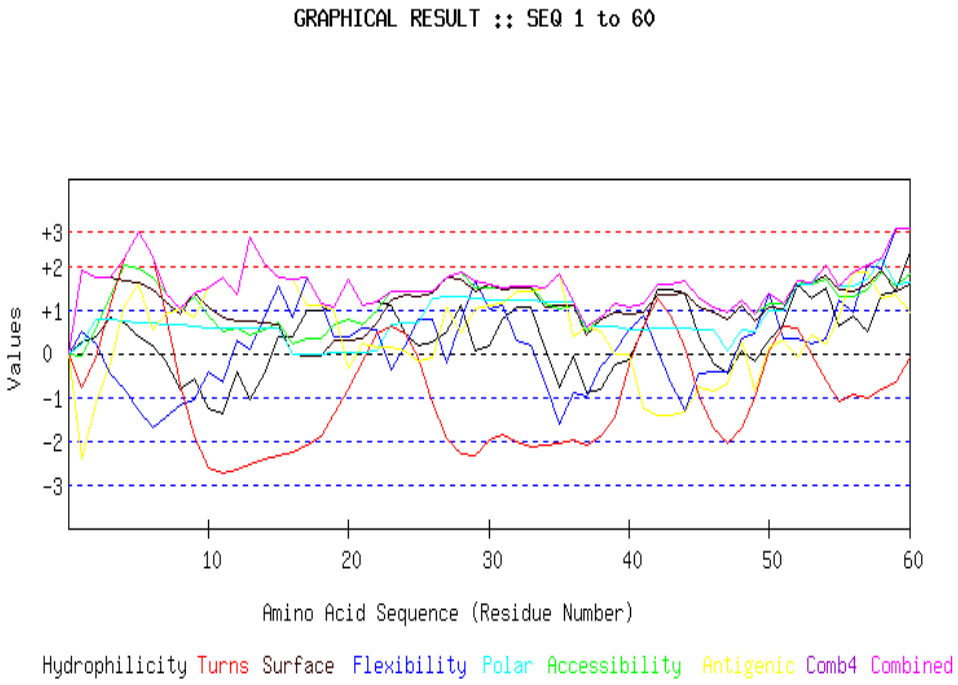
BcePred Prediction Server

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

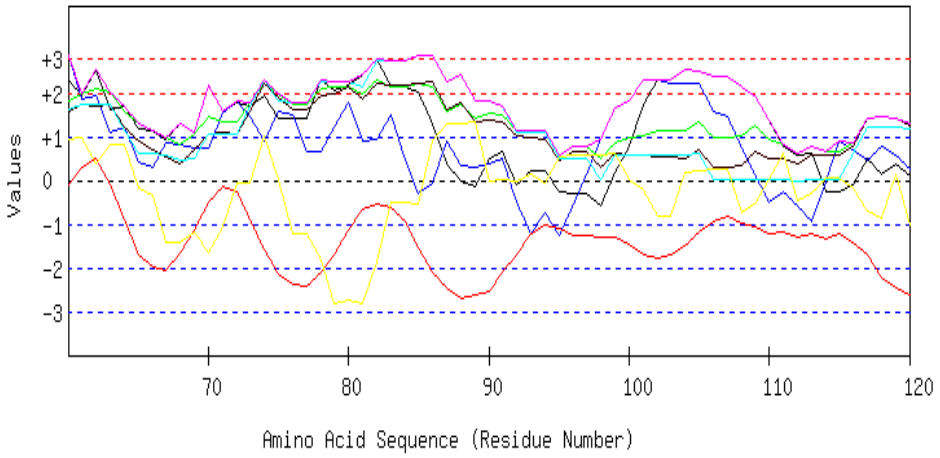
seqname=
Seq=MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGLGAGAD
PEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRPFSFEGKRRSNQAE
NGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITTPGLINVDFADVKGIMSGAGTAL
MGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDLGLFEINEAASLVQDAAHPDANIIFGTVIDDSL
GDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESAKAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDV
PPFMRR

Length=379

GRAPHICAL RESULT

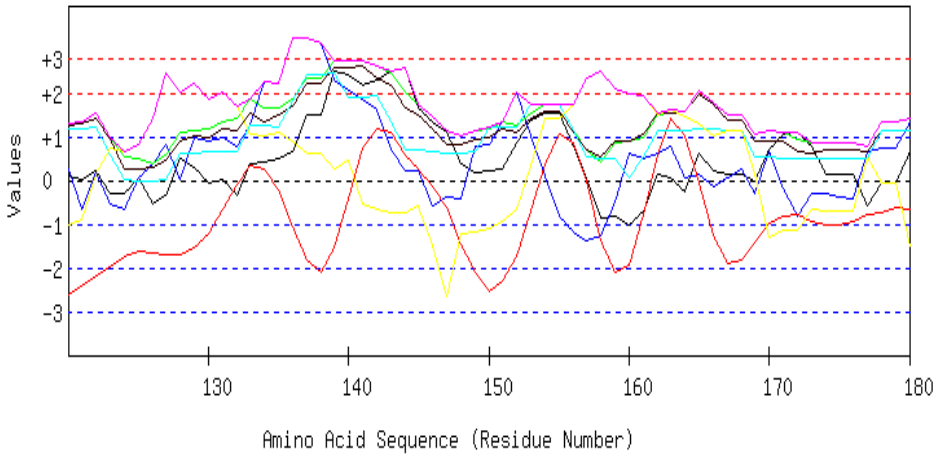


GRAPHICAL RESULT :: SEQ 61 to 120



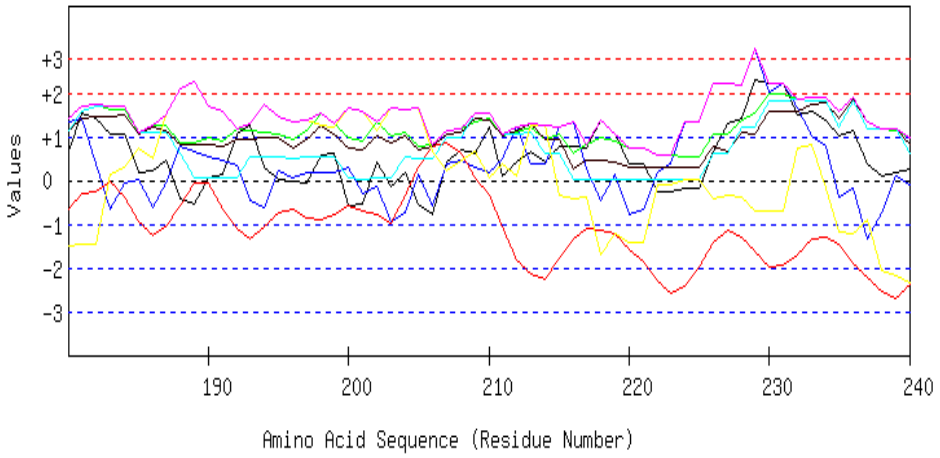
Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 121 to 180



