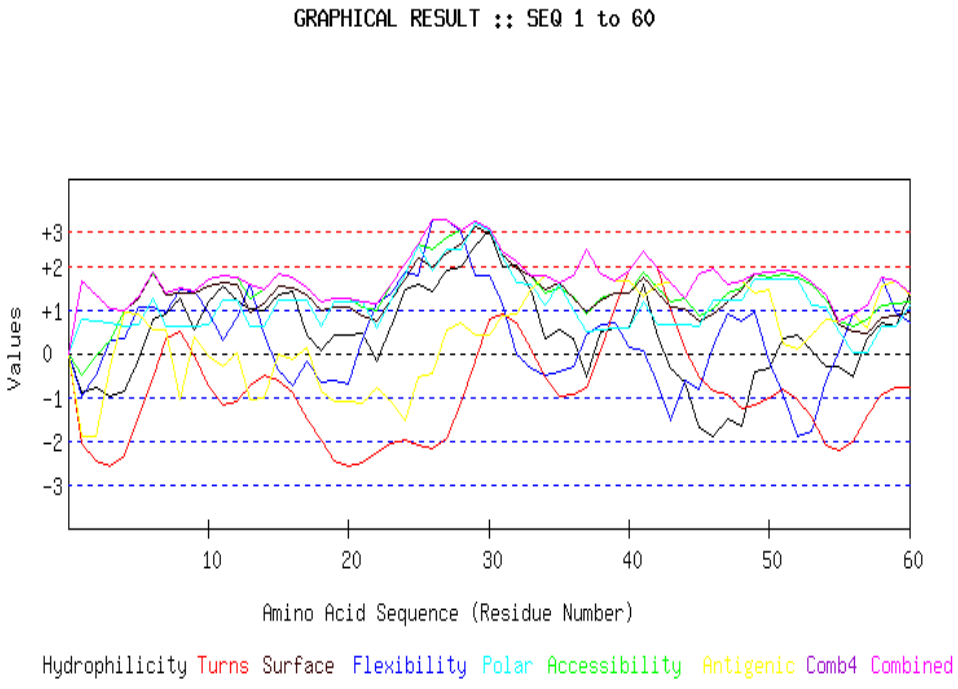
BcePred Prediction Server

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

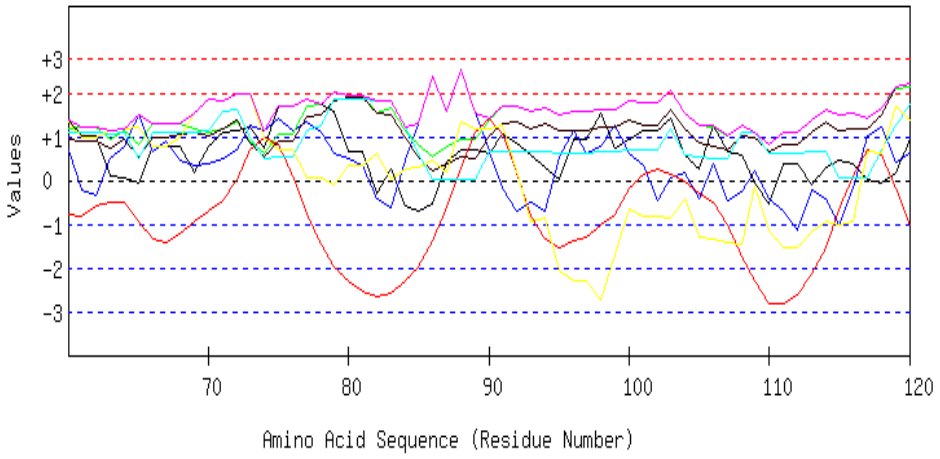
seqname=
Seq=MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITGRDLVCD
SGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRLDGAVEISVQLGVAD
AIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARVQGVVFGQQYLMLDYDCPRSAL
KKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGAKAILASDIRFCRF

