## ConSurf Results for job:bfimtd date:22/08/2025

1	11	21	31	41
MPTTGLRQLA	RTITIAVAAT	LIGTGAAIPA	Q A G P D R K N P T	KPVEDAPVTA
eeeeebeebe ff	ebbbbbbbb	bbbbebbee	e e e e e e e e	e e e e e e e e
51	61	71	81	91
DVGNLHTWWH	DNAVYNTDSP	TENGEVR <mark>R</mark> SS	FYDVQVAQAH	QPDKFFDSFA
eeeebebbbe ss f	e e e e e e e e	ebeeebeebe sf s	bbebebbeee s s	eeeeeebbb ss
101	111	121	131	141
YMSIPRSGKG	KVGYTKEDGA	EFSSEANLSM	SWSSFEYAKD	VWVDVSLKTG
bbbbeeeee s ff f	eeeeeeeeb f f ffs	ebeeebebbb f s	bbbbbeebee ss sff f	bbbebeee s
151	161	171	181	191
QTISSADEVQ	IRPSSYDFEK	K L V D E D T I R I	KVPYSDAGYR	FSVEF <mark>DPQLY</mark>
eebeebeebe f s	beeeeebee ff	eeeeeebeb f	ebeeeeebe f f f	bbbebeeebb ssfs f
201	211	221	231	241
TSYNDMSG <mark>N</mark> S	GKLTTVAEGN	RPIHTEPMNS	MMIFAEPKLQ	GEEKRLI <mark>P</mark> N
ebeeeeeee f	eeeeeeeee f	eebeeeeeb ff f	bbbbbeeee ssff	eeeeeebee f
251	261	271	281	291
PSSGSIHYPE	EGEVKDLNTV	TEEIIYFKPG	TYHMGSDYHA	V L P P N V K W V Y
eeeeebeeee	e e e b e e b e e b	eeebbbbebb s s	ebbbbbeeeb s s	ebeeebebbb s s
301	311	321	331	341
LAPGAYVKGA	FRFFHDNQAQ	YKVTGYGVLS	GEQYVYEADT	ANNYNALSGA
bbeebbbebb sffs sfss	bebeeeeee s	bebebebbbe fs ss f	beebbeeeee sffs ff f	f
351	361	371	381	391
SNCHVTCVKM	LQFESSNIGQ	QLDLQGVTIN	E PPYHSFV VY	AHEGEKEIGV
		ebebeebebe s f f		
401		421	-	441
		DGIELYQGGT		
eebebebeeb f		ebbebbeeee fs f s	s f ff	
451	461			491
T I D N T V I W K N		TPRNIDN <mark>VN</mark> V		
ebeebbbee s sf		e e e e b e e b e b	eebbbbbeb ss fs	
501		521		541
		TTVKNMRFEN		
bbebeeebee f f	eeeeeeeee f	eebeebee f	bebeebbebb ff	bbbbbbeeee s f
551	561	571		591
		VSHLKRYTNS		
ebebeebebe f		eeebeeeee f	eeeebebeee f	eeeeebebe



The conservation scale:

1 2 3 4 5 6 7 8 9

Variable Average Conserved

- e An exposed residue according to the neural network algorithm.
- b A buried residue according to the neural network algorithm.
- f A predicted functional residue (highly conserved and exposed).
- s A predicted structural residue (highly conserved and buried).