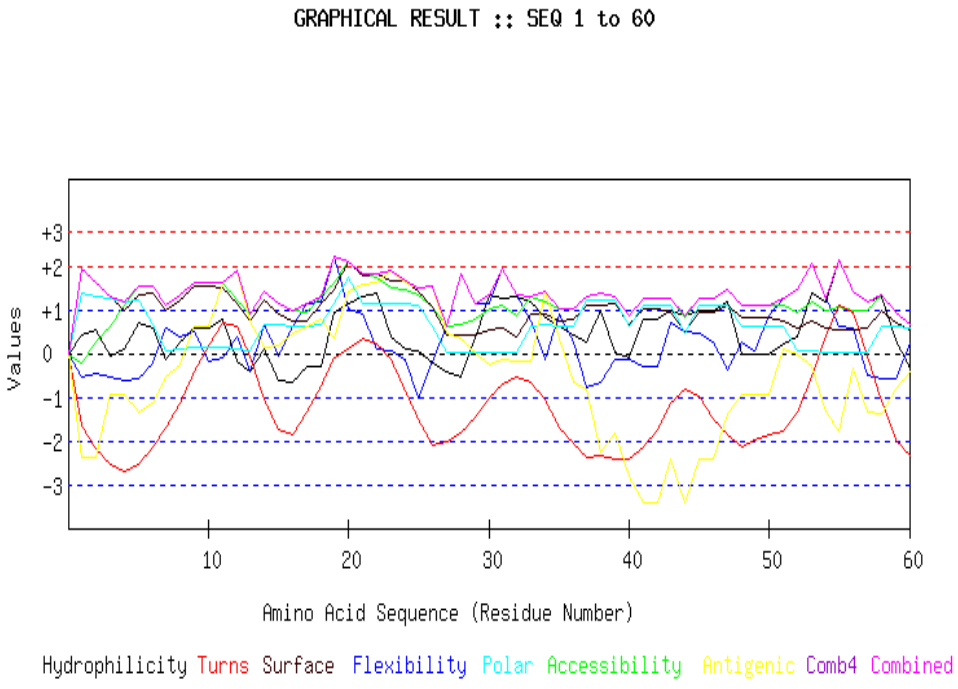
BcePred Prediction Server

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

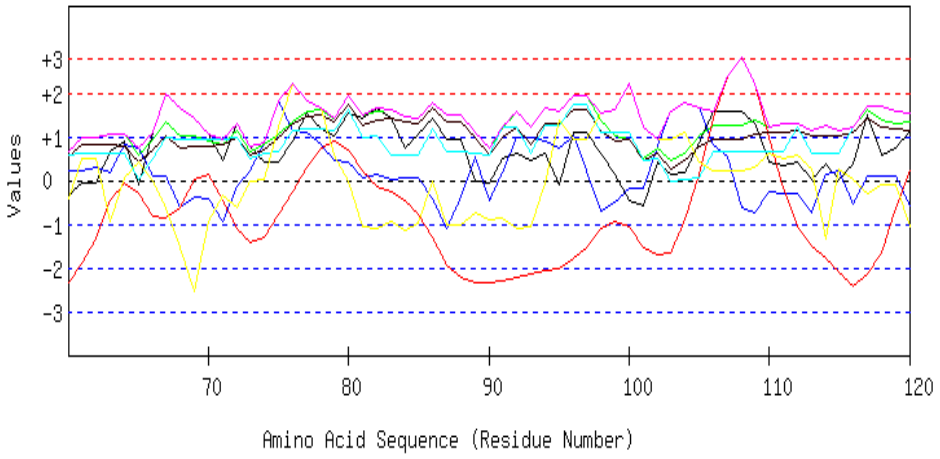
seqname=
Seq=VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVNGAGIDDAA
VVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDANVRGAWLVCRAAGRVLLE
QGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWGGHGIRVNALAPTVFRSAVTEWMFTDDPK
GRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSFYTGQVMYLDGGYTAC