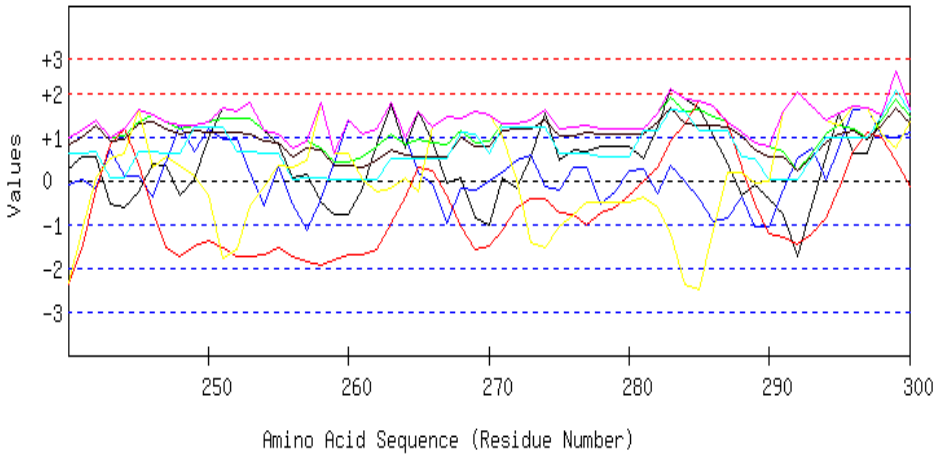
Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 181 to 240



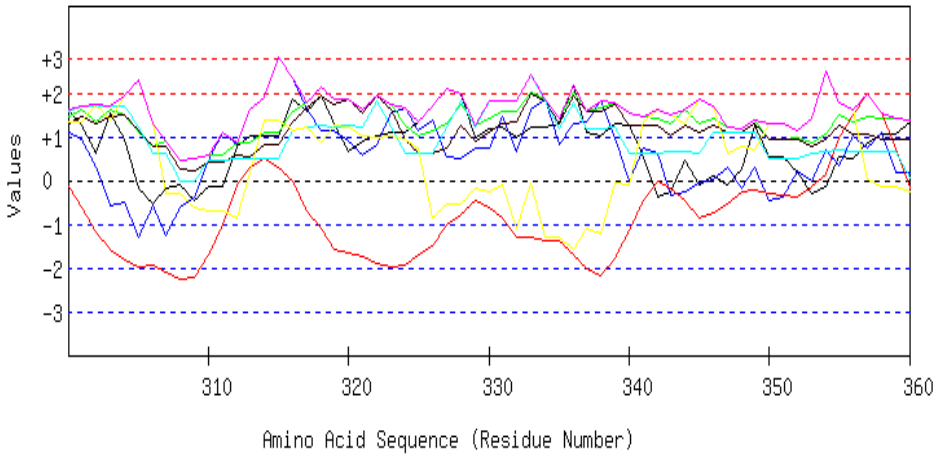
Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 241 to 300



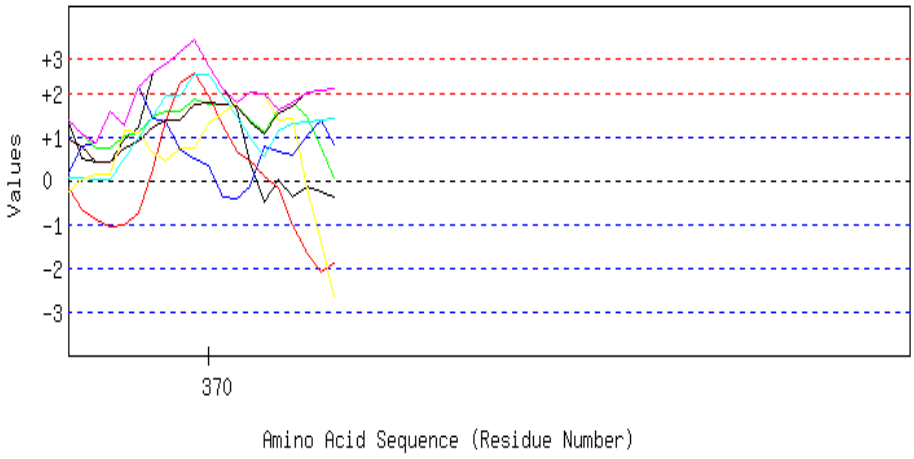
Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 301 to 360



Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 361 to 420



Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

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

MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGR
DSTRGLGAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARK
LGALTVGVVTRPFSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAF
RSADEVLLNGVQGITDLITTPGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEI
AINSPLLEASMEGAQGVLMSIAGGSDLGLFEINEAASLVQDAAHPDANIIFGTVIDDSLG
DEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESAKAGKLTSTLFEPVDAVSVPLHTNGA
TLSIGGDDDDVDVPPFMRR

Length=379

A.A.	Parameter							Combined		
	Hydro	Flexi	Access	Turns	Surface	Polar	AntiPro	MAX	MIN	AVG
1 M	0.250	0.519	-0.055	-0.780	1.905	0.225	-2.423	1.905	-2.423	-0.051
2 T	0.383	0.227	0.561	-0.110	1.759	0.785	-1.146	1.759	-1.146	0.351
3 P	0.825	-0.468	1.318	1.091	1.750	0.765	-0.249	1.750	-0.468	0.719
4 P	0.705	-0.827	2.029	2.176	1.668	0.725	1.094	2.176	-0.827	1.081
5 H	0.389	-1.282	1.954	2.762	1.631	0.713	1.584	2.762	-1.282	1.107
6 N	0.193	-1.697	1.758	2.232	1.476	0.693	0.533	2.232	-1.697	0.741
7 Y	-0.174	-1.474	1.393	0.882	1.194	0.676	0.902	1.393	-1.474	0.486
8 L	-0.812	-1.164	1.010	-0.699	0.902	0.658	1.003	1.010	-1.164	0.128
9 A	-0.585	-1.055	1.300	-1.914	1.367	0.633	0.801	1.367	-1.914	0.078
10 V	-1.261	-0.428	0.879	-2.609	1.048	0.594	1.503	1.503	-2.609	-0.039
11 I	-1.375	-0.657	0.505	-2.752	0.802	0.576	1.760	1.760	-2.752	-0.163
12 K	-0.433	0.295	0.580	-2.665	0.747	0.571	1.325	1.325	-2.665	0.060
13 V	-1.072	0.091	0.440	-2.558	0.729	0.573	2.657	2.657	-2.558	0.123
14 V	-0.477	0.814	0.552	-2.422	0.692	0.571	2.068	2.068	-2.422	0.257
15 G	0.389	1.537	0.683	-2.342	0.665	0.569	1.747	1.747	-2.342	0.464
16 I	0.389	0.814	0.225	-2.255	-0.019	-0.025	1.682	1.682	-2.255	0.116
17 G	0.983	1.748	0.337	-2.106	-0.055	-0.027	1.094	1.748	-2.106	0.282
18 G	0.983	1.121	0.337	-1.911	-0.055	-0.027	1.094	1.121	-1.911	0.220
19 G	1.065	0.397	0.646	-1.367	0.300	0.014	0.980	1.065	-1.367	0.291
20 G	1.704	0.379	0.786	-0.803	0.319	0.012	-0.351	1.704	-0.803	0.292
21 V	1.110	0.566	0.674	-0.192	0.355	0.014	0.237	1.110	-0.192	0.395
22 N	1.192	0.548	0.982	0.442	0.711	0.054	0.124	1.192	0.054	0.579
23 A	1.097	-0.386	1.421	0.613	1.230	0.679	0.123	1.421	-0.386	0.682
24 V	0.471	0.189	1.421	0.448	1.321	0.696	0.067	1.421	0.067	0.659
25 N	0.199	0.776	1.403	-0.090	1.312	0.696	-0.200	1.403	-0.200	0.585
26 R	0.250	0.794	1.431	-1.122	1.367	1.255	-0.113	1.431	-1.122	0.552
27 M	0.496	-0.224	1.758	-1.946	1.741	1.298	1.060	1.758	-1.946	0.597
28 I	1.091	0.722	1.870	-2.300	1.704	1.296	0.472	1.870	-2.300	0.693
29 E	0.067	1.674	1.487	-2.347	1.403	1.261	1.020	1.674	-2.347	0.652
30 Q	0.161	1.002	1.505	-1.995	1.567	1.231	1.086	1.567	-1.995	0.651
31 G	0.787	1.087	1.505	-1.876	1.476	1.214	1.141	1.505	-1.876	0.762
32 L	1.059	0.285	1.524	-2.001	1.485	1.213	1.408	1.524	-2.001	0.711
33 K	1.059	0.165	1.524	-2.145	1.485	1.213	1.408	1.524	-2.145	0.673
34 G	0.098	-0.667	1.132	-2.117	1.066	1.175	1.496	1.496	-2.117	0.312
35 V	-0.768	-1.618	1.001	-2.055	1.093	1.177	1.817	1.817	-2.055	0.092
36 E	-0.054	-0.913	1.085	-1.960	1.084	1.172	0.372	1.172	-1.960	0.112
37 F	-0.920	-0.997	0.496	-2.113	0.428	0.579	0.629	0.629	-2.113	-0.271

38 I	-0.838	-0.284	0.804	-1.880	0.784	0.619	0.516	0.804	-1.880	-0.040
39 A	-0.275	0.041	1.122	-1.446	0.948	0.638	-0.032	1.122	-1.446	0.142
40 I	-0.136	0.532	1.066	-0.269	0.902	0.527	-0.015	1.066	-0.269	0.372
41 N	0.579	0.856	1.132	0.632	0.948	0.523	-1.276	1.132	-1.276	0.485
42 T	1.464	0.043	1.599	1.263	1.339	0.564	-1.435	1.599	-1.435	0.691
43 D	1.464	-0.653	1.599	0.856	1.339	0.564	-1.435	1.599	-1.435	0.533
44 A	1.388	-1.306	1.655	0.141	1.367	0.567	-1.321	1.655	-1.321	0.356
45 Q	0.364	-0.450	1.272	-0.965	1.066	0.532	-0.773	1.272	-0.965	0.149
46 A	-0.231	-0.402	1.066	-1.687	0.957	0.529	-0.869	1.066	-1.687	-0.091
47 L	-0.452	-0.402	0.945	-2.065	0.793	0.060	-0.701	0.945	-2.065	-0.260
48 L	0.048	0.341	1.216	-1.713	1.112	0.549	0.301	1.216	-1.713	0.265
49 M	-0.199	0.449	0.889	-1.030	0.738	0.507	-0.873	0.889	-1.030	0.069
50 S	0.300	1.395	1.160	0.043	1.057	0.996	0.128	1.395	0.043	0.726
51 D	0.648	0.335	1.122	0.619	1.039	0.992	0.282	1.122	0.282	0.720
52 A	1.590	0.335	1.655	0.589	1.668	1.581	-0.088	1.668	-0.088	1.047
53 D	1.274	0.239	1.580	-0.020	1.631	1.569	0.402	1.631	-0.020	0.954
54 V	1.495	0.327	1.702	-0.613	1.795	2.038	0.234	2.038	-0.613	0.997
55 K	0.629	1.237	1.309	-1.101	1.467	1.551	0.831	1.551	-1.101	0.846
56 L	0.857	0.944	1.300	-0.944	1.422	1.551	1.842	1.842	-0.944	0.996
57 D	0.490	2.004	1.459	-1.006	1.576	1.687	1.850	2.004	-1.006	1.151
58 V	1.356	1.956	1.851	-0.805	1.905	2.174	1.252	2.174	-0.805	1.384
59 G	1.407	2.866	1.552	-0.646	1.422	1.599	1.347	2.866	-0.646	1.364
60 R	2.317	2.866	1.832	-0.086	1.567	1.614	0.953	2.866	-0.086	1.580
61 D	1.951	1.848	1.991	0.314	1.722	1.750	0.961	1.991	0.314	1.505
62 S	2.545	1.936	2.103	0.518	1.686	1.748	0.372	2.545	0.372	1.558
63 T	1.603	1.080	2.029	-0.085	1.741	1.754	0.807	2.029	-0.085	1.275
64 R	1.698	1.217	1.589	-0.887	1.221	1.129	0.808	1.698	-0.887	0.968
65 G	1.198	0.403	1.318	-1.681	0.902	0.640	-0.193	1.318	-1.681	0.370
66 L	1.148	0.315	1.160	-1.990	0.701	0.620	-0.353	1.160	-1.990	0.229
67 G	0.952	0.878	0.963	-2.049	0.547	0.600	-1.403	0.963	-2.049	0.070
68 A	1.318	0.826	0.804	-1.666	0.392	0.464	-1.412	1.318	-1.666	0.104
69 G	1.091	0.730	1.057	-1.154	0.711	0.483	-1.192	1.091	-1.192	0.246
70 A	2.166	0.730	1.468	-0.498	1.066	1.077	-1.653	2.166	-1.653	0.622
71 D	1.571	1.543	1.356	-0.132	1.103	1.079	-1.065	1.571	-1.065	0.779
72 P	1.799	1.836	1.346	-0.242	1.057	1.079	-0.054	1.836	-0.242	0.974
73 E	1.704	1.477	1.786	-0.887	1.576	1.704	-0.055	1.786	-0.887	1.043
74 V	1.932	0.902	2.234	-1.566	2.214	2.298	1.020	2.298	-1.566	1.291
75 G	1.432	1.573	1.963	-2.147	1.895	1.809	0.019	1.963	-2.147	0.935
76 R	1.432	1.485	1.720	-2.398	1.622	1.790	-1.212	1.790	-2.398	0.634
77 K	1.432	0.672	1.720	-2.437	1.622	1.790	-1.212	1.790	-2.437	0.513
78 A	2.298	0.672	2.113	-2.095	1.950	2.278	-1.809	2.298	-2.095	0.772
79 A	2.071	1.211	2.122	-1.682	1.996	2.278	-2.820	2.278	-2.820	0.739
80 E	2.166	1.786	2.141	-1.155	2.160	2.248	-2.754	2.248	-2.754	0.942
81 D	2.437	0.886	1.963	-0.666	1.841	2.142	-2.828	2.437	-2.828	0.825
82 A	2.798	0.922	2.290	-0.527	2.205	2.741	-1.844	2.798	-1.844	1.227
83 K	2.159	1.497	2.150	-0.637	2.187	2.743	-0.512	2.743	-0.637	1.370
84 D	2.159	0.461	2.150	-0.932	2.187	2.743	-0.512	2.743	-0.932	1.180
85 E	2.020	-0.282	2.206	-1.553	2.233	2.854	-0.529	2.854	-1.553	0.993
86 I	1.306	-0.044	2.122	-2.114	2.242	2.859	0.916	2.859	-2.114	1.041
87 E	0.364	0.908	1.589	-2.458	1.613	2.270	1.286	2.270	-2.458	0.796
88 E	-0.003	0.333	1.748	-2.715	1.768	2.406	1.294	2.406	-2.715	0.690
89 L	-0.136	0.297	1.412	-2.637	1.358	1.806	1.320	1.806	-2.637	0.489
90 L	0.503	0.387	1.552	-2.537	1.376	1.804	-0.012	1.804	-2.537	0.439
91 R	0.642	0.495	1.496	-2.120	1.330	1.694	0.006	1.694	-2.120	0.506
92 G	-0.117	-0.492	1.160	-1.707	1.011	1.111	-0.023	1.160	-1.707	0.135
93 A	0.231	-1.216	1.122	-1.218	0.993	1.108	0.131	1.122	-1.218	0.164
94 D	0.231	-0.725	1.141	-1.025	0.938	1.106	-0.053	1.141	-1.025	0.231
95 M	-0.269	-1.264	0.589	-1.115	0.455	0.483	0.536	0.589	-1.264	-0.083
96 V	-0.300	-0.522	0.795	-1.262	0.656	0.503	0.577	0.795	-1.262	0.064
97 F	-0.300	0.149	0.795	-1.263	0.656	0.503	0.577	0.795	-1.263	0.160
98 V	-0.572	0.950	0.515	-1.291	0.291	0.014	0.586	0.950	-1.291	0.070
99 T	0.187	1.674	0.851	-1.293	0.610	0.597	0.615	1.674	-1.293	0.463
100A	0.781	1.810	0.963	-1.446	0.574	0.595	0.027	1.810	-1.446	0.472
101G	1.723	2.301	1.019	-1.712	0.574	0.591	-0.224	2.301	-1.712	0.610
102E	2.317	2.301	1.132	-1.777	0.537	0.589	-0.813	2.317	-1.777	0.612

103G	2.317	2.217	1.132	-1.713	0.537	0.589	-0.813	2.317	-1.713	0.610
104G	2.545	2.217	1.122	-1.486	0.492	0.589	0.198	2.545	-1.486	0.811
105G	2.513	2.217	1.328	-1.167	0.692	0.609	0.238	2.513	-1.167	0.919
106T	2.381	1.589	0.991	-0.938	0.282	0.010	0.265	2.381	-0.938	0.654
107G	2.381	1.457	0.991	-0.836	0.282	0.010	0.265	2.381	-0.836	0.650
108T	2.153	0.734	1.001	-0.969	0.328	0.010	-0.746	2.153	-0.969	0.359
109G	1.925	0.147	1.253	-1.042	0.647	0.029	-0.526	1.925	-1.042	0.348
110G	1.363	-0.480	0.935	-1.213	0.483	0.010	0.022	1.363	-1.213	0.160
111A	0.768	-0.252	0.823	-1.194	0.519	0.012	0.610	0.823	-1.194	0.184
112P	0.572	-0.576	0.627	-1.317	0.364	-0.008	-0.440	0.627	-1.317	-0.111
113V	0.623	-0.935	0.786	-1.235	0.565	0.012	-0.281	0.786	-1.235	-0.067
114V	-0.243	-0.026	0.655	-1.324	0.592	0.014	0.040	0.655	-1.324	-0.042
115A	-0.243	0.902	0.655	-1.214	0.592	0.014	0.040	0.902	-1.214	0.107
116S	-0.111	0.698	0.842	-1.411	0.793	0.620	-0.180	0.842	-1.411	0.179
117I	0.484	0.469	1.412	-1.701	1.440	1.213	-0.704	1.440	-1.701	0.373
118A	0.136	0.794	1.449	-2.202	1.458	1.216	-0.858	1.458	-2.202	0.285
119R	0.364	0.590	1.440	-2.453	1.412	1.216	0.153	1.440	-2.453	0.389
120K	0.085	0.267	1.290	-2.608	1.257	1.196	-1.017	1.290	-2.608	0.067
121L	0.010	-0.661	1.346	-2.420	1.285	1.200	-0.904	1.346	-2.420	-0.021
122G	0.206	0.171	1.543	-2.181	1.440	1.220	0.147	1.543	-2.181	0.364
123A	-0.294	-0.552	0.991	-1.962	0.957	0.597	0.736	0.991	-1.962	0.068
124L	-0.294	-0.649	0.533	-1.725	0.273	0.002	0.672	0.672	-1.725	-0.170
125T	0.054	0.047	0.496	-1.613	0.255	-0.002	0.825	0.825	-1.613	0.009
126V	-0.540	0.369	0.384	-1.643	0.291	-0.000	1.414	1.414	-1.643	0.039
127G	-0.344	0.824	0.580	-1.681	0.446	0.020	2.465	2.465	-1.681	0.330
128V	0.503	0.023	1.094	-1.719	0.911	0.639	2.029	2.029	-1.719	0.497
129V	0.307	0.974	1.141	-1.558	1.030	0.638	2.208	2.208	-1.558	0.677
130T	-0.041	0.896	1.197	-1.237	0.993	0.641	1.871	1.871	-1.237	0.617
131R	0.010	0.980	1.356	-0.667	1.194	0.661	2.030	2.030	-0.667	0.795
132P	-0.338	0.794	1.412	-0.103	1.157	0.663	1.693	1.693	-0.338	0.754
133F	0.389	1.267	1.860	0.332	1.531	1.261	1.077	1.860	0.332	1.103
134S	0.421	2.255	1.655	0.260	1.330	1.242	1.037	2.255	0.260	1.171
135F	0.515	2.213	1.674	-0.211	1.494	1.211	1.103	2.213	-0.211	1.143
136E	0.648	3.242	1.860	-1.074	1.695	1.817	0.882	3.242	-1.074	1.296
137G	1.495	3.276	2.356	-1.828	2.214	2.438	0.630	3.276	-1.828	1.512
138K	1.495	3.140	2.356	-2.110	2.214	2.438	0.630	3.140	-2.110	1.452
139R	2.520	2.309	2.720	-1.549	2.570	2.474	0.266	2.720	-1.549	1.616
140R	2.406	2.070	2.720	-0.417	2.579	1.917	0.456	2.720	-0.417	1.676
141S	2.178	1.866	2.730	0.735	2.625	1.917	-0.555	2.730	-0.555	1.642
142N	2.311	1.637	2.608	1.178	2.351	1.922	-0.646	2.608	-0.646	1.623
143Q	2.488	0.704	2.477	1.087	2.187	1.338	-0.758	2.488	-0.758	1.360
144A	2.583	0.213	2.038	0.563	1.668	0.713	-0.757	2.583	-0.757	1.003
145E	1.666	0.213	1.748	0.243	1.494	0.695	-0.595	1.748	-0.595	0.781
146N	1.356	-0.566	1.449	-0.131	1.185	0.654	-1.492	1.449	-1.492	0.351
147G	1.110	-0.362	1.122	-0.629	0.811	0.612	-2.666	1.122	-2.666	-0.000
148I	0.395	-0.414	1.038	-1.464	0.820	0.617	-1.221	1.038	-1.464	-0.033
149A	0.168	0.766	1.141	-2.085	0.929	0.642	-1.195	1.141	-2.085	0.052
150A	0.218	0.802	1.169	-2.557	0.984	1.201	-1.109	1.201	-2.557	0.101
151L	0.269	1.341	1.328	-2.317	1.185	1.221	-0.949	1.341	-2.317	0.297
152R	0.863	2.036	1.253	-1.740	1.112	1.237	-0.649	2.036	-1.740	0.588
153E	1.363	1.018	1.524	-0.710	1.431	1.726	0.353	1.726	-0.710	0.958
154S	1.559	0.119	1.720	0.379	1.586	1.746	1.403	1.746	0.119	1.216
155C	1.559	-0.833	1.720	1.063	1.586	1.746	1.403	1.746	-0.833	1.178
156D	0.787	-1.194	1.150	0.851	1.093	1.123	1.726	1.726	-1.194	0.791
157T	0.060	-1.374	0.702	-0.033	0.720	0.525	2.341	2.341	-1.374	0.420
158L	-0.857	-1.256	0.412	-1.362	0.547	0.507	2.503	2.503	-1.362	0.071
159I	-0.812	-0.512	0.870	-2.116	0.911	0.508	2.101	2.101	-2.116	0.136
160V	-1.002	0.626	0.898	-1.944	0.902	0.060	1.997	1.997	-1.944	0.219
161I	-0.698	0.517	0.973	-0.798	1.066	0.529	1.947	1.947	-0.798	0.505
162P	0.149	0.638	1.487	0.579	1.531	1.148	1.511	1.531	0.149	1.006
163N	0.073	0.770	1.543	1.403	1.558	1.152	1.624	1.624	0.073	1.160
164D	-0.275	0.047	1.580	1.002	1.576	1.156	1.471	1.580	-0.275	0.937
165R	0.610	0.135	2.047	-0.044	1.968	1.196	1.312	2.047	-0.044	1.032
166L	0.212	-0.140	1.795	-1.254	1.741	1.194	1.037	1.795	-1.254	0.655
167L	0.130	0.065	1.487	-1.910	1.385	1.154	1.150	1.487	-1.910	0.494

