

MSDPTLFDYSMIKGTVEAILFQNSDNFYTVLKVDTIETNEDFD.TMPTTVVGFLPNIVEGDVYTFKGQGVVDHPRYGKQLKAE
MQQHMDLLKEDEPMTEAITFHDDNFYTVLKVKVETSEADIEIMTWTWGYLPNLVEGEVYTFYGGVTHPRYGLQLQAE

T F K K E M P T K E G | S Y L S S D L F K G V G K K T A Q N | V N T L G D N A I N K | L D H S V L Y K V S R | S K K K Q K T L A G Q L S R N Q G S E Q | I M I S L N Q
 H F K K E I P T K E G | Q Y L S S D L F E G I G K K T A E E | I V K K L G D S A I N K | L A D A S V L Y D V P R L S K K K A D T L A G A L Q R R H G L E Q I M I S L N Q
 T F E K E M P Q T K E A I I S Y L S S D L F K G V G K K T A Q N I V N T L G D N A I N D I L D D H S V L E K V S G L S K K K Q K Q I A E Q I S A N Q E S E K I M I R L H D
 H F K K E I P T K E G I I Q Y L S S D L F E G I G K K T A E E I V K K L G D S A I N K I L A D A S V L Y D V P R L S K K K A D T L A G A L Q R R H G L E Q I M I S L N Q

[illegible]

RNQVQYAPSQKEALQTAISPMVLLTGGPGTGKTTVIRGIVELY^GELHGVSLD^YSDYVNVN^{EDY}PPVLAAPTGRAS^{KRM}SESTGL^{PE}
 AMDVNIAPASQKEALQTKATNSPKMLLLTGGPGTGKTTVIRGIVELY^AELHGLSLD^YSDYVNVN^{EDY}PPVLAAPTGRAS^{KRL}QESTGL^{PE}
 ANQVNYAASQKEALQTAISPMVLLTGGPGTGKTTVIRGIVELY^AELHGLSLD^YSDYVNVN^{EDY}PPVLAAPTGRAS^{KRL}QESTGL^{PE}
 RMDVQYAPSQKEAIQKALSPMLLLTGGPGTGKTTVIRGIVELY^GELHGVSLD^YSDYVNVN^{EDY}PPVLAAPTGRAS^{KRM}SESTGL^{PE}

[illegible]

R L T E V Y R Q G S I V E L A H R M K N G L P N L T Q R T K D R S F I R C Q G S I P T W E K W T S A V N K G Y T M K D I Q V L A P M Y R G K A G I N R L N
N L T E V Y R Q G S I V E L A H R M K L G Q K T . D I T Q R F H D R S F I N C Q A N Q I P T V V E K V V T S A V N K G Y T M A D I Q V L A P M Y R G K N A G I K R L N
R L T D I Y R Q A E G S S I V E L A H Q M K N G L L P N L T A P T K D R S F I R C G S I Q K E V V E K V V A N A L K K G Y T A K D I Q V L A P M Y R G K A G I N E L N

586
595

logo

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NTDB id 355 BSU 27480 NP 390625.1
consensus



671
680

logo

NTDB id 67862 ATE38 RS05650 WP 001283311.1
NTDB id 355 BSU 27480 NP 390625.1
consensus



756
762

logo

NTDB id 67862 ATE38 RS05650 WP 001283311.1
NTDB id 355 BSU 27480 NP 390625.1
consensus



825
798

☐ non conserved
☒ similar
☒ ≥ 50% conserved