Length=284

GRAPHICAL RESULT

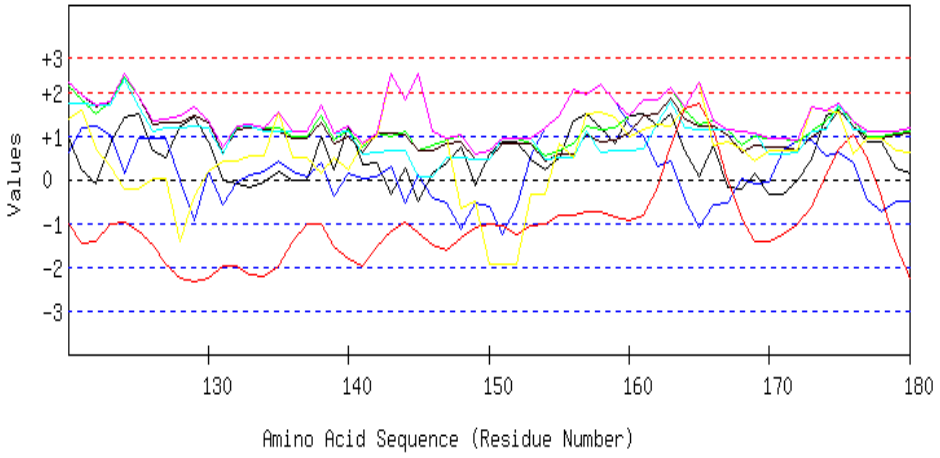


GRAPHICAL RESULT :: SEQ 61 to 120



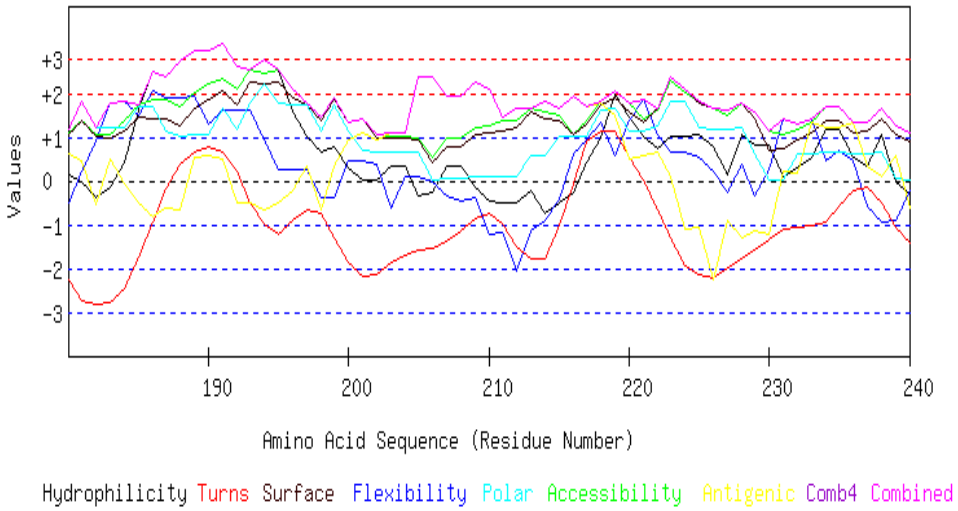
Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 121 to 180

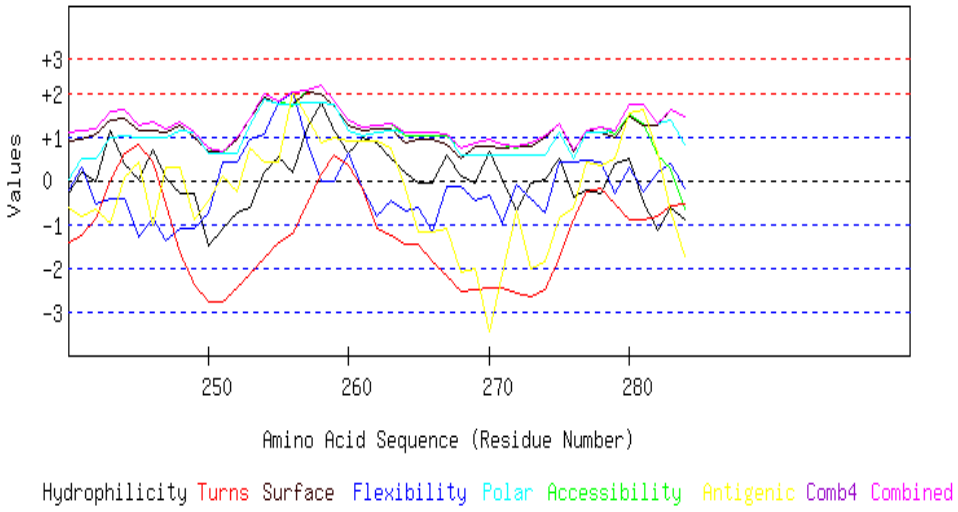


Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

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

**MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSG
ELDFGITGRDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLV
RKDLATKGIEATVIRLDGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAV
LIERAGTDGQDQTEARDQLVARVQGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIA
PLADPDWVAIRALVPRRDVNGIMDELAAIGAKAILASDIRFCRF**