168Q	0.130	0.269	1.487	-1.831	1.385	1.154	1.150	1.487	-1.831	0.535
169M	-0.003	-0.318	1.057	-1.419	0.911	0.529	0.141	1.057	-1.419	0.128
170G	0.711	0.652	1.141	-0.987	0.902	0.524	-1.304	1.141	-1.304	0.234
171D	1.059	-0.180	1.103	-0.801	0.884	0.520	-1.150	1.103	-1.150	0.205
172A	1.091	-0.833	0.926	-0.784	0.665	0.498	-1.154	1.091	-1.154	0.058
173A	0.775	-0.294	0.851	-0.936	0.629	0.486	-0.664	0.851	-0.936	0.121
174V	0.149	-0.294	0.851	-1.025	0.720	0.503	-0.719	0.851	-1.025	0.026
175S	0.149	-0.372	0.851	-1.007	0.720	0.503	-0.719	0.851	-1.007	0.018
176L	0.149	-0.414	0.851	-0.946	0.720	0.503	-0.719	0.851	-0.946	0.021
177M	-0.566	0.646	0.786	-0.793	0.674	0.507	0.542	0.786	-0.793	0.257
178D	-0.066	0.760	1.337	-0.731	1.157	1.130	-0.047	1.337	-0.731	0.506
179A	-0.066	0.760	1.337	-0.605	1.157	1.130	-0.047	1.337	-0.605	0.524
180F	0.648	1.335	1.421	-0.642	1.148	1.125	-1.492	1.421	-1.492	0.506
181R	1.546	1.413	1.702	-0.292	1.422	1.597	-1.446	1.702	-1.446	0.849
182S	1.407	0.395	1.758	-0.256	1.467	1.707	-1.464	1.758	-1.464	0.716
183A	1.040	-0.665	1.636	-0.027	1.458	1.709	0.135	1.709	-0.665	0.755
184D	1.040	-0.056	1.617	-0.393	1.513	1.710	0.319	1.710	-0.393	0.822
185E	0.193	0.033	1.103	-0.922	1.048	1.091	0.755	1.103	-0.922	0.471
186V	0.225	-0.639	1.253	-1.269	1.203	1.111	0.482	1.253	-1.269	0.338
187L	0.452	-0.052	1.244	-1.068	1.157	1.111	1.493	1.493	-1.068	0.620
188L	-0.414	0.780	0.851	-0.561	0.829	0.624	2.090	2.090	-0.561	0.600
189N	-0.528	0.660	0.851	-0.043	0.838	0.067	2.280	2.280	-0.528	0.589
190G	0.067	0.542	0.963	-0.071	0.802	0.065	1.691	1.691	-0.071	0.580
191V	0.142	0.453	0.907	-0.661	0.774	0.062	1.578	1.578	-0.661	0.465
192Q	1.053	0.345	1.188	-1.106	0.920	0.076	1.184	1.188	-1.106	0.523
193G	1.242	-0.470	1.160	-1.340	0.929	0.524	1.288	1.288	-1.340	0.476
194I	0.300	-0.607	1.085	-1.069	0.984	0.530	1.723	1.723	-1.069	0.421
195T	0.029	0.209	1.066	-0.752	0.975	0.530	1.456	1.456	-0.752	0.502
196D	-0.022	0.077	0.935	-0.672	0.756	0.508	1.333	1.333	-0.672	0.416
197L	-0.054	0.165	1.141	-0.857	0.957	0.528	1.373	1.373	-0.857	0.465
198I	0.585	0.165	1.524	-0.901	1.248	0.545	1.272	1.524	-0.901	0.634
199T	0.617	0.165	1.318	-0.765	1.048	0.525	1.231	1.318	-0.765	0.591
200T	-0.597	0.283	0.963	-0.596	0.738	0.041	1.675	1.675	-0.597	0.358
201P	-0.521	-0.304	0.907	-0.718	0.711	0.038	1.562	1.562	-0.718	0.239
202G	0.427	-0.124	1.346	-0.767	1.039	0.077	1.127	1.346	-0.767	0.446
203L	-0.136	-0.925	1.029	-0.962	0.875	0.058	1.675	1.675	-0.962	0.231
204I	0.168	-0.721	1.103	-0.344	1.039	0.527	1.625	1.625	-0.721	0.485
205N	-0.547	0.143	0.795	0.300	0.720	0.512	1.657	1.657	-0.547	0.511
206V	-0.774	-0.562	0.804	0.792	0.765	0.512	0.646	0.804	-0.774	0.312
207D	0.440	0.365	1.160	0.855	1.075	0.996	0.202	1.160	0.202	0.728
208F	0.711	0.453	1.178	0.638	1.084	0.996	0.469	1.178	0.453	0.790
209A	0.629	0.303	1.328	0.061	1.412	1.550	0.647	1.550	0.061	0.847
210D	1.224	0.189	1.440	-0.325	1.376	1.548	0.059	1.548	-0.325	0.787
211V	0.085	0.505	1.029	-1.065	1.039	1.061	0.390	1.061	-1.065	0.435
212K	0.402	1.229	1.085	-1.833	1.130	1.074	0.083	1.229	-1.833	0.453
213G	0.680	0.397	1.234	-2.134	1.285	1.094	1.253	1.285	-2.134	0.544
214I	0.408	0.397	0.954	-2.240	0.920	0.605	1.262	1.262	-2.240	0.330
215M	0.775	1.213	1.075	-1.782	0.929	0.604	-0.336	1.213	-1.782	0.354
216S	0.775	1.327	0.618	-1.352	0.246	0.009	-0.401	1.327	-1.352	0.174
217G	0.743	0.267	0.823	-1.110	0.446	0.029	-0.361	0.823	-1.110	0.120
218A	1.382	-0.474	0.963	-1.152	0.465	0.027	-1.692	1.382	-1.692	-0.069
219G	1.065	0.153	0.889	-1.231	0.428	0.015	-1.202	1.065	-1.231	0.017
220T	0.389	-0.799	0.730	-1.588	0.319	0.012	-1.417	0.730	-1.588	-0.336
221A	0.389	-0.663	0.730	-1.861	0.319	0.012	-1.417	0.730	-1.861	-0.356
222L	-0.250	0.193	0.589	-2.314	0.300	0.014	-0.086	0.589	-2.314	-0.222
223M	-0.250	0.397	0.589	-2.567	0.300	0.014	-0.086	0.589	-2.567	-0.229
224G	-0.167	1.325	0.543	-2.431	0.300	0.014	0.034	1.325	-2.431	-0.055
225I	-0.167	1.325	0.543	-1.970	0.300	0.014	0.034	1.325	-1.970	0.011
226G	0.680	2.225	1.057	-1.438	0.765	0.634	-0.402	2.225	-1.438	0.503
227S	1.306	2.225	1.057	-1.127	0.674	0.616	-0.347	2.225	-1.127	0.629
228A	1.438	2.182	1.393	-1.305	1.084	1.216	-0.373	2.182	-1.305	0.805
229R	2.305	3.038	1.524	-1.640	1.057	1.214	-0.695	3.038	-1.640	0.972
230G	2.210	2.020	1.963	-1.974	1.576	1.839	-0.696	2.210	-1.974	0.991
231E	2.210	2.225	1.963	-1.935	1.576	1.839	-0.696	2.225	-1.935	1.026
232G	1.495	1.650	1.879	-1.682	1.586	1.844	0.749	1.879	-1.682	1.074