Length=270

**GRAPHICAL RESULT**

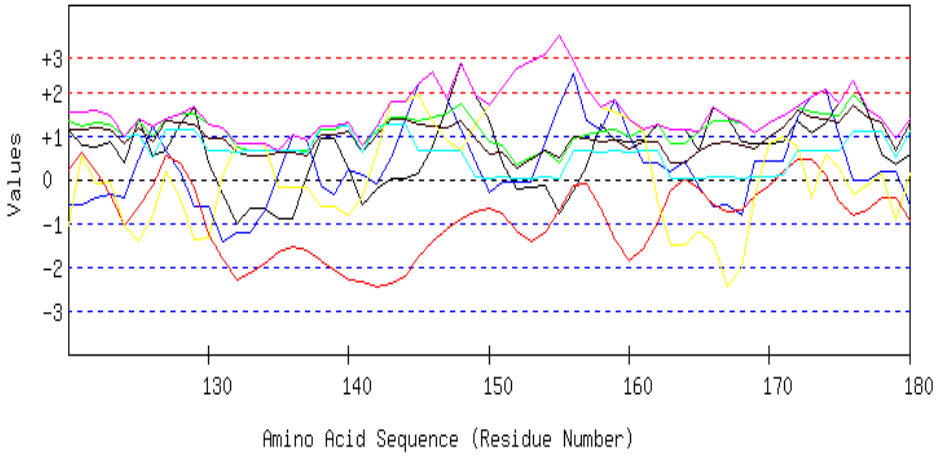


GRAPHICAL RESULT :: SEQ 61 to 120



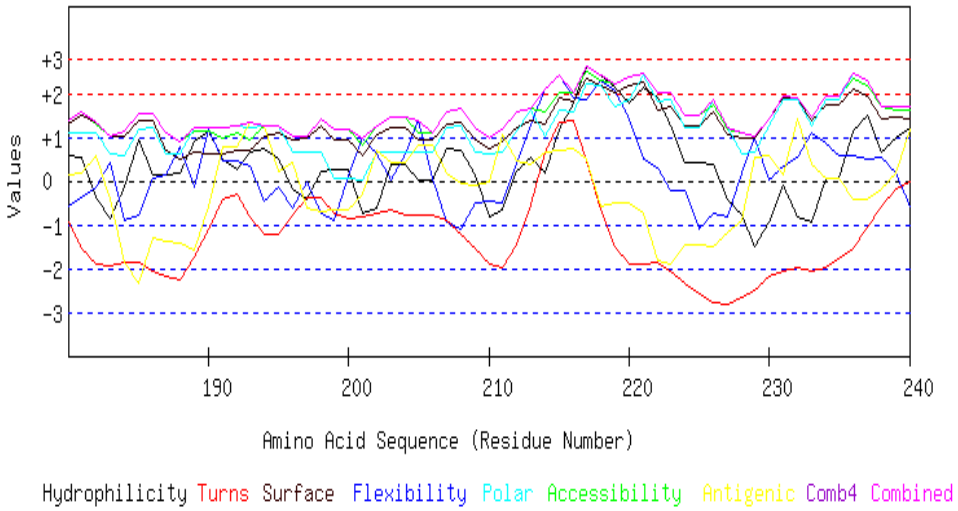

Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 121 to 180

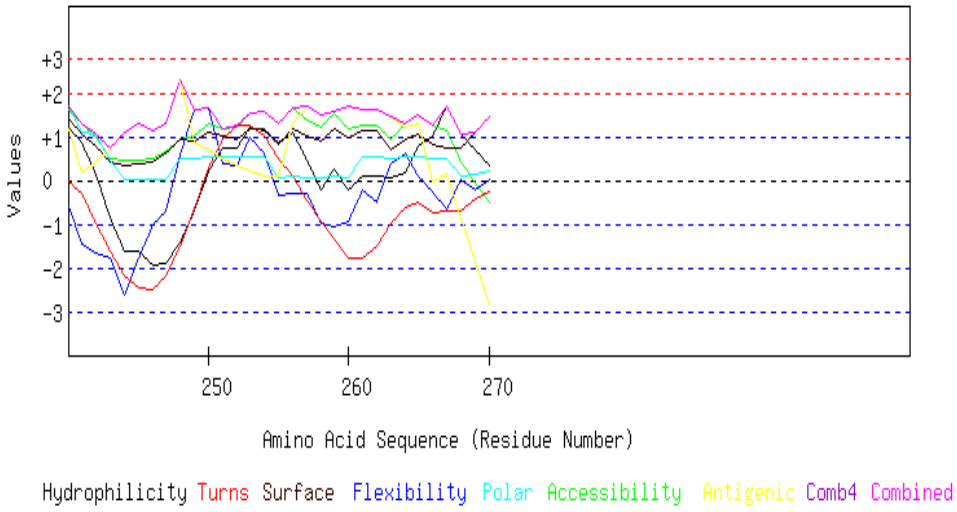



Hydrophilicity Turns Surface Flexibility Polar Accessibility Antigenic Comb4 Combined

GRAPHICAL RESULT :: SEQ 181 to 240



GRAPHICAL RESULT :: SEQ 241 to 300




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**

**VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLA**
**ELVNGAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVED**
**FDAVMDANVRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDL**
**LAKTLAAEWGGHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPED**
**FVGALIYLLSDASSFYTGQVMYLDGGYTAC**

