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logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  ....MENPTLFDHTFIKGTVEMILFQNTDNHYTVLKVEIEETNGDFDD.MATVVGYFPNMVEDESYTFKGQIVQHARYGQ   75
NTDB id 355 BSU 27480 NP 390625.1             MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                     ******** ! *****!!!!  ****!  !*!!!!!! * !!    *!*  *! !!!! * !*!*!!! ! !! !***!

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  QLKAETFQKEIPHTKDAVIAYLSSELFKGIGKKTAESIVNTLGENAIHDILKDESVIEQVPKLSKAKQQQIVEQIYANQE  155
NTDB id 355 BSU 27480 NP 390625.1             QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                     !  !!*! !!!!*!!***! !!!!*!! !!!!!!!! !!  !!* !!* !! ! !!*  !!*!!! !   *   *  *!

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  SEQVMIRLNELGFGSKLAMDIYKFYKSDTLTVLDQNPYQLVYDIKGVGFNKADQLAQQLGIHPEHPDRLKAGLLYLVEDT  235
NTDB id 355 BSU 27480 NP 390625.1             LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                      !!*!! !!  !!!* ! ! !!  ! !*!!  *  !!!!!! !* !*!! !!! !*  *!*** !!*!*!!**!! *! !

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  CIKQGHTYLPQEALINETIQLLSQGKDSSVDYDTMT..QILAELVEEKRLVNQEEMVAIPSLYYSEIKSTQNLYKIFANR  313
NTDB id 355 BSU 27480 NP 390625.1             CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                     !*  !!!!** ! !! *!  !! !         ! *** *  ! ! ! *!  *  *  !!!*! !      * *!  *

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  EHLTTFDASDIQLHIGEIEEVNEVHYAPSQKEALEYAIQHKVMLLTGGPGTGKTTVIKGIVQLYAEIHGISLDYDDYSDE  393
NTDB id 355 BSU 27480 NP 390625.1             EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                     !*   !* !*  !**!!*!!  *!*!!!!!!!!*  !* ****!!!!!!!!!!!!!!!*!!! !!*!*!!*!!!*  !  *

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  DDYPVVLAAPTGRASKRLHEATGLEAMTIHRLIGWNQDTKPQDKLDNEIHAKLIIIDEMSMVDTWLFHQFMDAVPIDAQV  473
NTDB id 355 BSU 27480 NP 390625.1             EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                     * *!*!!!!!!!!! !!**! !!!*!*!!!!!*!!!    * *  !**!**!!*!!!! !!*! !! **   !*! * !*

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  VLVGDEDQLPSVGPGQVFKDLIDANVLPRINLTEVYRQQDGSSIIDLAHRMKLGEKV.DITQRFHDRSFIPCQTDQIPQV  552
NTDB id 355 BSU 27480 NP 390625.1             IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                     **!!!!!!!!!!!!!!! *!!*  *!*! * !!**!!! *!!!!**!!! !! !  ** *! * *!!!!!*!   !!* !
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logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  VEKVVNNAVQKGYTMADIQVLAPMYRGNAGIKKLNQILQGILNPLSDESQREIEFGDVLFRKGDKVLQLINRPNDNVFNG   632
NTDB id 355 BSU 27480 NP 390625.1             VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPK.EKRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                     !!!!! !!* !!!!  !!!!!!!!!!! !!!  !! *!! !!!!* *!  !!* !!!!**! !!!*!!!*! !  !!!!!

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  DIGVIVGIFWAKENALNKDVLVVDYDGNEITYLRSDLTELTHAYCTSIHKAQGSEFPIVIMPIVKQYRRMLQKPILYTGL   712
NTDB id 355 BSU 27480 NP 390625.1             DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                     !!! !  !!*!!!!    !* !! *!!!!*!* * !    !!!!!*!!!! !!!!!!!!**!*!! !*!!! ***!!!**

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  TRAKQSLVFLGDADAFNIGLATAGQTRL.TQLQTFLMQYFTPEDTDDKTDTDTASAEFILTEATMFKIHPMINMGEVTPY   791
NTDB id 355 BSU 27480 NP 390625.1             TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQ..VEEMDA.......ELEALQKELPFSVHDANIGMEGITPF   790
consensus                                     !!!!  !* *!* *!   !*     !  *! !   !   ***!* ! *******  ! *  ! *   *** ! !  *!!*

logo
NTDB id 1119612 EL085 RS05775 WP 115807289.1  DFLEIDKV   799
NTDB id 355 BSU 27480 NP 390625.1             DFMKEEQQ   798
consensus                                     !!*  *
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X non conserved

X similar

X $\geq$ 50% conserved