233R	1.590	1.022	1.898	-1.335	1.750	1.814	0.815	1.898	-1.335	1.079
234S	1.363	0.784	1.907	-1.293	1.795	1.814	-0.195	1.907	-1.293	0.882
235L	1.002	-0.396	1.580	-1.473	1.431	1.215	-1.179	1.580	-1.473	0.311
236K	1.135	-0.192	1.917	-1.895	1.841	1.814	-1.206	1.917	-1.895	0.488
237A	0.364	-1.348	1.346	-2.217	1.349	1.191	-0.883	1.349	-2.217	-0.028
238A	0.085	-0.739	1.197	-2.532	1.194	1.171	-2.053	1.197	-2.532	-0.240
239E	0.161	0.117	1.141	-2.712	1.166	1.168	-2.166	1.168	-2.712	-0.161
240I	0.244	-0.100	0.991	-2.362	0.838	0.614	-2.344	0.991	-2.362	-0.303
241A	0.522	0.021	1.141	-1.598	0.993	0.634	-1.175	1.141	-1.598	0.077
242I	0.522	-0.184	1.384	-0.239	1.267	0.653	0.056	1.384	-0.239	0.494
243N	-0.553	0.716	0.973	0.835	0.911	0.059	0.517	0.973	-0.553	0.494
244S	-0.629	0.107	1.029	1.175	0.938	0.062	0.630	1.175	-0.629	0.473
245P	-0.269	0.107	1.356	0.390	1.303	0.662	1.614	1.614	-0.269	0.737
246L	0.370	-0.366	1.496	-0.692	1.321	0.660	0.282	1.496	-0.692	0.439
247L	0.338	0.413	1.346	-1.526	1.166	0.639	0.555	1.346	-1.526	0.419
248E	-0.338	1.245	1.188	-1.723	1.057	0.636	0.340	1.245	-1.723	0.343
249A	0.022	0.670	1.272	-1.511	1.148	1.217	0.094	1.272	-1.511	0.416
250S	0.964	1.161	1.346	-1.393	1.093	1.212	-0.341	1.346	-1.393	0.578
251M	1.679	0.932	1.431	-1.545	1.084	1.206	-1.786	1.679	-1.786	0.429
252E	1.565	0.950	1.431	-1.751	1.093	0.649	-1.597	1.565	-1.751	0.334
253G	1.793	0.171	1.421	-1.740	1.048	0.649	-0.586	1.793	-1.740	0.394
254A	1.148	-0.570	1.150	-1.685	0.884	0.631	-0.157	1.150	-1.685	0.200
255Q	0.832	0.285	1.075	-1.546	0.847	0.619	0.333	1.075	-1.546	0.349
256G	0.073	-0.530	0.739	-1.739	0.528	0.036	0.304	0.739	-1.739	-0.084
257V	0.123	-1.158	0.898	-1.849	0.729	0.056	0.464	0.898	-1.849	-0.105
258L	-0.515	-0.434	0.758	-1.954	0.711	0.058	1.795	1.795	-1.954	0.060
259M	-0.762	0.397	0.431	-1.817	0.337	0.016	0.622	0.622	-1.817	-0.111
260S	-0.762	1.367	0.431	-1.706	0.337	0.016	0.622	1.367	-1.706	0.043
261I	-0.167	1.050	0.543	-1.682	0.300	0.014	0.034	1.050	-1.682	0.013
262A	0.825	1.171	0.776	-1.573	0.446	0.029	-0.242	1.171	-1.573	0.205
263G	1.723	1.798	1.057	-0.971	0.720	0.501	-0.195	1.798	-0.971	0.662
264G	0.730	0.966	0.823	-0.365	0.574	0.486	0.080	0.966	-0.365	0.471
265S	1.597	0.165	0.954	0.303	0.547	0.484	-0.242	1.597	-0.242	0.544
266D	0.882	-0.116	0.870	0.208	0.556	0.490	1.203	1.203	-0.116	0.585
267L	-0.060	-0.979	0.814	-0.343	0.556	0.494	1.454	1.454	-0.979	0.277
268G	0.073	-0.166	1.150	-1.055	0.966	1.093	1.428	1.428	-1.055	0.499
269L	-0.844	-0.218	0.860	-1.591	0.793	1.075	1.590	1.590	-1.591	0.238
270F	-1.034	-0.013	0.889	-1.486	0.784	0.627	1.486	1.486	-1.486	0.179
271E	0.041	0.161	1.300	-1.132	1.139	1.221	1.024	1.300	-1.132	0.536
272I	-0.186	0.441	1.309	-0.635	1.185	1.221	0.014	1.309	-0.635	0.478
273N	0.528	0.562	1.393	-0.418	1.175	1.216	-1.431	1.393	-1.431	0.432
274E	1.521	-0.144	1.608	-0.403	1.376	1.231	-1.523	1.608	-1.523	0.524
275A	0.446	-0.228	1.197	-0.732	1.020	0.637	-1.061	1.197	-1.061	0.183
276A	0.718	0.311	1.216	-0.794	1.030	0.637	-0.794	1.216	-0.794	0.332
277S	0.655	0.311	1.244	-1.021	1.093	0.639	-0.518	1.244	-1.021	0.343
278L	0.794	-0.544	1.188	-0.748	1.048	0.528	-0.501	1.188	-0.748	0.252
279V	0.794	-0.250	1.188	-0.614	1.048	0.528	-0.501	1.188	-0.614	0.313
280Q	0.794	0.205	1.188	-0.334	1.048	0.528	-0.501	1.188	-0.501	0.418
281D	0.515	0.253	1.197	-0.031	1.066	1.128	-0.393	1.197	-0.393	0.534
282A	1.230	-0.286	1.524	0.315	1.330	1.142	-0.608	1.524	-0.608	0.664
283A	2.096	0.323	1.917	0.882	1.658	1.629	-1.206	2.096	-1.206	1.043
284H	1.849	-0.001	1.589	1.305	1.285	1.587	-2.379	1.849	-2.379	0.748
285P	1.660	-0.416	1.617	1.816	1.276	1.138	-2.483	1.816	-2.483	0.658
286D	1.021	-0.949	1.477	1.699	1.257	1.140	-1.151	1.699	-1.151	0.642
287A	0.383	-0.861	1.337	1.286	1.239	1.142	0.180	1.337	-0.861	0.672
288N	-0.332	-0.370	1.113	0.319	1.020	0.526	0.164	1.113	-0.370	0.349
289I	-0.104	-1.075	0.860	-0.529	0.701	0.507	-0.055	0.860	-1.075	0.044
290I	-0.408	-1.075	0.786	-1.222	0.537	0.038	-0.006	0.786	-1.222	-0.193
291F	-0.774	-0.212	0.664	-1.311	0.528	0.040	1.593	1.593	-1.311	0.076
292G	-1.723	0.501	0.225	-1.465	0.200	0.001	2.028	2.028	-1.723	-0.033
293T	-0.585	0.730	0.636	-1.210	0.537	0.488	1.697	1.697	-1.210	0.328
294V	0.553	0.035	1.047	-0.874	0.875	0.975	1.366	1.366	-0.874	0.568
295I	1.546	0.758	1.262	-0.181	1.075	0.991	1.275	1.546	-0.181	0.961
296D	0.604	1.621	1.188	0.650	1.130	0.996	1.710	1.710	0.604	1.128
297D	0.636	1.658	0.982	1.091	0.929	0.977	1.669	1.669	0.636	1.135

