

[illegible]

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

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 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 H Q G L E Q I M I S L N Q

* * * * *

RNQVQVAPASQKEALQTALNSPVMLLTGGPGTGKTTVIRGIVELYGELHGVSLDYSDYVWVEDYPVLAAPTGRASKRMSESTGLPE
 AMDVNIAAATKATNSKMLLLTGGPGTGKTTVIRGIVELYAETHGLSLDYPDAKKDDAFIVLAAPTGRASKRLQESTGLE
 ANQVNYAASQKEALQTALINSKVMLLTGGPGTGKTTVIRGIVELYAEIHGLSLDYDDYVNDDYPVLAAPTGRASKRLQESTGLE
 RMDVQYAPASQKEALIKKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRASKRMSESTGLP

RLTEVYRQQEGSSVELAHQMKNGQLPNTLTQRTKDRSFRCQGSQIPTWEKWTSAVYVNGGYTMDIQVLAPMYRGKAGINRKLNL
 NLTEVYRQQDGSSIIELAHRMKLGKQKILDITQRFHDRSFINCQANQIPTVVEKVVTSAYVNGGYTMDIQVLAPMYRGKAGIKRNLN
 RLTDITYRQAEQGSSVELAHQMKNGLLPNNLTAPTDRSFIRCGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNL

586
595

logo

NTDB id 273936 RK68 RS12215 WP 001283311.1
NTDB id 355 BSU 27480 NP 390625.1
consensus



671
680

logo

NTDB id 273936 RK68 RS12215 WP 001283311.1
NTDB id 355 BSU 27480 NP 390625.1
consensus



756
762

logo

NTDB id 273936 RK68 RS12215 WP 001283311.1
NTDB id 355 BSU 27480 NP 390625.1
consensus



825
798

☐ non conserved
☒ similar
☒ ≥ 50% conserved