

BcePred Prediction Server

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

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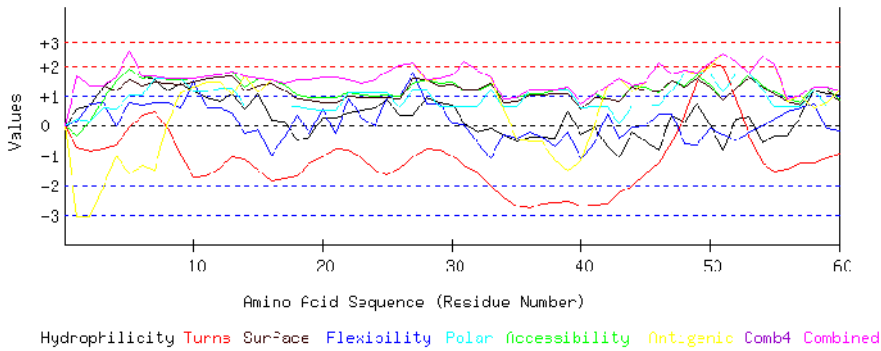
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Seq= VTQAADTDIRVGPPEMVLITIDGVEISVPKGTLVIRAAELMGIQIPFCDDHPLLEPVGAC
RQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGVMELLLINHPLDCPMCDK
GGECPLQNQAMSNRGRDTSRFTEAKRTFAKPINISAQVLLDRERCILCARCTRFSDQIAGD
PFIDMQERGALQQVGIYADEFESYFSGNTVQICPVGALGTAYRFRARPFDLVSSPSVC
EHCASGCAQRDHRRGKVLRRLAGDDPEVNEEWNCDKGRWAFTYATQPDVITPLIRDGG
DPKGALVPTSWSHAMAVAAQGLAAARGRTGVLVGGRTVWEDAYAYAKFARITLGTNDIDF
RARPHSAEEDFLAARIAGRHMAVSADLESAPVVLLVGFPEDESPIVFLRLRKAARRH
RVPVYTIAPFATGGLHKMSGRLIKTVPGGEPALDDLATGAVGDLLATPGAVIIVGERLA
TVPGGLSAAARLADTTGARLAWVPRRAGERGALEAGALPTLLPGGRPLADEVARAQVCAA
WHIAELPAAAGRADADGILAAAADETLAALLVGGIEPADFADPDVLAALDATGFVVSLEL
RHSTVTERADVFPVAPTQKAGAFVNWEGRYRTFEPALRGSTLQAGQSDHRVLDALADD
MGVHLGVPTVEAAREELAALGIWDGKHAAGPHIAATGPTQPEAGEAILTGWRMLLDEGRL