Length=284

A.A.		Parameter							Combined		
		Hydro	Flexi	Access	Turns	Surface	Polar	AntiPro	MAX	MIN	AVG
1	M	-0.894	-0.971	-0.513	-2.054	1.677	0.799	-1.881	1.677	-2.054	-0.548
2	L	-0.762	-0.498	-0.055	-2.470	1.358	0.739	-1.881	1.358	-2.470	-0.510
3	R	-0.996	0.315	0.281	-2.574	1.030	0.680	-0.282	1.030	-2.574	-0.221
4	V	-0.863	0.333	0.982	-2.332	0.984	0.639	0.948	0.984	-2.332	0.099
5	A	-0.155	1.056	1.290	-1.465	1.248	0.663	0.890	1.290	-1.465	0.504
6	V	0.787	1.056	1.823	-0.564	1.877	1.252	0.520	1.877	-0.564	0.965
7	P	0.882	0.948	1.384	0.339	1.358	0.627	0.521	1.384	0.339	0.866
8	N	1.249	1.445	1.505	0.510	1.367	0.626	-1.077	1.505	-1.077	0.803
9	K	0.534	1.411	1.421	-0.050	1.376	0.631	0.368	1.421	-0.050	0.813
10	G	1.179	0.938	1.692	-0.742	1.540	0.650	-0.061	1.692	-0.742	0.742
11	A	1.540	0.311	1.776	-1.191	1.631	1.230	-0.307	1.776	-1.191	0.713
12	L	1.230	0.802	1.720	-1.104	1.595	1.208	0.025	1.720	-1.104	0.782
13	S	1.002	1.581	1.272	-0.743	0.957	0.614	-1.050	1.581	-1.050	0.519
14	E	0.971	0.401	1.477	-0.482	1.157	0.634	-1.009	1.477	-1.009	0.450
15	P	1.331	-0.378	1.804	-0.615	1.522	1.233	-0.025	1.804	-0.615	0.696
16	A	1.407	-0.737	1.748	-0.887	1.494	1.230	-0.139	1.748	-0.887	0.588
17	T	0.414	-0.162	1.515	-1.499	1.349	1.215	0.136	1.515	-1.499	0.424
18	E	0.054	-0.653	1.188	-1.963	0.984	0.616	-0.847	1.188	-1.963	-0.089
19	I	0.414	-0.601	1.272	-2.456	1.075	1.196	-1.094	1.272	-2.456	-0.028
20	L	0.414	-0.683	1.272	-2.571	1.075	1.196	-1.094	1.272	-2.571	-0.056
21	A	0.446	0.335	1.066	-2.518	0.875	1.176	-1.134	1.176	-2.518	0.035
22	E	-0.167	1.149	0.991	-2.261	0.747	0.596	-0.776	1.149	-2.261	0.040
23	A	0.604	1.387	1.561	-2.049	1.239	1.219	-1.098	1.561	-2.049	0.409
24	G	1.451	1.878	2.075	-1.974	1.704	1.838	-1.534	2.075	-1.974	0.777
25	Y	1.584	1.790	2.505	-2.102	2.178	2.463	-0.525	2.505	-2.102	1.128
26	R	1.420	3.052	2.374	-2.190	1.968	1.883	-0.458	3.052	-2.190	1.150
27	R	1.919	3.070	2.646	-1.934	2.287	2.372	0.543	3.070	-1.934	1.558
28	R	1.970	2.796	2.804	-1.130	2.488	2.392	0.703	2.804	-1.130	1.718
29	T	2.450	1.778	3.001	-0.193	2.889	2.967	0.436	3.001	-0.193	1.904
30	D	2.817	1.778	2.842	0.764	2.734	2.832	0.428	2.842	0.428	2.028
31	S	1.970	1.143	2.328	0.911	2.269	2.212	0.864	2.328	0.864	1.671
32	K	2.033	-0.038	2.094	0.718	1.950	1.608	0.905	2.094	-0.038	1.324
33	D	1.470	-0.330	1.776	0.112	1.786	1.589	1.453	1.786	-0.330	1.122
34	L	0.332	-0.510	1.365	-0.540	1.449	1.102	1.784	1.784	-0.540	0.712
35	T	0.553	-0.402	1.487	-0.968	1.613	1.571	1.615	1.615	-0.968	0.781
36	V	0.326	-0.284	1.281	-0.942	1.248	0.995	1.770	1.770	-0.942	0.628
37	I	-0.540	0.421	0.889	-0.782	0.920	0.508	2.368	2.368	-0.782	0.540
38	D	0.484	0.650	1.272	0.080	1.221	0.543	1.820	1.820	0.080	0.867
39	P	0.598	0.686	1.375	1.052	1.376	0.564	1.666	1.666	0.564	1.045
40	V	0.598	0.153	1.375	1.884	1.376	0.564	1.666	1.884	0.153	1.088
41	N	1.597	0.075	1.842	2.344	1.759	1.162	1.318	2.344	0.075	1.442
42	N	0.383	-0.709	1.505	1.930	1.394	0.677	1.578	1.930	-0.709	0.965
43	V	-0.332	-1.522	1.197	0.960	1.075	0.662	1.609	1.609	-1.522	0.521
44	E	-0.680	-0.613	1.253	0.100	1.039	0.665	1.272	1.272	-0.680	0.434
45	F	-1.704	-0.829	0.870	-0.535	0.738	0.630	1.820	1.820	-1.704	0.141
46	F	-1.881	0.177	1.001	-0.858	0.902	1.214	1.932	1.932	-1.881	0.355
47	F	-1.514	0.890	1.365	-0.946	1.185	1.231	1.563	1.563	-1.514	0.539
48	L	-1.647	0.740	1.487	-1.248	1.458	1.226	1.654	1.654	-1.647	0.524
49	R	-0.433	0.944	1.823	-1.169	1.823	1.711	1.394	1.823	-1.169	0.870
50	P	-0.357	-0.194	1.748	-1.039	1.850	1.708	1.465	1.850	-1.039	0.740
51	K	0.357	-0.959	1.814	-0.809	1.895	1.704	0.203	1.895	-0.959	0.601
52	D	0.433	-1.887	1.758	-1.050	1.868	1.701	0.090	1.868	-1.887	0.416
53	I	0.048	-1.799	1.580	-1.452	1.631	1.095	0.423	1.631	-1.799	0.218
54	A	-0.319	-0.619	1.216	-2.096	1.349	1.078	0.792	1.349	-2.096	0.200

