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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPPVTVVHLSNGPGETLVGLPETTVKESDRVRSALINSQFEFPAKRITYNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSAIHGVSAQTITIEVNVDCGV.GYHLVGLPDNALIKESSHRTISAALKNVGYKLPCKKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTKTRSTIGIVAQPVSVVEVHLSNGLPSFTFMVGLAETAVKESKDRVRSALINSQFEFFPCRKITVNLGPANLPKTCGSG	80
NTDB id 176207 SEEA8692 RS23070 WP 000050222.1	MSLAFTKTRSTIGIVAQPVSVVEVHLSNGLPSFTFMVGLAETAVKESKDRVRSALINSQFEFFPCRKITVNLGPANLPKTCGSG	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MSLAIVHTRAALGVNAPPITIEVHISNGLPGLTMVGLPETTVKEARDRVRSALINSQFEFPAKKITINLAPADLPKEGGR	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLAIITHSRASIGVQAPPVTVVHISNCGMPGFTLVGLPETTVKESRDRVRSALINSRFEFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MGLAIITHSRASVGVQAPSVSVVEVHISNCGMPGFTLVGLPETTVKESKDRVRSALVNSNFQFPAKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIVYSRASMGVQAPLVTTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR	80
consensus	MSLAIVYSRASIGVEAPLVTTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNAFDPARRITINLAPADLPKEGGR	80



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NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAASQQLIAPETERYLIMGELSLDGGLQPTKGVLPFIATRAREEGFGKITLPKQNTREAAITVNDLEVYGVEN	158
NTDB id 1271 LPP RS03220 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVVLAHKKD.NQHLLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVVLAHKKD.NQHLLIIANANAAEASLTGHQKVFTANN	159
NTDB id 176207 SEEA8692 RS23070 WP 000050222.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVVLAHKKD.NQHLLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	YDLPIAVALLAASEQLTASNLEAYELVGEALITGALRGVPGAISSEATEAIPA.GRNITIVATENAAEVGLTSKEGCFIADH	159
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLPIALGILAASEQIATDKLKNYEFVGEALALSGGLRITVKGVLPAALAANKK.QRHLVVPHANGDCAALVGKEQHKSAGS	159
NTDB id 1349 HI 1117 AAC22771.1	FDLPIALGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIALGILAASGQIDSDDKLKRIEELGELSLTGHLRGVHGAIPAVVLAASKA.KRETIVPQQNANEVSLVSNLTQTYCAST	159
consensus	FDLPIALGILAASGQIDSDDKLKRIEELGELSLTGHLRGVHGAIPAVVLAASKA.KRETIVPQQNANEVSLVSNLTQTYCAST	159



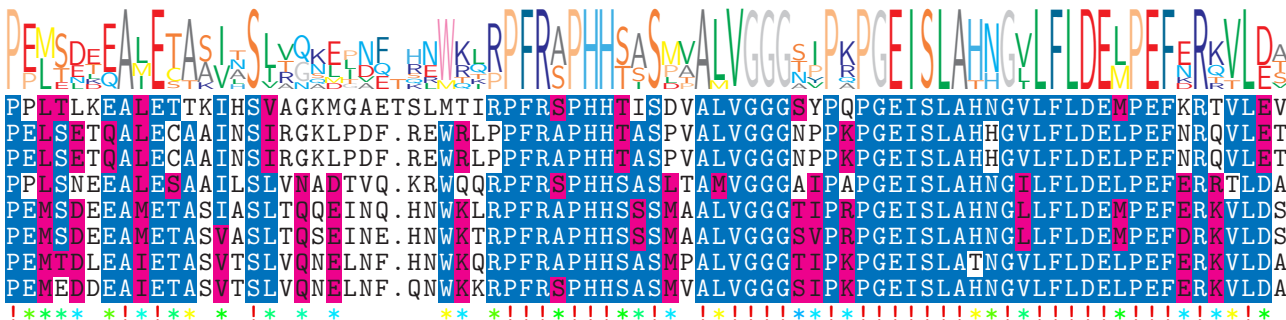
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NTDB id 1271 LPP RS03220 WP 011213198.1	LREVCDFELCGQTSLSLSPPKPDL...LLNNYELDWSDIKQQHAKNAMVIAACGGHSILLSCAPGSGKTMMAKRFSTLL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVCDFELCGQTSLSLSPPKPDL...LLNNYELDWSDIKQQHAKNAMVIAACGGHSILLSCAPGSGKTMMAKRFSTLL	235
NTDB id 176207 SEEA8692 RS23070 WP 000050222.1	LQTVCAFLEGGKHALERPLAQN...ASSTATADIRDVIGQEQCKRGLEITAAAGCHNLLFLGPPGTGKTMLASRLSGTL	234
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEVCADLCGQQTLSLFQSSPSV...QQVSQTRDLQDIIGQQQCKRALEIAAAGCHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVCDELGGQHLNLYQTPKKK...ELKAHGRDLQDIIGQQQCKRALEIAAAGCHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1349 HI 1117 AAC22771.1	LLDVVQFLNGQEKPLATEIVKESAVNFSGKNTLDLTDIIGQQHAKRALIAAAGCHNLLFLGPPGTGKTMLASRLTGLL	239
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQVVNFLNNRDQLPIAQQLSQNIEN.RPLVSRDLTDIIGQQHAKRALIAAAGCHNLLFLGPPGTGKTMLASRLADLL	238
consensus	LLEVCDFELCGQTSLSLSSKPKLNNYTRDLSLIIQQHAKRALIAAAGCHNLLFLGPPGTGKTMLASRLSDLL	238



