# IEDB Analysis Resource

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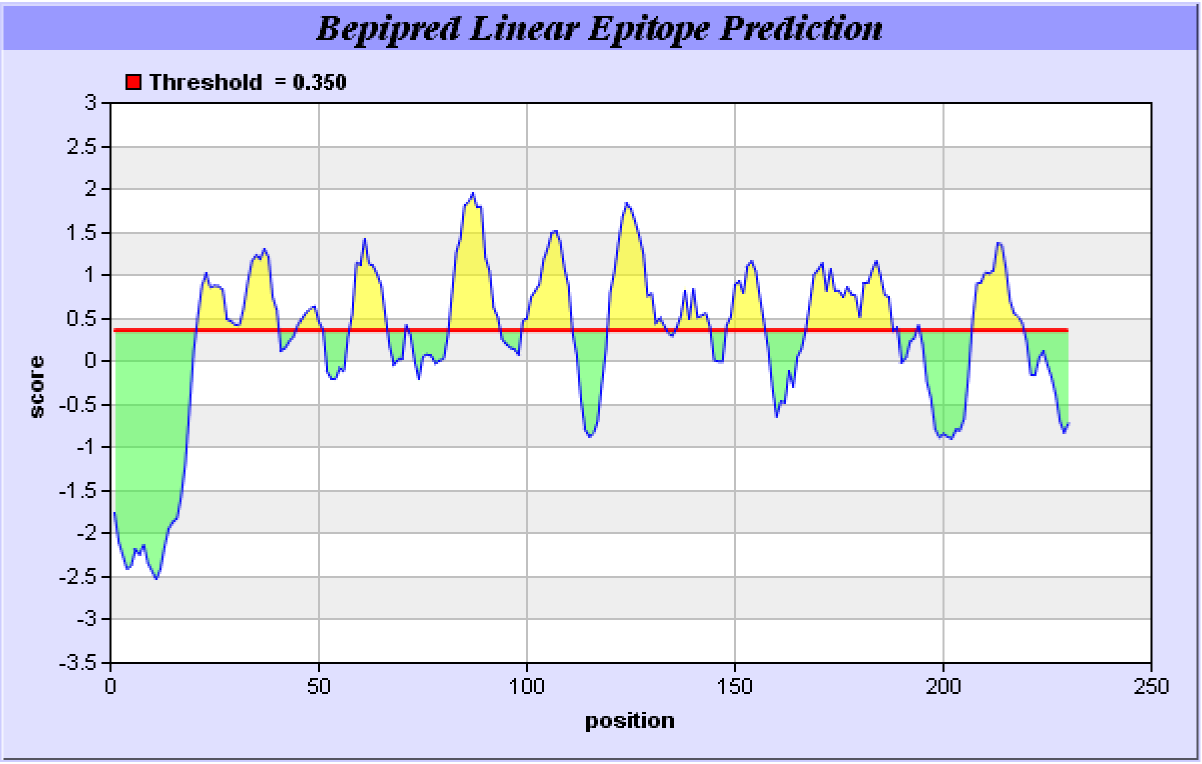
Sequence:

```
  1 VRIKIFMLVT AVVLLCCSGV ATAAPKTYCE ELKGTDTGQA CQIQMSDPAY NINISLPSYY
 61 PDQKSLENYI AQTRDKFLSA ATSSTPREAP YELNITSATY QSAIPPRGTQ AVVLKVYQNA
121 GGTHPTTTYK AFDWDQAYRK PITYDTLWQA DTDPLPVVFP IVQGELSKQT GQQVSIAPNA
181 GLDPVNYQNF AVTNDGVIFF FNPGELLPEA AGPTQVLVPR SAIDSMLA
```



Average:0.3 Minimum:-2.532 Maximum:1.951 Threshold: 0.350 Change

Click here to view plotted values in table format

Predicted epitopes:

| No. | Start Position | End Position | Peptide | Peptide Length |
|---|---|---|---|---|
| 1 | 21 | 40 | ATAAPKTYCEELKGTDTGQA | 20 |
| 2 | 45 | 51 | MSDPAYN | 7 |
| 3 | 58 | 66 | SYYPDQKSL | 9 |

| | | | | |
|---|---|---|---|---|
| 4 | 71 | 71 | A | 1 |
| 5 | 82 | 93 | TSSTPREAPYEL | 12 |
| 6 | 99 | 110 | TYQSAIPPRGTQ | 12 |
| 7 | 120 | 133 | AGGTHPTTTYKAFD | 14 |
| 8 | 136 | 144 | QAYRKPITY | 9 |
| 9 | 148 | 157 | WQADTDPLPV | 10 |
| 10 | 167 | 189 | SKQTGQQVSIAPNAGLDPVNYQN | 23 |
| 11 | 194 | 194 | N | 1 |
| 12 | 207 | 219 | LPEAAGPTQVLVP | 13 |

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Reference: Jens Erik Pontoppidan Larsen, Ole Lund and Morten Nielsen. Improved method for predicting linear B-cell epitopes. Immunome Res. 2006; 2: 2.