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logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  .MQEQQILALDGRTFIKGVCLAVIFHNEETLYTVVRVRVEETNEAPVEEEVVVTGYFPRLNEGDVYIFYGQFRQHPRFGR   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    * !**  ! !*  ***!! *  !!*!!*  !!!!**!*! !! !!* *  ! !!!!!! !*! * ! !!!    !!*!!

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  QYAASQFRKQLPNTKEGVIHYLSSGLFKGIGKKTAAAIVETLGENAIAAILRDPRALERVPKLTKKKAKQLYDALRAHEG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !* ! *!*! *! !!!!*!*!!!! !! !!!!!!!  !!  !!* !!  !! !*  !  !!*!*!!!!  !  !!  ! !

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  LEQTMIALAQLGFGPQLAMKIYQAYGEEAVDIIHENPYQLVEDIEGIGFGRADEIGRQLGISGSHPARLRAASLFVLEQA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!! !! ! ! !!!!!! !!!!!!!  ! ** !*!!!!!!! !*!!!!!!*!!!*!  *!*!! !! !**!! !* !!

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  CLQEGHVYLREKELMERIGELLDGRLSG..AVDGRAISQTLLMLSEEGKLIAEQGRYYLPSLYFAEKGIVSNIKRLLGQT  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !! !!! !*    !*     !!      ** *      * ** ! !   ** ! !!*! !!!**!!  *   *!**  !!

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  P.PSAFAESEFLLALGALEEQLGMQYAPQQREAIQQALSSPLFILTGGPGTGKTTVIKGIVELFAALNGLSLDPADYKQG  396
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    ***  !*!!!!!!!!! !!! * *!!!! !*!!!! !!!!!* *!!!!!!!!!!!!!*!!!!!** !*!*!!!!  !!

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  EPFPVLLAAPTGRAAKRMSEATGLPAATIHRLLGWNGAEGFSRDENEPISGKLLVIDEMSMVDTWLANQLLKAVPNGMQV  476
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    !*!!**!!!!!!!!!!!!!! !!!!! !!!!!!!!!!!!!** !  !! !!!!*!!! !!*! !!!!*! !!*! **!*

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  IFVGDEDQLPSVGPGQVLKDLLSSGVIPFARLTEVYRQAEGSSIIELAHEMKRGVVPDDLTAPKADRSFIRCRAGQVVDV  556
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    ! !!!!!!!!!!!!!!!!!*!!!! ! !!!  !!!**!!!!!!!!!*!!!! !! !**!  !!!!  !!!!!!! * !* *!
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logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  VRQIADNARKKGFSVKDIQVLAPMYRGPAGIDQLNKALQELFNPPAEGKRELSVGEIVYRVGDKVLQLVNQPEDNVFNGD   636
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    !  *  !! !!!** !!!!!!!!!!!*!!!  !!  !!** !!! ! *!!!  !**!!! !!!*!!!!!!!! !!!!!!

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  IGEIVAIFYAKENIEKQDLLVVSFDGIEVTYTRQDLGQITHAYCCSVHKAQGSEFPIVILPVVKSYYRMLKRNLLYTAVT   716
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !!!!  !!!!!!! !! !* !!!!!! !*!*!* !  ! !!!!!!!*!! !!!!!!!!*!!!!! !!!!!*!!!!!!!*!

logo
NTDB id 982501 NSQ51 RS11750 WP 049626647.1  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