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LNSAGSTVHRQLRVITIGSIVKIGAGS

```

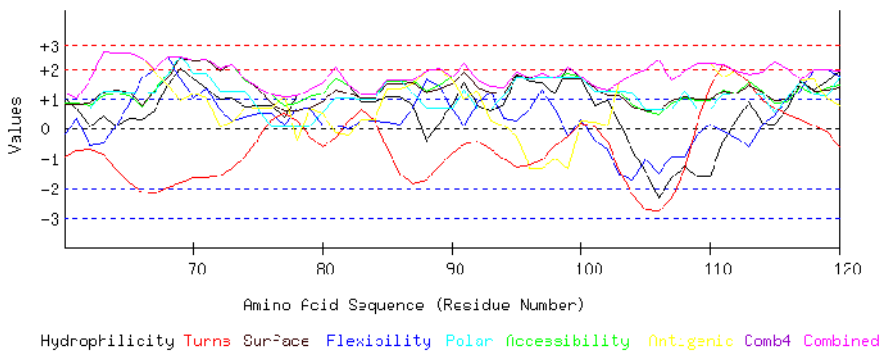
Length=806

GRAPHICAL RESULT

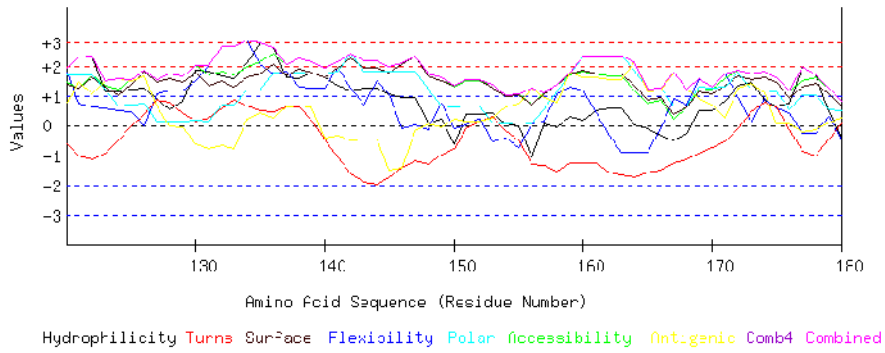
GRAPHICAL RESULT :: SEQ 1 to 60



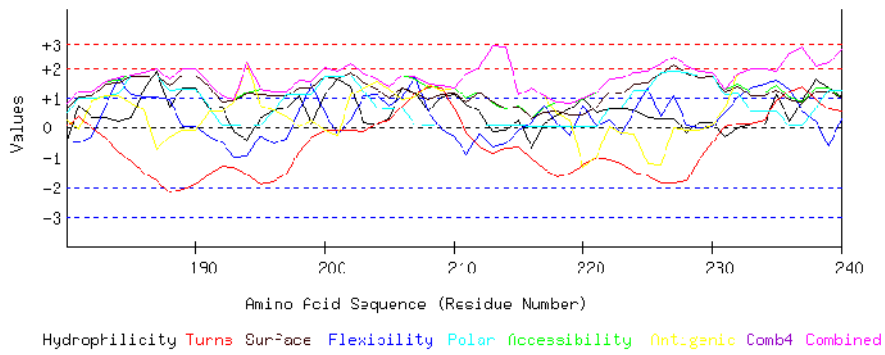
GRAPHICAL RESULT :: SEQ 61 to 120



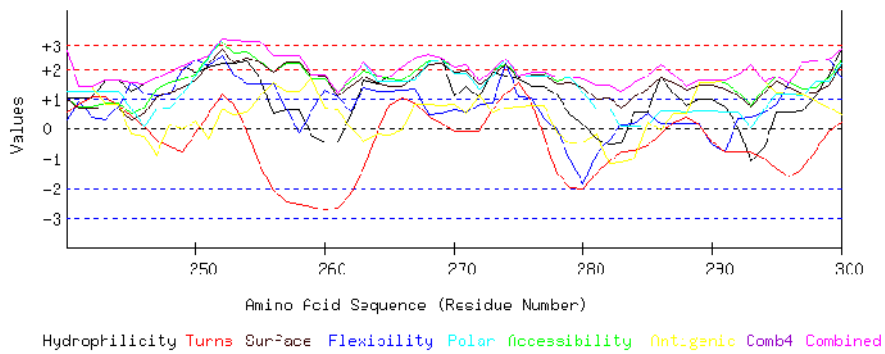
GRAPHICAL RESULT :: SEQ 121 to 180



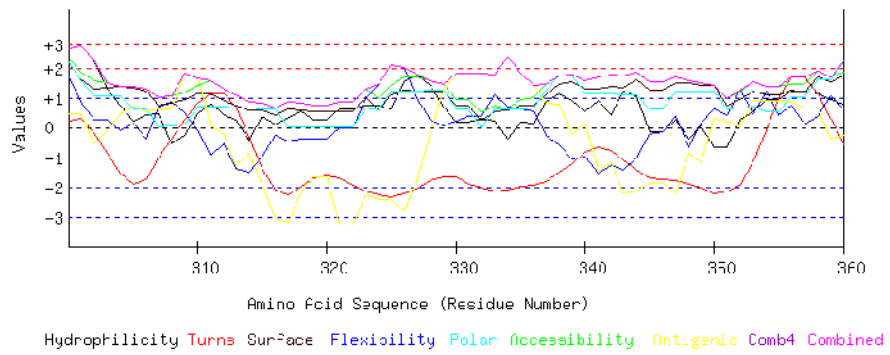
GRAPHICAL RESULT :: SEQ 181 to 240



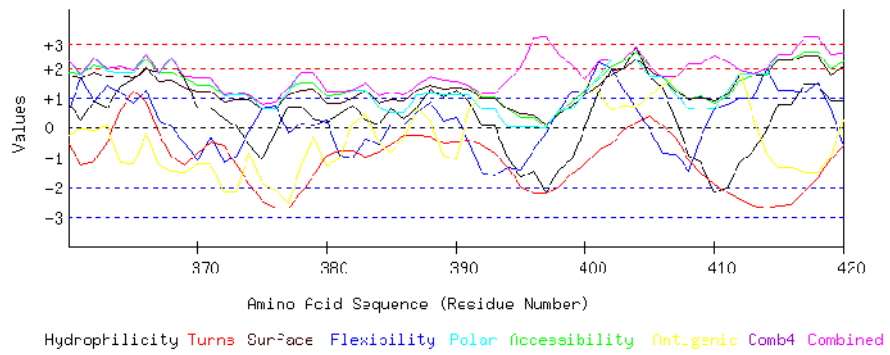
GRAPHICAL RESULT :: SEQ 241 to 300



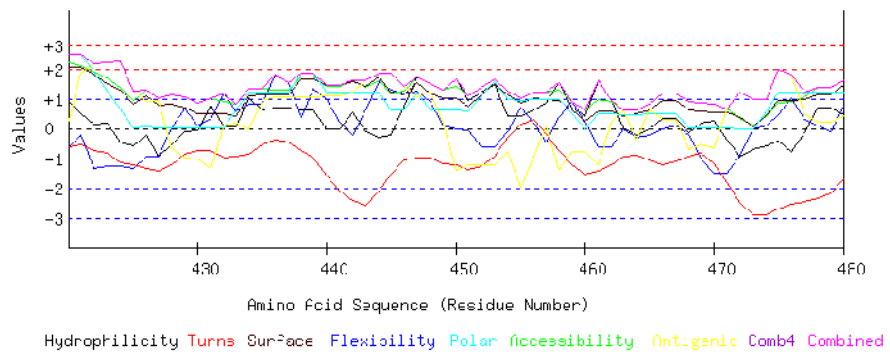
GRAPHICAL RESULT :: SEQ 301 to 360



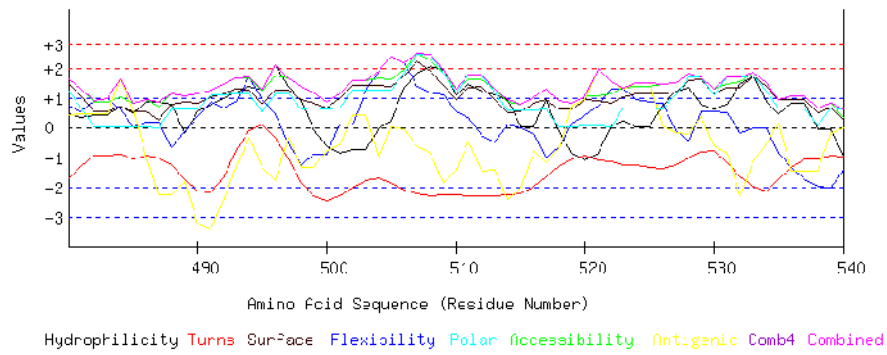
GRAPHICAL RESULT :: SEQ 361 to 420



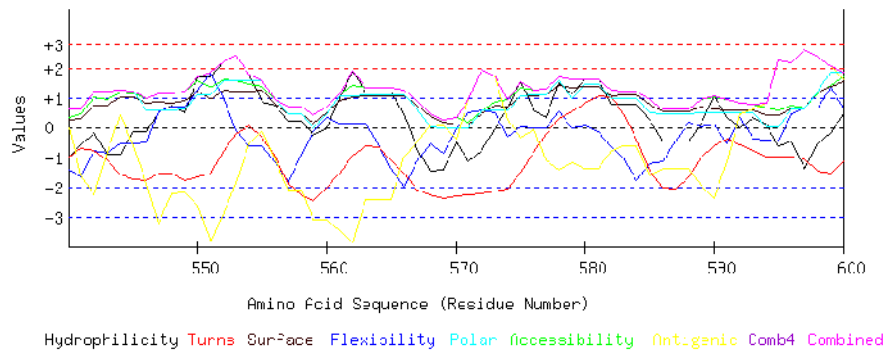
GRAPHICAL RESULT :: SEQ 421 to 480



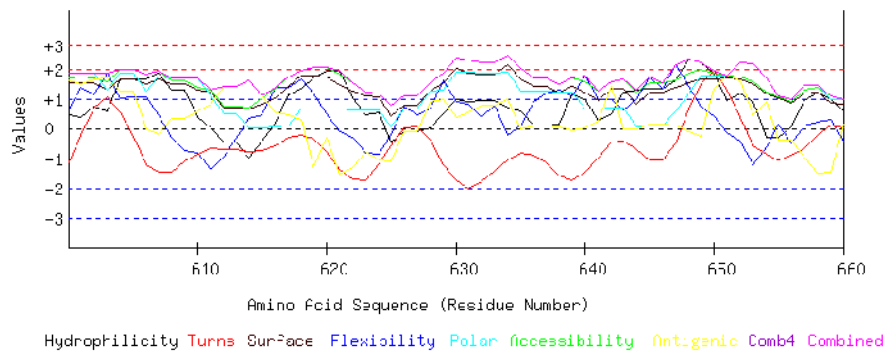
GRAPHICAL RESULT :: SEQ 481 to 540



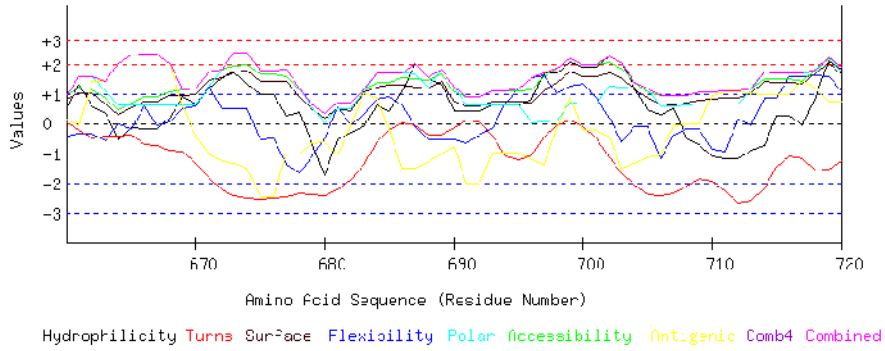
GRAPHICAL RESULT :: SEQ 541 to 600



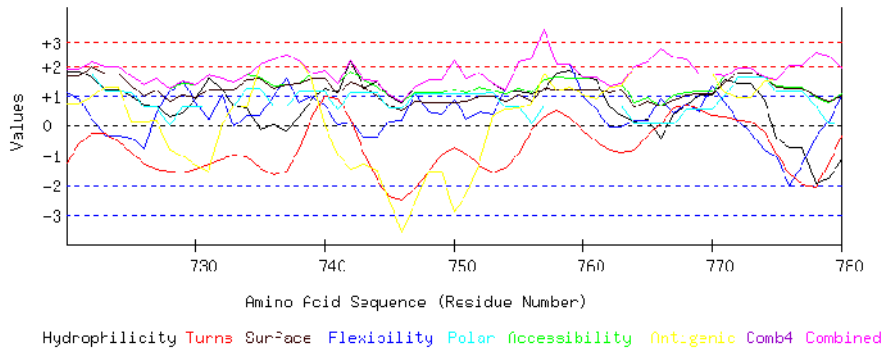
GRAPHICAL RESULT :: SEQ 601 to 660