55 I	-0.319	0.009	0.758	-2.210	0.665	0.483	0.727	0.758	-2.210	0.016
56 Y	-0.540	0.908	0.636	-2.016	0.501	0.014	0.896	0.908	-2.016	0.057
57 V	0.326	1.111	0.767	-1.422	0.474	0.013	0.575	1.111	-1.422	0.263
58 G	0.686	1.746	1.094	-0.947	0.838	0.612	1.558	1.746	-0.947	0.798
59 S	0.610	0.944	1.150	-0.780	0.866	0.616	1.672	1.672	-0.780	0.725
60 G	1.363	0.716	1.169	-0.780	0.948	1.085	1.331	1.363	-0.780	0.833
61 E	1.015	-0.236	1.225	-0.821	0.911	1.088	0.993	1.225	-0.821	0.596
62 L	1.015	-0.320	1.225	-0.564	0.911	1.088	0.993	1.225	-0.564	0.621
63 D	0.098	0.511	0.935	-0.504	0.738	1.070	1.155	1.155	-0.504	0.572
64 F	0.067	0.786	1.141	-0.511	0.938	1.090	1.195	1.195	-0.511	0.672
65 G	-0.066	1.499	0.804	-0.960	0.528	0.490	1.222	1.499	-0.960	0.503
66 I	0.781	0.668	1.318	-1.360	0.993	1.109	0.786	1.318	-1.360	0.614
67 T	0.781	0.896	1.318	-1.424	0.993	1.109	0.786	1.318	-1.424	0.637
68 G	0.781	0.441	1.300	-1.230	1.048	1.111	0.970	1.300	-1.230	0.632
69 R	0.187	0.353	1.188	-0.958	1.084	1.112	1.558	1.558	-0.958	0.646
70 D	0.781	0.395	1.113	-0.712	1.011	1.128	1.859	1.859	-0.712	0.797
71 L	1.084	0.483	1.188	-0.470	1.175	1.597	1.809	1.809	-0.470	0.981
72 V	1.135	0.688	1.346	0.032	1.376	1.617	1.969	1.969	0.032	1.166
73 C	1.230	1.275	0.907	0.712	0.856	0.993	1.970	1.970	0.712	1.135
74 D	0.730	1.143	0.636	0.968	0.537	0.504	0.969	1.143	0.504	0.784
75 S	1.691	1.417	1.047	0.814	0.902	0.541	0.697	1.691	0.541	1.016
76 G	1.691	1.137	1.047	0.081	0.902	0.541	0.697	1.691	0.081	0.871
77 A	1.868	1.323	1.692	-0.797	1.467	1.147	0.074	1.868	-0.797	0.968
78 Q	1.729	1.119	1.748	-1.474	1.513	1.258	0.057	1.748	-1.474	0.850
79 V	1.584	0.628	2.029	-1.977	1.832	1.863	-0.104	2.029	-1.977	0.836
80 R	0.642	0.519	1.954	-2.314	1.886	1.868	0.331	1.954	-2.314	0.698
81 E	0.642	0.333	1.954	-2.527	1.886	1.868	0.331	1.954	-2.527	0.641
82 R	-0.319	-0.416	1.543	-2.651	1.522	1.831	0.602	1.831	-2.651	0.302
83 L	0.275	-0.603	1.655	-2.561	1.485	1.830	0.014	1.830	-2.561	0.299
84 A	-0.572	0.457	1.160	-2.298	0.966	1.209	0.266	1.209	-2.298	0.170
85 L	-0.705	1.313	0.823	-1.979	0.556	0.610	0.293	1.313	-1.979	0.130
86 G	-0.559	2.373	0.543	-1.373	0.237	0.005	0.453	2.373	-1.373	0.240
87 F	0.433	1.571	0.776	-0.617	0.382	0.020	0.178	1.571	-0.617	0.392
88 G	0.711	2.559	0.926	0.319	0.537	0.040	1.348	2.559	0.040	0.920
89 S	0.711	1.525	0.945	1.118	0.483	0.038	1.164	1.525	0.038	0.855
90 S	0.617	0.670	1.384	1.419	1.002	0.663	1.163	1.419	0.617	0.988
91 S	1.078	-0.186	1.702	1.041	1.285	0.678	1.244	1.702	-0.186	0.977
92 F	0.850	-0.683	1.711	0.187	1.330	0.678	0.234	1.711	-0.683	0.615
93 R	0.572	-0.508	1.561	-0.819	1.175	0.658	-0.936	1.561	-0.936	0.243
94 Y	0.294	-0.695	1.655	-1.355	1.294	0.657	-0.876	1.655	-1.355	0.139
95 A	0.016	0.525	1.505	-1.520	1.139	0.637	-2.046	1.505	-2.046	0.037
96 A	0.958	1.135	1.561	-1.374	1.139	0.633	-2.297	1.561	-2.297	0.251
97 P	0.958	0.632	1.561	-1.306	1.139	0.633	-2.297	1.561	-2.297	0.189
98 A	1.521	0.764	1.608	-1.007	1.212	0.654	-2.742	1.608	-2.742	0.287
99 G	0.756	1.255	1.627	-0.799	1.230	0.679	-1.710	1.627	-1.710	0.434
100R	0.952	0.628	1.823	-0.197	1.385	0.699	-0.659	1.823	-0.659	0.662
101N	1.148	0.353	1.776	0.142	1.267	0.700	-0.838	1.776	-0.838	0.650
102W	1.148	-0.460	1.776	0.250	1.267	0.700	-0.838	1.776	-0.838	0.549
103T	1.420	0.043	2.057	0.126	1.631	1.189	-0.847	2.057	-0.847	0.802
104T	0.572	0.179	1.543	-0.024	1.166	0.570	-0.412	1.543	-0.412	0.513
105A	0.263	-0.426	1.244	-0.307	0.856	0.529	-1.309	1.244	-1.309	0.121
106D	1.255	0.387	1.216	-0.486	0.793	0.504	-1.331	1.255	-1.331	0.334
107L	0.661	-0.476	1.010	-1.023	0.683	0.501	-1.427	1.010	-1.427	-0.010
108A	0.598	-0.272	1.244	-1.721	1.002	1.106	-1.468	1.244	-1.721	0.070
109G	-0.041	0.219	1.103	-2.303	0.984	1.108	-0.136	1.108	-2.303	0.133
110M	-0.540	-0.408	0.832	-2.823	0.665	0.619	-1.138	0.832	-2.823	-0.399
111R	0.370	-0.701	1.113	-2.834	0.811	0.633	-1.532	1.113	-2.834	-0.306
112I	0.370	-1.156	1.113	-2.605	0.811	0.633	-1.532	1.113	-2.605	-0.338
113A	-0.111	-0.222	1.375	-2.136	1.093	0.653	-1.200	1.375	-2.136	-0.078

