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NTDB id	1323	RAOC	RS07335	WP	004916218.1	.MLVKKYVGS	AIHGVSAQTTITIEVNVVDQGV	.GVHVLVGLPDNAIKESSHRISAALKNVGVYKLP	PGKKKITINMAPADLR	KEGSA	78				
NTDB id	1271	LPP	RS03220	WP	011213198.1	MSLAFTK	TRSTIGTIV	AQPVSV	EVHLSNGLPSFT	MTVGLAETA	AVKESKDRVRS	AIINSQFEFPCRK	ITVNLGPANLPK	TGSG	80
NTDB id	1248	GC085	RS03150	WP	011213198.1	MSLAFTK	TRSTIGTIV	AQPVSV	EVHLSNGLPSFT	MTVGLAETA	AVKESKDRVRS	AIINSQFEFPCRK	ITVNLGPANLPK	TGSG	80
NTDB id	213810	SEEM1958	RS24405	WP	000050219.1	MSLAFTK	TRAAALGVN	APPITIE	EVHLSNGLPGLT	MTVGLPETTVKE	ARDVRS	AIINSGYEFP	PAKKITIN	LAPADLPKEGGR	80
NTDB id	1153	A1552VC	RS00115	WP	000521788.1	MGLAI	THSRASIGV	QAPPVTV	EVHLSNGMPGFT	TLVGLPETTVKES	RDRVRS	AIINSRFEFP	PAKRITVNL	LAPADLPKEGGR	80
NTDB id	1397	DSB67	RS15690	WP	005535577.1	MGLAI	THSRASIGV	QAPSVSV	EVHLSNGMPGFT	TLVGLPETTVKES	KDRVRS	AIIVNSNFQFP	PAKRITVNL	LAPADLPKEGGR	80
NTDB id	1349	HI	1117	AAC22771.1	MSLAIV	YSRASMGV	QAPLVT	IEVHLSNGKPGFT	TLVGLPEKTVKE	AAQDRVRS	ALMNAQFKY	PAKRITVNL	LAPADLPKEGGR	80	
NTDB id	1387	A4U84	RS06900	WP	020457569.1	MSLAIV	YSRASIGVE	APLVT	IEVHLSNGSPGLT	LVGLPEKSVKE	AAQDRVRS	ALMNAFNDY	PARRITIN	LAPADLPKEGGR	80
consensus						*!*									



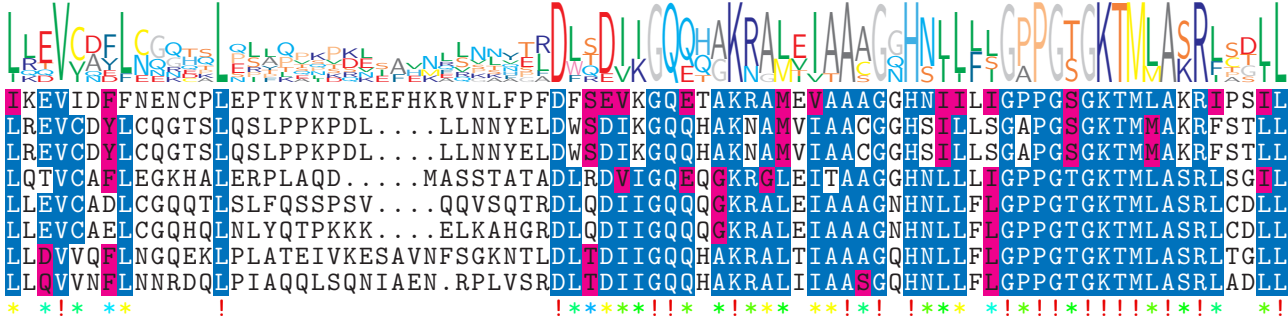
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NTDB id 1271 LPP RS03220 WP 011213198.1	FDLPIALGILAASEFIPLTNLANHEFIGELALSSELRGVSAIIPAVLAAHKDNQHLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASEFIPLTNLANHEFIGELALSSELRGVSAIIPAVLAAHKDNQHLIIANANAAEASLTGHQKVFTANN	159