298S	1.502	1.022	1.375	0.994	1.257	1.464	1.072	1.502	0.994	1.241
299L	2.501	0.980	1.842	0.458	1.640	2.062	0.724	2.501	0.458	1.458
300G	1.634	1.089	1.449	-0.136	1.312	1.574	1.321	1.634	-0.136	1.178
301D	1.268	0.952	1.608	-0.625	1.467	1.710	1.330	1.710	-0.625	1.101
302E	0.623	0.317	1.337	-1.162	1.303	1.692	1.758	1.758	-1.162	0.838
303V	1.533	-0.583	1.617	-1.593	1.449	1.706	1.364	1.706	-1.593	0.785
304R	0.939	-0.486	1.505	-1.839	1.485	1.708	1.953	1.953	-1.839	0.752
305V	-0.199	-1.300	1.094	-1.978	1.148	1.221	2.283	2.283	-1.978	0.324
306T	-0.559	-0.576	0.767	-1.922	0.784	0.621	1.299	1.299	-1.922	0.059
307V	-0.193	-1.242	0.889	-2.087	0.793	0.619	-0.299	0.889	-2.087	-0.217
308I	-0.098	-0.607	0.449	-2.273	0.273	-0.005	-0.298	0.449	-2.273	-0.365
309A	-0.446	-0.378	0.505	-2.209	0.237	-0.003	-0.636	0.505	-2.209	-0.418
310A	-0.142	0.477	0.580	-1.693	0.401	0.466	-0.686	0.580	-1.693	-0.085
311G	-0.142	1.105	0.580	-1.007	0.401	0.466	-0.686	1.105	-1.007	0.102
312F	0.775	0.836	0.870	-0.115	0.574	0.485	-0.847	0.870	-0.847	0.368
313D	1.002	1.637	0.860	0.288	0.528	0.485	0.163	1.637	0.163	0.709
314V	1.002	1.912	1.103	0.512	0.802	0.504	1.393	1.912	0.504	1.033
315S	1.002	2.840	1.103	0.306	0.802	0.504	1.393	2.840	0.306	1.136
316G	1.849	2.343	1.599	-0.036	1.321	1.124	1.141	2.343	-0.036	1.335
317P	1.578	1.619	1.776	-0.706	1.640	1.230	1.215	1.776	-0.706	1.193
318G	1.944	1.147	2.141	-1.088	1.923	1.247	0.846	2.141	-1.088	1.166
319R	1.299	1.147	1.870	-1.562	1.759	1.229	1.275	1.870	-1.562	1.002
320K	0.673	0.908	1.870	-1.653	1.850	1.246	1.220	1.870	-1.653	0.873
321P	0.901	0.568	1.617	-1.749	1.531	1.227	1.000	1.617	-1.749	0.728
322V	1.034	0.836	1.954	-1.899	1.941	1.826	0.973	1.954	-1.899	0.952
323M	1.097	1.559	1.720	-1.986	1.622	1.222	1.015	1.720	-1.986	0.893
324G	1.097	1.674	1.262	-1.927	0.938	0.627	0.950	1.674	-1.927	0.660
325E	1.325	1.137	1.010	-1.713	0.619	0.608	0.731	1.325	-1.713	0.531
326T	1.691	1.375	1.132	-1.482	0.629	0.607	-0.868	1.691	-1.482	0.440
327G	2.090	0.560	1.300	-1.006	0.756	1.209	-0.546	2.090	-1.006	0.623
328G	1.995	0.507	1.739	-0.775	1.276	1.834	-0.547	1.995	-0.775	0.861
329A	0.996	0.736	1.272	-0.463	0.893	1.236	-0.199	1.272	-0.463	0.639
330H	1.160	0.736	1.403	-0.626	1.103	1.816	-0.266	1.816	-0.626	0.761
331R	1.211	1.477	1.561	-0.867	1.303	1.836	-0.106	1.836	-0.867	0.916
332I	0.983	0.664	1.571	-1.299	1.349	1.836	-1.117	1.836	-1.299	0.570
333E	1.211	1.615	2.019	-1.292	1.987	2.430	-0.042	2.430	-1.292	1.133
334S	1.211	1.872	1.860	-1.382	1.813	1.811	-1.319	1.872	-1.382	0.838
335A	1.306	0.812	1.421	-1.386	1.294	1.186	-1.318	1.421	-1.386	0.474
336K	2.172	1.303	2.010	-1.716	1.950	1.779	-1.575	2.172	-1.716	0.846
337A	1.097	1.327	1.599	-2.016	1.595	1.185	-1.113	1.599	-2.016	0.525
338G	1.015	1.818	1.646	-2.161	1.595	1.184	-1.232	1.818	-2.161	0.552
339K	1.293	0.986	1.795	-1.777	1.750	1.205	-0.062	1.795	-1.777	0.741
340L	1.261	-0.019	1.543	-1.128	1.267	0.630	-0.087	1.543	-1.128	0.495
341T	0.547	0.760	1.459	-0.460	1.276	0.635	1.358	1.459	-0.460	0.796
342S	-0.395	0.628	1.403	-0.029	1.276	0.639	1.609	1.609	-0.395	0.733
343T	-0.262	-0.324	1.281	-0.168	1.002	0.644	1.518	1.518	-0.324	0.527
344L	0.452	-0.276	1.608	-0.466	1.267	0.658	1.303	1.608	-0.466	0.649
345F	-0.111	-0.072	1.290	-0.854	1.103	0.640	1.851	1.851	-0.854	0.550
346E	0.111	0.007	1.412	-0.733	1.267	1.108	1.682	1.682	-0.733	0.693
347P	-0.085	0.287	1.216	-0.555	1.112	1.088	0.631	1.216	-0.555	0.528
348V	0.263	-0.168	1.178	-0.278	1.093	1.085	0.785	1.178	-0.278	0.565
349D	1.255	0.287	1.393	-0.222	1.294	1.101	0.694	1.393	-0.222	0.829
350A	0.528	-0.456	0.945	-0.289	0.920	0.503	1.309	1.309	-0.456	0.494
351V	0.528	-0.366	0.945	-0.352	0.920	0.503	1.309	1.309	-0.366	0.498
352S	0.180	0.221	0.982	-0.369	0.938	0.506	1.155	1.155	-0.369	0.516
353V	-0.319	-0.026	0.870	-0.158	0.793	0.637	1.431	1.431	-0.319	0.461
354P	-0.123	0.698	1.066	0.123	0.948	0.657	2.482	2.482	-0.123	0.836
355L	0.553	0.339	1.487	0.988	1.267	0.696	1.780	1.780	0.339	1.016
356H	0.503	1.034	1.328	1.516	1.066	0.676	1.621	1.621	0.503	1.106
357T	0.869	0.740	1.449	1.968	1.075	0.675	0.022	1.968	0.022	0.971
358N	1.065	1.105	1.403	1.539	0.957	0.676	-0.157	1.539	-0.157	0.941
359G	1.065	0.171	1.403	0.722	0.957	0.676	-0.157	1.403	-0.157	0.691
360A	1.344	0.171	1.393	-0.180	0.938	0.076	-0.265	1.393	-0.265	0.497
361T	0.509	0.798	1.057	-0.662	0.765	0.058	0.016	1.057	-0.662	0.363
362L	0.427	0.846	0.748	-0.919	0.410	0.017	0.130	0.846	-0.919	0.237

