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logo
NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  MAEQESLALFNDTPEELFMKGTMLSTIFYNAENLFSVVRILVKETNAIWDEKDIIVTGFFPALHEQEVYTFYGKMQEHAK   80
NTDB id 355 BSU 27480 NP 390625.1              MQQH...PDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPK   77
consensus                                      !  *****     *!!***!!!* * !**!  !!**!*** ! !!    **! * !!!*!!!!*! ! !!!!!!*  !*!

logo

NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  FGQQFKADRFRKEMPQSRAGLINYLSGELFKGIGKVTAENIVDTIGDDAITKILSDPSLLNTVPKLPSGTAESLLASLRE  160
NTDB id 355 BSU 27480 NP 390625.1              FGLQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQR  157
consensus                                      !! !! !**!*!!*! ** !*!*!!! *!! !!!! !!! !!  *!! !! !!! !*!*!  !!*!*   !**! * !

logo

NQGLEHVMVGLNEYGFGPQLSMKIFQVYKQNAIEVLENNPYKLIEDVKGIGFQRADELGRKLGLGGNHPERLRAGILFML  240
NQGLEHVMVGLNEYGFGPQLSMKIFQVYKQNAIEVLENNPYKLIEDVKGIGFQRADELGRKLGLGGNHPERLRAGILFML  240
HQGLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTL  237
consensus                                      *!!!!**!* !! *!!!!!!!!!!*! !    *! *  !!! !* !! !!!! *!!!!! **!! !!!!!!**!*!!* !

logo

DSVCMQQGHVYMEQEILLGEVTYLLEES..EGIRIDQAILLQQVEKLAEEQKIITENTRVYMPSLYYSESGFAYHVKRML  318
ETTCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIA  317
consensus                                      ** !*  !! !*! ! !* *   !!  !**!! !!      * *  !*!   !* !  !*! !!!*! !   ! *!!**

logo

KQTEYQEQFPQSEFLLALGELEERIGVHYGESQRAALEQALMSPMLVLTGGPGTGKTTVIKGIVELYAELNGVSLDPHAY  398
SQTEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAY  397
consensus                                       !!!!  !!! !!!!!!!!!!!!!* !*!**!* !*  !! !!!!*!!!!!!!!!!!!!*!!!!!!*!!*!!!!!!*!!

logo

NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  KDGATFPVLLAAPTGRAAKRMSESTGLPAMTIHRLLGMNGQEQMDDDAERLIDGRLLIVDEMSMVDIWLANQLFRALPAH  478
NTDB id 355 BSU 27480 NP 390625.1              KKDEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDH  477
consensus                                      !     !!**!!!!!!!!!!!!!!!!!!!!!*!!!!!!! !! !    *  * *!*!*!!!*!! !!*!!!!!!*!!*!*! !

logo

NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  MQVVLVGDQDQLPSVGPGQVLKDILQSEQIPTVALSDIYRQKDGSSIIEMAHYIKEGMLPADFAKNSADRSFFHCTVNQI  558
NTDB id 355 BSU 27480 NP 390625.1              IQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQI  557
consensus                                      *!***!!! !!!!!!!!!!!!!*!*! !  !!!! !*!!!!! *!!!!*!*!! *! !*!!     ** !!!! *!   !!
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logo
NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  GDVVEQVVKNAKNKGFRAKDIQVLAPMYRGPAGIDILNKKLQEIFNPNDTGRRKEVQFGEIKYRVHDKVLQLINQPEKNV   638
NTDB id 355 BSU 27480 NP 390625.1              KEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNV   636
consensus                                       *!!! !! !!  !!* !!!!!!!!!!!!!*!!!  !!  !!*! !!*  **!*!* !!** !! *!!*!!!*!!!! !!

logo
NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  FNGDIGEIVSIIYAKENTEKQDLIVVQFDQTEVSYYRQEFNQLTHAYCCSIHKAQGSEFPIVIMPIVRSYYRMLRRDLLY   718
NTDB id 355 BSU 27480 NP 390625.1              FNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLY   716
consensus                                      !!!!!!!!! !! !!!!!!!!! !* !! !!  !*** * *!!! !!!!!!!!!! !!!!!!!!**!*!* !!!!!!! !!!

logo
NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  TGVTRSKQFLILCGEEEAFRMGVERVDENKRNTTLSERLMSEDVMLEQMTNKRILTAENITEIDPMIGMEGITPEQFMAG   798
NTDB id 355 BSU 27480 NP 390625.1              TAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDA.ELEALQKELPFSVHDANIGMEGITPFDFMKE   795
consensus                                      !**!! ! !!!!!!!!!!   !!   !   !*!*!  !!      ** *    *    * * *!* !!!!!!!!  !!

logo
NTDB id 1082229 ACK2WA RS07105 WP 153648107.1  ...   798
NTDB id 355 BSU 27480 NP 390625.1              EQQ   798
consensus                                      ***
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X non conserved

X similar

X $\geq$ 50% conserved