114T	0.288	-0.426	1.627	-1.520	1.321	0.655	-0.925	1.627	-1.520	0.146
115A	0.465	-1.013	1.496	-0.661	1.157	0.071	-1.037	1.496	-1.037	0.068
116Y	0.389	-0.200	1.552	0.080	1.185	0.074	-0.924	1.552	-0.924	0.308
117P	0.022	1.038	1.431	0.709	1.175	0.076	0.675	1.431	0.022	0.732
118N	-0.041	1.219	1.664	0.561	1.494	0.680	0.634	1.664	-0.041	0.887
119L	0.187	0.405	2.113	-0.189	2.132	1.275	1.709	2.132	-0.189	1.090
120V	0.939	0.610	2.132	-1.012	2.214	1.745	1.368	2.214	-1.012	1.142
121R	0.225	1.197	1.804	-1.451	1.950	1.731	1.583	1.950	-1.451	1.006
122K	-0.085	1.215	1.505	-1.423	1.640	1.690	0.686	1.690	-1.423	0.747
123D	0.825	1.010	1.786	-1.031	1.786	1.705	0.291	1.786	-1.031	0.910
124L	1.420	0.147	2.356	-0.994	2.433	2.298	-0.232	2.433	-0.994	1.061
125A	1.514	0.926	1.917	-1.178	1.914	1.673	-0.231	1.917	-1.178	0.934
126T	0.648	0.926	1.328	-1.494	1.257	1.081	0.025	1.328	-1.494	0.539
127K	0.509	0.926	1.384	-1.939	1.303	1.191	0.008	1.384	-1.939	0.483
128G	1.224	-0.001	1.468	-2.250	1.294	1.186	-1.437	1.468	-2.250	0.212
129I	1.420	-0.953	1.664	-2.322	1.449	1.206	-0.386	1.664	-2.322	0.297
130E	0.857	0.185	1.346	-2.265	1.285	1.187	0.162	1.346	-2.265	0.394
131A	-0.009	-0.595	0.758	-1.999	0.629	0.595	0.419	0.758	-1.999	-0.029
132T	-0.104	-0.056	1.197	-1.976	1.148	1.219	0.417	1.219	-1.976	0.264
133V	-0.180	0.081	1.253	-2.172	1.175	1.223	0.531	1.253	-2.172	0.273
134I	-0.041	0.177	1.197	-2.218	1.130	1.112	0.548	1.197	-2.218	0.272
135R	0.187	0.405	1.188	-1.990	1.084	1.112	1.558	1.558	-1.990	0.506
136L	-0.009	0.167	0.991	-1.439	0.929	1.092	0.508	1.092	-1.439	0.320
137D	-0.009	0.047	0.991	-1.014	0.929	1.092	0.508	1.092	-1.014	0.363
138G	0.990	0.363	1.459	-1.012	1.312	1.690	0.160	1.690	-1.012	0.709
139A	0.218	-0.360	0.889	-1.557	0.820	1.067	0.482	1.067	-1.557	0.223
140V	1.211	0.131	1.122	-1.814	0.966	1.082	0.207	1.211	-1.814	0.415
141E	0.345	0.023	0.730	-1.992	0.638	0.594	0.805	0.805	-1.992	0.163
142I	0.364	0.075	1.066	-1.529	1.057	0.637	0.968	1.066	-1.529	0.377
143S	-0.351	0.303	0.982	-1.184	1.066	0.642	2.413	2.413	-1.184	0.553
144V	0.244	-0.552	1.094	-0.999	1.030	0.641	1.824	1.824	-0.999	0.469
145Q	-0.484	0.083	0.646	-1.238	0.656	0.043	2.439	2.439	-1.238	0.306
146L	0.155	-0.408	0.786	-1.498	0.674	0.041	1.108	1.108	-1.498	0.122
147G	0.376	-0.528	0.907	-1.608	0.838	0.510	0.939	0.939	-1.608	0.205
148V	0.743	-1.156	1.029	-1.354	0.847	0.508	-0.660	1.029	-1.354	-0.006
149A	-0.142	-0.520	0.561	-1.087	0.455	0.468	-0.502	0.561	-1.087	-0.110
150D	0.572	-0.617	0.646	-1.019	0.446	0.462	-1.947	0.646	-1.947	-0.208
151A	0.844	-1.252	0.926	-1.069	0.811	0.951	-1.956	0.951	-1.956	-0.106
152I	0.844	-0.625	0.926	-1.245	0.811	0.951	-1.956	0.951	-1.956	-0.042
153A	0.477	0.556	0.804	-1.077	0.802	0.953	-0.357	0.953	-1.077	0.308
154D	0.206	1.183	0.524	-1.033	0.437	0.464	-0.348	1.183	-1.033	0.205
155V	0.484	1.457	0.674	-0.812	0.592	0.484	0.822	1.457	-0.812	0.529
156V	1.350	2.044	0.804	-0.809	0.565	0.482	0.501	2.044	-0.809	0.705
157G	1.483	1.936	1.234	-0.728	1.039	1.107	1.510	1.936	-0.728	1.083
158S	1.179	2.164	1.160	-0.751	0.875	0.638	1.560	2.164	-0.751	0.975
159G	0.832	1.800	1.197	-0.869	0.893	0.641	1.406	1.800	-0.869	0.843
160R	1.476	1.263	1.468	-0.925	1.057	0.660	0.977	1.476	-0.925	0.854
161T	1.495	0.988	1.804	-0.829	1.476	0.702	1.140	1.804	-0.829	0.968
162L	1.217	0.293	1.814	-0.181	1.494	1.302	1.247	1.814	-0.181	1.027
163S	1.489	0.401	2.094	0.787	1.859	1.791	1.238	2.094	0.401	1.380
164Q	0.642	-0.454	1.580	1.627	1.394	1.172	1.674	1.674	-0.454	1.091
165H	0.079	-1.119	1.262	1.734	1.230	1.153	2.222	2.222	-1.119	0.937
166D	0.794	-0.583	1.346	1.147	1.221	1.148	0.777	1.346	-0.583	0.836
167L	-0.199	-0.546	1.132	-0.003	1.020	1.132	0.868	1.132	-0.546	0.486
168V	-0.218	0.017	0.795	-0.911	0.601	1.090	0.705	1.090	-0.911	0.297
169A	0.142	-0.092	0.963	-1.432	0.793	1.070	0.412	1.070	-1.432	0.265
170F	-0.357	-0.056	0.935	-1.415	0.747	0.600	0.640	0.935	-1.415	0.156
171G	-0.357	0.658	0.935	-1.275	0.747	0.600	0.640	0.935	-1.275	0.278
172E	-0.035	0.886	0.842	-1.036	0.665	0.616	0.674	0.886	-1.036	0.373