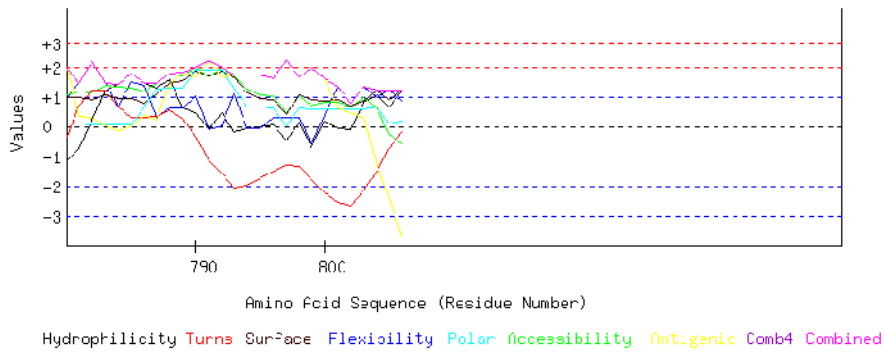
GRAPHICAL RESULT :: SEQ 661 to 720



GRAPHICAL RESULT :: SEQ 721 to 780



GRAPHICAL RESULT :: SEQ 781 to 840



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

VTQAADTDIRVGPQEMVTLTIDGVEISVPKGTLVIRAAELMGIQIPRFRCDHPLLEPVGAC
RQCLVEVEGQRKPLASCCTTVATDDMVVRTQLTSEIADKAQHGVMELLINHLDCPMCDK
GGECPLQNQAMSNRSDSRFTEAKRTFAKPINISAVQLLDRERCILCARCTRFSQIAGD
FFIDMQRERLQOVGIIYADEPFFESYFSGNTVQICPVGALGTAYRFRARPFDDLVSSPSVC
EHCASGCQRDTHRGGKVLRRLAGDDPEVNEEWNCDKGRWAFYATQPDVITPLIRDGG
DPKGALVPTSWSHAMAVAAQGLAAARGRTGVLVGGRVWEDAYAYAKFARI TLGNTDIDF
RARPHSAEEDFLAARIAGRHMAVSADLESAFVVLLVGFPEDESPVFLRLRKAARRH
RVPVYTIAPFATGGLHKMSGRLIKTVPGGEPALDDLATGAVGDLATPGAVIIIVGERLA
TVPGGLSAAARLADTTGARLAWVFRAGERGALEAGALPTLLPGRPLADEVARAQVCA
WHIAELPAAAGRADADGILAAAADETLAAALLVGGIEPADFDPPDAVLAALDATGFVVSLEL
RHSVTVTERADVFPVAPTQTQKAGAFVNWEGRYRTFEPALRGSTLQAGQSDHRVLDALADD
MGVHLGVPTVEAAREELAALGIWDGKHAAGPHIAATGFTQPEAGEAILTGWRMLLDEGR
LDGEPLYAGTARTPVVRLSPDTAAEIGAADGEAVTVSIRGSITLPCSVTDMFDVWVLP
LNSAGSTVHRQLRVTIGSIVKIGAGS

Length=806

A.A. ppp Parameter ppppppppppppppppppppppppppppppppppppp Combined

Table with 11 columns: Program, Hydro, Flexi, Access, Turns, Surface, Polar, AntiPro, MAX, MIN, AVG. Contains 62 rows of data for programs V, T, Q, A, and C.

| | | | | | | | | | | |
|------|--------|--------|--------|--------|-------|-------|--------------|-------|--------|--------|
| 799I | -0.698 | -0.560 | 0.692 | -1.767 | 0.884 | 0.592 | <u>1.961</u> | 1.961 | -1.767 | 0.157 |
| 800V | 0.168 | 0.391 | 0.823 | -2.216 | 0.856 | 0.590 | 1.639 | 1.639 | -2.216 | 0.322 |
| 801K | -0.060 | 1.343 | 0.832 | -2.545 | 0.902 | 0.590 | 0.629 | 1.343 | -2.545 | 0.242 |
| 802I | -0.111 | 0.766 | 0.674 | -2.650 | 0.701 | 0.570 | 0.469 | 0.766 | -2.650 | 0.060 |
| 803G | 0.806 | 1.345 | 0.963 | -2.128 | 0.875 | 0.588 | 0.308 | 1.345 | -2.128 | 0.394 |
| 804A | 1.040 | 0.972 | 0.627 | -1.492 | 1.203 | 0.646 | -1.291 | 1.203 | -1.492 | 0.244 |
| 805G | 0.680 | 1.227 | -0.280 | -0.739 | 0.884 | 0.112 | -2.366 | 1.227 | -2.366 | -0.069 |
| 806S | 1.186 | 0.854 | -0.597 | -0.168 | 1.221 | 0.170 | -3.698 | 1.221 | -3.698 | -0.148 |

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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>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |
| Hydrophilicity | <u>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |
| Flexibility | <u>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |
| Accessibility | <u>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |
| Turns | <u>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |
| Exposed Surface | <u>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |
| Polarity | <u>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |
| Antigenic Propensity | <u>¹VTQAADTDIRVGQPEMVTLTIDGVEISVPKGLTVIRAAELMGIQIPRFCDHPLLEPVGACRQCLVEVEGQRKPLASCTTVATDDMVVRTQLTSEIADKAQHGMELLLINHPLDCPMCDKGGECPLQNQAMSNC</u> |

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