

BcePred Prediction Server

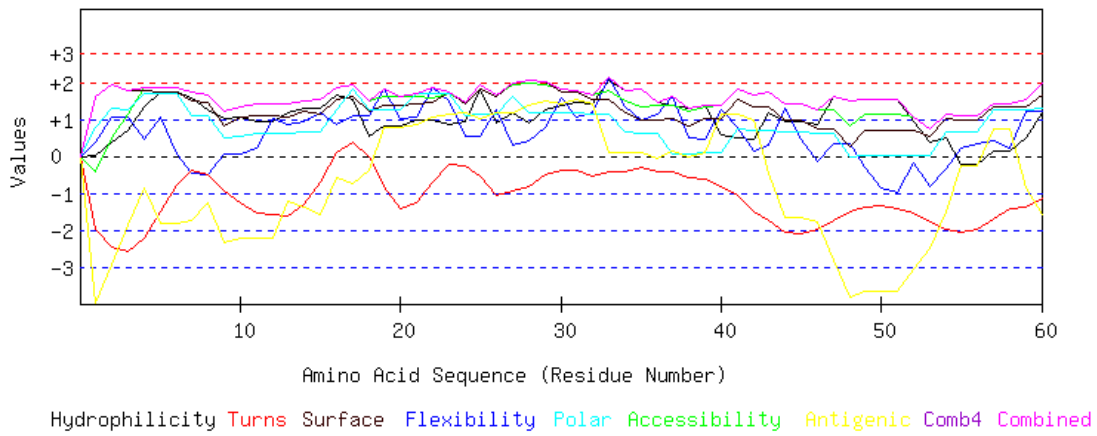
The server displays 1.[GRAPHICAL RESULT](#) 2.[TABULAR RESULT](#) 3.[Overlap Display](#)

seqname=
Seq= MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQE
AANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF

Length=100

GRAPHICAL RESULT

GRAPHICAL RESULT :: SEQ 1 to 60



21	I	0.996	1.050	1.608	-1.273	1.403	1.709	0.879	1.709	-1.273	0.910
22	S	0.996	1.866	1.589	-0.706	1.458	1.710	1.062	1.866	-0.706	1.139
23	G	0.863	1.501	1.711	-0.212	1.731	1.705	1.154	1.731	-0.212	1.208
24	D	0.926	0.550	1.477	-0.269	1.412	1.101	1.195	1.477	-0.269	0.913
25	L	1.812	0.550	1.945	-0.524	1.804	1.141	1.037	1.945	-0.524	1.109
26	K	0.895	1.245	1.655	-1.059	1.631	1.123	1.199	1.655	-1.059	0.955
27	T	1.167	0.317	1.935	-0.938	1.996	1.612	1.190	1.996	-0.938	1.040
28	Q	0.914	0.401	1.991	-0.838	2.050	1.165	1.362	2.050	-0.838	1.007
29	I	1.261	0.766	1.954	-0.490	2.032	1.162	1.516	2.032	-0.490	1.171
30	D	1.394	1.581	1.832	-0.400	1.759	1.166	1.424	1.832	-0.400	1.251
31	Q	1.476	1.042	1.786	-0.396	1.759	1.167	1.543	1.786	-0.396	1.197
32	V	1.426	1.179	1.655	-0.529	1.540	1.144	1.421	1.655	-0.529	1.119
33	E	2.064	2.130	1.795	-0.407	1.558	1.142	0.089	2.130	-0.407	1.196
34	S	1.793	1.351	1.515	-0.428	1.194	0.653	0.098	1.793	-0.428	0.882
35	T	1.824	0.986	1.337	-0.290	0.975	0.631	0.095	1.824	-0.290	0.794
36	A	1.476	1.123	1.375	-0.431	0.993	0.635	-0.059	1.476	-0.431	0.730
37	G	1.363	1.613	1.375	-0.422	1.002	0.078	0.131	1.613	-0.422	0.734
38	S	1.312	0.483	1.216	-0.581	0.802	0.058	-0.029	1.312	-0.581	0.466
39	L	1.363	0.441	1.346	-0.607	1.020	0.080	0.094	1.363	-0.607	0.534
40	Q	0.598	1.273	1.365	-0.822	1.039	0.105	1.126	1.365	-0.822	0.669
41	G	0.503	0.782	1.804	-1.067	1.558	0.730	1.125	1.804	-1.067	0.776
42	Q	0.452	0.155	1.646	-1.487	1.358	0.710	0.965	1.646	-1.487	0.543
43	W	1.167	0.291	1.730	-1.759	1.349	0.705	-0.480	1.730	-1.759	0.429
44	R	0.920	1.285	1.403	-2.053	0.975	0.662	-1.653	1.403	-2.053	0.220
45	G	0.920	0.471	1.403	-2.111	0.975	0.662	-1.653	1.403	-2.111	0.095
46	A	0.869	-0.156	1.272	-1.977	0.756	0.640	-1.776	1.272	-1.977	-0.053
47	A	1.634	0.335	1.253	-1.745	0.738	0.614	-2.808	1.634	-2.808	0.003
48	G	1.502	0.335	0.823	-1.508	0.264	-0.010	-3.817	1.502	-3.817	-0.344
49	T	1.521	-0.292	1.160	-1.365	0.683	0.032	-3.654	1.521	-3.654	-0.274
50	A	1.521	-0.879	1.160	-1.359	0.683	0.032	-3.654	1.521	-3.654	-0.357
51	A	1.521	-0.975	1.160	-1.428	0.683	0.032	-3.654	1.521	-3.654	-0.380
52	Q	0.926	-0.162	1.047	-1.554	0.720	0.034	-3.066	1.047	-3.066	-0.293
53	A	0.364	-0.827	0.730	-1.763	0.556	0.015	-2.518	0.730	-2.518	-0.492
54	A	0.496	-0.336	1.160	-1.997	1.030	0.640	-1.509	1.160	-1.997	-0.074
55	V	-0.218	0.239	1.094	-2.071	0.984	0.644	-0.247	1.094	-2.071	0.061
56	V	-0.218	0.335	1.094	-1.995	0.984	0.644	-0.247	1.094	-1.995	0.085
57	R	0.142	0.431	1.421	-1.698	1.349	1.244	0.736	1.421	-1.698	0.518
58	F	0.142	0.227	1.421	-1.425	1.349	1.244	0.736	1.421	-1.425	0.528
59	Q	0.509	1.233	1.543	-1.377	1.358	1.242	-0.862	1.543	-1.377	0.521
60	E	1.186	1.233	1.963	-1.121	1.677	1.281	-1.564	1.963	-1.564	0.665
61	A	1.280	1.489	1.982	-0.862	1.841	1.251	-1.498	1.982	-1.498	0.783
62	A	2.241	1.980	2.374	-0.267	2.260	1.289	-1.586	2.374	-1.586	1.185
63	N	2.222	2.555	2.496	-0.027	2.524	1.842	-1.684	2.555	-1.684	1.418
64	K	2.109	1.742	2.496	-0.060	2.533	1.285	-1.495	2.533	-1.495	1.230
65	Q	2.469	1.449	2.823	-0.658	2.898	1.884	-0.511	2.898	-0.658	1.479
