

BcePred Prediction Server

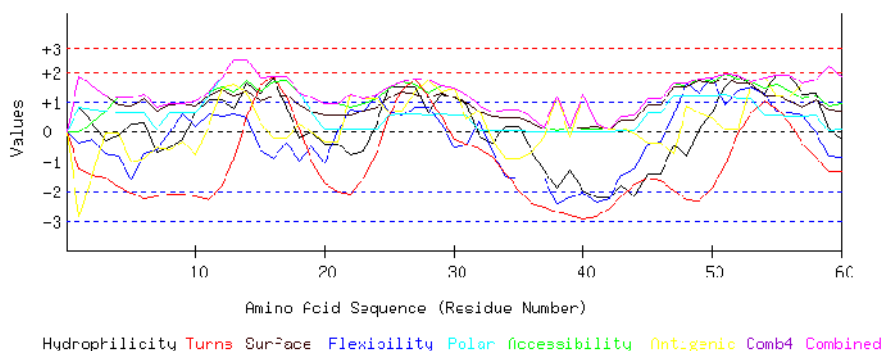
The server displays 1. [GRAPHICAL RESULT](#) 2. [TABULAR RESULT](#) 3. [Overlap Display](#)

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QAMELEEEHH

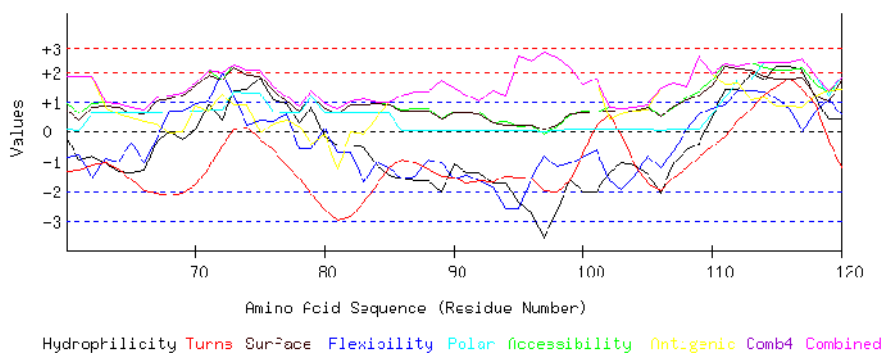
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GRAPHICAL RESULT

