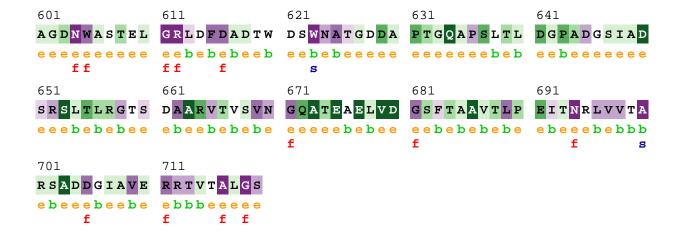
ConSurf Results for job:mrdex date:26/08/2025

1	11	21	31	41
MTALSARPAQ	RRRRGGVALA	AL <mark>A</mark> ALVFGSL	GTAAASAPAA	AAD <mark>E</mark> APT <mark>TW</mark> G
eeeeeeeee f ff	eeeebbbbbb	bbbebbeeee	eeeeeeee	eeeeebebbb ss
51	61	71	81	91
HDNAIATTGP	IADDQVRQSP	FYSASVASAA	D P A A G N D S F V	YLSVPRSGNG
eeeeeeee f	ebeeebeebe sf s	beebebbeee f s	eeeeeebbb ss	bbbbeeeee s ff f
101	111	121	131	141
KIGYTEQDGA	EFAADAGLSM	SWSSFEYSAD	ATVDVSLTTG	QTIDSVDQVT
eeeeeeeeb f f ffs	ebeeebebbb f s	bbbbbebbee ss s f	bbbebebeee s	eebeebeebe f s
151	161	171	181	191
IRPTDLGLHT	ELVDDTTVRV	TVPYSEGGYR	FSVEFDPQLF	TAYNDMSDAS
beeeeebee ff	eeeeeebeb f f	ebeeeeebe sf f f	bbbebeeebb ssfs f	ebeeeeeee f f
201	211	221	231	241
G L L T T E A E G N	RAVHTEPRNS	LMVFANAAPD	QAETERTIPT	EADGSIHRPA
eeeeeeee	eebeeeeeb ff f	bbbbbeeeee ssff	eeeeeebee f	eeeebeeee
251	261	271	281	291
EGRVNDLNDI	SEEIIYFEPG	VYDMGSDYHA	VLPANVRWVY	LAPGAYVKGA
eeebeebeeb f	eeebbbbebb s s	ebbbbbeeeb fs s	ebeeebebbb s s s	bbeebbbebb sffs sfss
301	311	321	331	341
FRFADNTQPH	YKVTGLGVLS	GEQYVYEPDT	TNGYEHNVNE	NCHSDCVKML
bebeeeeee s	bebebebbbe fs ss f	beebbeeeee sffs ff ff	f	ebeeebbebb sf ssf s
351	361	371	381	391
QFESSDDAQQ	LELQGVTIAN	PPYHSFV <mark>V</mark> YQ	HDDIGEVLVT	DFTMTVDDYK
	bebeebebee s f f	eeeebbbbbb ffffsss	eeeeebebe f	ebebebeebe s f f
401			_	441
		S D T F F H A N D D		
	bbebbeeeeb s f s	eeebbebeee s f fff	bbebbeeebe f sff	
	461		481	
		N T D V I H N R M Y		F N S S T H W E D M
eeeebebbbe ffff f ss		ebbbbbbbb sssss	beeeeeebb f f s	
501			531	
		RVEGKVNCAV		
eeeeeeeee f f	ebeebebeeb f f	ebeebbebbb ff	bbbbeeeee s	bebeebebee f
551		571	581	
		GERVTLGDEM		
beeeeeeee f		eeebebeeee s f	eeeeebebee	bebeeeebee s



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).
- x Insufficient data the calculation for this site was performed on less than 10% of the sequences.