363S	0.427	1.589	0.748	-1.064	0.410	0.017	0.130	1.589	-1.064	0.322
364I	0.926	1.273	1.019	-1.004	0.729	0.506	1.131	1.273	-1.004	0.654
365G	1.230	2.136	1.094	-0.739	0.893	0.975	1.081	2.136	-0.739	0.953
366G	2.444	1.413	1.449	0.268	1.203	1.458	0.637	2.444	0.268	1.267
367D	2.665	1.325	1.571	1.380	1.367	1.927	0.468	2.665	0.468	1.529
368D	2.937	0.690	1.589	2.230	1.376	1.927	0.735	2.937	0.690	1.641
369D	3.209	0.509	1.870	2.462	1.741	2.416	0.726	3.209	0.509	1.847
370D	2.614	0.329	1.758	1.935	1.777	2.418	1.314	2.614	0.329	1.735
371V	2.115	-0.384	1.730	1.256	1.731	1.948	1.543	2.115	-0.384	1.420
372D	1.616	-0.402	1.702	0.673	1.686	1.478	1.772	1.772	-0.402	1.218
373V	0.402	-0.128	1.365	0.447	1.321	0.993	2.032	2.032	-0.128	0.919
374P	-0.496	0.782	1.085	0.118	1.048	0.521	1.986	1.986	-0.496	0.721
375P	0.003	0.678	1.636	-0.187	1.531	1.144	1.397	1.636	-0.187	0.886
376F	-0.363	0.574	1.795	-1.036	1.686	1.280	1.405	1.795	-1.036	0.763
377M	-0.129	1.002	1.459	-1.678	2.014	1.339	-0.194	2.014	-1.678	0.544
378R	-0.262	1.371	0.758	-2.092	2.060	1.380	-1.424	2.060	-2.092	0.256
379R	-0.395	0.812	0.057	-1.905	2.105	1.421	-2.654	2.105	-2.654	-0.080

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]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]
Hydrophilicity	[1]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]
Flexibility	[1]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]
Accessibility	[1]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL

	GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]
Turns	[1]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]
Exposed Surface	[1]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]
Polarity	[1]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]
Antigenic Propensity	[1]MTPPHNYLAVIKVVGIGGGGVNAVNRMIEQGLKGVEFIAINTDAQALLMSDADVKLDVGRDSTRGL GAGADPEVGRKAAEDAKDEIEELLRGADMVFVTAGEGGGTGTGGAPVVASIARKLGALTVGVVTRP FSFEGKRRSNQAENGIAALRESCDTLIVIPNDRLLQMGDAAVSLMDAFRSADEVLLNGVQGITDLITT PGLINVDFADVKGIMSGAGTALMGIGSARGEGRSLKAAEIAINSPLLEASMEGAQGVLMSIAGGSDL GLFEINEAASLVQDAAHPDANIIFGTVIDDSLGDEVRVTVIAAGFDVSGPGRKPVMGETGGAHRIESA KAGKLTSTLFEPVDAVSVPLHTNGATLSIGGDDDDVDVPPFMRR[379]

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