66	K	1.755	1.533	2.739	-1.122	2.907	1.890	0.934	2.907	-1.122	1.519
67	Q	1.944	0.377	2.711	-1.399	2.916	2.338	1.038	2.916	-1.399	1.418
68	E	2.077	0.742	2.589	-1.220	2.643	2.343	0.947	2.643	-1.220	1.446
69	L	1.192	0.658	2.122	-1.103	2.251	2.302	1.105	2.302	-1.103	1.218
70	D	1.242	1.471	1.823	-0.852	1.768	1.728	1.200	1.823	-0.852	1.197
71	E	1.192	0.608	1.692	-0.790	1.549	1.705	1.077	1.705	-0.790	1.005
72	I	1.141	0.846	1.664	-0.220	1.494	1.146	0.991	1.664	-0.220	1.009
73	S	1.217	1.662	1.608	0.366	1.467	1.143	0.877	1.662	0.366	1.191
74	T	0.850	0.806	1.767	0.747	1.622	1.278	0.886	1.767	0.747	1.137
75	N	0.737	0.942	1.767	0.565	1.631	0.721	1.075	1.767	0.565	1.063
76	I	1.375	0.237	1.907	-0.146	1.649	0.719	-0.257	1.907	-0.257	0.784
77	R	1.325	1.052	1.748	-1.085	1.449	0.699	-0.416	1.748	-1.085	0.682
78	Q	0.762	-0.168	1.431	-1.511	1.285	0.681	0.132	1.431	-1.511	0.373
79	A	0.699	0.197	1.459	-1.714	1.349	0.683	0.408	1.459	-1.714	0.440
80	G	1.084	1.010	1.851	-1.541	1.604	0.700	0.419	1.851	-1.541	0.733
81	V	1.230	0.383	1.571	-1.132	1.285	0.096	0.579	1.571	-1.132	0.573
82	Q	1.116	1.018	1.674	-0.848	1.385	0.678	0.415	1.674	-0.848	0.777
83	Y	1.116	1.103	1.674	-0.537	1.385	0.678	0.415	1.674	-0.537	0.833
84	S	1.388	2.084	1.954	-0.388	1.750	1.167	0.406	2.084	-0.388	1.194
85	R	2.115	1.720	2.403	-0.456	2.123	1.765	-0.209	2.403	-0.456	1.351
86	A	2.229	1.397	2.403	-0.590	2.114	2.322	-0.399	2.403	-0.590	1.354
87	D	2.728	1.888	2.477	-0.649	2.251	2.345	-0.568	2.728	-0.649	1.496
88	E	2.697	1.349	2.655	-0.829	2.470	2.367	-0.564	2.697	-0.829	1.449
89	E	2.810	0.570	2.552	-0.843	2.369	1.785	-0.400	2.810	-0.843	1.263
90	Q	2.810	0.850	2.552	-0.791	2.369	1.785	-0.400	2.810	-0.791	1.311
91	Q	1.597	1.215	2.197	-0.899	2.060	1.302	0.044	2.197	-0.899	1.073
92	Q	1.514	1.215	2.019	-0.813	1.850	0.722	0.230	2.019	-0.813	0.963
93	A	1.432	0.610	1.842	-0.639	1.640	0.143	0.416	1.842	-0.639	0.778
94	L	1.432	1.237	1.842	-0.228	1.640	0.143	0.416	1.842	-0.228	0.926
95	S	0.787	1.267	1.505	0.175	1.312	0.117	0.198	1.505	0.117	0.766
96	S	0.768	0.666	1.169	0.214	0.893	0.075	0.035	1.169	0.035	0.546
97	Q	0.054	0.065	1.103	-0.247	0.847	0.079	1.296	1.296	-0.247	0.457
98	M	0.636	-0.172	0.730	-0.788	1.157	0.134	-0.149	1.157	-0.788	0.221
99	G	0.225	0.197	0.122	-1.071	1.321	0.174	-1.319	1.321	-1.319	-0.050
100	F	-0.186	-0.176	-0.485	-0.905	1.485	0.214	-2.489	1.485	-2.489	-0.363

[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	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF100</u>
Hydrophilicity	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF100</u>
Flexibility	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRAD</u> <u>EEQQALSSQMGF100</u>
Accessibility	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF100</u>
Turns	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF100</u>
Exposed Surface	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF100</u>
Polarity	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF100</u>
Antigenic Propensity	<u>1MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGF100</u>

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