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	K P V E D A P V T A
eeeeebeebe f f	ebbbbbbbb	bbbbebbee	eeeeeeee	eeeeeeee
51	61	71	81	91
DVGNLHTWWH	DNAVYNTDSP	TENGEVERSS	FYDVQVAQAH	
eeeebebbbe ss f	e e e e e e e e e	ebeeebeebe sf s	bbebebbeee s s	eeeeeebbb ss
101 YMSIPRSGKG	111 KVGYTKEDGA	121 EFSSEANLSM	131 SWSSFEYAKD	141 VW <mark>VDVSLKTG</mark>
bbbbeeeee	eeeeeeeb	e b e e e b e b b b	bbbbeebee	bbbebebeee
s ff f	f f ffs	f s	ss sff f	s
151	161	171	181	191
QTISSADEVQ	IRPSSYDFEK	KLVDEDTIRI	KVPYSDAGYR	FSVEF <mark>D</mark> PQLY
eebeebeebe f s	beeeeeebee ff	eeeeeebeb f	ebeeeeebe f f f	bbbebeeebb ssfs f
201	211	221	231	241
TSYNDMSGNS	GKLTTVAEGN	RPIHTEPMNS	MMIFAEPKLQ	GEEEKRLIPN
ebeeeeeee f	f	eebeeeeeb ff f	ssff	eeeeeebee f
251	261	271	281	291
PSSGSIHYPE	EGEVKDLNTV	TEEIIYFKPG	TYHMGSDYHA	VLPPNVKWVY
eeeebeeee	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 bbeebbbebb	FRFFHDNQAQ bebeeeee	YKVTGYGVLS bebebebbbe	GEQYVYEADT beebbeeee	ANNYNALSGA
sffs sfss	s	fs ss f	sffs ff f	f
351	361	371	381	391
SNCHVTCVKM eebeebbeb	LQFESSNIGQ bebeeeee	QLDLQGVTIN ebebeebebe	EPPYHSFVVY eeeebbbbb	AHEGEKEIGV beeeeebeb
	s f f		ffffsss	f
401	411	421		
ENFRMNVENY			431	441
		DGIELYQGGT	MKNTFFNAND	DVLKMYHSDV
		DGIELYQGGT ebbebbeeee	MKNTFFNAND beeebbeee	DVLKMYHSDV
e e b e b e b e e b f 451	eebbebebee ffss f ff 461	DGIELYQGGT ebbebbeeee fs f s	MKNTFFNAND beeebbeee s f ff	DVLKMYHSDV ebbebbeeeb f f sff
eebebebeeb f 451 TIDNTVIWKN	eebbebebee ffss f ff 461 ENGPVIQWGW	DGIELYQGGT ebbebbeeee fs f s 471 TPRNIDNVNV	MKNTFFNAND beeebbee s f ff 481 TDTTVIHNRM	DVLKMYHSDV ebbebbeeeb f f sff 491 YWKDPKYNTC
eebebebeeb f 451 TIDNTVIWKN	eebbebebee ffss f ff 461 ENGPVIQWGW	DGIELYQGGT ebbebbeeee fs f s	MKNTFFNAND beeebbee s f ff 481 TDTTVIHNRM	DVLKMYHSDV ebbebbeeeb f f sff 491 YWKDPKYNTC bbeeeebeb
eebebebeeb 451 TIDNTVIWKN ebeebbbbee s sf	eebbebebee ffss f ff 461 ENGPVIQWGW eeeeebebbb fffff f ss	DGIELYQGGT ebbebbeeee fs f s 471 TPRNIDNVNV eeeebeebeb f	MKNTFFNAND beeebbeee s f ff 481 TDTTVIHNRM eebbbbbeb ss fs	DVLKMYHSDV ebbebbeeeb f f sff 491 YWKDPKYNTC bbeeeeeb f f
eebebebeeb 451 TIDNTVIWKN ebeebbbbee s sf 501 ILNSSSHWED	eebbebebee ffss f ff 461 ENGPVIQWGW eeeeebebbb fffff f ss 511 MGSTAKADPN	DGIELYQGGT ebbebbeee fs f s 471 TPRNIDNVNV eeeebeebeb f	MKNTFFNAND beeebbeee s f ff 481 TDTTVIHNRM eebbbbbeb ss fs	DVLKMYHSDV ebbebbeeeb f f sff 491 YWKDPKYNTC bbeeeeeb f f
eebebebeeb 451 TIDNTVIWKN ebeebbbbee s sf	eebbebebee ffss f ff 461 ENGPVIQWGW eeeeebebbb fffff f ss 511 MGSTAKADPN	DGIELYQGGT ebbebbeeee fs f s 471 TPRNIDNVNV eeeebeebeb f	MKNTFFNAND beeebbebee sffff 481 TDTTVIHNRM eebbbbbeb ssfs	DVLKMYHSDV ebbebbeeeb f f sff 491 YWKDPKYNTC bbeeeeeb f f
eebebebeeb f 451 TIDNTVIWKN ebeebbbbees s sf 501 ILNSSSHWED bbebeeebee f f	eebbebebee ffss f ff 461 ENGPVIQWGW eeeeebebbb fffff f ss 511 MGSTAKADPN eeeeeeee f	DGIELYQGGT ebbebbeeee fs f s 471 TPRNIDNVNV eeeebeebeb f 521 TTVKNMRFEN eebeebeebe	MKNTFFNAND beeebbeeesfff 481 TDTTVIHNRM eebbbbbebssfs 531 ITVEGMTNCA bebeebbebb ff	DVLKMYHSDV ebbebbeeeb f f sff 491 YWKDPKYNTC bbeeeeeb f f 541 MRIYALSNTE bbbbbbeee s f
eebebeeeb 451 TIDNTVIWKN ebeebbbbee s sf 501 ILNSSSHWED bbebeeebee f f	eebbebebee ffss f ff 461 ENGPVIQWGW eeeeebebbb fffff f ss 511 MGSTAKADPN eeeeeeee f	DGIELYQGGT ebbebbeeee fs f s 471 TPRNIDNVNV eeeebeebeb f 521 TTVKNMRFEN eebeebebee	MKNTFFNAND beeebbeee sfff 481 TDTTVIHNRM eebbbbbbeb ssfs 531 ITVEGMTNCA bebeebbebb ff	DVLKMYHSDV ebbebbeeeb f f sff 491 YWKDPKYNTC bbeeeeeb f f 541 MRIYALSNTE bbbbbbeee s f



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).