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

1	11	21	31	41
M <mark>T</mark> K <mark>SNGEEP</mark> K	MGGRMER <mark>F</mark> QQ	G <mark>V</mark> RK <mark>R</mark> TLLAK	KKVQNITKED	VKSYLFRNAF
				eeeeeee f
51	61	71	81	91
VLLTVTAVIV	GTILGFTLRP	YRMSYREVK <mark>Y</mark>	FSFPGELLMR	MLQMLVLPLI
eeebeebeee f	beeebeeeee s s f	e e e e e e b e e	eeeebeebbe ffsf f	ebeebbeebb fsf ffs
101	111	121	131	141
ISSLVTGMAA	LDSKASGKMG	MRAVVYYMTT	TIIAVVIGII	IVIIIHPGKG
ebbbbbbe ss	beeeebeebe f f	eebeebbeeb ss s	beebbebbbe s s s	bbeeeebbee f ss
151	161	171	181	191
TKENMHREGK	IVRVTAADAF	LDLIRNMFPP	NLVEACFKQF	KTNYEKRSFK
eeeebeeee	eeebeeebe f	ebeeebeeee sf fs f	eeeebeeebe ff fs	e e f
201	211	221	231	241
VPIQA <mark>N</mark> E <mark>T</mark> LV	GAVINNVSEA	METLTRITEE	LVPVPGSVNG	VNALGLVVFS
			e e e e e e e	ebbbbbbeb s ss f
251	261	271	281	291
MCFGFVIGNM	KEQGQALREF	FDSLNEAIMR beeebeebbe	LVAVIMWYAP	VGILFLIAGK
eeebeebeee s	eeebeeeee	beeebeebbe	ebeebbeebb s	ebbeebbbbe s fs
301	311	321	331	341
IVEMEDMGVI	GGQLAMYTVT	VIVGLLIHA <mark>V</mark>	IVLPLLYFLV	TRKNPWVFIG
bbeeeeeee f	e e b b e e b b e b	beebbeebbe s s fs	eebbeebeee s	beeebeebbe fs
351	s s			-
GLLQALITAL	361 GTSSSSATLP	371 ITFKCLEENN	381 GVDKRVTRFV	391 LPVGATINMD
e b e b b b b b e	bbbbebbb	bbbbbbeee	e b e e e b b b b b	bbbbbebb
s ss	s ssfssss	s s	f s	s s sfsss
401	411	421	431	441
GTALYEALAA				
bbbbbbbbbb sss ss s	bbbbbbeeee ssss f	eeeeeeebe f f		beeeebbbeb sffff f
451	461	471	481	491
MVIVLTSVGL		V D W F L D R L R T	TTNVLGDSLG	
bbbbbeebeb ss f f	ebebbbbbee f s f		ebbbbbbbbb ss s	bbbbeeee
501	511	521	531	541
ELKNRDVEMG			ETEKPIDSET	

- 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.