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NTDB id 1323 RA0C RS07335 WP 004916218.1	MRQPLEDREVTISRAKFTVNYPASFMLVASMNPSPSCGFIPDDPNMT.SSSFEMQRYLNKLSGPLLDRIDTHIEVQKVEFD	397
NTDB id 220112 OTEC02 RS17675 WP 081175527.1	LRQPLESKEITISRAARQITYPANFQLTAAMNPCPCGYAFNQDSRCQCSPESIKRYQNRISGPLLDRIDTHIDVPPKKAQ	391
NTDB id 1271 LPP RS03220 WP 011213198.1	LREPLESCHICISRAAAQIEFFPAKFQLTAAMNPCPCGQWGNMQANCMCTPDRISRYLAKLSAPLLDRIDMQVTTHALSQE	394
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREPLESCHICISRAAAQIEFFPAKFQLTAAMNPCPCGQWGNMQANCMCTPDRISRYLAKLSAPLLDRIDMQVTTHALSQE	394
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LREPLESGEIVISRAQCKTRFPARFQLVGAALNPSPTCYYEGSQAR..ANPQSILRYLSRLSGPLLDRFDMSTIEIPALPKG	392
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LREPLESGEITISRAQCKTRFPARFQLVGAALNPSPTCYYEGNQAR..TNPQAILRYLGRLSGPLLDRFDMSTIEIPALPKG	392
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LRQPLESGEITISRANAKVQFPACFQLTAAMNPSPTCGHYQGTTHNR..TSPQQIMRYLNRLSGPFLDRFDSLIEVPLLPQG	395
NTDB id 1349 HI 1117 AAC22771.1	LRQPLESGEITISRANAKVQFPARFQLVGAAMNPSPTCGHYGTTHNR..TSPQQIMRYLNRLSGPFLDRFDSLIEVPLLPQG	396
consensus	*! !!!!!*****!!!! * * *!!!!*!!!!*****!!!!*!! * * * ** * !!! * * *!!!!!! ! * ***** *	

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NTDB id 1323 RA0C RS07335 WP 004916218.1	QLSDK..RKGESSEITRQRVLKAREIQQERYQDLAISYNAQMGPKIEIHFCEIDEVSLLLIKNAMEKLNLSARAYDRILK	475
NTDB id 220112 OTEC02 RS17675 WP 081175527.1	ELQDPTP..AEDSSSVRQRVIYAYKQQMQRQS...CINQALSPKQIEQFAVL DSTSQRMIEMAQQRLNLSARAYHRLR	465
NTDB id 1271 LPP RS03220 WP 011213198.1	ELIKPNTHLEKQSLATREKVTKMFETQMARQD...SLNANLNSKTCEMVCELGSEEQFLREVMSKLKLSARGYHRLK	470
NTDB id 1248 GC085 RS03150 WP 011213198.1	ELIKPNTHLEKQSLATREKVTKMFETQMARQD...SLNANLNSKTCEMVCELGSEEQFLREVMSKLKLSARGYHRLK	470
NTDB id 1153 A1552VC RS00115 WP 000521788.1	TLANG.GDRGESTAAVRQRVWVARERMLARSG...KVNALLQSREIEYQCPLLKADAEFLESALHRLGLSTRAYHRIK	467
NTDB id 1397 DSB67 RS15690 WP 005535577.1	TLSEG.GDRGEPTAIVKERVNQARD CMLARSG...KVNALLQSREIEBAFCPLQKSDAEFLENATHRLGLSTRAYHRIK	467
NTDB id 1387 A4U84 RS06900 WP 020457569.1	ALQNNTDQRGETTEQARKRVLEARHLQFNRRG...KINAQLTTKEIEQDCKLTDRDALFLENATKLGLSVRAYHRILK	471
NTDB id 1349 HI 1117 AAC22771.1	SLQNT.GDRGETSAQVREKVLKVREIQMERAG...KINAYLNSKEIERDCKLNDKDAEFLEKATNKLGLSVRAYHRILK	471
consensus	! *** * * * * ! * * * * * ! * ! * * * * ! * ! * * * * * ! * ! * * * * * ! * ! * * * * *	

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NTDB id 1323 RA0C RS07335 WP 004916218.1	VSRTIADLIERETNIQSHHTAEATQYRSIDRDFWKV.....	510
NTDB id 220112 OTEC02 RS17675 WP 081175527.1	VARTIADLAQSEMIQSSHLTEALS YRCNHS.....	495
NTDB id 1271 LPP RS03220 WP 011213198.1	VSRTIADLNSSKKVLLNHLQQAALSYKQNLHLPK.....	503
NTDB id 1248 GC085 RS03150 WP 011213198.1	VSRTIADLNSSKKVLLNHLQQAALSYKQNLHLPK.....	503
NTDB id 1153 A1552VC RS00115 WP 000521788.1	VARTIADLQGEACIARPHLAEALGYRAMDRL LKQISAQNV	507
NTDB id 1397 DSB67 RS15690 WP 005535577.1	VARTIADLEGSPQIERTHLAEALGYRAMDRL LKQITAQAV	507
NTDB id 1387 A4U84 RS06900 WP 020457569.1	VSRTIADLAGEACIQQPHLAEALGYRAMDRL LQRLQGES.	510
NTDB id 1349 HI 1117 AAC22771.1	VSRTIADLQGEQCIQFQPHLAEALGYRAMVRL LKQISNM..	509
consensus	!*!!!!!!* ** !***!* !*** ** *	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved