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logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  .MQQQESWALGEKSFIKGTHIVTIFHNESNLYSVVRIHVEETNEGYDEQEVVVTGYFPRMNEHDVYVFYGAFKDHPRFGR   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    * !***   ! ! ***!!!*   !*!!**!!!*!****! !! !* **  ! !!!!!! **!** ! !!!    !!*!!

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  QYVAEYFRKEMPQTKEGLIYYLSSDLFKGIGKKTAEQIVEALGDQAISVILADPEALAKVPKLPKNKAKELYETLKEHQG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !* !!*!*!!*! !!!!*! !!!!!!! !!!!!!!!! !!  !!! !!  !!!!*  !  !!*!*! !!  !   !  !!!

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  LEQIMIALSQFGFGPQLSMKIYQVYKEAALDVIQKNPYQLVEDVEGIGFRRADELGQQLGLSGSHPDRVRAACLYVIESD  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!!!!! ! !!!!!!!!!!!!!! !    !* !! !!!!!! !!!!!!! *!!!!!  *!!!! !!*!!*!!*!! *!*

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  CLQEGHVYVTKEQLLFKAKQLLESKR..GEDIPPDMIERELLDLAKEEKVIHEDGRFYIPTLYFAEKGIITNIKRLLEQ.  316
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !! !!! !*  !!!*     !!    **!  !**      ** !*    ***!!!!*! !*!**!!  *   *!**  !*

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  .KVTRFPEAEFLLALGRLEERLDVQYGPLQKEAIQQAISSPLFILTGGPGTGKTTVIKGIVEIFADLHGVSLDPKDYHKE  395
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    *    !!! !!!!!!! !!!!*!!!!*! !!!!!! !*!!!* *!!!!!!!!!!!!!*!!!!****!!!!!!!  !*!*

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  NPFPILLAAPTGRAAKRMSEATGLPAMTIHRLLGYNAAEGFTHHEDEPIEGNLLIVDEMSMVDTWLANQLLKSLPTGMQV  475
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                     *!!!*!!!!!!!!!!!!!! !!!!!*!!!!!!!*!*!!!!!!*!! !!!! !!!*!! !!*! !!!!*! ! *!  **!*

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  ILVGDEDQLPSVGPGQVLKDLLKTSRIPTIRLTEVYRQAEGSSIIELAHCMKKGELPADLSSPKTDRSFIRCKAEQVVDV  555
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    !*!!!!!!!!!!!!!!!!*!!! *  !!!*!!**!!!!!!!!!*!!!!*!! ! !!  !* !  !!!!!!! * !* *!
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logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  VRQIADNAWKKGYSVKDIQVLAPMYRGPAGIDRLNRTLQELFNPKSPQKRELSSGETVYRVGDKVLQLVNQPDQNVFNGD   635
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    !  *  !! !!!!* !!!!!!!!!!!!*!!!  !!  !!** !!* * *!!!  !* !!! !!!*!!!!!!!**!!!!!!

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  IGEIVAIFYAKENTEQQDLVVVSFDGNEVTYTRQDLTQITHAYCCSIHKAQGSEFPIVILPVVKSYYRMLQRNLLYTAVT   715
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !!!!  !!!!!!!!!!  !* !!!!!!!!*!*!* !  ! !!!!!!!!!! !!!!!!!!*!!!!! !!!!! !!!!!!!*!

logo
NTDB id 179698 GFC28 RS17485 WP 044744637.1  RSKKFLILCGEEEAFRIGTARCDDGVRQTTLAEKIQQLFEPA........DETELPLDDAGIGMENVSPYDFMIEETK   785
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                    ! !!!!!!!!!!!!   !   *!  !!!!*!  **    !* ******** ! * ***!! !!!! **!*!!! !!
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X non conserved

X similar

X ≥ 50% conserved