ConSurf Results for job:TLR5m date:18/08/2024

1	11	21	31	41
MWTLAFHMVF	IGSYLQGIAC	YPS <mark>CTLY</mark> GIV	ANCAMQHHYW	V P A L P P N I T D
e e e b b b b b b b f	bbbbebeeb	beebeeeee s	bbbebeebee	beebeeebee f
51	61	71	81	91
LYLEMNYIGE	INSSSLRRYD	QLQQVDLGSQ	KVQLVIRNNA	FLRQRKLIKL
bbbebebbee s f s	beeebbeebe f ss	ebeebeeeee s s f	e b e b b b e e e b	beebeebeeb s s s s
101	111	121	131	141
VLGNTQLQLE	PRAFAGLFNL	QNLFLDHCNL	ADSILAESYL	QPLLSLEKLD
ebeeebeebe f f	eebbeebeeb ss fs s	eebebeebeb s s s s	eebbbeeebb s	eebeebeebe fs fs
151	161	171	181	191
LSGNKIVRLR	PGLFFSKLTK	FTQLNLKLNR		GFQGKYFTL
beeeebeebe s f	eeebbeebee f s	beebebee f	beebbeeebe sf fs	ebeeeebebb ff
201	211	221	231	241
NLQSNYVRYS	DDFDWERCGN	PFRGMAFNTL	DLSSNGFSVT	IARNFFKAIQ
ebeeebbee	eeeeeebee s f	ebeebbbebb f s	f f	e b e e b b e b b e
251	261	271	281	291
GTPIAHVILS ebebbbbebb	GHMGKGFSFN bbbbebeeee	NLPDPDKNTF ebeeeeeb	EGLMNSSVTI	LDLSKNYIFT bebbeeebbb
fs	s f	f fff fs	fs s	f s s
301	311	321	331	341
LQKAFLSPLK	DAKI <mark>ID</mark> ISMN	KINQINRNAF	DGLQDHLRLL	N L S S N L L G E I
DQKAFUSPLK beeebbeebe s		KINQINRNAF ebeebeeebb f s ss	DGLQDHLRLL eebeeebeeb f s s	NLSSNLLGEI ebbeebbeeb f s f ff
beeebbeebe	e b e b b e b b e e	e b e e b e e e b b	e e b e e e b e e b	e b b e e b b e e b
beeebbeebe s s	ebebbebbee f	ebeebeeebb f s ss	eebeeebeeb f s s	ebbeebbeeb f s f ff
beeebeebee	ebebbebbee f 361 LRVLDLSYNY	ebeebeeebb f s ss	eebeeebeeb f s s 381 GLPKLRALYL	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb
beeebeebee	ebebbebeeeb fsf f	ebeebeeebb f s ss 371 IGALGYEAFS bbbbbeebbe	eebeebeebe f s s 381 GLPKLRALYL ebeebeebeb s s s s	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb
beeebbeebee s s 351 YSHTFTNLTD beeebeebee fs s	ebebbebbee f 361 LRVLDLSYNY bebbebeeeb fsf f	ebeebeeebb f s ss 371 IGALGYEAFS bbbbbeebbe s s	eebeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff
beeebbeebee 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL	ebebbebeeeb fsf f 411 LLGDNRLTSI	ebeebeeebb f s ss 371 IGALGYEAFS bbbbbeebbe s s	eebeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f	ebebbebee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeebeeb f	ebeebeeebb f s ss 371 TGALGYEAFS bbbbbeebbe s s 421 YNINKLGNNS eebeebeeeb	eebeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbebb
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f	ebebbebee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeebeeb f	ebeebeeebb f s ss 371 IGALGYEAFS bbbbbeebbe s s 421 YNINKLGNNS eebeebeeeb	eebeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbeb
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f 451 TQFRHLQTFF	ebebbebbee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeeebeeb f	ebeebeeebb f s ss 371 TGALGYEAFS bbbbbeebbe s s 421 YNINKLGNNS eebeebeeeb	eebeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f 481 LRVLDLHDSS	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbebb
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f 451 TQFRHLQTFF eebeebebbb	ebebbebbee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeeebeeb f 461 YGGNLIKWCS beeeebeebe f	ebeebeeebb f s ss 371 IGALGYEAFS bbbbbeebbe s s 421 YNINKLGNNS eebeebeeeb 471 QNVTVPHNNS eeeeeeee	eebeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f 481 LRVLDLHDSS bebbebeeeb sfs f	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbebb 491 LHIIWGRGEC bebbbeeeb s s
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f 451 TQFRHLQTFF eebeebebbb	ebebbebbee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeeebeeb f 461 YGGNLIKWCS beeeebeebe f 511	ebeebeeebb f s ss 371 IGALGYEAFS bbbbbeebbe s s 421 YNINKLGNNS eebeebeeeb 471 QNVTVPHNNS eeeeeeee	eebeeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f 481 LRVLDLHDSS bebbebeeeb sfs f	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbebb 491 LHIIWGRGEC bebbbeeeebs s s s
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f 451 TQFRHLQTFF eebeebebbb	ebebbebbee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeeebeeb f 461 YGGNLIKWCS beeeebeebe f 511	ebeebeeebb f s ss 371 IGALGYEAFS bbbbbeebbe s s 421 YNINKLGNNS eebeebeeeb 471 QNVTVPHNNS eeeeeeee	eebeeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f 481 LRVLDLHDSS bebbebeeeb sfs f	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbebb 491 LHIIWGRGEC bebbbeeeeb s s s 541 SNALTFLQPD eebbebbeee
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f 451 TQFRHLQTFF eebeebebbb 501 LNLFDHLENL bebbeebeeb	ebebbebbee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeeebeeb f 461 YGGNLIKWCS beeeebeebe f 511 QGLNLSLNSL eebebeeebb s f	ebeebeeebbees 371 IGALGYEAFS bbbbbeebbes 421 YNINKLGNNS eebeebeeeb 471 QNVTVPHNNS eeeeeeee	eebeeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f 481 LRVLDLHDSS bebbebeeeb sfs f 531 LGSITEIDLS bbbbeebebb s s s	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbebb 491 LHIIWGRGEC bebbbeeeeb s s 541 SNALTFLQPD eebbebbeee f sf
beeebbeebe s s 351 YSHTFTNLTD beeebeebee fs s 401 PAPLPNLDFL beebeebeeb f 451 TQFRHLQTFF eebeebebbb 501 LNLFDHLENL bebbeebeeb s 551 IFPVSLKRLD	ebebbebbee f 361 LRVLDLSYNY bebbebeeeb fsf f 411 LLGDNRLTSI bbeeeebeeb f 461 YGGNLIKWCS beeebeebe f s 511 QGLNLSLNSL eebebeeebb s f	ebeebeeebbeess 371 IGALGYEAFS bbbbbeebbess 421 YNINKLGNNS eebeebeeeb 471 QNVTVPHNNS eeeeeeee	eebeeebeeb f s s 381 GLPKLRALYL ebeebeebeb s s s s 431 IYVDVADNKL ebbebeeeb f 481 LRVLDLHDSS bebbebeeeb sfs f 531 LGSITEIDLS bbbbeebebb s s f s	ebbeebbeeb f s f ff 391 TGNSLRVLGS eeebbeebeb ff 441 TNLDDIFVIL eebeebbebb 491 LHIIWGRGEC bebbeeeb s s 541 SNALTFLQPD eebbebbeee f sf

The conservation scale:



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).