

logo

NTDB id	1323	RAOC	RS07335	WP	004916218.1	.MLV	KV	Y	G	S	A	I	H	G	V	S	A	Q	T	I	T	E	V	N	V	D	Q	G	V	.	G	Y	H	L	V	G	L	P	D	N	A	I	K	E	S	S	H	R	I	S	A	A	L	K	N	V	G	Y	K	L	P	G	K	K	I	T	I	N	M	A	P	A	D	L	R	K	E	G	S	A		78					
NTDB id	1271	LPP	RS03220	WP	011213198.1	M	S	L	A	F	T	K	T	R	S	T	I	G	T	V	A	Q	P	V	S	V	E	V	H	L	S	N	G	L	P	S	F	T	M	V	G	L	A	E	T	A	V	K	E	S	K	D	R	V	R	S	A	I	N	S	Q	F	E	F	P	C	R	K	I	T	V	N	L	G	P	A	N	L	P	K	T	G	S	G		80	
NTDB id	1248	GC085	RS03150	WP	011213198.1	M	S	L	A	F	T	K	T	R	S	T	I	G	T	V	A	Q	P	V	S	V	E	V	H	L	S	N	G	L	P	S	F	T	M	V	G	L	A	E	T	A	V	K	E	S	K	D	R	V	R	S	A	I	N	S	Q	F	E	F	P	C	R	K	I	T	V	N	L	G	P	A	N	L	P	K	T	G	S	G		80	
NTDB id	213962	SEE00250	RS23270	WP	000050215.1	M	S	L	A	I	V	T	R	A	A	L	G	V	N	A	P	P	T	I	T	E	V	H	L	S	N	G	L	P	G	L	T	M	V	G	L	P	E	T	T	V	K	E	A	R	D	R	V	R	S	A	I	N	S	G	Y	E	F	P	A	K	K	I	T	I	N	L	A	P	A	D	L	P	K	E	G	G	R		80		
NTDB id	1153	A1552VC	RS00115	WP	000521788.1	M	G	L	A	I	T	H	S	R	A	S	I	G	V	Q	A	P	P	V	T	V	E	V	H	L	S	N	G	M	P	G	F	T	L	V	G	L	P	E	T	T	V	K	E	S	R	D	R	V	R	S	A	I	N	S	R	F	E	F	P	A	K	R	I	T	V	N	L	A	P	A	D	L	P	K	E	G	G	R		80	
NTDB id	1397	DSB67	RS15690	WP	005535577.1	M	G	L	A	I	T	H	S	R	A	S	I	G	V	Q	A	P	P	V	S	V	E	V	H	L	S	N	G	M	P	G	F	T	L	V	G	L	P	E	T	T	V	K	E	S	K	D	R	V	R	S	A	I	V	N	S	N	F	Q	F	P	A	K	R	I	T	V	N	L	A	P	A	D	L	P	K	E	G	G	R		80
NTDB id	1349	HI	1117	AAC22771.1	M	S	L	A	I	V	S	R	A	S	M	G	V	Q	A	P	L	V	T	I	E	V	H	L	S	N	G	K	P	G	F	T	L	V	G	L	P	E	K	T	V	K	E	A	Q	D	R	V	R	S	A	L	M	N	A	Q	F	K	Y	P	A	K	R	I	T	V	N	L	A	P	A	D	L	P	K	E	G	G	R		80		
NTDB id	1387	A4U84	RS06900	WP	020457569.1	M	S	L	A	I	V	S	R	A	S	I	G	V	E	A	P	L	V	T	I	E	V	H	L	S	G	G	S	P	G	L	T	L	V	G	L	P	E	K	S	V	K	E	A	Q	D	R	V	R	S	A	L	M	N	A	N	F	D	Y	P	A	R	R	I	T	I	N	L	A	P	A	D	L	P	K	E	G	G	R		80	
consensus						* * ! * * *	* * * * ! * *	! *	*** !																																																																														