**Length=270**

| A.A. | Parameter | | | | | | | Combined | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Hydro | Flexi | Access | Turns | Surface | Polar | AntiPro | MAX | MIN | AVG |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | V | 0.408 | -0.538 | -0.205 | -1.675 | 1.923 | 1.368 | -2.368 | 1.923 | -2.368 | -0.155 |
| 2 | E | 0.541 | -0.442 | 0.253 | -2.184 | 1.604 | 1.308 | -2.368 | 1.604 | -2.368 | -0.184 |
| 3 | E | -0.041 | -0.526 | 0.627 | -2.557 | 1.294 | 1.253 | -0.923 | 1.294 | -2.557 | -0.125 |
| 4 | M | 0.092 | -0.611 | 1.085 | -2.701 | 0.975 | 1.193 | -0.923 | 1.193 | -2.701 | -0.127 |
| 5 | A | 0.705 | -0.593 | 1.533 | -2.534 | 1.358 | 1.234 | -1.348 | 1.533 | -2.534 | 0.051 |
| 6 | L | 0.591 | -0.234 | 1.533 | -2.133 | 1.367 | 0.677 | -1.158 | 1.533 | -2.133 | 0.092 |
| 7 | A | -0.136 | 0.580 | 1.085 | -1.689 | 0.993 | 0.079 | -0.543 | 1.085 | -1.689 | 0.053 |
| 8 | Q | 0.263 | 0.375 | 1.337 | -1.141 | 1.221 | 0.081 | -0.268 | 1.337 | -1.141 | 0.267 |
| 9 | Q | 0.572 | 0.511 | 1.636 | -0.430 | 1.531 | 0.121 | 0.629 | 1.636 | -0.430 | 0.653 |
| 10 | V | 0.572 | -0.184 | 1.636 | 0.171 | 1.531 | 0.121 | 0.629 | 1.636 | -0.184 | 0.639 |
| 11 | P | 0.800 | -0.088 | 1.627 | 0.718 | 1.485 | 0.121 | 1.639 | 1.639 | -0.088 | 0.900 |
| 12 | N | -0.161 | 0.367 | 1.216 | 0.621 | 1.121 | 0.084 | 1.911 | 1.911 | -0.161 | 0.737 |
| 13 | L | -0.408 | -0.416 | 0.889 | -0.054 | 0.747 | 0.042 | 0.738 | 0.889 | -0.416 | 0.220 |
| 14 | G | 0.092 | 0.644 | 1.440 | -1.069 | 1.230 | 0.665 | 0.148 | 1.440 | -1.069 | 0.450 |
| 15 | L | -0.623 | -0.080 | 1.132 | -1.736 | 0.911 | 0.650 | 0.179 | 1.132 | -1.736 | 0.062 |
| 16 | A | -0.654 | 0.616 | 0.982 | -1.868 | 0.756 | 0.630 | 0.452 | 0.982 | -1.868 | 0.130 |
| 17 | R | -0.307 | 1.155 | 0.945 | -1.355 | 0.738 | 0.626 | 0.606 | 1.155 | -1.355 | 0.344 |
| 18 | F | -0.288 | 1.173 | 1.281 | -0.723 | 1.157 | 0.668 | 0.769 | 1.281 | -0.723 | 0.577 |
| 19 | S | 0.926 | 2.203 | 1.636 | -0.107 | 1.467 | 1.152 | 0.325 | 2.203 | -0.107 | 1.086 |
| 20 | V | 1.154 | 1.022 | 2.085 | 0.102 | 2.105 | 1.746 | 1.400 | 2.105 | 0.102 | 1.373 |
| 21 | Q | 1.299 | 0.914 | 1.804 | 0.357 | 1.786 | 1.142 | 1.561 | 1.804 | 0.357 | 1.266 |
| 22 | D | 1.375 | 0.099 | 1.730 | 0.214 | 1.813 | 1.139 | 1.631 | 1.813 | 0.099 | 1.143 |
| 23 | K | 0.383 | 0.051 | 1.496 | -0.139 | 1.668 | 1.125 | 1.906 | 1.906 | -0.139 | 0.927 |
| 24 | S | 0.111 | -0.154 | 1.477 | -0.845 | 1.658 | 1.125 | 1.639 | 1.658 | -0.845 | 0.716 |
| 25 | I | 0.060 | -1.009 | 1.346 | -1.502 | 1.440 | 1.102 | 1.517 | 1.517 | -1.502 | 0.422 |
| 26 | L | -0.212 | -0.194 | 1.066 | -2.108 | 1.075 | 0.613 | 1.526 | 1.526 | -2.108 | 0.253 |
| 27 | I | -0.439 | 0.638 | 0.618 | -2.038 | 0.437 | 0.019 | 0.451 | 0.638 | -2.038 | -0.045 |
| 28 | T | -0.521 | 1.818 | 0.664 | -1.837 | 0.437 | 0.019 | 0.332 | 1.818 | -1.837 | 0.130 |
| 29 | G | 0.345 | 1.123 | 0.795 | -1.441 | 0.410 | 0.017 | 0.010 | 1.123 | -1.441 | 0.180 |
| 30 | A | 1.337 | 1.123 | 1.029 | -1.022 | 0.556 | 0.032 | -0.265 | 1.337 | -1.022 | 0.398 |
| 31 | T | 1.261 | 1.936 | 1.085 | -0.719 | 0.583 | 0.035 | -0.151 | 1.936 | -0.719 | 0.576 |
| 32 | G | 1.293 | 1.349 | 0.879 | -0.526 | 0.382 | 0.015 | -0.192 | 1.349 | -0.526 | 0.457 |
| 33 | S | 1.198 | 0.722 | 1.318 | -0.676 | 0.902 | 0.640 | -0.193 | 1.318 | -0.676 | 0.559 |
| 34 | L | 0.832 | -0.134 | 1.197 | -1.066 | 0.893 | 0.641 | 1.406 | 1.406 | -1.066 | 0.538 |
| 35 | G | 0.636 | 0.884 | 1.001 | -1.700 | 0.738 | 0.622 | 0.355 | 1.001 | -1.700 | 0.362 |
| 36 | R | 0.408 | 0.257 | 1.010 | -2.059 | 0.784 | 0.622 | -0.655 | 1.010 | -2.059 | 0.052 |
| 37 | V | 0.263 | -0.761 | 1.290 | -2.362 | 1.103 | 1.226 | -0.816 | 1.290 | -2.362 | -0.008 |
| 38 | A | 0.977 | -0.665 | 1.375 | -2.354 | 1.093 | 1.221 | -2.261 | 1.375 | -2.354 | -0.088 |
| 39 | A | 0.035 | -0.126 | 1.300 | -2.422 | 1.148 | 1.226 | -1.827 | 1.300 | -2.422 | -0.095 |
| 40 | R | -0.098 | -0.126 | 0.870 | -2.431 | 0.674 | 0.601 | -2.836 | 0.870 | -2.836 | -0.478 |
| 41 | A | 0.768 | -0.312 | 1.262 | -2.140 | 1.002 | 1.089 | -3.434 | 1.262 | -3.434 | -0.252 |
| 42 | L | 0.768 | -0.312 | 1.262 | -1.721 | 1.002 | 1.089 | -3.434 | 1.262 | -3.434 | -0.192 |
| 43 | A | 0.996 | 0.706 | 1.253 | -1.136 | 0.957 | 1.089 | -2.423 | 1.253 | -2.423 | 0.206 |
| 44 | D | 0.863 | 0.501 | 0.823 | -0.832 | 0.483 | 0.464 | -3.432 | 0.863 | -3.432 | -0.161 |
