ConSurf Results for job:EAA2 consurfseqres date:06/03/2023

1 MASTEGANNM	11 P <mark>KQVEVR</mark> MHD	21 s <mark>h</mark> lgseepkh	31 RHLGLRLCDK	41 LGKNLLLTLT eeeeebeeeb
51 VFGVILGAVC eebbeebeee s s	61 GGLLRLASPI beeeeeeee	71 H P D V V M L I A F e e e e b e e e e e	81 PGDILMRMLK ebeebbeebe sf f sf	91 MLILPLIISS ebbeebbbbb s fs s
LITGLSGLDA bbbbbeeee ff	111 KASGRLGTRA eebeebbeeb	121 MVYYMSTTII eebbeebbee ss ss	131 AAVLGVILVL bbebbebbe s	141 AIHPGNPKLK eeebbeeebe f ss
151 KQLGPGKKND eeeeeeeee	161 EVSSLDAFLD eeeeebeeb f s	171 LIRNLFPENL eeebeeeee f fs f f	181 VQACFQQIQT e e b e e e b e e	191 VTKKVLVAPP
201 PDEEANATSA	211 VVSLLNETVT	221 EVPEETKM VI	231 KKGLEFKDGM eeeee	241 NVLGLIGFFI bbbbbeebe s s s f
251 A F G I A M G K M G e e b e e b e e e e s	261 DQAKLMVDFF eebeeeeb	271 N I L N E I V M K L e e e b e e b b e e	281 VIMIMWYSPL beebbeebbe	291 GIACLICGKI bbbbbbbee ss s f
301 IAIKDLEVVA beeeeeeee	311 RQLGMYMVTV eebeebbebb sss	321 IIGLIIHGGI eebbeebeee	331 FLPLIYFVVT ebbeebeee	341 RKNPFSFFAG eeebeebeeb f fs
351 IFQAWITALG bebbebbeb ssf	361 TASSAGTLPV beebebbbbb sffsfss s	371 TFRCLEENLG bbbbbeeee	381 IDKRVTRFVL beeebbbbbb f ss	391 PVGATINMDG bbbbbbbbb s s s s s s
401 TALYEAVAAI bbbbbbbbbbbsssss s	411 FIAQMNGVVL bbbbbeeeeb ssss f	421 DGGQIVTVSL eeeeebbe	431 TATLASVGAA bbbebbebbe sss s s f	441 SIPSAGLVTM bbbeeeebbb sffffs
451 LLILTAVGLP bebbeebebe fss f sf	461 TEDISLLVAV eebbebbeeb s	471 DWLLDRMRTS eeebebebbb ff fs s	481 VNVVGDSFGA bbbbbbbbbbbb	491 GIVYHLSKSE bbbeeeee
501 LDTIDSQHRV	511 HEDIEMTKTQ	521 S I Y D D M K N H R	531 ESNSNQCVYA	541 AHNSVIVDEC
551 KV <mark>TLAANGKS</mark>	561 ADCSVEEEPW	571 581 KREK		

The conservation scale:

- e An exposed residue according to the NACSES algorithm.
- b A buried residue according to the NACSES algorithm.
- f A predicted functional residue (highly conserved and exposed).
- s A predicted structural residue (highly conserved and buried).
- X Insufficient data the calculation for this site was performed on less than 10% of the sequences.