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logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  .MREQQILALDGRTFIKGVCLAVIFHNEETLYTVVRVRVEETNEAPVEEEVVVTGYFPRLNEGDVYIFYGQFRQHPRFGR   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    *  **  ! !*  ***!! *  !!*!!*  !!!!**!*! !! !!* *  ! !!!!!! !*! * ! !!!    !!*!!

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  QYAASQFRKQLPNTKEGVIHYLSSGLFKGIGKKTAAEIVETLGENAIAAILRDPRALERVPKLTKKKAKQLYDALRAHEG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !* ! *!*! *! !!!!*!*!!!! !! !!!!!!!  !!  !!* !!  !! !*  !  !!*!*!!!!  !  !!  ! !

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  LEQTMIALAQLGFGPQLAMKIYQAYGEEAVDIIHENPYQLVEDIEGIGFGRADEIGRQLGISGSHPARLRAASLFVLEQA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!! !! ! ! !!!!!! !!!!!!!  ! ** !*!!!!!!! !*!!!!!!*!!!*!  *!*!! !! !**!! !* !!

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  CLQEGHVYLREEELMERIGELLDGRLSG..AVDGRAISQTLLMLSEEGKLIAEQGRYYLPSLYFAEKGIVSNIKRLLGQT  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !! !!! !*  ! !*     !!      ** *      * ** ! !   ** ! !!*! !!!**!!  *   *!**  !!

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  P.PSAFAESEFLLALGALEERLGMQYAPQQREAIQQALSSPLFILTGGPGTGKTTVIKGIVELFAALNGLSLDPADYKQG  396
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    ***  !*!!!!!!!!! !!!!* *!!!! !*!!!! !!!!!* *!!!!!!!!!!!!!*!!!!!** !*!*!!!!  !!

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  EPFPVLLAAPTGRAAKRMSEATGLPAATIHRLLGWNGAEGFSRDENEPISGKLLVIDEMSMVDTWLANQLLKAVPNGMQV  476
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    !*!!**!!!!!!!!!!!!!! !!!!! !!!!!!!!!!!!!** !  !! !!!!*!!! !!*! !!!!*! !!*! **!*

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  IFVGDEDQLPSVGPGQVLKDLLSSGVIPFARLTEVYRQAEGSSIIELAHEMKRGVVPDDLTAPKADRSFIRCRAGQVVDV  556
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    ! !!!!!!!!!!!!!!!!!*!!!! ! !!!  !!!**!!!!!!!!!*!!!! !! !**!  !!!!  !!!!!!! * !* *!
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logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  VRQIADNARKKGFSVKDIQVLAPMYRGPAGIDQLNKALQELFNPPAEGKRELSVGEVVYRVGDKVLQLVNQPEDNVFNGD   636
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    !  *  !! !!!** !!!!!!!!!!!!*!!!  !!  !!** !!! ! *!!!  !*!!!! !!!*!!!!!!!! !!!!!!

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  IGEIVAIFYAKENIEKQDLLVVSFDGIEVTYTRQDLGQITHAYCCSVHKAQGSEFPIVILPVVKSYYRMLKRNLLYTAVT   716
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !!!!  !!!!!!! !! !* !!!!!! !*!*!* !  ! !!!!!!!*!! !!!!!!!!*!!!!! !!!!!*!!!!!!!*!

logo
NTDB id 356009 E5Z46 RS16610 WP 137088771.1  RSKQFLVLCGEEEAFRFGVAKQSDGARQTALAEKLAGAAA........PFVEVELPFEEANMGMENVTPYDFMGDEPS   786
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                    ! ! !!*!!!!!!!  *!!  *    !!! !  *!     *********  !** * **!!*!!!  *!!*!!!  *!*
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X non conserved

X similar

X $\geq$ 50% conserved