## ConSurf Results for job:NETnat date:14/08/2023

1 <b>M L L A R M N P Q V</b>	11 OPENNGADTG	21 PEQPLRARKT	31 <b>AELLVVKERN</b>	41 GVQCLLAPRD
MUDAKMNFQV	QFENNGADIG	FEGERARKI	AEDDVVKERN	GVQCHHAFKD
51 GDAQPRETWG ebe	61  KKIDFLLSVV  eeebbebbbb  s	71 GFAVDLANVW bbbbbbbbbbb	81  RFPYLCYKNG  ebbebbeebe fssf s sf	91 GGAFLIPYTL bbbbeebbee ss sffss
101 FLIIAGMPLF bbeebbbbbb	111 YMELALGQYN bbbbbbbbeb s ss	121 REGAATVWKI eebbbbbbee f	131 CPFFKGVGYA beebebbbeb f s s	141 VILIALYVGF bbebbebbb
151 YYNVIIAWSL bbbbbbbbbb	161 YYLFSSFTLN ebbebbeeee	171 LPWTDCGHTW bebeeeee sfs f f	181 NSPNCTDPKL bbeebebeee	191 LNGSVLGNHT eeeeeeeee
201  KYSKYKFTPA  ebbeeebbb	211 AEFYERGVLH bbbbebbe s	221 LHESSGIHDI beebebbeee	231 GLPQWQLLLC eeebeebeeb f	241 <b>LMVVVIVLYF beebbeebee</b>
251 SLWKGVKTSG bbeebbeebb fs fss	261 KVVWITATLP eebeebbeeb ff f ss fs	271 Y F V L F V L L V H e e b b e e b e e e f f f	281  GVTLPGASNG  beeeebeeb ff f s	291  INAYLHIDFY  eeebeeeee f
301  RLKEATVWID  eeeeebebe f sf f	311 AATQIFFSLG bbbbbbbbbbb s s s	321 AGFGVLIAFA bbbbbbbbbb	331 SYNKFDNNCY bebeeebebe sfs f f	341  RDALLTSSIN  ebbeebbeeb  s
351 CITSFVSGFA eebbeebbeb ss	361  IFSILGYMAH  bbbbbbbbbbe  ss s s	371 EHKVNIEDVA eeeebeebe	381 TEGAGLVFIL beeebbbbbb f s s	391 YPEAISTLSG bbbbbeebee ss
401 STFWAVVFFV eeebbeebbe f fss	411 MLLALGLDSS bbbbbbbbbbb s s s	421 MGGMEAVITG bbebbbbbb	431 LADDFQVLKR ebeeeeee	
451 FSTFLLALFC eebbeebeeb	461 ITKGGIYVLT bbebbbebb s	471 LLDTFAAGTS bbeebbebb f	481 ILFAVLMEAI bbebbebbe	
FSNDIQQMMG bbebbeebee s f	511 FRPGLYWRLC eebeebeeb	521 WKFVSPAFLL beeebbebbe s		e e b e e e e e b
PPWANWVGWG eeebbeebee f	561 IALSSMVLVP ebeebbeebe	571  I Y V I Y K F L S T  e e e	581 QGSLWERLAY	591 GIT <mark>PENEHHL</mark>

601 611 VAQRDIRQFQ LQHWLAI

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.
- 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.