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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  ..............................................................................  0
NTDB id 355 BSU 27480 NP 390625.1              MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL  80
consensus                                      ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  ..............................................................................  0
NTDB id 355 BSU 27480 NP 390625.1              QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                      ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  ..............................................................................  0
NTDB id 355 BSU 27480 NP 390625.1              LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                      ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  ........................................MDQLEDDGKIVREGNDVYLPELYYAEKGIVTSIQRLTEGS  40
NTDB id 355 BSU 27480 NP 390625.1              CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                      ****************************************  ! *   !! !   *! ! !*!!!  *   * **   *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  .EEEEYSEAEFMEALGKVEDRLSMQYADSQQKAIRQAIRSPLMVLTGGPGTGKTTVIHGIVEVYAELNSLSLEVKDYDSE  119
NTDB id 355 BSU 27480 NP 390625.1              EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                      * !  **! !!* !!! *!*!* *!!!*!!  !!  !* !!***!!!!!!!!!!!!!*!!!!*!*!!* *!!**  !  *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  HPYPILLVAPTGRAAKRMKESTGLPAVTIHRLLGWTGGANYAHDQDDPVEGKLIIVDEMSMVDIWLANQLLKSLPDDMKM  199
NTDB id 355 BSU 27480 NP 390625.1              EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                      ***!!*! !!!!!!!!!! !!!!!!!!!!!!!!!! !*  * !  ! !*!!!!*!*!! !!*!!!!!!*! ! *!!** *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  VIVGDEDQLPSVGPGQVLADLIQSGVIPVVRLTDIFRQAKGSSIIELAHQIKEGQLK.DLTAKRDDRRFFHCHQAQVTEA  278
NTDB id 355 BSU 27480 NP 390625.1              IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                      *!!!!!!!!!!!!!!!!!! !!* ! !!! !!!!!!*!!! !!!!*!!!!!*! ! !** !!!*  !! ! *!*  !* !
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logo
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  VCQIAKGAEKKGYQPKDIQVLAPIYRGNAGIEKLNERLQELFNPPSDQKRGLTFGDHIFRVHDKVLQLMNNPDDQVFNGD   358
NTDB id 355 BSU 27480 NP 390625.1              VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                      !* *   ! !!!! *!!!!!!!!*!!! !!!  !!  !!** !!! * *! ! !!!***! *!!*!!!*!*!* *!!!!!

logo
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  IGEIISILRAKETTDNEDTVIVSFDGIEVKYLRHDLNQLTLAYCCSIHKAQGSEFPIVILPVVKGYHRMLKRNLIYTAVT   438
NTDB id 355 BSU 27480 NP 390625.1              IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                      !!!! !!  !!! !* !!  *!!!!! !* * **! !! !*!!!!!!!! !!!!!!!!*!!!!!!!*!!!!*!!!*!!!*!

logo
NTDB id 1013963 ABNN70 RS13145 WP 353948042.1  RSKEYLMICGNEEAIRTAVQRNDVDRRHSNLAAKLRERMSLPDA........GPLSLSDDS..................   491
NTDB id 355 BSU 27480 NP 390625.1              RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                      ! ! *!**!! !!!*  *!  !!   !** !  *!   *  *!!******** ! !**!  ****************
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X non conserved

X similar

X $\geq$ 50% conserved