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NTDB id 1323 RAOC RS07335 WP 004916218.1	MSLAIVYSRASIGVAPVTVYEVHLSNGPGETLVGLPEITAVKESDRVRSALNSQFEFPARRITYNLAPADLPKEGGR	78
NTDB id 1271 LPP RS03220 WP 011213198.1	.MLVKKVYGSIAIHGVSAQTITIEVNVDDGV.GYHLVGLPDNAIKESSHRTISAALKNVGYKLPGKKITINMAPADLRKEGSA	80
NTDB id 1248 GC085 RS03150 WP 011213198.1	MSLAFTTKTRSTIGIVAQPVSVVEVHLSNGLPSFTMVGLAETAVKESKDRVRSATINSQFEFPCRKITVNLGPANLPKGTGSG	80
NTDB id 143046 TP37 RS21140 WP 007974562.1	MSLAFTTKTRSTIGIVAQPVSVVEVHLSNGLPSFTMVGLAETAVKESKDRVRSATINSQFEFPCRKITVNLGPANLPKGTGSG	80
NTDB id 1153 A1552VC RS00115 WP 000521788.1	MSLALVHSRARVGVHAPEVRVEVHLSGGLPSTQIVGLPEAAVRESRERVRAALLCAQFEFPARRITINLAPADLPKEGGR	80
NTDB id 1397 DSB67 RS15690 WP 005535577.1	MGLAIIHSRASIGVQAPPVTVEVHLSNGMPGFTLVGLPETTVKESRDRVRSATINSRFEFPAKRITVNLAPADLPKEGGR	80
NTDB id 1349 HI 1117 AAC22771.1	MGLAIIHSRASVGVQAPSVSVVEVHLSNGMPGFTLVGLPETTVKESKDRVRSATVNSNFQFPAKRITVNLAPADLPKEGGR	80
NTDB id 1387 A4U84 RS06900 WP 020457569.1	MSLAIVYSRASMGVQAPLVTTIEVHLSNGKPGFTLVGLPEKTVKEAQDRVRSALMNAQFKYPAKRITVNLAPADLPKEGGR	80
consensus	***!*** *****!*!* *****!*****!*****!!!!** *****!*****!*** *****!*****!*****!*****	

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NTDB id 1323 RAOC RS07335 WP 004916218.1	FDLPIALGILAAASQIIEEFGELALGRLGVGVPAALAAKRLLYPANAEEASLVGHGVYTTQNT	158
NTDB id 1271 LPP RS03220 WP 011213198.1	YDLSIALGILAASGQIIAPEIERYLIMGELSLDGGLQPIKGVLPPIATRAREEGFKGITLPKQNTREAAIVNDLEVYGVEN	159
NTDB id 1248 GC085 RS03150 WP 011213198.1	FDPPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIANANAAEASLTGHQKVFTANN	159
NTDB id 143046 TP37 RS21140 WP 007974562.1	FDPPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHKD.NQHLLIANANAAEASLTGHQKVFTANN	159
NTDB id 1153 A1552VC RS00115 WP 000521788.1	FDPPIALGILAASGQIDRQALADYEFGLGELALTGELRGVDGVLPAALAAAQA.GRRLLIVPLANGAEAAIAGHVEAFTART	159
NTDB id 1397 DSB67 RS15690 WP 005535577.1	FDPPIALGILAASDQIARNKLESYEFIGELALSGEIRGVKGVLPAALAAANQV.ERCLVVPHSNGDQAALVGVERHKSAQS	159
NTDB id 1349 HI 1117 AAC22771.1	FDPPIALGILAASEQIATDKLKNYEFVVGELALSGGLRTVKGVLPAALAAANKK.QRHLVVPHANGDQAALVGKEQHKSAQS	159
NTDB id 1387 A4U84 RS06900 WP 020457569.1	FDPPIALGILAASDQLDASHLKQFEFVAELALTGQLRGVHGVIPAILAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT	159
consensus	***!***!*****!*!* ***** *****!*****!***** *****!*****!*****!*****	