173P	0.465	0.886	1.113	-0.611	0.984	1.105	1.675	1.675	-0.611	0.802
174L	1.457	0.527	1.328	0.085	1.185	1.121	1.584	1.584	0.085	1.041
175C	1.590	0.636	1.664	0.713	1.595	1.720	1.557	1.720	0.636	1.354
176D	1.230	0.395	1.337	1.023	1.230	1.121	0.573	1.337	0.395	0.987
177S	0.863	-0.468	0.973	0.501	0.948	1.103	0.942	1.103	-0.468	0.695
178E	0.863	-0.749	0.973	-0.400	0.948	1.103	0.942	1.103	-0.749	0.526
179A	0.269	-0.510	1.047	-1.510	1.020	1.087	0.642	1.087	-1.510	0.292
180V	0.130	-0.510	1.103	-2.276	1.066	1.198	0.624	1.198	-2.276	0.191
181L	-0.016	0.213	1.384	-2.743	1.385	1.802	0.464	1.802	-2.743	0.356
182I	-0.376	0.908	1.057	-2.837	1.020	1.203	-0.520	1.203	-2.837	0.065
183E	-0.148	1.772	1.047	-2.784	0.975	1.203	0.490	1.772	-2.784	0.365
184R	0.414	1.824	1.365	-2.451	1.139	1.221	-0.058	1.824	-2.451	0.493
185A	1.628	1.501	1.720	-1.754	1.449	1.705	-0.502	1.720	-1.754	0.821
186G	2.494	2.040	1.851	-0.950	1.422	1.703	-0.823	2.494	-0.950	1.105
187T	2.381	1.904	1.851	-0.186	1.431	1.146	-0.634	2.381	-0.634	1.128
188D	2.747	1.904	1.692	0.400	1.276	1.010	-0.642	2.747	-0.642	1.198
189G	2.994	1.940	2.019	0.645	1.649	1.052	0.532	2.994	0.532	1.547
190Q	2.962	1.313	2.225	0.772	1.850	1.072	0.572	2.962	0.572	1.538
191D	3.127	1.635	2.356	0.664	2.060	1.652	0.505	3.127	0.505	1.714
192Q	2.627	1.635	2.085	0.222	1.741	1.163	-0.496	2.627	-0.496	1.282
193T	2.532	1.635	2.524	-0.485	2.260	1.788	-0.497	2.532	-0.497	1.394
194E	2.785	0.940	2.468	-0.980	2.205	2.234	-0.669	2.785	-0.980	1.283
195A	2.532	0.269	2.524	-1.215	2.260	1.788	-0.497	2.532	-1.215	1.094
196R	1.571	0.269	2.113	-0.894	1.895	1.751	-0.225	2.113	-0.894	0.926
197D	1.009	0.269	1.795	-0.655	1.731	1.732	0.323	1.795	-0.655	0.886
198Q	0.648	-0.366	1.468	-0.731	1.367	1.133	-0.661	1.468	-0.731	0.408
199L	0.781	-0.366	1.898	-1.298	1.841	1.757	0.348	1.898	-1.298	0.709
200V	0.281	0.465	1.346	-1.842	1.358	1.134	0.938	1.358	-1.842	0.526
201A	0.029	0.465	1.403	-2.198	1.412	0.688	1.110	1.412	-2.198	0.415
202R	0.010	0.369	1.066	-2.140	0.993	0.645	0.947	1.066	-2.140	0.270
203V	0.357	-0.619	1.029	-1.871	0.975	0.642	1.101	1.101	-1.871	0.230
204Q	0.357	0.105	1.029	-1.687	0.975	0.642	1.101	1.101	-1.687	0.360
205G	-0.357	0.105	0.963	-1.567	0.929	0.646	2.362	2.362	-1.567	0.440
206V	-0.262	-0.032	0.524	-1.549	0.410	0.021	2.363	2.363	-1.549	0.211
207V	0.351	-0.342	0.973	-1.386	0.793	0.062	1.938	1.938	-1.386	0.341
208F	0.351	-0.450	0.973	-1.157	0.793	0.062	1.938	1.938	-1.157	0.358
209G	-0.129	-0.390	1.234	-0.853	1.075	0.081	2.269	2.269	-0.853	0.470
210Q	-0.477	-1.222	1.272	-0.760	1.093	0.085	2.116	2.116	-1.222	0.301
211Q	-0.509	-1.174	1.384	-0.966	1.148	0.101	1.472	1.472	-1.174	0.208
212Y	-0.509	-2.071	1.365	-1.504	1.203	0.102	1.656	1.656	-2.071	0.035
213L	-0.237	-1.125	1.646	-1.767	1.567	0.591	1.646	1.646	-1.767	0.332
214M	-0.736	-0.885	1.571	-1.765	1.431	0.568	1.815	1.815	-1.765	0.285
215L	-0.484	-0.412	1.515	-1.011	1.376	1.014	1.643	1.643	-1.011	0.520
216D	-0.275	0.606	1.047	-0.042	1.048	1.013	1.933	1.933	-0.275	0.761
217Y	0.440	0.922	1.375	0.890	1.312	1.026	1.718	1.718	0.440	1.097
218D	0.971	1.329	1.814	1.158	1.741	1.634	1.772	1.814	0.971	1.488
219C	1.963	0.586	2.047	1.156	1.886	1.649	1.497	2.047	0.586	1.541
220P	1.464	1.381	1.776	0.525	1.567	1.160	0.496	1.776	0.496	1.196
221R	1.002	1.854	1.440	0.039	1.339	1.146	0.599	1.854	0.039	1.060
222S	0.730	1.040	1.617	-0.671	1.658	1.251	0.673	1.658	-0.671	0.900
223A	1.002	0.676	2.281	-1.290	2.388	1.828	0.116	2.388	-1.290	1.000
224L	1.002	0.676	2.038	-1.947	2.114	1.809	-1.114	2.114	-1.947	0.654
225K	1.065	0.556	1.804	-2.145	1.795	1.205	-1.073	1.804	-2.145	0.458
226K	0.787	0.215	1.655	-2.209	1.640	1.184	-2.243	1.655	-2.243	0.147
227A	0.149	-0.258	1.515	-1.985	1.622	1.186	-0.911	1.622	-1.985	0.188
228T	1.059	0.369	1.795	-1.765	1.768	1.201	-1.305	1.795	-1.765	0.446
229A	0.832	-0.326	1.589	-1.581	1.403	0.625	-1.150	1.589	-1.581	0.199
230I	0.832	0.249	1.132	-1.358	0.720	0.031	-1.215	1.132	-1.358	0.056
231T	0.117	1.429	1.047	-1.086	0.729	0.036	0.230	1.429	-1.086	0.357

