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

| 1 | 11 | 21 | 31 | 41 |
|--|---------------------------------|--|----------------------------|---------------------------|
| M <mark>GS</mark> N <mark>KSKP</mark> KD | A <mark>SQRRRSLEP</mark> | <mark>AENVH</mark> GA <mark>G</mark> G | AFPASQTPSK | P <mark>asadghr</mark> gp |
| 51 | 61 | 71 | 81 | 91 |
| SAAFA <mark>PA</mark> AAE | PK <mark>LFG</mark> GFNSS | DTVTSPQRAG | PLAGGVTTFV | ALYDYESRTE |
| 101 | 111 | 121 | 131 | 141 |
| T D L S F K K G E R | LQIVNNTEGD | WWLAHSL <mark>S</mark> TG | QTGYIPSNYV | APSDSIQAEE |
| 151 | 161 | 171 | 181 | 191 |
| WYFGKIT <mark>R</mark> RE | SERLLLNAEN | PRGTFLVRES | ETTKGAYCLS | VSDFDNAKGL |
| 201 | 211 | 221 | 231 | 241 |
| NVKHYKIRKL | DSGGFYITSR | TQFNSLQQLV | AYYSKHADGL | CHRLTTVCPT |
| 251 | 261 DAWEIPRESL | 271 | 281 | 291 |
| SKPQTQGLAK | | RLEVKLGQGC | F G E V W M G T W N | GTTR <mark>VAIK</mark> TL |
| 301 | 311 | 321 | 331 | 341 |
| K P G T M S P E A F | LQEAQVMKKL | RHEKLVQLYA | VVSEEPIYIV | TEYMSKGSLL |
| 351 | 361 | 371 | 381 | 391 |
| DF <mark>LKGETGKY</mark> | LRLPQLVDMA | AQIASGMAYV | ERMNYVHRDL | RAANI <mark>LVGEN</mark> |
| 401 | 411 | 421 | 431 | 441 |
| L <mark>VCKVADFGL</mark> | ARLIEDNEYT | ARQGAKFPI K | WTAPEAALYG | RFTIKSDVWS |
| 451 FGILLTELT T | 461 K <mark>GRVPYPGMV</mark> | 471 N R E V L D Q V E R | 481 GYRMPCPPEC | 491 PESLHDLMCQ |
| 501 | 511 | 521 | 531 | |
| CWRKEPEERP | T <mark>F</mark> EYLQAFLE | DYFTSTEPQY | QPGENL | |

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.