| 45 | A | 0.996 | 0.453 | 1.253 | -0.977 | 0.957 | 1.089 | -2.423 | 1.253 | -2.423 | 0.193 |
| 46 | G | 0.996 | 0.249 | 1.253 | -1.496 | 0.957 | 1.089 | -2.423 | 1.253 | -2.423 | 0.089 |
| 47 | A | 1.192 | -0.378 | 1.449 | -1.847 | 1.112 | 1.109 | -1.372 | 1.449 | -1.847 | 0.181 |
| 48 | R | -0.022 | 0.249 | 1.094 | -2.135 | 0.802 | 0.625 | -0.928 | 1.094 | -2.135 | -0.045 |
| 49 | L | -0.022 | 0.063 | 1.094 | -1.981 | 0.802 | 0.625 | -0.928 | 1.094 | -1.981 | -0.050 |
| 50 | T | -0.022 | 0.876 | 1.094 | -1.858 | 0.802 | 0.625 | -0.928 | 1.094 | -1.858 | 0.084 |
| 51 | L | 0.206 | 1.241 | 1.085 | -1.791 | 0.756 | 0.625 | 0.082 | 1.241 | -1.791 | 0.315 |
| 52 | A | 0.383 | 1.445 | 0.954 | -1.355 | 0.592 | 0.041 | -0.030 | 1.445 | -1.355 | 0.290 |
| 53 | G | 1.375 | 2.072 | 1.188 | -0.548 | 0.738 | 0.056 | -0.305 | 2.072 | -0.548 | 0.654 |
| 54 | G | 1.179 | 1.241 | 0.991 | 0.423 | 0.583 | 0.036 | -1.356 | 1.241 | -1.356 | 0.443 |
| 55 | N | 2.121 | 0.614 | 1.066 | 1.120 | 0.528 | 0.031 | -1.791 | 2.121 | -1.791 | 0.527 |
| 56 | S | 1.407 | 0.580 | 0.982 | 0.920 | 0.537 | 0.036 | -0.346 | 1.407 | -0.346 | 0.588 |
| 57 | A | 1.179 | -0.480 | 0.991 | -0.043 | 0.583 | 0.036 | -1.356 | 1.179 | -1.356 | 0.130 |
| 58 | G | 1.312 | -0.576 | 1.328 | -1.102 | 0.993 | 0.635 | -1.383 | 1.328 | -1.383 | 0.173 |
| 59 | L | 0.288 | -0.595 | 0.945 | -1.970 | 0.692 | 0.600 | -0.835 | 0.945 | -1.970 | -0.125 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 60 A | -0.357 | 0.237 | 0.674 | -2.328 | 0.528 | 0.582 | -0.406 | 0.674 | -2.328 | -0.153 |
| 61 E | -0.047 | 0.237 | 0.973 | -1.907 | 0.838 | 0.622 | 0.491 | 0.973 | -1.907 | 0.172 |
| 62 L | -0.047 | 0.289 | 0.973 | -1.323 | 0.838 | 0.622 | 0.491 | 0.973 | -1.323 | 0.263 |
| 63 V | 0.667 | 0.169 | 1.057 | -0.469 | 0.829 | 0.617 | -0.954 | 1.057 | -0.954 | 0.274 |
| 64 N | 0.895 | 0.804 | 1.047 | -0.043 | 0.784 | 0.617 | 0.057 | 1.047 | -0.043 | 0.594 |
| 65 G | -0.104 | 0.734 | 0.580 | -0.309 | 0.401 | 0.019 | 0.405 | 0.734 | -0.309 | 0.247 |
| 66 A | 1.110 | 0.107 | 0.935 | -0.806 | 0.711 | 0.503 | -0.039 | 1.110 | -0.806 | 0.360 |
| 67 G | 1.976 | 0.107 | 1.328 | -0.875 | 1.039 | 0.990 | -0.637 | 1.976 | -0.875 | 0.561 |
| 68 I | 1.666 | -0.617 | 1.029 | -0.606 | 0.729 | 0.949 | -1.534 | 1.666 | -1.534 | 0.231 |
| 69 D | 1.438 | -0.388 | 1.038 | 0.036 | 0.774 | 0.949 | -2.544 | 1.438 | -2.544 | 0.186 |
| 70 D | 1.072 | -0.436 | 0.917 | 0.140 | 0.765 | 0.951 | -0.946 | 1.072 | -0.946 | 0.352 |
| 71 A | 0.477 | -0.939 | 0.804 | -0.459 | 0.802 | 0.953 | -0.357 | 0.953 | -0.939 | 0.183 |
| 72 A | 1.312 | -0.126 | 1.141 | -1.097 | 0.975 | 0.971 | -0.638 | 1.312 | -1.097 | 0.363 |
| 73 V | 0.768 | 0.233 | 0.655 | -1.412 | 0.565 | 0.500 | -0.007 | 0.768 | -1.412 | 0.186 |
| 74 V | 0.402 | 0.868 | 0.814 | -1.304 | 0.720 | 0.635 | 0.001 | 0.868 | -1.304 | 0.305 |
| 75 T | 0.402 | 1.820 | 1.057 | -0.767 | 0.993 | 0.654 | 1.231 | 1.820 | -0.767 | 0.770 |
| 76 C | 0.901 | 1.125 | 1.328 | -0.266 | 1.312 | 1.143 | 2.232 | 2.232 | -0.266 | 1.111 |
| 77 R | 1.546 | 1.089 | 1.599 | 0.298 | 1.476 | 1.162 | 1.803 | 1.803 | 0.298 | 1.282 |
| 78 P | 1.198 | 0.814 | 1.636 | 0.731 | 1.494 | 1.166 | 1.650 | 1.650 | 0.731 | 1.241 |
| 79 D | 1.002 | 0.455 | 1.440 | 0.894 | 1.339 | 1.146 | 0.599 | 1.440 | 0.455 | 0.982 |
| 80 S | 1.546 | 0.407 | 1.926 | 0.697 | 1.750 | 1.617 | -0.032 | 1.926 | -0.032 | 1.130 |
| 81 L | 1.413 | 0.043 | 1.496 | 0.230 | 1.276 | 0.992 | -1.042 | 1.496 | -1.042 | 0.630 |
| 82 A | 1.660 | 0.133 | 1.580 | -0.123 | 1.376 | 1.016 | -1.098 | 1.660 | -1.098 | 0.649 |
| 83 D | 1.407 | 0.037 | 1.636 | -0.273 | 1.431 | 0.569 | -0.926 | 1.636 | -0.926 | 0.554 |
| 84 A | 0.730 | 0.073 | 1.477 | -0.458 | 1.321 | 0.566 | -1.141 | 1.477 | -1.141 | 0.367 |
| 85 Q | 1.078 | 0.073 | 1.440 | -0.775 | 1.303 | 0.562 | -0.987 | 1.440 | -0.987 | 0.385 |
| 86 Q | 1.438 | -0.418 | 1.767 | -1.294 | 1.668 | 1.162 | -0.003 | 1.767 | -1.294 | 0.617 |
| 87 M | 0.939 | -1.113 | 1.496 | -1.920 | 1.349 | 0.673 | -1.005 | 1.496 | -1.920 | 0.060 |
| 88 V | 0.939 | -0.372 | 1.496 | -2.212 | 1.349 | 0.673 | -1.005 | 1.496 | -2.212 | 0.124 |
| 89 E | -0.022 | 0.538 | 1.085 | -2.358 | 0.984 | 0.636 | -0.733 | 1.085 | -2.358 | 0.019 |
| 90 A | -0.041 | -0.444 | 0.748 | -2.355 | 0.565 | 0.594 | -0.896 | 0.748 | -2.355 | -0.261 |
| 91 A | 0.490 | 0.183 | 1.188 | -2.290 | 0.993 | 1.201 | -0.842 | 1.201 | -2.290 | 0.132 |