232P	0.281	1.297	1.178	-1.043	0.938	0.616	0.163	1.297	-1.043	0.490
233G	0.560	1.429	1.328	-1.029	1.093	0.636	1.333	1.429	-1.029	0.764
234L	1.198	0.477	1.711	-0.945	1.385	0.653	1.231	1.711	-0.945	0.816
235E	1.198	0.682	1.711	-0.563	1.385	0.653	1.231	1.711	-0.563	0.900
236S	0.560	0.465	1.328	-0.215	1.093	0.636	1.333	1.333	-0.215	0.743
237P	0.332	-0.595	1.337	-0.139	1.139	0.636	0.323	1.337	-0.595	0.433
238T	1.046	-0.953	1.664	-0.513	1.403	0.649	0.108	1.664	-0.953	0.486
239I	-0.028	-0.905	1.253	-1.048	1.048	0.055	0.569	1.253	-1.048	0.135
240A	-0.307	-0.222	1.103	-1.432	0.893	0.035	-0.601	1.103	-1.432	-0.076
241P	0.193	0.317	1.132	-1.255	0.938	0.505	-0.830	1.132	-1.255	0.143
242L	-0.003	-0.544	1.178	-0.859	1.057	0.504	-0.651	1.178	-0.859	0.097
243A	1.135	-0.436	1.589	-0.034	1.394	0.991	-0.981	1.589	-0.981	0.523
244D	0.370	-0.436	1.608	0.605	1.412	1.016	0.051	1.608	-0.436	0.661
245P	0.003	-1.300	1.244	0.839	1.130	0.999	0.420	1.244	-1.300	0.476
246D	0.718	-0.845	1.328	0.416	1.121	0.993	-1.025	1.328	-1.025	0.386
247W	0.079	-1.384	1.188	-0.526	1.103	0.995	0.306	1.188	-1.384	0.252
248V	-0.288	-1.085	1.346	-1.672	1.257	1.131	0.314	1.346	-1.672	0.144
249A	-0.288	-1.085	1.103	-2.376	0.984	1.112	-0.916	1.112	-2.376	-0.209
250I	-1.501	-0.727	0.748	-2.798	0.674	0.629	-0.472	0.748	-2.798	-0.492
251R	-1.103	0.411	0.608	-2.779	0.647	0.605	0.095	0.647	-2.779	-0.217
252A	-0.736	0.411	0.973	-2.472	0.929	0.622	-0.274	0.973	-2.472	-0.078
253L	-0.604	0.950	1.403	-2.145	1.403	1.247	0.735	1.403	-2.145	0.427
254V	0.168	1.058	1.973	-1.799	1.895	1.870	0.413	1.973	-1.799	0.797
255P	0.534	1.764	1.814	-1.422	1.741	1.734	0.405	1.814	-1.422	0.938
256R	0.168	2.032	1.692	-1.226	1.731	1.736	2.003	2.032	-1.226	1.162
257R	1.192	0.894	2.075	-0.529	2.032	1.771	1.456	2.075	-0.529	1.270
258D	1.786	-0.034	2.188	0.129	1.996	1.769	0.867	2.188	-0.034	1.243
259V	1.148	-0.034	1.804	0.588	1.704	1.752	0.969	1.804	-0.034	1.133
260N	0.617	0.638	1.365	0.339	1.276	1.145	0.914	1.365	0.339	0.899
261G	0.983	-0.176	1.206	-0.182	1.121	1.009	0.906	1.206	-0.182	0.695
262I	0.844	-0.803	1.262	-1.094	1.166	1.119	0.889	1.262	-1.094	0.484
263M	0.496	-0.478	1.300	-1.259	1.185	1.123	0.735	1.300	-1.259	0.443
264D	0.187	-0.689	1.001	-1.445	0.875	1.083	-0.162	1.083	-1.445	0.121