NTDB id 213810 SEEM1958 RS24405 WP 000050219.1	YDLPPIAVALAASEQLTASNLEAYELVVELALTGALRGVPGAIISSATEAIRA.GRNTIVATENAAEVGLISKEGCFIADH	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAASDQIARNKLESYEFIGELALSSEIRGVKGVLPAAALANQV.ERCLVVPHSNGDQAALVGVERHKSACS	159
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLPIALGILAASEQIATDKLKNYEFVVELALSGGLRITVKGVLPAAALANKK.QRHLVVPHANCDQAALVGKEQHKSACS	159
NTDB id 1349 HI 1117 AAC22771.1	FDLPIATGILAASDQLDASHLKQFEFVAELALTGGLRGVHGVIPAIALAAQKS.KRELIIAKQNANAEASLVSQNTYFCAQT	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIATGILAASQIDSDKLIKRIELLGELSLTGHRLRGVHGAIPAVLAASKA.KREIIVPQQNANAEASLVSNTQTYCAST	159
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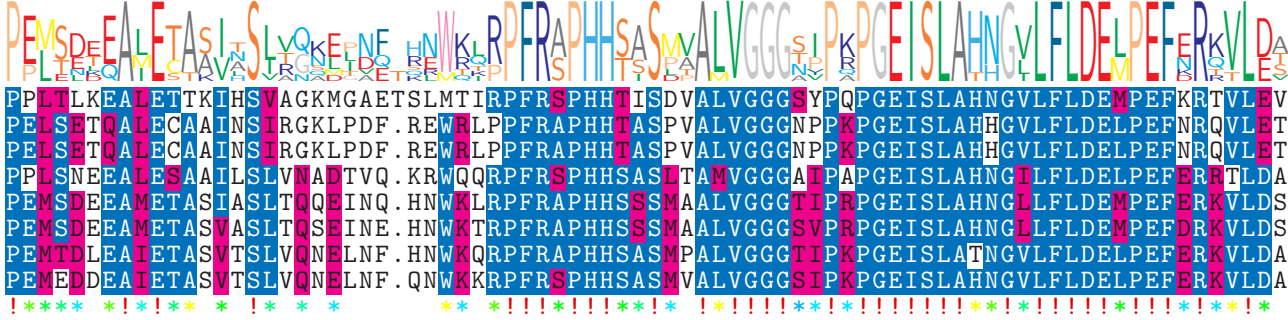
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NTDB id 1271 LPP RS03220 WP 011213198.1	LREVCYDL CQGTS LQSLPPKPDLL...LLNNYELDWSDIKGGQGHAKNAMVIAACGGHSILLSGAPSGSKTMMAKRFSTLL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVCYDL CQGTS LQSLPPKPDLL...LLNNYELDWSDIKGGQGHAKNAMVIAACGGHSILLSGAPSGSKTMMAKRFSTLL	235
NTDB id 213810 SEEM1958 RS24405 WP 000050219.1	LQTVCAFLLEGKHALERPLAQD...MASSTATADLRDVGEGEQGKRGLITAAGGHNLLLIGPPGTGKTMLASRLSGIL	234
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEVCAIDL CQGQTL SFLQSSPSV...QQVSQTRDLQDIIGQQQGHAKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVCAEL CQGQHL NLYQTPKKK...ELKAHGRDLQDIIGQQGHAKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1349 HI 1117 AAC22771.1	LLDVVQFLNGQEKLPATEIVKESAVNFSGKNTLDLTDIIGQQGHAKRALITAAAGQHNNLLFLGPPGTGKTMLASRLTGIL	239
