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logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  MGNQHAMDLFEEEKKFIKAQVLHTIFHNEENLYSVVSMKVIETNETYDEKKVMINGHFPRMHEDEVFTLTGHFKDHPKYGKQYMV   85
NTDB id 355 BSU 27480 NP 390625.1           .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQA   84
consensus                                   * *!!*   !   !! ***!* ! * !*!!* !!!*!* *!! !! !   **! ! * !*!! **!*! *!  !*    !!!*! !*

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  ETFKKELPQTKAGMVQYLASDLFKGIGKRTAEKIVDHLGEHAISKIMDDPEALNGVV..NKQKAQEIYETIVEHQGLEKVMSFLN  168
NTDB id 355 BSU 27480 NP 390625.1           EHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLN  169
consensus                                   !*!!!!*! !! !**!!! !!!! !!!!*!!! !! *!!**!! !!* !*  !  !*** ! !!  *   *  !!!!! *!  !!

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  GYGFGTKLSIKIYQQYKEMTLEVIRNNPYQLIEEVDGIGFGRADDIGRALGISGNHDDRVRAGCFYTLENVSLQLGHVYMRKDQL  253
NTDB id 355 BSU 27480 NP 390625.1           QFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQL  254
consensus                                    *!!!* !!*!!!! !   !!! !  !!!!!* *!*!!!!!*!!**!  *!*!!!!**!!*!** !!!!  *!  !! !*  *!!

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  VRETMSLLNNQE...GRVTEEDIIGCIETMQSEGKVIIEEERVYLATLFYSEKGVVKSIRRLMNQE.ETPSFPEAEVLKTLGEIE  334
NTDB id 355 BSU 27480 NP 390625.1           IIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELE  339
consensus                                   * *! !!!!*  *** !*!! !   *!  *     **!!* !*! **!!! !  ! ! ****  ! *  * !!! ! !  !!!*!

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  EQLNVQYAPFQQEAIQTALHKPMMLLTGGPGTGKTTVIKGIVEMYASLHGLSLNPNEYSDDNPFPILLTAPTGRAAKRMSESTGL  419
NTDB id 355 BSU 27480 NP 390625.1           ERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGL  424
consensus                                   ! * !!!!! ! !!!! !!* !!*!!!!!!!!!!!!!!*!!!!*!* !!!*!! !  !  ! *!!!*! !!!!!!!!!!!!!!!!

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  PACTIHRLLGWTPEGSFQRNETDPVQGKLLIIDEFSMVDIWLANQLFKSLPTNIQVIVVGDEDQLPSVGPGQVLKDLLNAGAVPT  504
NTDB id 355 BSU 27480 NP 390625.1           PAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPT  509
consensus                                   !!*!!!!!!!! *   ! * !  !* !!!!!!!! !!*!!!!!!*!!! *! *!!*!*!!!!!!!!!!!!!!!!*!!!    *!!

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  VKLTEIYRQAEGSSVIQLAHAIKDGTLPPDLAQNKKDRSFISCTGAQIVEVVKKVCENAKTKGFSARDVQVLAPMYRGPAGINVL  589
NTDB id 355 BSU 27480 NP 390625.1           VRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINEL  594
consensus                                   !*!!*!!!!!!!!!** !!! *! ! !!* !  * !!!!!! ! ! !! !!! !!* !!  !!**!*!*!!!!!!!!!*!!!! !
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logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  NEALQQVFNPKREKSKEIAYGDVVYRRGDKVLQLVNQPESQVFNGDIGEIVSVFYAKENVEQQDMIIVSFDGIEVTYTKPDLNQI   674
NTDB id 355 BSU 27480 NP 390625.1           NVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQF   679
consensus                                   !  !! * !!**!! *!* *!!!!!! !!!*!!!!!!!! *!!!!!!!!! !*!!!!!! !  !! *!!!!! !*!*!!*! !!

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  THAYCCSIHKSQGSEFPIVIMPIVKSYNRMLRRNLIYTGITRSKKFLIICGEEAAFKSGVNRLDDAMRQTTLASRLQESQGEVQ.   758
NTDB id 355 BSU 27480 NP 390625.1           THAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDA   764
consensus                                   !!!!!!!!!!!!!!!!!!!**!*!! ! !!!!!!!*!!*!!! !!!!!*!!!! !   !!   !  *!!!*!  !!     !* *

logo
NTDB id 128820 AS86 RS31165 WP 000528079.1  .........MVTVNGEEMDVENISPYDFM.....   778
NTDB id 355 BSU 27480 NP 390625.1           ELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                   ********** *!*   * *! !*!*!!!*****
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X non conserved

X similar

X $\geq$ 50% conserved