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logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  ....MSDPTLFDYSMIKGTVEAILFQNSDNFYTVLKVDTIETNEDFD.TMPTVVGFLPNIVEGDVYTFKGQVVDHPRYGKQLKAE   80
NTDB id 355 BSU 27480 NP 390625.1          MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE   85
consensus                                  *****  * ! * * *!!!!  ****!  ! !!!!!!  !! !  **  **! !* ! * ! * !!! ! *! !!**! !  !!

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  TFEKEMPQTKEAIISYLSSDLFKGVGKKTAQNIVNTLGDNAINDILDDHSVLEKVSGLSKKKQKQIAEQISANQESERIMIRLHD  165
NTDB id 355 BSU 27480 NP 390625.1          HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ  170
consensus                                  *! !!*! !!!*!! !!!!!!! !*!!!!!  !!  !!! !!! !! !*!!!  !* !!!!!   *!  *  *!  ! !!! !*

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  LGFGPKLSMAIYQFYLGDTLTILDRNPYQLIYDIKGIGFNKADQLARNIGIAYNDNERLKAALLYTLEEECIKQGHTYLPINVVI  250
NTDB id 355 BSU 27480 NP 390625.1          FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI  255
consensus                                   !!!! !!! !!! !  *!!  *  !!!!!* !* !!!! !!! !*  *!*  !**!!*!!!*!!!!!  !*  !!!!**   *!

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  DLTVDVLNYQDEEVI..EPEKLDEMLQYLNEEKRLIIDNEQVAIPSLYYSEIKSVQNLFRIKTHTNKLTEIEQSDLQMHIGEIED  333
NTDB id 355 BSU 27480 NP 390625.1          IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE  340
consensus                                    !  *!!    !  ** *      *  ! ! ! **!*   *  !!!*! !      * *! **!      * !*  ***!!*!*

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  ANQVNYAASQKEALQTAINSKVMLLTGGPGTGKTTVIKGIVELYAEIHGLSLDYDDYVN.DDYPVVLAAPTGRASKRLQESTGLE  417
NTDB id 355 BSU 27480 NP 390625.1          RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP  425
consensus                                     !*!!*!!!!!*! !* !***!!!!!!!!!!!!!!!*!!!!!!*!*!!*!!!*   !   ** *!*!!!!!!!!! !!* !!!!!*

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  AMTIHRLIGWNQDTKPEDILENEINARLIIIDEMSMVDTWLFHQFLSAVPLDAQLIFVGDEDQLPSVGPGQVFKDLIESKAIPRV  502
NTDB id 355 BSU 27480 NP 390625.1          AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV  510
consensus                                  !*!!!!!*!!!    * *  ***! **!*!!!! !!*! !! **   !*! * !*! !!!!!!!!!!!!!!! *!!* !  !! !

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  NLTEVYRQQDGSSIIELAHRMKLGQKI.DITQRFHDRSFINCQANQIPTVVEKVVTSAVNKGYTMADIQVLAPMYKGNAGIKRLN  586
NTDB id 355 BSU 27480 NP 390625.1          RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN  595
consensus                                   !!**!!! *!!!!*!!!! !! !  ** *! * *!!!!! ! * !!* !!!!!!  !* !!!!  !!!!!!!!!*! !!!  !!
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logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  QVLQDILNPKKKDTREIEFGDVVFRKGDKVLQLVNRPNDNIFNGDIGVIVGIFGAKENALNKDVLVVDFEGNEITFTKQDMMELT   671
NTDB id 355 BSU 27480 NP 390625.1          VMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFT   680
consensus                                   *!!!!!!!*!    !!* !!!!!*! !!!*!!!!! !  !*!!!!!! !  !! !!!!    !* !! !*!!!*!!!! !    !

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  HAYCTSIHKSQGSEFPIVIMPIVKQYFRMLQRPILYTGLTRAKTSLVLLGDPEAFDIGLKTNGQARLTQLCTLLKNYFNSEDEEM   756
NTDB id 355 BSU 27480 NP 390625.1          HAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQ...TSLKNRLSVQVEEM   762
consensus                                  !!!!*!!!!!!!!!!!!!**!*!! !*!!! !**!!!**!!!!  !*!*!**!! * !*! !      ***! !!!      !!!

logo
NTDB id 62405 SA40 RS07945 WP 001283328.1  LENTATNDTGASQTTIDDQVEVPMSSNASEEVTSDSTKTDTNVLTEATMFKIDPMINMGEITPYDFIER...   825
NTDB id 355 BSU 27480 NP 390625.1          DAE.................L.....................EALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                     ************************************  *  ! *   *!* ! !  !!!*!!*  ***
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X non conserved

X similar

X $\geq$50% conserved