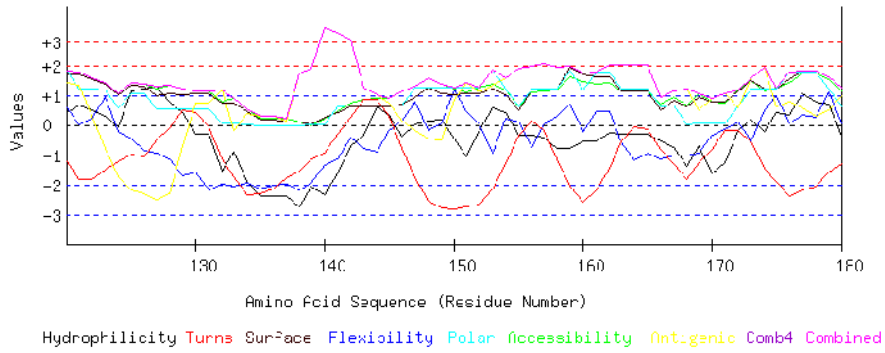
GRAPHICAL RESULT :: SEQ 1 to 60



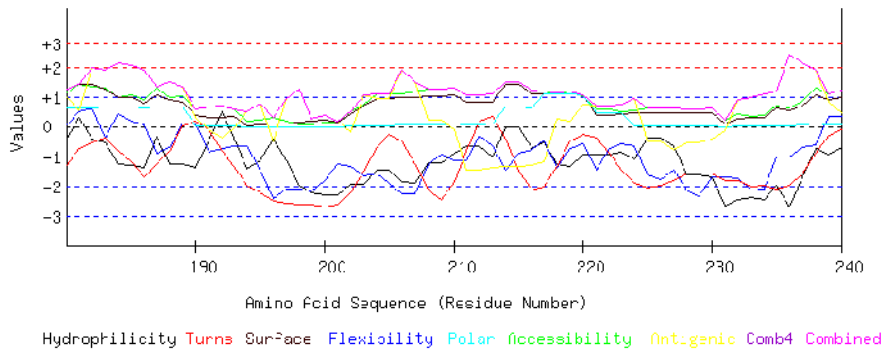
GRAPHICAL RESULT :: SEQ 61 to 120



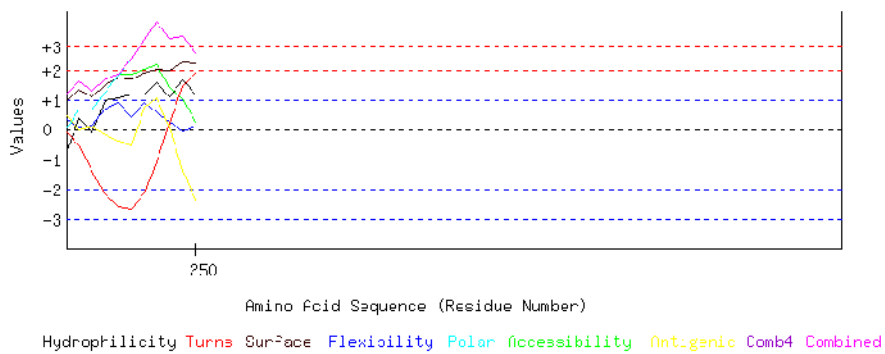
GRAPHICAL RESULT :: SEQ 121 to 180



GRAPHICAL RESULT :: SEQ 181 to 240



GRAPHICAL RESULT :: SEQ 241 to 300



179K	0.711	1.099	1.552	-1.600	1.604	1.206	0.501	1.604	-1.600	0.725
180P	-0.363	0.063	1.141	-1.306	1.248	0.612	0.962	1.248	-1.306	0.337
181I	0.281	0.517	1.412	-0.754	1.412	0.631	0.533	1.412	-0.754	0.576
182S	-0.433	0.638	1.328	-0.536	1.422	0.636	<u>1.978</u>	1.978	-0.536	0.719
183L	-0.528	-0.392	1.309	-0.398	1.257	0.666	<u>1.912</u>	1.912	-0.528	0.547
184S	-1.242	0.439	0.982	-0.838	0.993	0.653	<u>2.127</u>	2.127	-1.242	0.445
185L	-1.318	0.193	1.057	-1.178	0.966	0.655	<u>2.057</u>	2.057	-1.318	0.347
186R	-1.369	0.073	0.898	-1.712	0.765	0.635	1.897	1.897	-1.712	0.170
187L	-0.344	-0.915	1.281	-1.250	1.066	0.670	1.349	1.349	-1.250	0.265
188F	-1.261	-0.711	0.991	-0.801	0.893	0.652	1.511	1.511	-1.261	0.182
189G	-1.261	0.091	1.010	0.031	0.838	0.651	1.327	1.327	-1.261	0.384
190N	-1.394	0.091	0.580	0.177	0.364	0.026	0.318	0.580	-1.394	0.023
191I	-0.452	-0.843	0.655	-0.104	0.310	0.021	-0.117	0.655	-0.843	-0.076
192F	0.490	-0.723	0.711	-0.822	0.310	0.016	-0.368	0.711	-0.822	-0.055
193A	-0.376	-0.645	0.580	-1.350	0.337	0.018	-0.046	0.580	-1.350	-0.212
194G	-1.400	-0.645	0.197	-1.974	0.036	-0.017	0.502	0.502	-1.974	-0.472
195G	-1.128	-1.476	0.216	-2.209	0.045	-0.017	0.769	0.769	-2.209	-0.543
196I	-0.414	-2.428	0.281	-2.499	0.091	-0.021	-0.492	0.281	-2.499	-0.783
197L	-1.128	-2.103	0.197	-2.579	0.100	-0.016	0.953	0.953	-2.579	-0.654
198V	-1.995	-2.103	0.066	-2.611	0.127	-0.014	1.274	1.274	-2.611	-0.751
199A	-2.222	-2.181	0.075	-2.640	0.173	-0.014	0.264	0.264	-2.640	-0.935
200L	-2.298	-1.823	0.132	-2.698	0.200	-0.011	0.377	0.377	-2.698	-0.874
201I	-2.298	-1.260	0.150	-2.616	0.146	-0.012	0.193	0.193	-2.616	-0.814
202A	-1.931	-1.342	0.515	-2.234	0.428	0.006	-0.176	0.515	-2.234	-0.676
203L	-1.931	-1.666	0.758	-1.486	0.701	0.025	1.054	1.054	-1.931	-0.364
204F	-1.470	-1.576	1.094	-0.700	0.929	0.039	0.951	1.094	-1.576	-0.105
205P	-1.470	-1.905	1.094	-0.262	0.929	0.039	0.951	1.094	-1.905	-0.089
206P	-1.868	-2.264	1.085	-0.517	0.975	0.056	<u>1.906</u>	1.906	-2.264	-0.090
207Y	-1.919	-2.264	1.188	-1.259	0.984	0.076	1.494	1.494	-2.264	-0.243
208I	-1.204	-1.248	1.253	-2.133	1.030	0.071	0.232	1.253	-2.133	-0.285
209M	-1.204	-0.923	1.253	-2.478	1.030	0.071	0.232	1.253	-2.478	-0.288
210W	-0.894	-1.133	1.309	-1.864	1.066	0.093	-0.101	1.309	-1.864	-0.218
211A	-0.642	-1.133	1.057	-0.820	0.829	0.074	-1.443	1.057	-1.443	-0.297
212P	-0.642	-0.302	1.057	0.176	0.829	0.074	-1.443	1.057	-1.443	-0.036
