

logo

NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 86428 KJS48 RS11540 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

MSVLTI^{CD}KRLGAALLDAGLLTDEELQRALERHREVGGS^{LA}EVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVKALLPA
MSVLTI^GDKRLGAALLDAGLLTDEELQRALERHREVGGS^{LA}EVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVKALLPA
.....

85
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0
0

logo

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NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 86428 KJS48 RS11540 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

EKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSGEGQDKLKLGE
 EKAKELKAIPFALDEEAGVVRVAFNLPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSGEGQDKLKLGE

170
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logo

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consensus

LLLQKGWISREALVEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLFLESTEGIVDPDPSAALLLLRSDALRYGAVPIGF
 LLLQKGWISREALVEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLFLESTEGIVDPDPSAALLLLRSDALRYGAVPIGF

255
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consensus

QNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREALKEALEVQKGLPRAKPLGEIL
QNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREALKEALEVQKGLPRAKPLGEIL
.....

340
0
0
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consensus

VELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATMLG^{OSQ}YTYE^QQTER^{PSRW}QKNC^{EE}KQL^{LR}RYL^YXP
VELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATMLGYPYVPDEEDP...PDPGAPLLLPEDLCRRYGVP
...MSQYTICEQQTTERIFDISPSRWQKNCEEKQLLLRYLAVP
.....

420
39
0
0

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YRLTEENRLLVLLVMDERNITALELRYRLMLTRKGLNKKEYAIAAAEAATKKLTNALSPQEPPFEEAAEAARAKFAKKQAEVEVPS
 HRLEGNLIVLLNKDPRNLALADVRLALKRKGLNYEVAPAVATEAAITKLLI.....ERFYGKAELSELAKFEAKKQAEVEVPS
 VQETEHKLLWLAVDDENNITACEIFAFM.TH....KQIEPVVIASEDLKYLINALSPEQQPIYEESELAFVEQE.....QE

498
109
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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 I E P R Q N D V Q V R L R I D G A L R P Y S T L P K G 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 I 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 I R L R I D G V L H L Y K S L S I Q L A S R L I S R I K L L A K L D I S E I R Q P Q D G Q F S	193
NTDB id 86428 KJS48 RS11540 WP 003153083.1	 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 K D A F 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 A Y L T K A S D I H I V P R E R D A I I H F R V D H A L L K 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 T	80
consensus	* * * * *	

NTDB id 1028 TT RS08215 WP 011173991.1	YREG.AIDVDLRLSTLPTVYGEKAVMRLKKASDIPEIEDLGFPQVFERFKEVISKPYGIFLI TGPTGSGKSFTTFSLKRIA.	666
NTDB id 1384 A4U84 RS08525 WP 010787006.1	FTTALADTLDLFRVSSLPITVYGEKLVLRLLQKKNKPTSFDFLQLGFNPQQQTLLNALKQPQGLILVTGPTGSGKSITLYSALNYLN.	277
NTDB id 86428 KJ548 RS11540 WP 003153083.1	LPLP.TETVHLRMSTLPTMNDSESLVIRLLPKRQI.PPLDKLSLFRGAGAAALLSFLKSHGLLLFTGPTGSGKTTTLYSLVNYAKR	163
NTDB id 96 BSU 24730 NP 390353.1	LKLK.EGNVHLMRSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKGTATLLSFLKSHHGLIFTGPTGSGKTTTLYSLVQYAKK	163
consensus	*****	

NTDB id 1028 TT RS08215 WP 011173991.1	TPDKNTQTIEDPVEYEIPGINQTQVNPQAGLTFARALRAF	LRQDPDIIMVGEIRDSEAKIATEAALTGHVLVATLHTNDAAQAI	751
NTDB id 1384 A4U84 RS08525 WP 010787006.1	QMDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQLLRTF	LRQDPDIIMLGEIRDSESAKMALRASQTGHVLVLTSLHTNDALSAV	362
NTDB id 86428 KJS48 RS11540 WP 003153083.1	HFNRRIIVTLEDPVETRDIEDVLQVQVNEKAGVITYSAGLKAII	LRHDPDMIILGEIRDAETAETIAVRAAMTGHVLVLSLHTRDAKGAI	248
NTDB id 96 BSU 24730 NP 390353.1	HFNRRIIVTLEDPVETRDIEDVLQVQVNEKAGVITYSAGLKAII	LRHDPDMIILGEIRDAETAETIAVRAAMTGHVLVLSLHTRDAKGAI	248
consensus	*** **	*** **	

[illegible]

NTDB id 1028 TT RS08215 WP 011173991.1	LLVVDDEIRHAI VAGKSAT EIKEIARRKGMKTLREDGLYKALQGITTLEVLARTIE	889
NTDB id 1384 A4U84 RS08525 WP 010787006.1	FSSLRESAKQKIEQQLTNET.....EVDRVLGYE..	461
NTDB id 86428 KJ548 RS11540 WP 003153083.1	YQTLRLIRKGIALGYVTTD.....NYDRWVYHEAD	356
NTDB id 96 BSU 24730 NP 390353.1	YQTLRQIRKGIALGYLTTN.....NYDRWVYHEKD	356
consensus	*****!*****	

- X non conserved
- X similar
- X > 50% conserved