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQVNVNLLNRRDQLPIAQLSQNIAEN.RPLVSRDLTDIIGQQGHAKRALITAAAGQHNNLLFLGPPGTGKTMLASRLADLL	238
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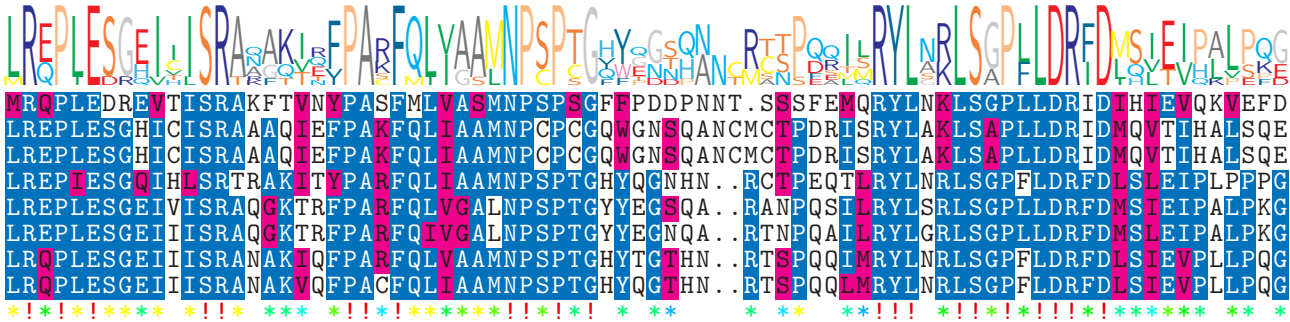
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NTDB id 1271 LPP RS03220 WP 011213198.1	PELSEETCALECAAINSTRGKLPDF.REWRLLPFRAPHHTASPVALVGGGNPPKPKGEISLAHNGVLFDELDELPEFNRRQVLET	314
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NTDB id 213810 SEEM1958 RS24405 WP 000050219.1	PPLSNEEALESAAILSLVNADTVQ.KRWQQRPRFRSPHHSASLTAMVGGGAIPAPGEISLAHNGTILFLDELDELPEFERRTLDA	313
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NTDB id 1349 HI 1117 AAC22771.1	PEMTDLDEAETASVTSLVQNELNF.HNWKQRPRFRAPHHSSAMPALVGGGTIPKPKGEISLATNGVLFDELDELPEFERKVLD	318
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMEDLEAETASVTSLVQNELNF.QNWKQRPRFRSPHHSASMVALVGGGSIPKPKGEISLAHNGVLFDELDELPEFERKVLD	317
consensus	!**** *!*!*** * !* * * * **** *!*****!**** * !*****!****!*****!****!****!	



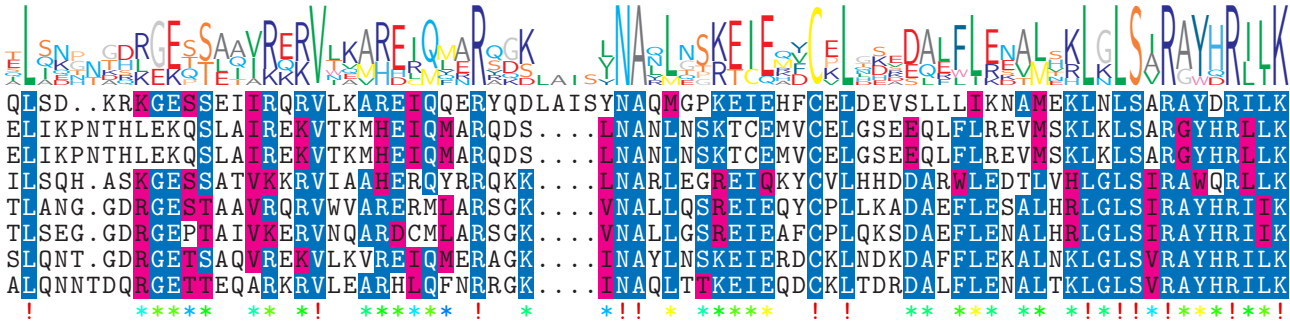
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consensus



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NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus



☒ non conserved
☒ similar
☒ ≥ 50% conserved