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NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTITGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVKALLPA	85
NTDB id 1384 A4U84 RS08525 WP 010787006.1	MSVLTITGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVKALLPA	0
NTDB id 28875 RBAM RS11645 WP 012117985.1		0
NTDB id 96 BSU 24730 NP 390353.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	EKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLWVEPYQTTKSAFLYALAKHYPELGLPVPPPPSGEGQKDLKLGE	170
NTDB id 1384 A4U84 RS08525 WP 010787006.1	EKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLWVEPYQTTKSAFLYALAKHYPELGLPVPPPPSGEGQKDLKLGE	0
NTDB id 28875 RBAM RS11645 WP 012117985.1		0
NTDB id 96 BSU 24730 NP 390353.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	LLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLLLRSDALRYGAVPIGF	255
NTDB id 1384 A4U84 RS08525 WP 010787006.1	LLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLLLRSDALRYGAVPIGF	0
NTDB id 28875 RBAM RS11645 WP 012117985.1		0
NTDB id 96 BSU 24730 NP 390353.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	QNGEVEVWLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREALKEALEVQKGLPRAKPLGEIL	340
NTDB id 1384 A4U84 RS08525 WP 010787006.1	QNGEVEVWLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREALKEALEVQKGLPRAKPLGEIL	0
NTDB id 28875 RBAM RS11645 WP 012117985.1		0
NTDB id 96 BSU 24730 NP 390353.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	VELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATMLGIPICDPEEDPIFDISPSRWQPNLLPKOLLRRYLWVP	420
NTDB id 1384 A4U84 RS08525 WP 010787006.1	VELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEEDP.....PDPGAPLLLPEDLCRRYGVFP	39
NTDB id 28875 RBAM RS11645 WP 012117985.1	MSQYTICEQQTIRIFDISPSRWQKNCEEKQLLLRYLAVP	0
NTDB id 96 BSU 24730 NP 390353.1		0
consensus	* * * * *	

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NTDB id 1028 TT RS08215 WP 011173991.1	VRITGNRLVLLVKDPRNLTALFVRLMTRKGLNKETAIATAAEAAATKKLTNALSPQEPPFYCKSELSEYEQEFAKKQAEVEVPS	498
NTDB id 1384 A4U84 RS08525 WP 010787006.1	HRLEGNRLVLLMKDPRNLTALDDVRLALKRKGLNYEVAPAVATEAAATKLT.....ERFYGKAELSETAKEFAKKQAEVEVPS	109
NTDB id 28875 RBAM RS11645 WP 012117985.1	VQETEHKLWLAADDENNTACEIFAFM.TH....KQTEPVVIASDEIKYLTNALSPQQPIYEESELAFVEQE.....QE	0
NTDB id 96 BSU 24730 NP 390353.1		0
consensus	** * * * ** * * * * * * * * *	

NTDB id 1028 TT RS08215 WP 011173991.1	P L E L D E S A A Q K F V K Q V I R E A F L Q D A S D I H T E P R C N D V Q V R L R I D G A L R P Y S T L P K A L N A V I S V V K I M G G L N I A E K R L P Q D G R V R	583
NTDB id 1384 A4U84 RS08525 WP 010787006.1	Q L N L . N D P T I Q L L D N L F K F C L A Q N A S D I H I E P R K Q K L I T I L R I D G V I H L Y K S L S I Q L A S R L I S H I K L L A K L D I S E L R Q P Q D G Q F S	193
NTDB id 28875 RBAM RS11645 WP 012117985.1	 M K N I E T Y S R N I I N E A Y T A R A S D I H I V P R E R D A I H F R I G H A L V K K R V L K K E E C V R L I S H F K F L S A M D I G E R R K P Q N G S L S	80
NTDB id 96 BSU 24730 NP 390353.1	 M D S I E K V S K N L I E E A Y L T K A S D I H I V P R E R D A I H F R V D H A L L K R D M K K E E C V R L I S H F K F L S A M D I G E R R K P Q N G S L S	80
consensus	* * * * *	

NTDB id 1028 TT RS08215 WP 011173991.1	YREG.AIDVDRLSLSTLPTVYGEKAVMRLLKKASDIPETIEDTGFAPGVFERFKEVISKPYCIFLIITGPTGSGKSFTTFSSILKRIA.	666
NTDB id 1384 A4U84 RS08525 WP 010787006.1	FTTALADTLDFRVSSLPTIYGKELVLRLQKNTPSFDFLGFGNPQQQTILLNALKQPQGLILVTGPTGSGKSITLYSALNYLN.	277
NTDB id 28875 RBAM RS11645 WP 012117985.1	LPLP.TETVHLRMSTLPTMNDESLVIRLLPKRQI.PPLDKLSLFRGAAALLSFLKSHHGLLLFTGPTGSGKTTTYLSLVNAYAKR.	163
NTDB id 96 BSU 24730 NP 390353.1	LKLK.EGNVHLMRSTLPTINEESLVIRVMPPQYNIP.SIDKLSLFPKTGATILLSFLKSHCMILFTGPTGSGKTTTYLSLVQYAKK.	163
consensus	*****!****!!**!*!***!*****!*****!*****!*****!*****!*****!*****!	

[illegible][illegible]

NTDB id 1028 TT RS08215 WP 011173991.1	LLVVDDEIRHAIIVAKSATEIKEIARRKGMKTLREDGLYKALQGITTLEVLARTIE	889
NTDB id 1384 A4U84 RS08525 WP 010787006.1	FSSLRESAKKQIEQQLTNET.....EVDRVLGYE..	461
NTDB id 28875 RBAM RS11645 WP 012117985.1	YQTLRRLIRKGIALGYVTTD.....NYDRWVYHEAD	356
NTDB id 96 BSU 24730 NP 390353.1	YQTLRQLIRKGIALGYLTTN.....NYDRWVYHEKD	356
consensus	*****!*****	

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