| 92 L | 0.604 | 0.996 | 1.561 | -2.223 | 1.239 | 1.219 | -1.098 | 1.561 | -2.223 | 0.328 |
| 93 G | 0.471 | 0.996 | 1.225 | -2.137 | 0.829 | 0.619 | -1.072 | 1.225 | -2.137 | 0.133 |
| 94 R | 0.604 | 0.908 | 1.655 | -2.045 | 1.303 | 1.244 | -0.062 | 1.655 | -2.045 | 0.515 |
| 95 Y | -0.111 | 0.722 | 1.571 | -2.028 | 1.312 | 1.249 | 1.383 | 1.571 | -2.028 | 0.586 |
| 96 G | 1.103 | 1.032 | 1.926 | -1.786 | 1.622 | 1.733 | 0.939 | 1.926 | -1.786 | 0.939 |
| 97 R | 1.103 | 0.201 | 1.926 | -1.556 | 1.622 | 1.733 | 0.939 | 1.926 | -1.556 | 0.852 |
| 98 L | 0.604 | -0.709 | 1.375 | -1.109 | 1.139 | 1.110 | 1.528 | 1.528 | -1.109 | 0.563 |
| 99 D | 0.142 | -0.504 | 1.038 | -0.922 | 0.911 | 1.096 | 1.631 | 1.631 | -0.922 | 0.485 |
| 100G | -0.452 | -0.188 | 0.926 | -1.064 | 0.948 | 1.097 | 2.220 | 2.220 | -1.064 | 0.498 |
| 101V | -0.585 | -0.188 | 0.496 | -1.543 | 0.474 | 0.473 | 1.210 | 1.210 | -1.543 | 0.048 |
| 102L | 0.408 | 0.764 | 0.730 | -1.685 | 0.619 | 0.487 | 0.935 | 0.935 | -1.685 | 0.323 |
| 103V | 0.136 | 1.577 | 0.449 | -1.657 | 0.255 | -0.002 | 0.945 | 1.577 | -1.657 | 0.243 |
| 104A | 0.187 | 1.764 | 0.608 | -0.913 | 0.455 | 0.019 | 1.104 | 1.764 | -0.913 | 0.461 |
| 105S | 0.863 | 1.668 | 1.029 | 0.127 | 0.774 | 0.058 | 0.402 | 1.668 | 0.058 | 0.703 |
| 106G | 1.578 | 0.812 | 1.272 | 1.424 | 0.938 | 0.672 | 0.235 | 1.578 | 0.235 | 0.990 |
| 107S | 1.578 | 0.544 | 1.272 | 2.394 | 0.938 | 0.672 | 0.235 | 2.394 | 0.235 | 1.090 |
| 108N | 1.578 | -0.637 | 1.272 | 2.811 | 0.938 | 0.672 | 0.235 | 2.811 | -0.637 | 0.981 |
| 109H | 1.299 | -0.755 | 1.365 | 2.224 | 1.057 | 0.671 | 0.295 | 2.224 | -0.755 | 0.879 |
| 110V | 0.433 | -0.270 | 1.234 | 0.992 | 1.084 | 0.673 | 0.616 | 1.234 | -0.270 | 0.680 |
| 111A | 0.351 | -0.288 | 1.281 | -0.194 | 1.084 | 0.673 | 0.497 | 1.281 | -0.288 | 0.486 |
| 112P | 0.402 | -0.288 | 1.309 | -1.052 | 1.139 | 1.232 | 0.584 | 1.309 | -1.052 | 0.475 |
| 113I | 0.003 | -0.743 | 1.141 | -1.516 | 1.011 | 0.629 | 0.261 | 1.141 | -1.516 | 0.112 |
| 114T | 0.370 | 0.157 | 1.262 | -1.789 | 1.020 | 0.627 | -1.338 | 1.262 | -1.789 | 0.044 |
| 115E | 0.003 | 0.205 | 1.141 | -2.085 | 1.011 | 0.629 | 0.261 | 1.141 | -2.085 | 0.166 |
| 116M | 0.364 | -0.544 | 1.225 | -2.429 | 1.103 | 1.209 | 0.015 | 1.225 | -2.429 | 0.135 |
| 117A | 1.502 | 0.109 | 1.636 | -2.143 | 1.440 | 1.697 | -0.316 | 1.697 | -2.143 | 0.561 |
| 118V | 0.591 | 0.109 | 1.375 | -1.663 | 1.239 | 1.681 | -0.105 | 1.681 | -1.663 | 0.461 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 119E | 0.730 | 0.109 | 1.318 | -0.618 | 1.194 | 1.570 | -0.088 | 1.570 | -0.618 | 0.602 |
| 120D | 1.129 | -0.581 | 1.328 | 0.223 | 1.148 | 1.553 | -1.043 | 1.553 | -1.043 | 0.537 |
| 121F | 0.762 | -0.581 | 1.206 | 0.624 | 1.139 | 1.555 | 0.556 | 1.555 | -0.581 | 0.752 |
| 122D | 0.730 | -0.406 | 1.318 | 0.180 | 1.194 | 1.570 | -0.088 | 1.570 | -0.406 | 0.643 |
| 123A | 0.869 | -0.336 | 1.262 | -0.350 | 1.148 | 1.460 | -0.070 | 1.460 | -0.350 | 0.569 |
| 124V | 0.370 | -0.432 | 0.991 | -1.058 | 0.829 | 0.971 | -1.072 | 0.991 | -1.072 | 0.086 |
| 125M | 1.394 | 0.477 | 1.356 | -0.635 | 1.185 | 1.007 | -1.436 | 1.394 | -1.436 | 0.478 |
| 126D | 0.528 | 1.219 | 0.963 | -0.138 | 0.856 | 0.520 | -0.838 | 1.219 | -0.838 | 0.444 |
| 127A | 0.661 | 0.680 | 1.393 | 0.525 | 1.330 | 1.144 | 0.171 | 1.393 | 0.171 | 0.844 |
| 128N | 1.255 | 0.177 | 1.505 | 0.400 | 1.294 | 1.143 | -0.417 | 1.505 | -0.417 | 0.765 |
| 129V | 1.653 | -0.637 | 1.515 | -0.198 | 1.248 | 1.126 | -1.372 | 1.653 | -1.372 | 0.476 |
| 130R | 0.389 | -0.637 | 1.262 | -1.251 | 0.948 | 0.662 | -1.341 | 1.262 | -1.341 | 0.005 |
| 131G | -0.325 | -1.414 | 1.178 | -1.817 | 0.957 | 0.667 | 0.104 | 1.178 | -1.817 | -0.093 |
| 132A | -1.002 | -1.228 | 0.758 | -2.302 | 0.638 | 0.628 | 0.806 | 0.806 | -2.302 | -0.243 |
| 133W | -0.680 | -1.228 | 0.664 | -2.152 | 0.556 | 0.644 | 0.839 | 0.839 | -2.152 | -0.194 |
| 134L | -0.680 | -0.725 | 0.664 | -1.956 | 0.556 | 0.644 | 0.839 | 0.839 | -1.956 | -0.094 |
| 135V | -0.907 | 0.107 | 0.674 | -1.669 | 0.601 | 0.644 | -0.171 | 0.674 | -1.669 | -0.103 |
| 136C | -0.907 | 1.016 | 0.674 | -1.548 | 0.601 | 0.644 | -0.171 | 1.016 | -1.548 | 0.044 |
| 137R | 0.085 | 0.884 | 0.646 | -1.606 | 0.537 | 0.619 | -0.193 | 0.884 | -1.606 | 0.139 |
| 138A | 0.933 | -0.134 | 1.160 | -1.879 | 1.002 | 1.239 | -0.629 | 1.239 | -1.879 | 0.242 |
