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logo

NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  MAEQESLALFNDTPEELFMKGTMLSTIFYNAENLFSVVRILVKETNADWDEKDIIVTGFFPALHEQEVYTFYGKMQEHAK   80
NTDB id 355 BSU 27480 NP 390625.1              MQQH...PDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPK   77
consensus                                      !  *****     *!!***!!!* * !**!  !!**!*** ! !!    **! * !!!*!!!!*! ! !!!!!!*  !*!

logo

NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  FGQQFKADRFRKEMPQSRAGLINYLSGELFKGIGKVTAENIVDKIGDDAITKILSDPSLLNTVPKLPSGAAESLLASLRE  160
NTDB id 355 BSU 27480 NP 390625.1              FGLQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQR  157
consensus                                      !! !! !**!*!!*! ** !*!*!!! *!! !!!! !!! !! !*!! !! !!! !*!*!  !!*!*   !**! * !

logo

NQGLEHVMVGLNEYGFGPQLSMKIYQAYKSNTLEVLQNNPYQLYKDVKGIGFQRADELGRMGLSGNHPERYRAGILYTL
NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  NQGLEHVMVGLNEYGFGPQLSMKIFQAYKQNAIEVLENNPYKLIEDVKGIGFQRADELGRKLGLGGNHPERLRAGILFML  240
NTDB id 355 BSU 27480 NP 390625.1              HQGLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTL  237
consensus                                      *!!!!**!* !! *!!!!!!!!!!*!!!    *! *  !!! !* !! !!!! *!!!!! **!! !!!!!!**!*!!* !

logo

ETVCMSQGHVYMETEVLLIEVTYLLNQSAREGQRITQNILVNQVIKLGENQKIYTENTRVYMPSLYYSESNVAYRVKRML
DSTCLQEGHTTIEQLQLIGDTQSLLEESAREGIRIDEMDAAAAIEALAEKDIITEDGRCYFPSLFYAEQGFAKHVKHIA
NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  DSVCMQQGHVYMEQEVLLGEVTYLLEES..EGIRIDQNILVAQVEKLAEEQKIITENTRVYMPSLYYSESGFAYHVKRML  318
NTDB id 355 BSU 27480 NP 390625.1              ETTCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIA  317
consensus                                      ** !*  !! !*! ! !* *   !!  !**!! !!        *  !*!   !* !  !*! !!!*! !   ! *!!**

logo

SQTEVQNQFPQSEFLLALGELEERMGVQYGPSQRQALQQALSSPMLVLTGGPGTGKTTVIRGIVELYGELNGVSLDPSAY
KQTEEEQFPESEFLLALGELEERIDVHYADSQKEATEKALMSPMLLLTGGPGTGKTTVIRGIVELYAELNGVSLDPHAY
NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  KQTEYQEQFPQSEFLLALGELEERIGVHYGDSQRQALEQALMSPMLVLTGGPGTGKTTVIKGIVELYAELNGVSLDPHAY  398
NTDB id 355 BSU 27480 NP 390625.1              SQTEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAY  397
consensus                                       !!!!  !!! !!!!!!!!!!!!!* !*!**!!* !*  !! !!!!*!!!!!!!!!!!!!*!!!!!!*!!*!!!!!!*!!

logo

KKGETFPYVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGQEQMTHTEERPLEGRLLIYDEMSMVDIWLANQLFRALPDH
DDAAFPYLLAAPTGRAAKRMSESTGLPAMTIHRLLGMNGAEGFDDDADQLIDGRLLIYDEASMLDIWLANHLFKAIPDH
NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  KDGATFPVLLAAPTGRAAKRMSESTGLPAMTIHRLLGMNGQEQMDDDAERLIDGRLLIVDEMSMVDIWLANQLFRALPAH  478
NTDB id 355 BSU 27480 NP 390625.1              KKDEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDH  477
consensus                                      !    !!**!!!!!!!!!!!!!!!!!!!!!!*!!!!!!! !! !   *  * *!*!*!!!*!! !!*!!!!!!*!!*!*! !

logo

MQVVLVGDQDQLPSVGPGQVLRDILQSEQIPTVALSDIYRQKDGSSIIEMAHYIKEGMLPADFTKNSADRSFFHCTVNQI
NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  MQVVLVGDQDQLPSVGPGQVLKDILQSEQIPTVALSDIYRQKDGSSIIEMAHYIKEGMLPADFTKNSADRSFFHCTVNQI  558
NTDB id 355 BSU 27480 NP 390625.1              IQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQI  557
consensus                                      *!***!!! !!!!!!!!!!!!!*!*! !  !!!! !*!!!!! *!!!!*!*!! *! !*!!   ! **  !!!! *!   !!
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logo

NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  GDVVEQVVKNAKNKGFRAKDIQVLAPMYRGPAGIDILNKKLQEIFNPNDTGRRKEVQFGDIKYRVHDKVLQLINQPEKNV   638
NTDB id 355 BSU 27480 NP 390625.1              KEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNV   636
consensus                                       *!!! !! !!  !!* !!!!!!!!!!!!!*!!!  !!  !!*! !!*  **!*!* !!!* !! *!!*!!!*!!!! !!

logo

NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  FNGDIGEIVSIIYAKENTEKQDLIVVQFDQTEVSYYRQEFNQLTHAYCCSIHKAQGSEFPIVIMPIVRSYYRMLRRDLLY   718
NTDB id 355 BSU 27480 NP 390625.1              FNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLY   716
consensus                                      !!!!!!!!! !! !!!!!!!!! !* !! !!  !*** * *!!! !!!!!!!!!! !!!!!!!!**!*!* !!!!!!! !!!

logo

NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  TGVTRSKQFLILCGEEEAFRMGIERIDENKRNTTLSERLMSEDVLLEQMTNKRILTAENITEIDPMIGMEGITPEQFMAG   798
NTDB id 355 BSU 27480 NP 390625.1              TAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDA.ELEALQKELPFSVHDANIGMEGITPFDFMKE   795
consensus                                      !**!! ! !!!!!!!!!!   !*   !   !*!*!  !!      ** *    *    * * *!* !!!!!!!!  !!

logo

NTDB id 1046926 AB2Q98 RS08070 WP 003734329.1  ...   798
NTDB id 355 BSU 27480 NP 390625.1              EQQ   798
consensus                                      ***
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X non conserved

X similar

X ≥ 50% conserved