

NTDB id	1323	RAOC RS07335 WP 004916218.1	.MLVVKVYGS A IHGVSAQTITTEVNVDQGV.GYHLVLGLPDNATIKESSHRISAAIKNVGYKLPCKKITINMAPADLRKEGSA	78
NTDB id	1271	LPP RS03220 WP 011213198.1	MSLAFTKTRSTIGTIVAQPVSEVEHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLCGANLPKTGSG	80
NTDB id	1248	GC085 RS03150 WP 011213198.1	MSLAFTKTRSTIGTIVAQPVSEVEHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLCGANLPKTGSG	80
NTDB id	1115608	EC7215 RS00350 WP 000058976.1	MSLSIVHTRAALGVNAAPPITVEVHISEKGLPCLTMVGLPETVKEARDVRSAIINSGYEYPAKKITINLAPADLPKEGGR	80
NTDB id	1153	A1552VC RS00115 WP 000521788.1	MGLAIIHSRASIGVQAPPVTVEVHISNGMPGFTLMVGLPETTVKESRDRVRSAIINSRFEFPAKRITVN LAPADLPKEGGR	80
NTDB id	1397	DSB67 RS15690 WP 005535577.1	MGLAIIHSRASVGQAQPSVSEVEHLSNGMPGFTLVGLPETTVKESKDRVRSAIIVNSNFQFPAKRITVN LAPADLPKEGGR	80
NTDB id	1349	HI 1117 AAC22771.1	MSLAIVYSRASMGVQAPLVLTIEVHLSNGKPGLTFVLGLPEKTVKEAQDRVRSAIMNAAFQFKYPAKRITVN LAPADLPKEGGR	80
NTDB id	1387	A4U84 RS06900 WP 020457569.1	MSLAIIVSRASIGVEAPLVTIEVHISGGSPGLTLVLGLPEKS VKEAQDRVRSAIMNANFDYPARRITIN LAPADLPKEGGR	80
consensus			* * ! * * * * * * * ! * ! * * * * ! ! * * * * ! ! * * * * ! ! * * ! * * * ! * * ! * * ! * * ! * * ! * *	

NTDB id	1323	RAOC RS07335 WP 004916218.1	YDLSTALGILAASGGTIIAPEIERVYLIMGELSLDGGGLQPIKGVLPATIRAREEGFGKITLTKQNTREAAIVNDLEVYGVEN	158
NTDB id	1271	LPP RS03220 WP 011213198.1	FDPILPALGILAASEQIPLTNLANHEFIGELALSSELRGVSATIPAVLAAHKD.NQHLLIANANAAEASLTGHQKVFTANN	159
NTDB id	1248	GC085 RS03150 WP 011213198.1	FDPILPALGILAASEQIPLTNLANHEFIGELALSSELRGVSATIPAVLAAHKD.NQHLLIANANAAEASLTGHQKVFTANN	159
NTDB id	1115608	EC7215 RS00350 WP 000058976.1	YDLPPIATADLAASEQTANKLDEVELVGELALTGALRGVPCTISSATEAIKS.QRKTIIVAKDNEDEVGLINGEGCLIA DH	159
NTDB id	1153	A1552VC RS00115 WP 000521788.1	FDPILPALGILAASDQIARNKLESVEFIGELALSSEITRGVKGVLPAAALANQV.ERCLVVPHSNGDQAALVGVERHKS AQS	159
NTDB id	1397	DSB67 RS15690 WP 005535577.1	FDPILPALGILAASEQIATDKLKNYEFVGELALSGGLRTVKGVLPAALAAKK.QRHLLVYPHANGDQAALVGKEQHKS AQS	159
NTDB id	1349	HI 1117 AAC22771.1	FDPPIATGILAASDQLDASHLKQFEFVAELATGQLRGVHGVIAPALAAQKS.KRELIIAKQNANEASLVSDQNTYFAQT	159
NTDB id	1387	A4U84 RS06900 WP 020457569.1	FDPPIATGILAASQIDSDSKLKRIETLLGELSITGHLRGVHGAIPAVLAASKA.KRETIIVPQQNANEASLVSN TQTYCAST	159
consensus			*!!*!!**!!!!!* * * **** * !! * ! * **** * **! * * *** * !* ** *	