| 139A | 0.933 | -0.338 | 1.160 | -2.054 | 1.002 | 1.239 | -0.629 | 1.239 | -2.054 | 0.187 |
| 140G | 0.263 | 0.237 | 1.290 | -2.286 | 1.103 | 1.226 | -0.816 | 1.290 | -2.286 | 0.145 |
| 141R | -0.585 | 0.101 | 0.776 | -2.350 | 0.638 | 0.607 | -0.380 | 0.776 | -2.350 | -0.170 |
| 142V | -0.224 | -0.086 | 1.103 | -2.464 | 1.002 | 1.206 | 0.603 | 1.206 | -2.464 | 0.163 |
| 143L | 0.022 | 0.501 | 1.431 | -2.392 | 1.376 | 1.249 | 1.777 | 1.777 | -2.392 | 0.566 |
| 144L | 0.022 | 1.333 | 1.431 | -2.222 | 1.376 | 1.249 | 1.777 | 1.777 | -2.222 | 0.709 |
| 145E | 0.136 | 2.164 | 1.328 | -1.795 | 1.276 | 0.667 | 1.941 | 2.164 | -1.795 | 0.817 |
| 146Q | 0.730 | 2.445 | 1.440 | -1.426 | 1.239 | 0.665 | 1.353 | 2.445 | -1.426 | 0.921 |
| 147G | 1.672 | 1.858 | 1.515 | -1.145 | 1.185 | 0.660 | 0.918 | 1.858 | -1.145 | 0.952 |
| 148Q | 2.665 | 1.135 | 1.748 | -0.880 | 1.330 | 0.674 | 0.643 | 2.665 | -0.880 | 1.045 |
| 149G | 1.938 | 0.439 | 1.300 | -0.735 | 0.957 | 0.076 | 1.258 | 1.938 | -0.735 | 0.748 |
| 150G | 1.325 | -0.284 | 0.851 | -0.649 | 0.574 | 0.035 | 1.683 | 1.683 | -0.649 | 0.505 |
| 151S | 0.383 | -0.056 | 0.776 | -0.761 | 0.629 | 0.041 | 2.118 | 2.118 | -0.761 | 0.447 |
| 152V | -0.231 | -0.056 | 0.328 | -1.163 | 0.246 | 0.000 | 2.543 | 2.543 | -1.163 | 0.238 |
| 153V | -0.180 | -0.056 | 0.487 | -1.437 | 0.446 | 0.020 | 2.703 | 2.703 | -1.437 | 0.283 |
| 154L | -0.129 | 0.854 | 0.646 | -1.216 | 0.647 | 0.040 | 2.862 | 2.862 | -1.216 | 0.529 |
| 155V | -0.774 | 1.686 | 0.375 | -0.718 | 0.483 | 0.022 | 3.291 | 3.291 | -0.774 | 0.623 |
| 156S | -0.275 | 2.409 | 0.926 | -0.130 | 0.966 | 0.645 | 2.702 | 2.702 | -0.275 | 1.035 |
| 157S | 0.319 | 1.349 | 1.038 | -0.116 | 0.929 | 0.643 | 2.113 | 2.113 | -0.116 | 0.897 |
| 158V | 1.261 | 1.121 | 1.113 | -0.673 | 0.875 | 0.638 | 1.679 | 1.679 | -0.673 | 0.859 |
| 159R | 0.914 | 1.826 | 1.150 | -1.375 | 0.893 | 0.642 | 1.525 | 1.826 | -1.375 | 0.796 |
| 160G | 0.863 | 1.012 | 0.991 | -1.859 | 0.692 | 0.622 | 1.365 | 1.365 | -1.859 | 0.527 |
| 161G | 0.895 | 0.385 | 1.141 | -1.584 | 0.847 | 0.642 | 1.093 | 1.141 | -1.584 | 0.488 |
| 162L | 1.261 | 0.385 | 1.262 | -0.997 | 0.856 | 0.641 | -0.506 | 1.262 | -0.997 | 0.415 |
| 163G | 1.129 | 0.183 | 0.832 | -0.252 | 0.382 | 0.016 | -1.516 | 1.129 | -1.516 | 0.111 |
| 164N | 1.129 | 0.411 | 0.832 | 0.017 | 0.382 | 0.016 | -1.516 | 1.129 | -1.516 | 0.182 |
| 165A | 0.648 | -0.198 | 1.094 | -0.215 | 0.665 | 0.035 | -1.184 | 1.094 | -1.184 | 0.121 |
| 166A | 1.641 | -0.605 | 1.328 | -0.589 | 0.811 | 0.050 | -1.459 | 1.641 | -1.459 | 0.168 |
| 167G | 1.413 | -0.568 | 1.337 | -0.748 | 0.856 | 0.050 | -2.469 | 1.413 | -2.469 | -0.018 |
| 168Y | 0.850 | -0.837 | 1.290 | -0.712 | 0.784 | 0.029 | -2.024 | 1.290 | -2.024 | -0.089 |
| 169S | 0.806 | 0.425 | 1.075 | -0.362 | 0.692 | 0.046 | -0.392 | 1.075 | -0.392 | 0.327 |
| 170A | 0.806 | 0.401 | 1.318 | -0.137 | 0.966 | 0.065 | 0.838 | 1.318 | -0.137 | 0.608 |
| 171Y | 0.857 | 0.401 | 1.477 | 0.172 | 1.166 | 0.085 | 0.998 | 1.477 | 0.085 | 0.737 |
| 172C | 1.337 | 1.435 | 1.674 | 0.446 | 1.567 | 0.661 | 0.731 | 1.674 | 0.446 | 1.122 |
| 173P | 1.059 | 1.890 | 1.524 | 0.451 | 1.412 | 0.641 | -0.439 | 1.890 | -0.439 | 0.934 |
| 174S | 1.287 | 2.070 | 1.515 | 0.083 | 1.367 | 0.641 | 0.571 | 2.070 | 0.083 | 1.076 |
| 175K | 1.736 | 1.010 | 1.459 | -0.517 | 1.285 | 0.641 | 0.280 | 1.736 | -0.517 | 0.842 |
| 176A | 2.279 | -0.026 | 1.945 | -0.826 | 1.695 | 1.112 | -0.351 | 2.279 | -0.826 | 0.833 |
| 177G | 1.565 | -0.026 | 1.617 | -0.702 | 1.431 | 1.099 | -0.136 | 1.617 | -0.702 | 0.693 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 178T | 0.572 | 0.179 | 1.384 | -0.439 | 1.285 | 1.084 | 0.139 | 1.384 | -0.439 | 0.601 |
| 179D | 0.345 | 0.179 | 0.935 | -0.426 | 0.647 | 0.490 | -0.936 | 0.935 | -0.936 | 0.176 |
| 180L | 0.572 | -0.564 | 1.384 | -0.948 | 1.285 | 1.084 | 0.139 | 1.384 | -0.948 | 0.422 |
| 181L | 0.541 | -0.360 | 1.589 | -1.530 | 1.485 | 1.104 | 0.179 | 1.589 | -1.530 | 0.430 |
| 182A | -0.370 | -0.156 | 1.309 | -1.889 | 1.339 | 1.090 | 0.573 | 1.339 | -1.889 | 0.271 |
| 183K | -0.869 | 0.419 | 1.038 | -1.958 | 1.020 | 0.601 | -0.428 | 1.038 | -1.958 | -0.025 |
| 184T | -0.155 | -0.915 | 1.122 | -1.843 | 1.011 | 0.595 | -1.873 | 1.122 | -1.873 | -0.294 |
| 185L | 0.920 | -0.779 | 1.533 | -1.876 | 1.367 | 1.189 | -2.334 | 1.533 | -2.334 | 0.003 |