213N	-1.008	-0.661	1.085	0.331	0.802	0.082	-1.365	1.085	-1.365	-0.105
214A	-0.016	-1.444	1.515	-0.418	1.422	0.651	-1.323	1.515	-1.444	0.055
215I	-0.016	-0.905	1.515	-1.514	1.422	0.651	-1.323	1.515	-1.514	-0.024
216W	-0.730	-0.785	1.206	-2.146	1.103	0.636	-1.291	1.206	-2.146	-0.287
217K	-0.540	-0.456	1.178	-2.029	1.112	1.085	-1.187	1.178	-2.029	-0.120
218A	-1.255	-1.384	1.094	-1.335	1.121	1.090	0.258	1.121	-1.384	-0.059
219F	-1.331	-0.757	1.169	-0.518	1.093	1.092	0.187	1.169	-1.331	0.134
220D	-0.932	-0.583	1.029	-0.248	1.066	1.069	0.754	1.069	-0.932	0.308
221L	-0.932	-1.446	0.571	-0.387	0.382	0.474	0.689	0.689	-1.446	-0.093
222F	-0.932	-0.751	0.571	-0.900	0.382	0.474	0.689	0.689	-0.932	-0.067
223V	-0.857	-0.576	0.496	-1.460	0.410	0.472	0.760	0.760	-1.460	-0.108
224G	-1.109	-0.655	0.552	-1.902	0.465	0.025	0.932	0.932	-1.902	-0.242
225A	-0.395	-1.606	0.636	-2.044	0.455	0.020	-0.513	0.636	-2.044	-0.492
226I	-0.395	-1.781	0.636	-1.963	0.455	0.020	-0.513	0.636	-1.963	-0.506
227Q	-0.667	-1.456	0.618	-1.819	0.446	0.020	-0.780	0.618	-1.819	-0.520
228A	-1.609	-2.151	0.561	-1.566	0.446	0.024	-0.529	0.561	-2.151	-0.689
229F	-1.609	-2.356	0.561	-1.564	0.446	0.024	-0.529	0.561	-2.356	-0.718
230I	-1.685	-1.690	0.618	-1.567	0.474	0.028	-0.416	0.618	-1.690	-0.606
231F	-2.646	-1.690	0.206	-1.805	0.109	-0.009	-0.144	0.206	-2.646	-0.854
232A	-2.450	-1.721	0.403	-1.819	0.264	0.011	0.906	0.906	-2.450	-0.629
233L	-2.374	-2.127	0.328	-2.015	0.291	0.008	0.977	0.977	-2.374	-0.702
234L	-2.450	-2.097	0.384	-1.992	0.319	0.012	1.090	1.090	-2.450	-0.676
235T	-1.988	-1.037	0.702	-2.090	0.601	0.027	1.171	1.171	-2.090	-0.373
236I	-2.703	-1.037	0.636	-1.995	0.556	0.031	<u>2.432</u>	2.432	-2.703	-0.297
237L	-1.710	-0.713	0.870	-1.599	0.701	0.046	<u>2.157</u>	2.157	-1.710	-0.035
238Y	-0.749	-0.623	1.281	-0.908	1.066	0.083	1.886	1.886	-0.908	0.291
239F	-0.945	0.359	1.085	-0.295	0.911	0.063	0.835	1.085	-0.945	0.287
240S	-0.705	0.329	1.216	-0.092	0.975	0.078	0.458	1.216	-0.705	0.323
241Q	0.370	0.049	1.627	-0.544	1.330	0.673	-0.003	1.627	-0.544	0.500
242A	-0.092	0.133	1.290	-1.424	1.103	0.659	0.099	1.290	-1.424	0.253
243M	0.983	0.708	1.683	-2.166	1.513	1.254	-0.178	1.683	-2.166	0.542
244E	1.065	0.912	1.860	-2.599	1.722	<u>1.834</u>	-0.364	1.860	-2.599	0.633
245L	1.179	0.427	1.860	-2.640	1.713	<u>2.391</u>	-0.554	2.391	-2.640	0.625
246E	1.179	0.886	<u>2.019</u>	-2.134	1.886	<u>3.011</u>	0.724	3.011	-2.134	1.082
247E	1.578	0.566	<u>2.188</u>	-1.097	2.014	<u>3.613</u>	1.046	3.613	-1.097	1.415
248E	1.084	0.245	1.403	0.239	1.968	<u>3.074</u>	0.062	3.074	0.062	1.154
249H	1.666	-0.076	1.029	1.451	2.278	<u>3.128</u>	-1.383	3.128	-1.383	1.156
250H	1.173	0.089	0.244	1.884	2.233	<u>2.589</u>	-2.366	2.589	-2.366	0.835