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NTDB id 1323 RAOC RS07335 WP 004916218.1	YDLS	I	A	L	G	I	L	A	A	S	G	Q	I	A	P	E	T	E	R	V	L	I	M	G	E	L	S	I	D	G	G	L	Q	P	I	K	G	V	L	P	I	A	I	R	A	R	E	E	G	F	K	G	I	I	L	P	K	Q	N	T	R	E	A	A	I	V	N	D	L	E	V	Y	G	V	E	N	158																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
NTDB id 1271 LPP RS03220 WP 011213198.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	P	L	T	N	L	A	N	H	E	F	I	G	E	L	A	S	G	E	L	R	G	V	S	A	I	P	A	V	L	A	A	H	K	D	.	N	Q	H	L	I	A	N	A	N	A	E	A	S	L	T	G	H	Q	K	V	F	T	A	N	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 1248 GC085 RS03150 WP 011213198.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	P	L	T	N	L	A	N	H	E	F	I	G	E	L	A	S	G	E	L	R	G	V	S	A	I	P	A	V	L	A	A	H	K	D	.	N	Q	H	L	I	A	N	A	N	A	E	A	S	L	T	G	H	Q	K	V	F	T	A	N	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
NTDB id 213962 SEE00250 RS23270 WP 000050215.1	Y	D	L	P	I	A	V	A	L	A	A	S	E	Q	I	T	A	S	N	L	E	A	V	E	L	V	G	E	L	A	T	G	A	L	R	G	V	P	G	A	I	S	S	A	T	E	A	I	R	A	.	G	R	N	I	T	I	V	A	T	E	N	A	E	V	G	L	I	S	K	E	G	C	F	I	A	D	H	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id 1153 A1552VC RS00115 WP 000521788.1	F	D	L	P	I	A	L	G	I	L	A	A	S	D	Q	I	A	R	N	K	L	E	S	Y	E	F	I	G	E	L	A	S	G	E	I	R	G	V	K	G	V	L	P	A	A	L	A	N	Q	V	.	E	R	C	L	V	V	P	H	S	N	G	D	Q	A	A	L	V	G	V	E	R	H	K	S	A	Q	S	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id 1397 DSB67 RS15690 WP 005535577.1	F	D	L	P	I	A	L	G	I	L	A	A	S	E	Q	I	A	T	D	K	L	K	N	Y	E	F	V	G	E	L	A	S	G	G	L	R	T	V	K	G	V	L	P	A	A	L	A	N	K	K	.	Q	R	H	L	V	V	P	H	A	N	G	D	Q	A	A	L	V	G	K	E	Q	H	K	S	A	Q	S	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id 1349 HI 1117 AAC22771.1	F	D	L	P	I	A	L	G	I	L	A	A	S	D	Q	I	L	D	A	S	H	K	Q	F	E	F	V	A	E	L	A	L	T	G	G	L	R	G	V	H	G	V	I	P	A	I	L	A	A	Q	K	S	.	K	R	E	L	I	I	A	K	Q	N	A	E	S	L	V	S	D	Q	N	T	Y	F	A	Q	T	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
NTDB id 1387 A4U84 RS06900 WP 020457569.1	F	D	L	P	I	A	L	G	I	L	A	A	S	G	Q	I	D	S	D	K	L	K	R	I	E	L	L	G	E	L	S	L	T	G	H	L	R	G	V	H	G	A	I	P	A	V	L	A	A	Q	K	S	.	K	R	E	I	I	V	P	Q	Q	N	A	N	E	V	S	L	V	S	N	T	Q	T	Y	C	A	S	T	159																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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NTDB id 1323 RAOC RS07335 WP 004916218.1	LKEVIDEFNENCPLEPTKVNTREEFHKRVNLFPPFDFSEVKGQETAKRAMEVAAAGGHNIILIGPPGSGKTMIAKRIPSIL	238
NTDB id 1271 LPP RS03220 WP 011213198.1	LREVC DYLCQGTS LQSLPPKPD L...LLNNYELDWS DIKQQQHAKNAMVIAACGGHS ILLSGAPGSGKTMIAKR FSTLL	235
NTDB id 1248 GC085 RS03150 WP 011213198.1	LREVC DYLCQGTS LQSLPPKPD L...LLNNYELDWS DIKQQQHAKNAMVIAACGGHS ILLSGAPGSGKTMIAKR FSTLL	235
NTDB id 213962 SEE00250 RS23270 WP 000050215.1	LQTVCAELLEGKHALERPLAQD...MASPTATADLRD VIGQE QKRGLEITAAGGNHLL IGP PG TGKTM LASRLSG ILL	234
NTDB id 1153 A1552VC RS00115 WP 000521788.1	LLEVCADL CGQQTLSLFQSSPSV...QQVSQTRDLQDIIGQQQCKRALEIAAAGNHNLFLGPPGTGKTM LASRLCDLL	235
NTDB id 1397 DSB67 RS15690 WP 005535577.1	LLEVC AELCGQHQLNLYQTPKKK...ELKAHGRDLQDIIGQQQCKRALEIAAAGNHNLFLGPPGTGKTM LASRLCDLL	235
NTDB id 1349 HI 1117 AAC22771.1	LLDV VQFLNGQEKLPATEIVKESAVNFSGKNTLLDLTDIIGQQHAKRALTIAAAGQHNLFLGPPGTGKTM LASRLTG	239
NTDB id 1387 A4U84 RS06900 WP 020457569.1	LLQV VNEFLNNRDQLPIAQLSQNIAEN.RPLVSRDLTDIIGQQHAKRALIIAASGQHNLFLGPPGTGKTM LASRLADLL	238
consensus	* * ! * * * ! * * *	