| 186A | 0.155 | 0.053 | 1.552 | -2.073 | 1.385 | 1.215 | -1.302 | 1.552 | -2.073 | 0.141 |
| 187A | 0.155 | 0.143 | 1.094 | -2.176 | 0.701 | 0.620 | -1.366 | 1.094 | -2.176 | -0.118 |
| 188E | 0.187 | 0.770 | 0.889 | -2.252 | 0.501 | 0.600 | -1.407 | 0.889 | -2.252 | -0.102 |
| 189W | 0.901 | -0.130 | 1.132 | -1.726 | 0.665 | 1.215 | -1.575 | 1.215 | -1.726 | 0.069 |
| 190G | 1.129 | 1.187 | 1.122 | -1.090 | 0.619 | 1.215 | -0.564 | 1.215 | -1.090 | 0.517 |
| 191G | 0.490 | 0.463 | 0.982 | -0.425 | 0.601 | 1.216 | 0.768 | 1.216 | -0.425 | 0.585 |
| 192H | 0.263 | 0.445 | 1.085 | -0.306 | 0.711 | 1.241 | 0.793 | 1.241 | -0.306 | 0.605 |
| 193G | 0.661 | 0.355 | 0.945 | -0.804 | 0.683 | 1.218 | 1.360 | 1.360 | -0.804 | 0.631 |
| 194I | 0.743 | -0.476 | 1.253 | -1.214 | 1.039 | 1.258 | 1.246 | 1.258 | -1.214 | 0.550 |
| 195R | 0.515 | -0.152 | 1.262 | -1.207 | 1.084 | 1.258 | 0.236 | 1.262 | -1.207 | 0.428 |
| 196V | -0.199 | -0.607 | 1.019 | -0.764 | 0.920 | 0.644 | 0.403 | 1.019 | -0.764 | 0.202 |
| 197N | -0.427 | -0.019 | 1.029 | -0.363 | 0.966 | 0.644 | -0.607 | 1.029 | -0.607 | 0.175 |
| 198A | 0.212 | -0.725 | 1.412 | -0.361 | 1.257 | 0.661 | -0.709 | 1.412 | -0.725 | 0.250 |
| 199L | 0.275 | -0.899 | 1.178 | -0.735 | 0.938 | 0.056 | -0.667 | 1.178 | -0.899 | 0.021 |
| 200A | 0.275 | 0.119 | 1.178 | -0.840 | 0.938 | 0.056 | -0.667 | 1.178 | -0.840 | 0.151 |
| 201P | -0.749 | 0.974 | 0.814 | -0.833 | 0.583 | 0.020 | -0.303 | 0.974 | -0.833 | 0.072 |
| 202T | -0.616 | 0.616 | 1.244 | -0.733 | 1.057 | 0.645 | 0.706 | 1.244 | -0.733 | 0.417 |
| 203V | 0.376 | 0.029 | 1.477 | -0.667 | 1.203 | 0.659 | 0.431 | 1.477 | -0.667 | 0.501 |
| 204F | 0.376 | 0.616 | 1.477 | -0.769 | 1.203 | 0.659 | 0.431 | 1.477 | -0.769 | 0.570 |
| 205R | 0.010 | 1.365 | 1.113 | -0.779 | 0.920 | 0.642 | 0.800 | 1.365 | -0.779 | 0.581 |
| 206S | 0.010 | 0.049 | 1.113 | -0.789 | 0.920 | 0.642 | 0.800 | 1.113 | -0.789 | 0.392 |
| 207A | 0.737 | -0.921 | 1.561 | -0.882 | 1.294 | 1.240 | 0.185 | 1.561 | -0.921 | 0.459 |
| 208V | 0.686 | -1.095 | 1.646 | -1.205 | 1.358 | 1.261 | -0.044 | 1.646 | -1.205 | 0.372 |
| 209T | 0.155 | -0.508 | 1.206 | -1.532 | 0.929 | 0.653 | -0.098 | 1.206 | -1.532 | 0.115 |
| 210E | -0.838 | -0.460 | 0.991 | -1.893 | 0.729 | 0.638 | -0.007 | 0.991 | -1.893 | -0.120 |
| 211W | -0.642 | -0.496 | 1.188 | -1.961 | 0.884 | 0.657 | 1.044 | 1.188 | -1.961 | 0.096 |
| 212M | 0.225 | 0.365 | 1.580 | -1.473 | 1.212 | 1.145 | 0.446 | 1.580 | -1.473 | 0.500 |
| 213F | 0.528 | 1.311 | 1.655 | -0.550 | 1.376 | 1.614 | 0.397 | 1.655 | -0.550 | 0.904 |
| 214T | 0.168 | 2.112 | 1.571 | 0.661 | 1.285 | 1.033 | 0.643 | 2.112 | 0.168 | 1.068 |
| 215D | 1.160 | 2.435 | 2.001 | 1.360 | 1.905 | 1.603 | 0.686 | 2.435 | 0.686 | 1.593 |
| 216D | 1.786 | 1.896 | 2.001 | 1.364 | 1.813 | 1.585 | 0.741 | 2.001 | 0.741 | 1.598 |
| 217P | 2.633 | 1.848 | 2.496 | 0.464 | 2.333 | 2.206 | 0.489 | 2.633 | 0.464 | 1.781 |
| 218K | 2.437 | 2.303 | 2.300 | -0.648 | 2.178 | 2.186 | -0.562 | 2.437 | -0.648 | 1.456 |
| 219G | 2.134 | 2.046 | 2.225 | -1.501 | 2.014 | 1.717 | -0.512 | 2.225 | -1.501 | 1.160 |
| 220R | 1.767 | 1.419 | 2.384 | -1.896 | 2.169 | 1.853 | -0.504 | 2.384 | -1.896 | 1.027 |
| 221A | 2.128 | 0.491 | 2.468 | -1.915 | 2.260 | 2.433 | -0.750 | 2.468 | -1.915 | 1.016 |
| 222T | 1.900 | 0.287 | 2.019 | -1.858 | 1.622 | 1.839 | -1.825 | 2.019 | -1.858 | 0.569 |
| 223R | 1.274 | -0.204 | 2.019 | -2.051 | 1.713 | 1.856 | -1.881 | 2.019 | -2.051 | 0.390 |
| 224E | 0.427 | -0.204 | 1.505 | -2.330 | 1.248 | 1.237 | -1.445 | 1.505 | -2.330 | 0.063 |
| 225A | 0.427 | -1.103 | 1.505 | -2.577 | 1.248 | 1.237 | -1.445 | 1.505 | -2.577 | -0.101 |
| 226M | 0.364 | -0.745 | 1.739 | -2.769 | 1.567 | 1.841 | -1.487 | 1.841 | -2.769 | 0.073 |
| 227L | -0.408 | -0.835 | 1.169 | -2.815 | 1.075 | 1.218 | -1.164 | 1.218 | -2.815 | -0.251 |
| 228A | -0.768 | 0.183 | 1.085 | -2.650 | 0.984 | 0.638 | -0.918 | 1.085 | -2.650 | -0.207 |
| 229R | -1.482 | 0.996 | 1.001 | -2.489 | 0.993 | 0.643 | 0.527 | 1.001 | -2.489 | 0.027 |
| 230I | -0.951 | 0.009 | 1.440 | -2.191 | 1.422 | 1.251 | 0.582 | 1.440 | -2.191 | 0.223 |
| 231P | -0.104 | 0.333 | 1.954 | -2.071 | 1.886 | 1.870 | 0.146 | 1.954 | -2.071 | 0.573 |
| 232L | -0.819 | 0.550 | 1.889 | -1.997 | 1.841 | 1.874 | 1.407 | 1.889 | -1.997 | 0.678 |
