ConSurf Results for job:DATnat date:14/08/2023

1	11	21	31	41
M <mark>SKSKCSVGL</mark>	MSSVVAPAKE	PNAVGP <mark>K</mark> E <mark>VE</mark>	<mark>LILV</mark> K E Q N G V	Q <mark>L</mark> T <mark>SS</mark> TL <mark>T</mark> NP
51	61	71	81	91
RQSPVEAQDR	ETWGKKIDFL	LSVIGFAVDL	ANVWRFPYLC	YKNGGGAFLV
	e e e e e b b	bebbbbbbb f sss	bbbbbbbbb ss ssss s	eebebbbbbe sfs ss f
101	111	121	131	141
PY <mark>LL<mark>F</mark>MVIAG</mark>	MPLFYMELAL	GQFNREGAAG	VWKICPILKG	V <mark>GFTV</mark> ILI <mark>S</mark> L
bbeebbeebb ss s	ebbbbbbbb s s	bbebeebbbb ss	bbeebeebbb f s	bbebbebbe s
151	161	171	181	191
YVGFFYNVII	AWALHYLFSS	FTTELPWIHC	NNSWNSPNCS	DAHPGDSSG <mark>D</mark>
bbbbbbbbb ss	bbbbebbeeb s	eeeebebeeb fs s	eeeeeeebe ff s	eeeeeeeee f
201	211	221	231	241
SSGLNDTFGT	T P A A E Y F E R G	VLHLHQSHGI	DDLGPPRWQL	TACLVLVIVL
e e e e e e e e e	bbbbbeee	bbebeebebb s	eeeeeeeeb f	e e b b e e b b e e
251	261	271	281	291
LYFSLWKGVK	TSGKVVWITA	TMPYVVLTAL	LLRGVTLPGA	IDGIRAYLSV
beeebeebee fs	eeeeeeebb fffffffss	ebbeebbeeb sf s	eeebeebeeb f f fs fs	eebeeebeee sf f
301	311	321	331	341
DFYRLCEASV	WIDAATQVCF	SLGVGFGVLI	AFSSYNKFTN	NCYRDAIVTT
eeeeeeeeb f s	ebebbbbbbb f s s	bbbbbbbbb s s	bbbbebeeeb sfs f	ebeebbeebb f s
351	361	371	381	391
SINSLTSFSS	GFVVFSFLGY	MAQKHSVPIG	DVAKDGPGLI	FILYPEAIAT
eebbebbeeb s ss	bebbbbbbb s s s	bbeeeeeee s f	ebeeeebbbb s f s	bbbbbbbee s ss s
401	411	421	431	441
LPLSSAWAVV	FFIMLLTLGI	DSAMGGMESV	ITGLIDEFQL	LHRHRELFTL
beebeeebee f	bbebbbebbe ss s	ebbebebbbb fs f	bbbebeeee f	e e e e e e b b e
451	461	471	481	491
FIVLATFLLS	LFCVTNGGIY	VFTLLDHFAA	GTSILFGVLI	EAIGVAWFYG
e b b e e b b e e b	eebbbbbbbb s	bbebbeebbb f	bbbbebbe	bbebbbeeee s ff
501	511	521	531	541
VGQFSDDIQQ	MTGQRPSLYW		F <mark>L</mark> LF <mark>V</mark> VVVSI	VTFRPPH <mark>Y</mark> GA
beebbebbee	beeeebeeeb s	eebbeeebbe s	bbeebbeebe	e e e e e b e b e e
551	561	571	581	591
YIFPDWANAL	GWVIATS SMA	MVPIYAAYKF	CSLPGSFREK	LAYAIAPEKD
eebeeebbee f	beeebeebbe s	ebeeeeeee f	е	

601 611

RELVDRGEVR QFTLRHWLKV

The conservation scale:

1 2 3 4 5 6 7 8 9

Variable Average Conserved

- 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.