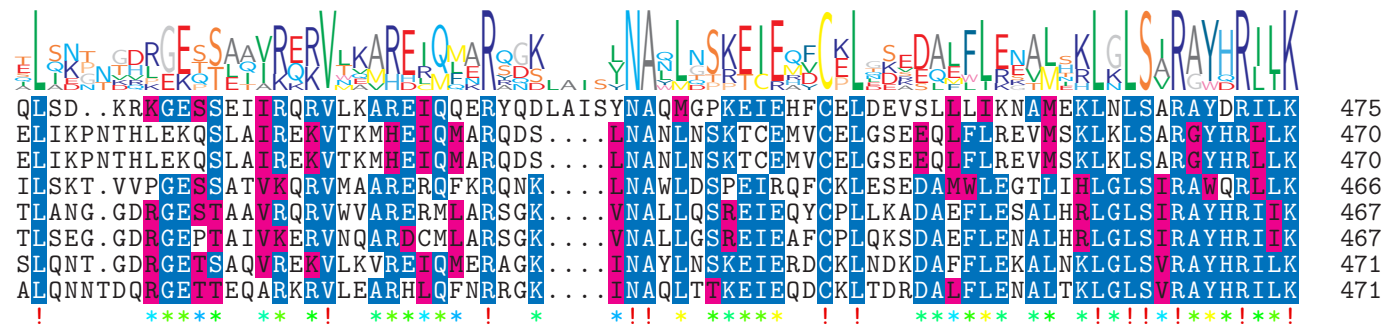
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NTDB id	1271	LPP RS03220 WP	011213198.1	IREVCDYL	CQGTSLSLPPPKPDL... LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSCAPGSGKTMMAKRFSTLL	235	
NTDB id	1248	GC085 RS03150 WP	011213198.1	IREVCDYL	CQGTSLSLPPPKPDL... LLNNYELDWSDIKGQQHAKNAMVIAACGGHSILLSCAPGSGKTMMAKRFSTLL	235	
NTDB id	1115608	EC7215 RS00350 WP	000058976.1	LQAVCAFL	EGKHALLERPKPTDA... VSRALQHDLSDVVGGEQEKGRLLEITAAAGGHNLLLIGPPGTGKTMLASRLINGLL	234	
NTDB id	1153	A1552VC RS00115 WP	000521788.1	LLEVCAIDL	CGQQTSLFQSSPSV... QQVSQTRDLQDII	IGQQQCKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id	1397	DSB67 RS15690 WP	005535577.1	LLEVCAEL	CGQHQLNLYQTPKKK... ELKAHGRLQDII	IGQQQCKRALEIAAAGNHNLLFLGPPGTGKTMLASRLCDLL	235
NTDB id	1349	HI 1117 AAC22771.1		LLDVVQFL	NGQEKLPLATEIVKESAVNFSGKNLTL	DLTDIIGQQHAKRALTIAAAGQHNNLLFLGPPGTGKTMLASRLTGLL	239
NTDB id	1387	A4U84 RS06900 WP	020457569.1	LLQVNVFL	NNRDQLPIAQQLSQNIAEN.RPLVSRDL	TDIIGQQHAKRALTIAASGQHNNLLFLGPPGTGKTMLASRLADLL	238
consensus				* * ? * *	! * * * * ! * * * * * * * ! * * * * * * * ! * * * * * * * ! * * * * * * *		

[illegible]

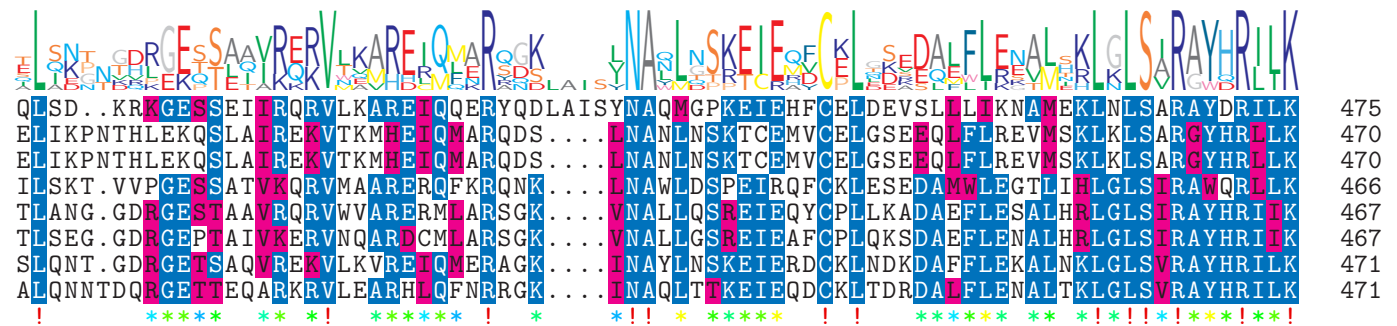
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NTDB id 1323 RA0C RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1115608 EC7215 RS00350 WP 000058976.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
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
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1115608 EC7215 RS00350 WP 000058976.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
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
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1115608 EC7215 RS00350 WP 000058976.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

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