## ConSurf Results for job:src date:15/05/2024

| 1  | 11                               | 21                                      | 31                                       | 41                                      |
|--|----------------------------------|---|--|---|
| M <mark>GS</mark> N <mark>KSKP</mark> KD | <mark>ASQRRRSLEP</mark>          | <mark>AENVHGAGG</mark> G                | AFPASQT <mark>P</mark> SK                | P <mark>ASADGHR</mark> GP               |
| 51                                       | 61                               | 71                                      | 81                                       | 91                                      |
| SAAFA <mark>PA</mark> AAE                | PKLFGGFNSS                       | DTVTSPQRAG                              | PL <mark>A</mark> GGVTT <mark>F</mark> V | ALYDYESRTE                              |
| 101 TDLSFKKGER                           | 111                              | 121                                     | 131                                      | 141                                     |
|  | LQIVNNTEGD                       | WWLAHSL <mark>S</mark> TG               | QTGYIPSNYV                               | APSDSIQAEE                              |
| 151                                      | 161 SERLLLNAEN                   | 171                                     | 181                                      | 191                                     |
| W <mark>YFGKIT</mark> RE                 |                                  | PR <mark>GTFLVRE</mark> S               | ETTKGAY <mark>C</mark> LS                | VSDFDNAKGL                              |
| 201                                      | 211 DSGGFYITSR                   | 221                                     | 231                                      | 241                                     |
| NVKHYKIRKL                               |                                  | TQFNSLQQLV                              | AYYSKHADGL                               | CHR <mark>LTTVCP</mark> T               |
| 251 SKPQTQGLAK                           | 261 DAWEIPRESL                   | 271<br>RLEVKLGQGC                       | 281 FGEVWMGTWN                           | 291<br>GTTRVAIKTL                       |
| 301                                      | 311                              | 321 RHEKLVQLYA                          | 331                                      | 341                                     |
| <b>K P G T M S P E A F</b>               | LQEAQVMKKL                       |   | <b>VV</b> SEEPIYIV                       | TEYMSKGSLL                              |
| 351                                      | 361                              | 371                                     | 381 ERMNYVHRDL                           | 391                                     |
| DF <mark>LKGETGKY</mark>                 | LRLPQLVDMA                       | AQIASGMAYV                              |  | RAAN <mark>I</mark> L <mark>VGEN</mark> |
| 401                                      | 411                              | 421                                     | 431                                      | 441                                     |
| LVCKVADFGL                               | ARLIEDNEYT                       | ARQGAKFPIK                              | W T A P E A A L Y G                      | RFTIKSDVWS                              |
| 451<br><b>FGILLTELT</b>                  | 461<br>K <mark>GRVPY</mark> PGMV | 471<br>N R E <mark>V</mark> L D Q V E R | 481  GYRMPCPPEC                          | 491 PESLHDLMCQ                          |
| 501                                      | 511                              | 521                                     | 531                                      |   |
| <b>Cwrkepeer</b>                         | TFEYLQAFLE                       | DYFTSTEPQY                              | <b>QPGE<u>NL</u></b>                     |   |

## The conservation scale:

1 2 3 4 5 6 7 8 9

Variable Average Conserved

- e An exposed residue according to the NACSES algorithm.
- b A buried residue according to the NACSES algorithm.
- x Insufficient data the calculation for this site was performed on less than 10% of the sequences.