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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPLVTVVHLSNGPGETLVGLPETTVKESDRVRSALINSQEFPAKRITVNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSAIHGVSAQTTITIEVNVDDGV.GYHLVGLPDNAIKESSHRISAALKNVGYKLPKGGKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAINSQFEFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1060728 ACF7MT RS23080 WP 032620478.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAINSQFEFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MSLSVVYTRAAIGVKAPLISVEVHLSNGLPGLTTLVGLPETTVKEARDRVRSAINSGYAFPAKKITINLAPADLPKEGGR	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSAINVSNFQFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MGLAIIHSRASIGVQAPPVTVVEVHISNGMPGFTLVGLPETTVKESRDRVRSAINSRFEFPAKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIVYSRASMGVQAPLVTTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAPKRITVNLAPADLPKEGGR	80
consensus	MSLAIIYSRASIGVEAPLVTTIEVHISGGSPGLTTLVGLPEKSVKEAQDRVRSALMNANFDYPARRITINLAPADLPKEGGR	80



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NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAASQQLITIAPEIERYLIMGELSLDGGQLPIKGVLPPIARAREEGFGKTIILPKQNTREAAIVNDLEVYGVEN	158
NTDB id 1271 LPP RS03220 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1060728 ACF7MT RS23080 WP 032620478.1	YDLPIAIALLAASEQLNTPGLSSCEFVGELALTGALRGVPGAISGALEAIRA.GRQTIIVANENASEVSLTAEKGCLVAGH	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALAAANKK.QRHLVVPHANGDQAALVGKEQHKSAQS	159
NTDB id 1349 HI 1117 AAC22771.1	FDLPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAAANQV.ERCLVVPHSNGDQAALVGVERHKSQAQS	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIAIGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT	159
consensus	FDLPIAIGILAASGQIDSDKLKRIFELGELSLTGHLRGVHGAIPAVLAASKA.KRETIIVPQQNANEVSLVSNTQTFCAST	159



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NTDB id 1271 LPP RS03220 WP 011213198.1	LREVCDFLCQGTSLQSLPPKPDLLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVCDFLCQGTSLQSLPPKPDLLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 1060728 ACF7MT RS23080 WP 032620478.1	LQEVCAWLEGRHELAEPQENDE...VAPASPEDLSDIMGQEQGKRALEITAAGGHNLLFGPPGTGKTMLASRLSGLL	234
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVCAELCGQHQLNLYQTPKKK...ELKAHGRDLQDIIGQQQKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
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NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALTIAAAGQHNLLFLGPPGTGKTMLASRLADLL	238
consensus	LLEVCDFCCGRTSLLQENCKLNNYTRDLSLIGQQHAKRALEIAAGGHNLLFGPPGTGKTMLASRLSDLL	238

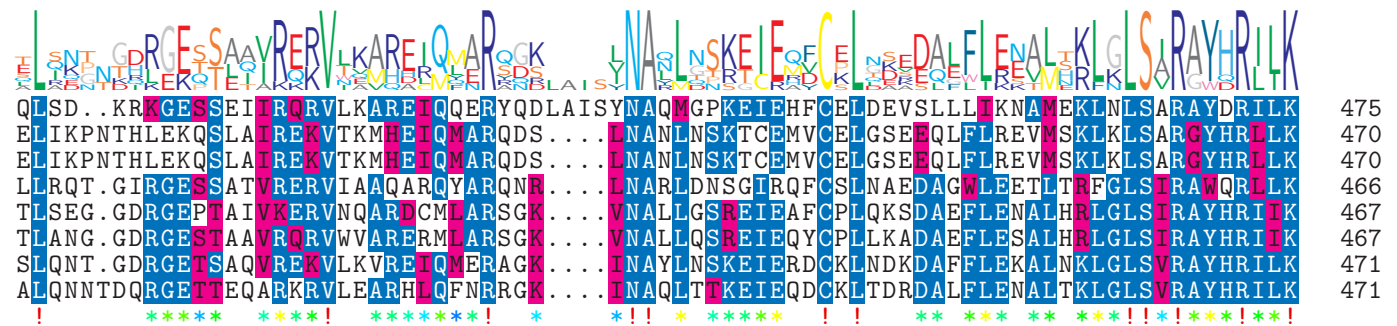


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NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETQALECAAINSIRGKLPDF.REWRLLPFRAPHHTASPVAVLGGGNPPKPGGEISLAHHGVFLDELPEFNRQVLET	314
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NTDB id 1397 DSB67 RS15690 WP 005535577.1	PEMSDEEAMETASVASLTQSEINE.HNWKTRPFRAPHHSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLDS	314
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PEMSDEEAMETASIASLTQEQINQ.HNWKLRPFRAPHHSSMAALVGGGTIPRPGGEISLAHNGLLFLDEMPEFERKVLDS	314
NTDB id 1349 HI 1117 AAC22771.1	PEMTDLEAIETASVTSLVQNELNF.HNWKRPFRAPHHSASMPALVGGGTIPKPGGEISLATNGVFLDELPEFERKVLDA	318
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMTDLEAIETASVTSLVQNELNF.HNWKRRPFRSPHHSASMPALVGGGSIPKPGGEISLAHNGVFLDELPEFERKVLDA	317
consensus	PEMSDIEALETASISLVQKEPNEHNWKRPFRAPHHSASMAALVGGGSIIPGGEISLAHNGVFLDELPEFERKVLDA	318



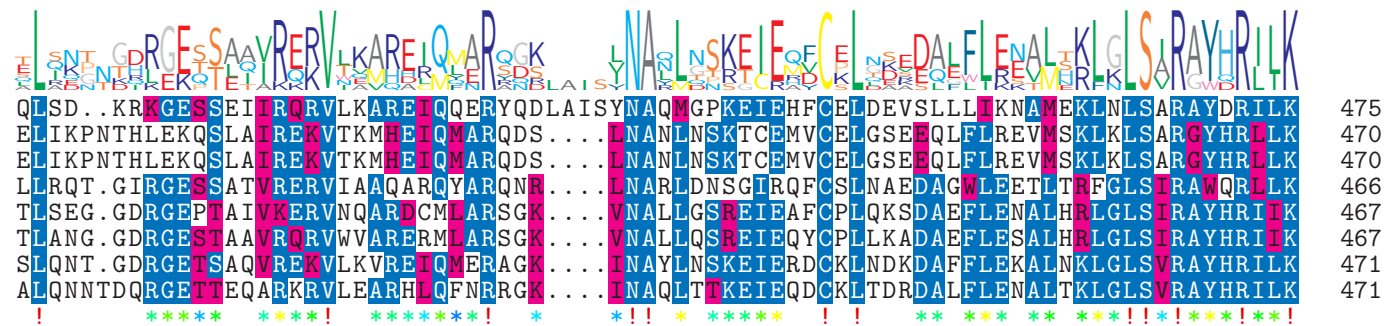
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NTDB id 1060728 ACF7MT RS23080 WP 032620478.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus
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NTDB id 1323 RA0C RS07335 WP 004916218.1
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NTDB id 1060728 ACF7MT RS23080 WP 032620478.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
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 1060728 ACF7MT RS23080 WP 032620478.1
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NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

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- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved