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logo
NTDB id 1052722 ACB691 RS21730 WP 000528071.1  MGNQHAMDLFEEEKKFIKAQVLHTIFHNEENLYSVVSMKVIETNETYDEKKVMINGHFPRMHEDEVFTLTGHFKDHPKYG   80
NTDB id 355 BSU 27480 NP 390625.1              .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFG   79
consensus                                      * *!!*  !  !! ***!* ! * !*!!* !!!*!* *!! !! !  **! ! * !*!! **!*! *!  !*   !!!*!

logo
NTDB id 1052722 ACB691 RS21730 WP 000528071.1  KQYLVETFKKELPQTKAGMVQYLASDLFKGIGKRTAEKIVDHLGEHAISKIMDDPEALNGVV..NKQKAQEIYETIVEHQ  158
NTDB id 355 BSU 27480 NP 390625.1              LQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQ  159
consensus                                       !*  !*!!!!*! !! !**!!! !!!! !!!!*!!! !! *!!**!! !!* !*  !  !*** ! !!  *   *  !!

logo
NTDB id 1052722 ACB691 RS21730 WP 000528071.1  GLEKVMSFLNGYGFGTKLSIKIYQQYKEMTLEVIRNNPYQLIEEVDGIGFGRADDIGRALGISGNHDDRVRAGCFYTLEN  238
NTDB id 355 BSU 27480 NP 390625.1              GLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLET  239
consensus                                      !!! *!  !! *!!!* !!*!!!! !   !!! !  !!!!!* *!*!!!!!*!!**!  *!*!!!!**!!*!** !!!!

logo
NTDB id 1052722 ACB691 RS21730 WP 000528071.1  VSLQLGHVYMRKDQLVRETMSLLNNQE...GRVTEEDIVGCIETMQSEGKVIIEEERVYLATLFYSEKGVVKSIRRLMNQ  315
NTDB id 355 BSU 27480 NP 390625.1              TCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                       *!  !! !*  *!!* *! !!!!*  *** !*!! !   *!  *     **!!* !*! **!!! !  ! ! ****  !

logo
NTDB id 1052722 ACB691 RS21730 WP 000528071.1  E.ETPSFPEAEVLKTLGEIEEQLNVQYAPFQQEAIQTALHKPMMLLTGGPGTGKTTVIKGIVEMYASLHGLSLNPNEYSD  394
NTDB id 355 BSU 27480 NP 390625.1              TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK  399
consensus                                       *  * !!! ! !  !!!*!! * !!!!! ! !!!! !!* !!*!!!!!!!!!!!!!!!*!!!!*!* !!!*!! !  !

logo
NTDB id 1052722 ACB691 RS21730 WP 000528071.1  DNPFPILLTAPTGRAAKRMSESTGLPACTIHRLLGWTPEGSFQRNETDPVQGKLLIIDEFSMVDIWLANQLFKSLPTNIQ  474
NTDB id 355 BSU 27480 NP 390625.1              DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                      ! *!!!*! !!!!!!!!!!!!!!!!!!!*!!!!!!!! *   ! * !  !* !!!!!!!! !!*!!!!!!*!!!  *!  *!!

logo
NTDB id 1052722 ACB691 RS21730 WP 000528071.1  VIVVGDEDQLPSVGPGQVLKDLLNAGAVPTVKLTEIYRQAEGSSVIQLAHAIKNGTLPPDLAQNQKDRSFIGCTGAQIVE  554
NTDB id 355 BSU 27480 NP 390625.1              IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                      *!*!!!!!!!!!!!!!!!!!*!!!    *!!!*!!*!!!!!!!!!** !!! *!!! !!* !  * !!!!!! ! ! !! !
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logo

NTDB id 1052722 ACB691 RS21730 WP 000528071.1  VVKKVCENAKTKGFSARDVQVLAPMYRGPAGINVLNEALQEVFNPKREKSKEIAYGDVVYRRGDKVLQLVNQPESQVFNG   634
NTDB id 355 BSU 27480 NP 390625.1              VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                      !! !!* !!   !!**!*!*!!!!!!!!!*!!!! !!   !!** !!**!! *!* *!!!!!! !!!*!!!!!!!! *!!!!

logo

NTDB id 1052722 ACB691 RS21730 WP 000528071.1  DIGEIVSVFYAKENVEQQDMIIVSFDGIEVTYTKPDLNQITHAYCCSIHKSQGSEFPIVIMPIVKSYNRMLRRNLIYTGI   714
NTDB id 355 BSU 27480 NP 390625.1              DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                      !!!!! !*!!!!!! !  !! *!!!!! !*!*!!*! !! !!!!!!!!!!!!!!!!!!!**!*!! ! !!!!!!!*!!*!

logo

NTDB id 1052722 ACB691 RS21730 WP 000528071.1  TRSKKFLIICGEEAAFQSGVNRLDDAMRQTTLASRLQESQGEVQ..........MVTINGEEMDVENISPYDFM.....   778
NTDB id 355 BSU 27480 NP 390625.1              TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                      !! !!!!!*!!!! !   !!   !  *!!!*!  !!     !* *********** ***   * *! !*!*!!!*****
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X non conserved

X similar

X $\geq$ 50% conserved