## ConSurf Results for job:PSD95 date:15/05/2024

1	11	21	31	41 NTDTLEAPGY
M <mark>D</mark> C <mark>L</mark> CIVTTK	KY <mark>RYQDED</mark> TP	PLEHSPAHLP	NQANSPPVIV	
51	61	71	81	91
ELQVN <mark>G</mark> TEGE	Meyeeitler	GNSGLGFSIA	GGTDNPHIGD	DPSIFITKII
101	111	121	131	141
PGGAAAQDGR	LRVNDSILFV	NEVDVREVTH	SAAVEALKEA	GSIVRLYVMR
151	161	171	181	191
<b>RKPPAEKVME</b>	IKLIKGPKGL	GFSIAGGVGN	QHIPGDNSIY	VTKIIEGGAA
201 HKDGRLQIGD	211 KILAVNSVGL	221 <b>EDVMHEDAVA</b>	231 <b>ALKNTYDVV</b> Y	241 LKVAKPSNAY
251	261	271	281 <b>DYPTAMTPTS</b>	291
LSDSYAPPDI	TTSYSQHLDN	EISHSSYLGT		PRRYSPVAKD
301 LLGEE <mark>D</mark> IP <mark>R</mark> E	311 PRRIVIHRGS	321 TGLGFNIVGG	331 EDGEGIFISF	341 ILAGGPADLS
351 GELRKGDQIL	361 SVNGVDLRNA	371 SHEQAAIALK	381 NAGQTVTIIA	391 <b>QYKPEEYSRF</b>
401	411	421	431	441
EAKIHDLREQ	LMNSSLGSGT	<b>ASLRSNPKRG</b>	FYIRALFDYD	KTKDCGFLSQ
451	461	471	481	491
<b>ALSFRFGDVL</b>	HVIDASDEEW	WQARRVHSDS	ETDDIGFIPS	K R R V E R R E W S
501 RLKAKDWGS	511	521	531	541
	sgsQG <mark>R</mark> EDsV	L <mark>S</mark> YETVTQME	VHYARPIIIL	GPTKDRANDD
551	561	571	581	591  KDIQAHKFIE
LLSEFPDKFG	S C V P H T T R P K	R E Y E I D G R D Y	HFV <mark>S</mark> SREKME	

601 611 621 631 641 SANAVRRLQA AHLHPIAIFI AGQYN<mark>S</mark>HLYG TSVQSV<mark>RE</mark>VA EQGKHCILDV 651 661 671 681 691 RPRSLENVLE INKRITEEQA RKAFDRATKL EQEFTECFSA IVEGDSFEEI 701 711 721 YHKVKRVIED LSGPYIWVPA RERL

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