ConSurf Results for job:EAA1 consurfseqres date:02/03/2023

1 M <mark>T</mark> K <mark>SNGEEP</mark> K	11 MGGRMER <mark>F</mark> QQ	21 G V R K R T L L A K	31 K K V Q N I T K E D	41 V K S Y L F R N A F e e e e e e e f
51 VLLTVTAVIV eeebeeb	61 GTILGFTLRP beeebeeee s s f	71 YRMSYREVKY e e e e e e e b e e	81 FSFPGELLMR eeeebeebbe ffsf	91 MLQMLVLPLI ebeebbeebb fsf ffs
101 ISSLVTGMAA ebbbbbbbbe ss	111 LDSKASGKMG beeeebeebe f	121 MRAVVYYMTT eebeebbeeb ss s	131 TIIAVVIGII beebbebbe s s s	141 IVIIIHPGKG bbeeebbee f ss
TKENMHREGK	161 IVRVTAADAF eeebeeebe f	171 LDLIRNMFPP ebeeebeee sf fs f	NLVEACFKQF eeeebeeebe ff fs	191 KTNYEKRSFK e e f
201 VPIQA <mark>N</mark> E <mark>T</mark> LV	211 GAVINNVSEA	221 METLTRITEE	231 LVPVPGSVNG e e e e e e e	241 VNALGLVVFS ebbbbbbeb s ss f
251 MCFGFVIGNM eeebeebeee	261 K E Q G Q A L R E F e e e b e e e e e	271 FDSLNEAIMR beeebeebbe	281 LVAVIMWYAP ebeebbeebb	291 VGILFLIAGK ebbeebbbbe s fs
301 I V E M E D M G V I b b e e e e e e e e f	311 GGQLAMYTVT eebbeebbeb s	321 VIVGLLIHAV beebbeebbe s s fs	331 IVLPLLYFLV eebbeebeee	341 TRKNPWVFIG beeebeebbe fs
351 GLLQALITAL ebebbbbbbe s ss	361 GTSSSSATLP bbbbbebbb s ssfssss	371 ITFKCLEENN bbbbbbeee	381 G V D K R V T R F V e b e e e b b b b b f s	391 LPVGATINMD bbbbbbebb s sfsss
401 GTALYEALAA bbbbbbbbbbbsss ss s	411 IFIAQVNNFE bbbbbeeee ssss f	421 LNFGQIITIS eeeeeebe f	e b b b e b b e e b	beeeebbbeb
ss f f				
501 ELKNRDVEMG	511 NSVIEENEMK	521 KPYQLI <mark>A</mark> QDN	531 ETEKPIDSET	541 K M

- 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.