265E	-0.041	-0.601	1.010	-1.465	0.920	1.083	-1.172	1.083	-1.465	-0.038
266L	-0.041	-1.176	1.010	-1.857	0.920	1.083	-1.172	1.083	-1.857	-0.176
267A	0.585	-0.140	1.010	-2.176	0.829	1.066	-1.117	1.066	-2.176	0.008
268A	0.085	-0.140	0.739	-2.527	0.510	0.577	-2.118	0.739	-2.527	-0.411
269I	-0.047	-0.464	0.860	-2.518	0.784	0.572	-2.027	0.860	-2.518	-0.406
270G	0.667	-0.344	0.945	-2.458	0.774	0.566	-3.472	0.945	-3.472	-0.474
271A	0.029	-0.971	0.804	-2.474	0.756	0.568	-2.140	0.804	-2.474	-0.490
272K	-0.686	-0.116	0.720	-2.569	0.765	0.573	-0.695	0.765	-2.569	-0.287
273A	-0.047	-0.408	0.860	-2.672	0.784	0.572	-2.027	0.860	-2.672	-0.420
274I	0.003	-0.733	1.019	-2.482	0.984	0.592	-1.867	1.019	-2.482	-0.355
275L	0.503	0.405	1.290	-1.783	1.303	1.081	-0.866	1.303	-1.783	0.276
276A	-0.363	0.435	0.702	-0.891	0.647	0.488	-0.609	0.702	-0.891	0.058
277S	-0.231	0.471	1.132	-0.248	1.121	1.113	0.400	1.132	-0.248	0.537
278D	-0.307	0.429	1.206	-0.178	1.093	1.115	0.330	1.206	-0.307	0.527
279I	0.364	-0.284	1.075	-0.535	0.993	1.127	0.517	1.127	-0.535	0.465
280R	0.496	0.295	1.505	-0.918	1.467	1.752	1.526	1.752	-0.918	0.875
281F	-0.496	-0.264	1.290	-0.911	1.267	1.736	1.617	1.736	-0.911	0.606
282C	-1.128	0.165	0.561	-0.813	1.267	1.307	0.616	1.307	-1.128	0.282
283R	-0.623	0.383	0.244	-0.599	1.604	1.366	-0.716	1.604	-0.716	0.237
284F	-0.888	-0.176	-0.644	-0.549	1.449	0.801	-1.725	1.449	-1.725	-0.247

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]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]
Hydrophilicity	[1]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]
Flexibility	[1]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]
Accessibility	[1]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]
Turns	[1]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]
Exposed Surface	[1]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]
Polarity	[1]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]

Antigenic Propensity	[1]MLRVAVPNKGALSEPATEILAEAGYRRRTDSKDLTVIDPVNNVEFFFLRPKDIAIYVGSGELDFGITG RDLVCDSGAQVRERLALGFGSSSFRYAAPAGRNWTTADLAGMRIATAYPNLVRKDLATKGIEATVIRL DGAVEISVQLGVADAIADVVGSGRTLSQHDLVAFGEPLCDSEAVLIERAGTDGQDQTEARDQLVARV QGVVFGQQYLMLDYDCPRSALKKATAITPGLESPTIAPLADPDWVAIRALVPRRDVNGIMDELAAIGA KAILASDIRFCRF[284]

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