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logo
NTDB id 420551 GZH82 RS06855 WP 162681854.1  ....MENPTLFDHTFIKGAVEMILFHNADSHYTVLKVEIEETNGDFDD.MATVVGYFPNMVEDETYTFKGQVVQHARYGK   75
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    ******** ! *****!! !  ***!!   *!!!!!! * !!    *!*  *! !!!! * !*!!!!! ! *! !***!

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  QLKAETFQKEIPHTKDAVIAYLSSELFKGIGKKTAESIVNTIGENAIHDILKDESVIERVPKLSKAKQRQIVEQIYANQE  155
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !  !!*! !!!!*!!***! !!!!*!! !!!!!!!! !!  *!* !!* !! ! !!*  !!*!!! !   *   *  *!

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  SEQVMIRLNELGFGSKLAMDIYKFYKSDTLTVIDKNPYQLVYDIKGVGFNKADQLAQQLGIHPEHPDRLKAGLLYLVEDT  235
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                     !!*!! !!  !!!* ! ! !!  ! !*!!  !  !!!!!! !* !*!! !!! !*  *!*** !!*!*!!**!! *! !

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  CIKQGHTYLPQEALINETIQLLSQDKESSIDHDI..MTQILTELVEEKRLVNQDEMVAIPSLYYSEIKSTQNLYKIFANR  313
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !*  !!!!** ! !! *!  !! !       *  **  * *  ! ! ! *!  !  *  !!!*! !      * *!  *

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  EHLTTFDASDIQLHIGEIEEVNEVHYAPSQKEALEYAIQHKVMLLTGGPGTGKTTVIKGIVQLYAEIHGISLDYDDYSDE  393
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    !*   !* !*  !**!!*!!  *!*!!!!!!!!*  !* ****!!!!!!!!!!!!!!*!!! !!*!*!!*!!!*  !  *

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  DDYPVVLAAPTGRASKRLHEATGLEAMTIHRLIGWNQDTKPTHTLDQPIHGKLIIDEMSMVDTWLFHQFMDAVPIDAQV  473
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    * *!*!!!!!!!!! !!**! !!!*!*!!!!*!!!    * *  !**!**!!*!!!! !!*! !! **   !*! * !*

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  VLVGDEDQLPSVGPGQVFKDLIDANVLPRINLTEVYRQQDGSSIIDLAHRMKLGEKV.DITQRFHDRSFIPCQTDQIPQV  552
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    **!!!!!!!!!!!!!!! *!!*  *!*! * !!**!!! *!!!!**!!! !! !  ** *! * *!!!!!*!   !!* !
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logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  VEKVVNNAVQKGYTMADIQVLAPMYRGNAGIKKLNQILQAILNPLTDESQREIEFGDVLFRKGDKVLQLINRPNDNVFNG  632
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPK.EKRRELKFGDVVYRTGDKILQLVNQPENNVFNG  639
consensus                                    !!!!! !!* !!!!  !!!!!!!!!!! !!!  !! *!! !!!!* *!  !!* !!!!**! !!!*!!!*! !  !!!!!

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  DIGVIVGIFWAKENALNKDVVVVDYDGNEITYLRSDLTELTHAYCTSIHKAQGSEFPIVIMPIVKQYYRMLQKPILYTGL  712
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI  719
consensus                                    !!! !  !!*!!!!    !* !! *!!!!*!* * !    !!!!!*!!!! !!!!!!!!**!*!! !!!!! ***!!!**

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  TRAKQSIVFLGDADAFNFGLATAGQTR.LTQLQTFLTQYFNPEDGDDNADTDTDSAEFILTEATMFKVHPMINMGEVTPY  791
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMD....AE.....LEALQKELPFSVHDANIGMEGITPF  790
consensus                                    !!!!  ** *!* *!  *!*     ! * ! !   !*    * !****!****** ! *  ! *   *** ! !  *!!*

logo

NTDB id 420551 GZH82 RS06855 WP 162681854.1  DFLEIDKV   799
NTDB id 355 BSU 27480 NP 390625.1            DFMKEEQQ   798
consensus                                    !!*  *
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X non conserved

X similar

X ≥ 50% conserved