| 233R | -0.951 | 1.113 | 1.459 | -2.065 | 1.367 | 1.250 | 0.398 | 1.459 | -2.065 | 0.367 |
| 234R | 0.048 | 0.874 | 1.926 | -1.967 | 1.750 | 1.847 | 0.050 | 1.926 | -1.967 | 0.647 |
| 235F | 0.048 | 0.600 | 1.926 | -1.785 | 1.750 | 1.847 | 0.050 | 1.926 | -1.785 | 0.633 |
| 236A | 1.122 | 0.600 | 2.337 | -1.535 | 2.105 | 2.441 | -0.412 | 2.441 | -1.535 | 0.951 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 237E | 1.489 | 0.503 | 2.178 | -1.071 | 1.950 | 2.306 | -0.420 | 2.306 | -1.071 | 0.991 |
| 238P | 0.642 | 0.556 | 1.683 | -0.595 | 1.431 | 1.685 | -0.168 | 1.685 | -0.595 | 0.748 |
| 239E | 0.990 | 0.197 | 1.627 | -0.181 | 1.467 | 1.683 | 0.170 | 1.683 | -0.181 | 0.850 |
| 240D | 1.217 | -0.583 | 1.617 | -0.037 | 1.422 | 1.683 | 1.180 | 1.683 | -0.583 | 0.929 |
| 241F | 0.857 | -1.446 | 1.290 | -0.290 | 1.057 | 1.083 | 0.197 | 1.290 | -1.446 | 0.392 |
| 242V | 0.142 | -1.678 | 0.963 | -0.989 | 0.793 | 1.070 | 0.412 | 1.070 | -1.678 | 0.102 |
| 243G | -0.857 | -1.787 | 0.496 | -1.634 | 0.410 | 0.472 | 0.760 | 0.760 | -1.787 | -0.306 |
| 244A | -1.609 | -2.618 | 0.477 | -2.183 | 0.328 | 0.002 | 1.101 | 1.101 | -2.618 | -0.643 |
| 245L | -1.609 | -1.763 | 0.459 | -2.461 | 0.382 | 0.003 | 1.284 | 1.284 | -2.461 | -0.529 |
| 246I | -1.957 | -1.019 | 0.496 | -2.489 | 0.401 | 0.007 | 1.131 | 1.131 | -2.489 | -0.490 |
| 247Y | -1.906 | -0.695 | 0.655 | -2.193 | 0.601 | 0.027 | 1.290 | 1.290 | -2.193 | -0.317 |
| 248L | -1.407 | 0.568 | 0.926 | -1.490 | 0.920 | 0.516 | 2.291 | 2.291 | -1.490 | 0.332 |
| 249L | -0.692 | 1.627 | 1.010 | -0.668 | 0.911 | 0.511 | 0.846 | 1.627 | -0.692 | 0.507 |
| 250S | 0.225 | 1.658 | 1.300 | 0.315 | 1.084 | 0.529 | 0.684 | 1.658 | 0.225 | 0.828 |
| 251D | 0.756 | 0.395 | 1.197 | 0.932 | 1.002 | 0.530 | 0.512 | 1.197 | 0.395 | 0.761 |
| 252A | 0.756 | 0.347 | 1.216 | 1.247 | 0.948 | 0.529 | 0.328 | 1.247 | 0.328 | 0.767 |
| 253S | 1.217 | 0.974 | 1.552 | 1.261 | 1.175 | 0.543 | 0.225 | 1.552 | 0.225 | 0.993 |
| 254S | 1.135 | 0.610 | 1.599 | 1.034 | 1.175 | 0.542 | 0.106 | 1.599 | 0.106 | 0.886 |
| 255F | 0.863 | -0.342 | 1.318 | 0.511 | 0.811 | 0.053 | 0.116 | 1.318 | -0.342 | 0.476 |
| 256Y | 1.110 | -0.282 | 1.646 | 0.095 | 1.185 | 0.096 | 1.289 | 1.646 | -0.282 | 0.734 |
| 257T | 0.465 | -0.282 | 1.375 | -0.460 | 1.020 | 0.077 | 1.718 | 1.718 | -0.460 | 0.559 |
| 258G | -0.212 | -0.977 | 1.216 | -0.942 | 0.911 | 0.074 | 1.503 | 1.503 | -0.977 | 0.225 |
| 259Q | 0.250 | -1.065 | 1.533 | -1.346 | 1.194 | 0.090 | 1.584 | 1.584 | -1.346 | 0.320 |
| 260V | -0.212 | -0.929 | 1.197 | -1.773 | 0.966 | 0.076 | 1.687 | 1.687 | -1.773 | 0.144 |
| 261M | 0.092 | -0.206 | 1.272 | -1.799 | 1.130 | 0.545 | 1.637 | 1.637 | -1.799 | 0.382 |
| 262Y | 0.092 | -0.498 | 1.272 | -1.517 | 1.130 | 0.545 | 1.637 | 1.637 | -1.517 | 0.380 |
| 263L | 0.073 | 0.399 | 0.935 | -0.989 | 0.711 | 0.502 | 1.474 | 1.474 | -0.989 | 0.444 |
| 264D | 0.187 | 0.604 | 1.309 | -0.637 | 0.957 | 0.520 | 1.217 | 1.309 | -0.637 | 0.594 |
| 265G | 0.781 | 0.101 | 1.515 | -0.493 | 1.066 | 0.523 | 1.313 | 1.515 | -0.493 | 0.687 |
| 266G | 1.034 | -0.272 | 1.262 | -0.751 | 0.829 | 0.503 | -0.029 | 1.262 | -0.751 | 0.368 |
| 267Y | 1.704 | -0.645 | 1.132 | -0.705 | 0.729 | 0.516 | 0.158 | 1.704 | -0.705 | 0.413 |
| 268T | 1.072 | 0.017 | 0.403 | -0.712 | 0.729 | 0.087 | -0.843 | 1.072 | -0.843 | 0.107 |
| 269A | 0.711 | -0.220 | -0.046 | -0.419 | 1.093 | 0.147 | -1.853 | 1.093 | -1.853 | -0.084 |
| 270C | 0.351 | 0.035 | -0.495 | -0.240 | 1.458 | 0.207 | -2.864 | 1.458 | -2.864 | -0.221 |

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]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |
| Hydrophilicity | [1]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |
| Flexibility | [1]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |
| Accessibility | [1]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |
| Turns | [1]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |
| Exposed Surface | [1]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |
| Polarity | [1]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |
| Antigenic Propensity | [1]VEEMALAQQVPNLGLARFSVQDKSILITGATGSLGRVAARALADAGARLTLAGGNSAGLAELVN GAGIDDAAVVTCRPDSLADAQQMVEAALGRYGRLDGVLVASGSNHVAPITEMAVEDFDAVMDAN VRGAWLVCRAAGRVLLEQGQGGSVVLVSSVRGGLGNAAGYSAYCPSKAGTDLLAKTLAAEWG GHGIRVNALAPTVFRSAVTEWMFTDDPKGRATREAMLARIPLRRFAEPEDFVGALIYLLSDASSF YTGQVMYLDGGYTAC[270] |

**TOP**

**Home**