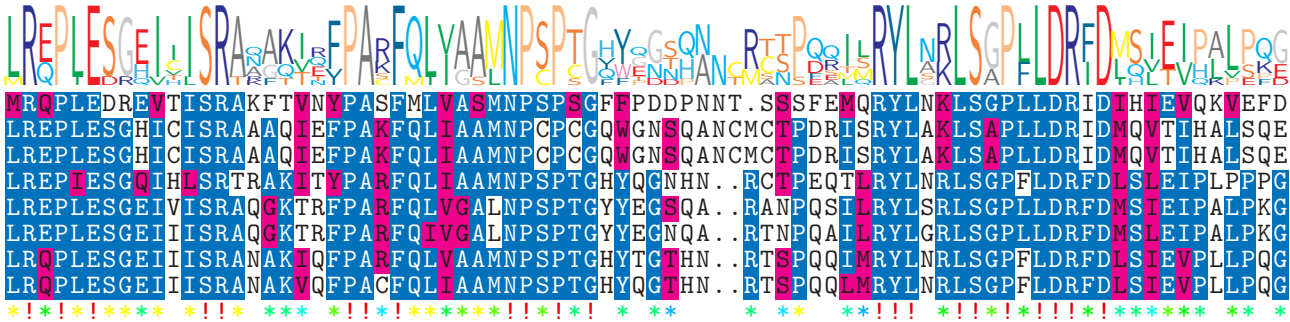
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NTDB id 1271 LPP RS03220 WP 011213198.1	PELSETQALECAAINIRGKLPDF.REWRLLPFRAPHHTASPVALVGGGNPPKPGEISLAHNGVFLFDELPEFNRQVLET	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETQALECAAINIRGKLPDF.REWRLLPFRAPHHTASPVALVGGGNPPKPGEISLAHNGVFLFDELPEFNRQVLET	314
NTDB id 176207 SEEA8692 RS23070 WP 000050222.1	PPLSNEEALESAAILSLVNADTVQ.KRWQQRPFRRSPHHSASLTAMVGGGATPAPGEISLAHNGTLFDELPEFERRTLDA	313
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PEMSDEEAMETASIASLTQEQINQ.HNWKLRRPFRAPHHSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLDS	314
NTDB id 1397 DSB67 RS15690 WP 005535577.1	PEMSDEEAMETASVASLTQSEINE.HNWKTRPFRAPHHSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLDS	314
NTDB id 1349 HI 1117 AAC22771.1	PEMTDLEALETASVTSLVQNELNF.HNWKKRRPFRAPHHSSMAPVGGGTIPKPGEISLATNGVFLFDELPEFERKVLDA	318
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMEDDEALETASVTSLVQNELNF.QNWKKRRPFRSPHHSASMPVAVGGGTIPKPGEISLAHNGVFLFDELPEFERKVLDA	317
consensus	PEMSEEALETASISLVQKELNF.HNWKKRRPFRSPHHSASMPVAVGGGTIPKPGEISLAHNGVFLFDELPEFERKVLDA	317



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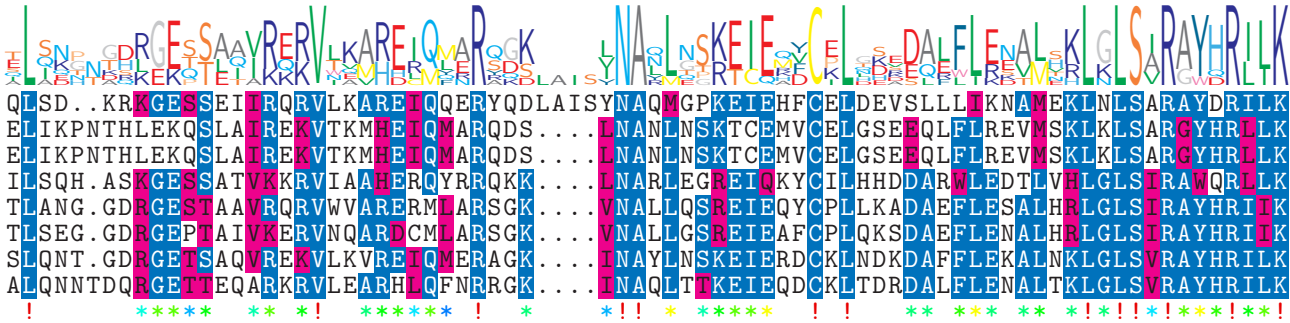
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NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus



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NTDB id 1271 LPP RS03220 WP 011213198.1
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NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus



510
503
503
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510

☐ non conserved
☒ similar
☒ ≥ 50% conserved