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NTDB id 1323 RAOC RS07335 WP 004916218.1	LLEVCDYLCQGTSLQSLPPKPDLL...LNNYELDWSIDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	238
NTDB id 1271 LPP RS03220 WP 011213198.1	LREVCDYLCQGTSLQSLPPKPDLL...LNNYELDWSIDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVCDYLCQGTSLQSLPPKPDLL...LNNYELDWSIDIKGQQHAKNAMVIAACGGHSILLSGAPGSGKTMMAKRFSTLL	235
NTDB id 143046 TP37 RS21140 WP 007974562.1	LLDVCAATLNGSQKAPAAELAVQAL...GARALPDMAVVRGQPHARRALEIAAADGHHLLLVGSPGCGKTLASRLPGLL	235
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEVCAADLCGQQTLSLFQSSPSV...QQVSQTRDLQDIIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVCAELCGHQHLNLYQTPKKK...ELKAHGRDLQDIIIGQQQGKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id 1349 HI 1117 AAC22771.1	LLDVVQFLNGQEKPLPLATEIVKESAVNFSGKNTLDLTDIIIGQQHAKRALTIAAAGQHNLLFLGPPGTGKTMLASRLTGLL	239
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQVVNFLNNRDQLPIAQQLSQNIAEN.RPLVSRDLTDIIIGQQHAKRALTIAASGQHNLLFLGPPGTGKTMLASRLADLL	238
consensus	***!* * * ***** !*****!* ***** !***** !*****!*****!*****!***** *	

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NTDB id 1323 RAOC RS07335 WP 004916218.1	PEMSDEALETASISLYQKELNEHNWKKRPERAPHHTASVALVGGGTIPKPGEISLAHNGVFLDELPEFERKVL	318
NTDB id 1271 LPP RS03220 WP 011213198.1	PPLTLKAELETTKTHSVAGKMGAEATSLMTIRPFRSPHHTISDVALVGGGSYPQPGEISLAHNGVFLDEMPEFKRTVLEV	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETQALECAAINSIRGKLP.DFREWRLLPFRAPHHTASPVALVGGGNPPKPGEISLAHNGVFLDELPEFNRQVLET	314
NTDB id 143046 TP37 RS21140 WP 007974562.1	PEASEAAELETAAISSISGRGLDLARWRQRPYRAPHHTASAVALVGGGTHPRPGEISLSHNGVFLDELPEWQRQTLEV	314
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PEMSDEEAMETASIASLTQQEIN.NQHNWKKLRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGVFLDEMPEFERKVLD	314
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NTDB id 1349 HI 1117 AAC22771.1	PEMTDLEAIETASVTSVLVQNEL.NFHNWKKRFRAPHHSSAMPALVGGGTIPKPGEISLATNGVFLDELPEFERKVLD	318
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMEDDEAIETASVTSVLVQNEL.NFQNWKKRFRPFRSPHHSASMPALVGGGSIPKPGEISLAHNGVFLDELPEFERKVLD	317
consensus	!***** *!*** *!* ***** * *****!*****!*****!*****!*****!*****!*****!*****	

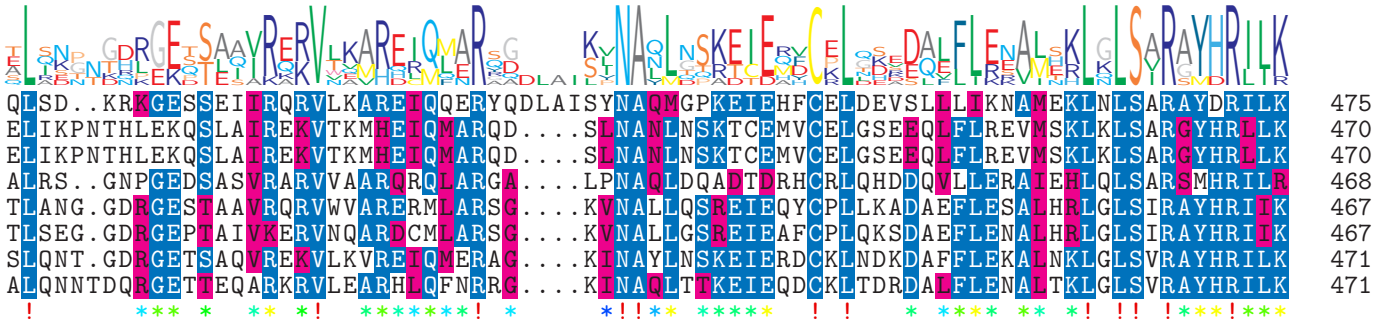
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consensus



☒ non conserved
☒ similar
☒ ≥ 50% conserved