.262 -2.237 2.005 1.887 0.793 2.262
-2.237 1.177
242R 0.522 1.189 1.982 -2.123 1.859 1.872 1.187 1.982
-2.123 0.927
243Q 1.464 1.231 2.515 -1.930 2.488 2.461 0.817 2.515
-1.930 1.292
244G 0.737 0.415 2.066 -1.927 2.114 1.863 1.432 2.114
-1.927 0.957
245L 0.882 0.147 1.786 -1.837 1.795 1.259 1.593 1.795
-1.837 0.804
246K 0.111 0.926 1.216 -1.760 1.303 0.636 1.916 1.916
-1.760 0.621
247V -0.136 0.670 1.132 -1.357 1.203 0.612 1.972 1.972
-1.357 0.585
248S -0.003 0.670 1.468 -1.089 1.613 1.212 1.946 1.946
-1.089 0.831
249I 1.072 -0.186 1.879 -0.979 1.968 1.806 1.484 1.968
-0.979 1.006
250P 0.477 -0.364 1.309 -1.251 1.321 1.213 2.008 2.008
-1.251 0.673
251E 0.844 0.091 1.431 -1.565 1.330 1.211 0.409 1.431
-1.565 0.536
252E -0.199 -0.599 1.300 -2.034 1.194 1.217 0.272 1.300
-2.034 0.164
253V 0.572 -0.546 1.870 -2.196 1.686 1.839 -0.051 1.870
-2.196 0.453
254A 0.174 -0.953 1.617 -2.501 1.458 1.838 -0.326 1.838
-2.501 0.187
255W 0.041 -1.278 1.281 -2.615 1.048 1.238 -0.299 1.281
-2.615 -0.083
256R -1.084 -0.236 0.973 -2.728 0.701 0.664 -0.251 0.973
-2.728 -0.280
257M -1.356 -0.510 0.954 -2.781 0.692 0.664 -0.518 0.954
-2.781 -0.408
258G -0.857 0.179 1.225 -2.456 1.011 1.153 0.483 1.225
-2.456 0.106
259W 0.408 0.043 1.477 -1.755 1.312 1.617 0.452 1.617
-1.755 0.508
260I 0.636 0.341 1.375 -0.866 1.203 1.591 0.427 1.591
-0.866 0.672
261D 1.280 0.570 1.711 0.033 1.531 1.617 0.645 1.711
0.033 1.055
262D 0.338 0.521 1.636 0.257 1.586 1.622 1.080 1.636
0.257 1.006
263E 0.737 0.796 1.496 -0.145 1.558 1.598 1.646 1.646
-0.145 1.098
264Q 1.622 0.221 1.963 -0.762 1.950 1.639 1.488 1.963
-0.762 1.160

265L	1.255	0.544	2.122	-1.403	2.105	1.775	1.496	2.122
-1.403	1.128							
266V	0.756	0.748	1.851	-1.728	1.786	1.286	0.495	1.851
-1.728	0.742							
267Q	0.528	0.640	1.954	-1.850	1.895	1.311	0.520	1.954
-1.850	0.714							
268R	0.281	0.053	1.627	-2.071	1.522	1.269	-0.653	1.627
-2.071	0.290							
269A	0.281	0.071	1.627	-2.291	1.522	1.269	-0.653	1.627
-2.291	0.261							
270R	0.281	0.926	1.627	-2.414	1.522	1.269	-0.653	1.627
-2.414	0.365							
271A	0.263	0.740	1.748	-2.527	1.786	1.821	-0.751	1.821
-2.527	0.440							
272L	0.408	0.333	1.468	-2.209	1.467	1.216	-0.591	1.468
-2.209	0.299							
273V	0.636	1.165	1.459	-1.846	1.422	1.216	0.420	1.459
-1.846	0.639							
274K	0.250	1.870	1.281	-1.253	1.185	0.611	0.753	1.870
-1.253	0.671							
275S	0.477	0.632	1.272	-0.881	1.139	0.611	1.763	1.763
-0.881	0.716							
276G	1.502	-0.428	1.655	-0.329	1.440	0.646	1.215	1.655
-0.428	0.814							
277Y	1.616	-1.260	2.029	-0.014	1.686	0.664	0.958	2.029
-1.260	0.811							
278G	0.673	-0.278	1.496	0.435	1.057	0.075	1.328	1.496
-0.278	0.684							
279N	-0.319	-1.109	1.262	0.339	0.911	0.060	1.603	1.603
-1.109	0.392							
280Y	-0.186	-1.923	1.599	-0.150	1.321	0.660	1.577	1.599
-1.923	0.414							
281L	-0.648	-0.941	1.262	-1.144	1.093	0.646	1.680	1.680
-1.144	0.278							
282L	-1.590	0.077	1.188	-1.923	1.148	0.651	2.114	2.114
-1.923	0.238							
283E	-1.539	0.890	1.216	-2.509	1.203	1.210	2.201	2.201
-2.509	0.382							
284L	-1.154	0.570	1.393	-2.609	1.440	1.815	1.868	1.868
-2.609	0.475							
285L	-0.129	1.028	1.776	-2.133	1.741	1.850	1.320	1.850
-2.133	0.779							
286E	0.452	1.487	1.403	-1.445	2.050	1.905	-0.125	2.050
-1.445	0.818							
287R	-0.041	1.167	0.618	-0.402	2.005	1.366	-1.109	2.005
-1.109	0.515							
288N	0.541	0.608	0.244	0.365	2.315	1.420	-2.554	2.315
-2.554	0.420							

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]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]
Hydrophilicity	[1]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]
Flexibility	[1]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]
Accessibility	[1]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]
Turns	[1]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]
Exposed Surface	[1]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG

	TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]
Polarity	[1]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]
Antigenic Propensity	[1]MRGIILAGGSGTRLYPITMGISKQLLPVYDKPMIYYPLTTLMMAGIRDIQLITTPHD APGFHRLLGDGAHLGVNISYATQDQPDGLAQAFVIGANHIGADSVALVLGDNIFYG PGLGTSLKRFQSISGGAIFAYWVANPSAYGVVEFGAEGMALSLEEKPVTPKSNYAV PGLYFYDNDVIEIARGLKKSARGEYEITEVNQVYLNQGRLAVEVLARGTAWLDTG TFDSLLDAADFVRTLERRQGLKVSIPEEVAWRMGWIDDEQLVQRARALVKSGYGN YLLELLERN[288]

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