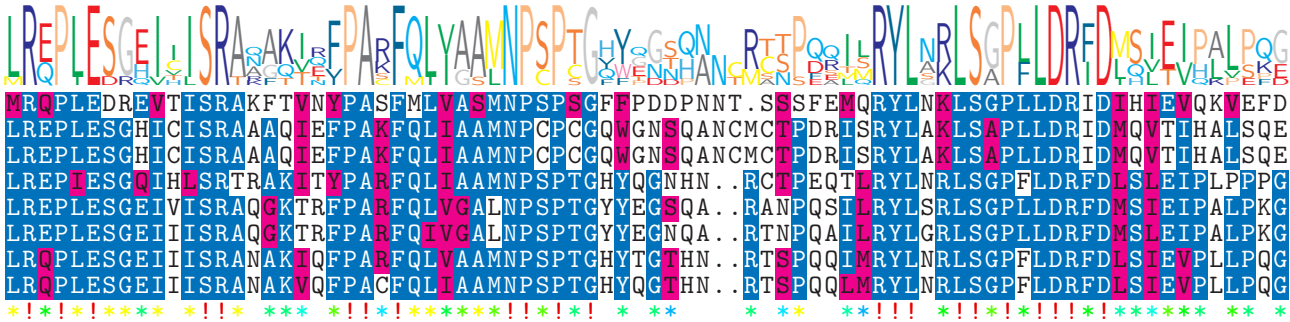
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NTDB id 1323 RAOC RS07335 WP 004916218.1	PPLTLKLEALETTHSVAGKMGAEETSLMTIRPFRSPHHTISDVALVGGGSYPQPGGEISLAHNGVLFLEDEMPFEKRTVLEEV	318
NTDB id 1271 LPP RS03220 WP 011213198.1	PELSETGALCAAINSRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPKPKPGEISLAHHGVLFLEDELPEFNRRQVLEET	314
NTDB id 1248 GC085 RS03150 WP 011213198.1	PELSETGALCAAINSRGKLPDF.REWRLPPFRAPHHTASPVALVGGGNPKPKPGEISLAHHGVLFLEDELPEFNRRQVLEET	314
NTDB id 213962 SEE00250 RS23270 WP 000050215.1	PPLSNBEALESAAILSLVMADTVQ.KRWQQRPFRSPHHSASLTAMVGGGAIPAPGEISLAHNGILFLEDELPEFERRTLDA	313
NTDB id 1153 A1552VC RS00115 WP 000521788.1	PENSDBEAMETASIASLTQQEINQ.HNWKLRPFRAPHHSSSMAALVGGGTIPRPPGEISLAHNGLLFLEDEMPFEFERKVLDS	314
NTDB id 1397 DSB67 RS15690 WP 005535577.1	PENSDBEAMETASVASTLTQSEINE.HNWKTRPFRAPHHSSSMAALVGGGSVPRPPGEISLAHNGLLFLEDEMPFEFDRKVLDS	314
NTDB id 1349 HI 1117 AAC22771.1	PEMTDLEALETASVTSLVQNELNF.HNWKKRPFRAPHHSSASMPALVGGGTIPKPKGEISLATNGVLFLEDELPEFERKVLDA	318
NTDB id 1387 A4U84 RS06900 WP 020457569.1	PEMTDLEALETASVTSLVQNELNF.QNWKKRPFRSPHHSASMVALVGGGSIPKPKGEISLAHNGVLFLEDELPEFERKVLDA	317
consensus	!*** *!*!* *!* * *! * * * * * * *! *	



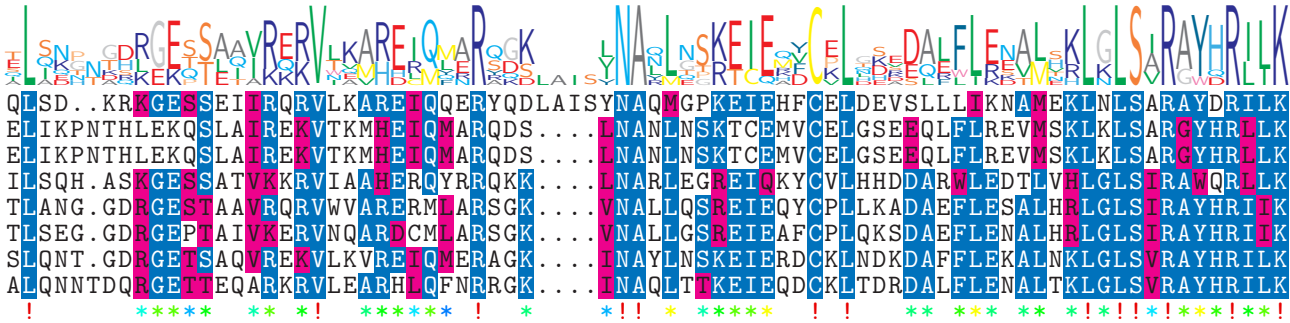
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NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
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NTDB id 213962 SEE00250 RS23270 WP 000050215.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1397 DSB67 RS15690 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 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 213962 SEE00250 RS23270 WP 000050215.1
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 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 213962 SEE00250 RS23270 WP 000050215.1
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



☐ non conserved
☒ similar
☒ ≥ 50% conserved