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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRAIGVAPVTVYEVHLSNGPGETLVGLPETAVKESDRVRSALNSQEEFPARRITYNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSAIHGVSAQTTITIEVNVDDGV.GYHLVGLPDNAIKESSHRISAALKNVGYKLPGKKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1016507 ABYA78 RS31375 WP 049308005.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MSLAIVHSRAQVGVEAPCVSVEAHLANGLPSLTIVLGLPETAVRESKDRVRSALLNAGDFDPARRITLNLAPADLPKDGGGR	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLVGLPETTVKESRDRVRSALINSRFEFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSALVNSNFQFPAPKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIVYSRASMGVQAPLVTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR	80
consensus	MSLAIIYSRASIGVEAPLVTIEVHISGGSPGLTLVGLPEKSVKEAQDRVRSALMNANFDYPARRITLNLAPADLPKEGGR	80

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NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAAASQQLPDKKNYEEGELALSGLRGVGVPAALAAKRRLLIYPKQNAEASLVGLQGVYAY	158
NTDB id 1271 LPP RS03220 WP 011213198.1	YDLSTIALGILAASGQIIAPEIERYLIMGELSLDGGQLPIKGVLPPIARAREEGFGKTIILPKQNTREAAIVNDLEVYGVEN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1016507 ABYA78 RS31375 WP 049308005.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAASGQILPGTAFDGLCELGELALSGAIRPVRGVLPAAALAARDA.RRVLVVPKENAEASLASGLTVFAVDH	159
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAANKV.ERCLVVPHSNGDQAALVGVERHKSQAS	159
NTDB id 1349 HI 1117 AAC22771.1	FDLPIALGILAASEQIATDKLKNYEFVGLALSGGLRTVKGVLPAALAANKK.QRHLVVPHANGDQAALVGKEQHKSAQS	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIALGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT	159
consensus	FDLPIALGILAASGQIDSDKLKRIELLGELSLTGHLRGVHGAIPAVLAASKA.KRETIIVPQQNANEVSLVSNQTQYCAST	159

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NTDB id 1323 RAOC RS07335 WP 004916218.1	LLEVCDFCCQGLIYQRLNRYERDLSDIIGQQAHRALIAAGHNLLFGPPGTGKTMLASRLSDLL	238
NTDB id 1271 LPP RS03220 WP 011213198.1	IKVEIDFFNECNPLEPTKVNTREEFHKRVLNLPFDFSEVKGQETAKRAMEVAAAGGHNIIILGPPGSGKTMMAKRIPSTIL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVCDFLCQGTSLQSLPPKPDLL...LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRIFSTLL	235
NTDB id 1016507 ABYA78 RS31375 WP 049308005.1	LREVCDFLCQGTSLQSLPPKPDLL...LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRIFSTLL	235
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEIAGHLSGQAPLPPYQARGLL...RAPFPYPDLAEVQGQAAAKRALLVAAAGAHNLLSGPPGTGKTLLASRLPGLL	235
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVCADLCGQQTLSLFQSSPSV...QQVSQTRDLQDIIGQQQKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1349 HI 1117 AAC22771.1	LLEVCACELCGQHQLNLYQTPKKK...ELKAHGRDLQDIIGQQQKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLDVVQFLNGQEKPLATEIVKESAVNFSGKNTLLDLDIIGQQHAKRALTIAAAGQHNLLFLGPPGTGKTMLASRLTGLL	239
consensus	LLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIAAASGQHNLLFLGPPGTGKTMLASRLADLL	238

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NTDB id 1323 RAOC RS07335 WP 004916218.1	PEMSDEALEETASISLYQKEPNFRNWKRPFRAPHHSASMVAVLVGGSPKPGEISLAHNGVFLDELPEFERKVLLEY	318
NTDB id 1271 LPP RS03220 WP 011213198.1	PPLTLKEALETTKIHSVAGKMGAEISLMTIRPFRSPHHTISDVAVLVGGSSYPQPGEISLAHNGVFLDEMPFEKRTVLEV	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETQALECAAINSIRGKLPD.FREWRLPPFRAPHHTASPVAVLVGGNPPKPGEISLAHNGVFLDELPEFNRQVLET	314
NTDB id 1016507 ABYA78 RS31375 WP 049308005.1	PELSETQALECAAINSIRGKLPD.FREWRLPPFRAPHHTASPVAVLVGGNPPKPGEISLAHNGVFLDELPEFNRQVLET	313
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PALDEDEALEVAIIHSVA.SHYP.LRHWPQRPFRRQPHHSASAPALVGGSSRPQPGEITLAHQGVFLDELPEFERKVLV	314
NTDB id 1397 DSB67 RS15690 WP 005535577.1	PEMSDEEAMETASIASLTQKEIN.QHNWKLRPFRAPHHSASSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLDS	314
NTDB id 1349 HI 1117 AAC22771.1	PEMSDEEAMETASVASLTQSEIN.EHNWKTTPFRAPHHSASSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLDS	314
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMTDLEAIETASVTSLVQNELN.FHNWKRPFRRAPHHSASMPALVGGGTIPKPGEISLATNGVFLDELPEFERKVLDA	318
consensus	PEMEDAEIETASVTSLVQNELN.FQNWKKRPFRSPHHSASMVAVLVGGSIKPGEISLAHNGVFLDELPEFERKVLDA	317

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consensus

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- X non conserved
- X similar
- X $\geq 50\%$ conserved