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logo
NTDB id 201855 GTID1 RS15210 WP 008881020.1  .MQEQQSLALDGRTFIKGVCLAVIFHNEETLYTVVRIRVEETNEAAAEEEVVVTGYFPRLNEGDVYIFYGQFRQHPRFGR   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    * !**  ! !*  ***!! *  !!*!!*  !!!!****! !! !!  *  ! !!!!!! !*! * ! !!!    !!*!!

logo
NTDB id 201855 GTID1 RS15210 WP 008881020.1  QYAAEQFRKQLPNTKEGVIDYLSSGLFKGIGKKTATAIVDALGENAIAAILRDPGALERVPKLTKQKAKQLYETLCAHEG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !* !!*!*! *! !!!!*! !!!! !! !!!!!!!  !!  !!* !!  !! !*  !  !!*!*! !!  !   !* ! !

logo
NTDB id 201855 GTID1 RS15210 WP 008881020.1  LEQTMIALAQLGFGPQLAMKIYQVYGEETMDIIHENPYKLVEDIEGIGFGRADELGRQLGISGSHPARLRAACLFVLEQA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!! !! ! ! !!!!!! !!!!! !  !!** !*!!!! !! !*!!!!!!*!!!!!  *!*!! !! !**!!*!* !!

logo
NTDB id 201855 GTID1 RS15210 WP 008881020.1  CLQEGHVYMKKEELVSRIGELLGGRSNG..AVDGQAIEQTLLMLSEEGKMIAEQGRYYLPSLYFAEKGIASNIRRLLGQT  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !! !!! !*  ! !*     !!       ** *      * ** ! !   ** ! !!*! !!!**!!  *!  ****  !!

logo
NTDB id 201855 GTID1 RS15210 WP 008881020.1  PPSASFPESEFLLALGALEERLGMQYAPQQKEAIQRALSSPLFILTGGPGTGKTTVIKGIVELFAVLNGISLSPDDYKNG  397
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    **   !!!!!!!!!!! !!!!* *!!!! !!!!!!*!!!!!* *!!!!!!!!!!!!!*!!!!!** !*!*!! !  !!

logo
NTDB id 201855 GTID1 RS15210 WP 008881020.1  EPFPVLLAAPTGRAAKRMSEATGLPAATIHRLLGWNGAEGFSHDENEPIAGKLLVVDEVSMVDTWLANHLLKAVPNGMQV  477
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    !*!!**!!!!!!!!!!!!!! !!!!! !!!!!!!!!!!!!*! !  !! !!!!**!! !!*! !!!!!! !!*! **!*

logo
NTDB id 201855 GTID1 RS15210 WP 008881020.1  IFVGDEDQLPSVGPGQVLKDLLESGVIPSVRLTEVYRQAEGSSIIELAHEMKRGNVPADLTAPKADRSFIRCRAGQVASV  557
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    ! !!!!!!!!!!!!!!!!!*!!!! ! !!!*!!!!**!!!!!!!!!*!!!! !! ! *!  !!!!  !!!!!!! * !*  !
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logo

NTDB id 201855 GTID1 RS15210 WP 008881020.1  VRQIAENARNKGFSVKDIQVLAPMYRGPAGIDQLNKVLQELFNPPTDGKRELSVGDVVYRVGDKVLQLVNQPEDNVFNGD   637
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    !  *  !!  !!** !!!!!!!!!!!!*!!!  !! *!!** !!! * *!!!  !!!!!! !!!*!!!!!!!! !!!!!!

logo

NTDB id 201855 GTID1 RS15210 WP 008881020.1  IGEVVAIFYAKENTEKQDLLVVSFDGIEVTYTRQDLAQITHAYCCSVHKAQGSEFPIVILPVVKSYYRMLKRNLLYTAVT   717
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !!!*  !!!!!!!!!!! !* !!!!!! !*!*!* !  ! !!!!!!!*!! !!!!!!!!*!!!!! !!!!!*!!!!!!!*!

logo

NTDB id 201855 GTID1 RS15210 WP 008881020.1  RSKQFLILCGEEEAFRFGVAQRGDGARQTALAEKLAAST........ALFVEGELPLEDANIGMENVTPYDFMDDGSS   787
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                    ! ! !!!!!!!!!!  *!! *     !!! !  *!    ********!!  ! * ***!!!!!!! *!!*!!! *
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X non conserved

X similar

X $\geq$ 50% conserved