[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>¹MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDPVGGVQLFFFAITIQMRNQVESAI</u> GMR ¹ IAPFVLP ¹ LAVTIFV ¹ FILISNWLAVLPVQYTDK ¹ HGHTTE ¹ LLK ¹ SAAADIN ¹ YVL ¹
Hydrophilicity	<u>¹MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDPVGGVQLFFFAITIQMRNQVESAI</u> GMR ¹ IAPFVLP ¹ LAVTIFV ¹ FILISNWLAVLPVQYTDK ¹ HGHTTE ¹ LLK ¹ SAAADIN ¹ YVL ¹
Flexibility	<u>¹MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDPVGGVQLFFFAITIQMRNQVESAI</u> GMR ¹ IAPFVLP ¹ LAVTIFV ¹ FILISNWLAVLPVQYTDK ¹ HGHTTE ¹ LLK ¹ SAAADIN ¹ YVL ¹
Accessibility	<u>¹MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDPVGGVQLFFFAITIQMRNQVESAI</u> GMR ¹ IAPFVLP ¹ LAVTIFV ¹ FILISNWLAVLPVQYTDK ¹ HGHTTE ¹ LLK ¹ SAAADIN ¹ YVL ¹
Turns	<u>¹MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDPVGGVQLFFFAITIQMRNQVESAI</u> GMR ¹ IAPFVLP ¹ LAVTIFV ¹ FILISNWLAVLPVQYTDK ¹ HGHTTE ¹ LLK ¹ SAAADIN ¹ YVL ¹

Exposed Surface	¹ MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDVPGGVQLFFEAITIQMRNQVESAI GMRIAPFVLP LAVTIFV F I L I S N W L A V L P V Q Y T D K H G H T T E L L K S A A A D I N Y V L I
Polarity	¹ MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDVPGGVQLFFEAITIQMRNQVESAI GMRIAPFVLP LAVTIFV F I L I S N W L A V L P V Q Y T D K H G H T T E L L K S A A A D I N Y V L I
Antigenic Propensity	¹ MTETILAAQIEVGEHHTATWLGMTVNTDTVLSTAIAGLIVIALAFYLRAKVTSTDVPGGVQLFFEAITIQMRNQVESAI GMRIAPFVLP LAVTIFV F I L I S N W L A V L P V Q Y T D K H G H T T E L L K S A A A D I N Y V L I

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