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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPLVTVEVHLSNGKPGFTLVGLPETVKESDRVRSALINSFEFPAKRITVNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSAIHGVSAQTTITIEVNVDQGV.GYHLVGLPDNAIKESSHRTISAALKNVGYKLPKGGKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1162863 ABNR90 RS04875 WP 048339516.1	MSLAFTTKTRSTIGIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSALINSQFEFFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MSLALVYSRALSGMNAPLVEVEAHLANGLPHFNIVGLPDTEVKESRDRVRAAIIQSGFEFFPAKKITVNLAPADLPKESGR	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLAIIHSRASIGVQAPPVTIVEVHISNGMPGFTLVGLPETTVKESRDRVRSALINSRFEFFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MGLAIIHSRASVGVQAPSVSVEVHISNGMPGFTLVGLPETTVKESKDRVRSALVNSNFQFPAPKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIVYSRASMGVQAPLVTTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR	80
consensus	MSLAIIYSRASIGVEAPLVTTIEVHISGGSPGLTTLVGLPEKS VKEAQDRVRSALMNAFDPARRITINLAPADLPKEGGR	80

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NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAAASQIQAIAKLNKFEFELALSGLRGVGYLPAALAAK	158
NTDB id 1271 LPP RS03220 WP 011213198.1	YDLSTALGILAASGQIIAPETIERYLIMGELSLDGGQLPIKGVLPPIAIRAREEGFGKTIILPKQNTREAAIVNDLEVYGVEN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHK.DNQHLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1162863 ABNR90 RS04875 WP 048339516.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHK.DNQHLIIANANAAEASLTGHQKVFTANN	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDLPIALGILAASGQVAPEKLAIEYEFAGELALSGLLRPVRGALAMAWQGMQ.AKRAFVLPEENAGQAAMVRGITVYGAR	159
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDLPIALGILAASDQIARNKLESYEFIGELALSGETIRGVKGVLPAALAAANQ.VERCLVPHSNGDQAALVGVERHKSQA	159
NTDB id 1349 HI 1117 AAC22771.1	FDLPIALGILAASEQIATDKLNKYEFVGLALSGGLRTVKGVLPAALAAANK.KQRHLVVPHANGDQAALVGKEQHKSA	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDLPIALGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQK.SKRELIIAKQNANEASLVSDQNTYFAQT	159
consensus	FDLPIALGILAASGQIDSDKLKRIFELGELSLTGHLRGVHGAIPAVLAASK.AKRETIIVPQQNANEVSLVSNQTQYCAST	159

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NTDB id 1323 RAOC RS07335 WP 004916218.1	LLEVCDFNCGESLITQSPKLDLSDIKGQQAHRALIAAAGHNLLFLGPPGTGKTMLAKRLISD	238
NTDB id 1271 LPP RS03220 WP 011213198.1	LKEVIDFFNENCPLEPTKVNTREEFHKRVNLFPFDFSEVKGQETAKRAMEVAAAGGHNIIILGPPGSGKTMLAKRIPSTIL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVCDFLCQGTSLQSLPPKPDLL...LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 1162863 ABNR90 RS04875 WP 048339516.1	LREVCDFLCQGTSLQSLPPKPDLL...LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	237
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LGEVAAHLNGIEPLAQTECSVPQ..MPSEHGGQPDLCQVKGQHTARLALeiaaaaggHsllmmgppgtgksmlsqrlpgil	235
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVCADLCGQQTLSLFQSSPSV...QQVSQTRDLQDIIGQQQKGRALeiaaagnhnllflgppgtgktmlasrlcdll	235
NTDB id 1349 HI 1117 AAC22771.1	LLEVCACELCGQHQLNLYQTPKKK...ELKAHGRDLQDIIGQQQKGRALeiaaagnhnllflgppgtgktmlasrlcdll	239
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQVNVFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIAAASGQHNLFLGPPGTGKTMLASRLADLL	238
consensus	LLEVCDFNCGESLITQSPKLDLSDIKGQQAHRALIAAAGHNLLFLGPPGTGKTMLAKRLISD	238

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NTDB id 1323 RAOC RS07335 WP 004916218.1	PEMSDEAEETASISLQNEPNEFHNKLRPFRAPHHSAAMVGVGGSPKPGELSLAHNGVFLDELPEFERKVL	318
NTDB id 1271 LPP RS03220 WP 011213198.1	PPLTLKEALETTKIHSVAGKMGAEISLMTIRPFRSPHHTISDVALVGGGSYPQPGELSLAHNGVFLDEMPFEKRTVLE	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETQALECAAINSIRGKLPD.FREWRLPFRAPHHTASPVVALVGGGNPPKPGELSLAHNGVFLDELPEFNRQVLE	314
NTDB id 1162863 ABNR90 RS04875 WP 048339516.1	PELSETQALECAAINSIRGKLPD.FREWRLPFRAPHHTASPVVALVGGGNPPKPGELSLAHNGVFLDELPEFNRQVLE	315
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PPLADELVEVWALRSLLPNHQQ..QLDSNRPFRSPHHGASAAAMVGGGSDPRPGEISLAHNGVFLDELPEFDRKVL	314
NTDB id 1397 DSB67 RS15690 WP 005535577.1	PEMSDEEAMETASIASLTQSEIN.QHNWKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLDS	314
NTDB id 1349 HI 1117 AAC22771.1	PEMSDEEAMETASVASLTQSEIN.EHNWKTTPFRAPHHSSSMAALVGGGSVPRPGEISLAHNGLLFLDEMPEFDRKVLDS	314
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMTDLEAIETASVTSVLQNELN.FHNWKLRPFRAPHHSASMPALVGGGTIPKPGELSLAHNGVFLDELPEFERKVLDA	318
consensus	PEMTDLEAIETASVTSVLQNELN.FHNWKLRPFRAPHHSASMPALVGGGTIPKPGELSLAHNGVFLDELPEFERKVLDA	317

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NTDB id 1349 HI 1117 AAC22771.1
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consensus

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