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logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  MGNQHAMDLFEEDKKFIKAQVLHTIFHNEENLYSVVSMKVIETNETYDEKKVMINGHFPRMHEDEVFTLTGHFKDHPKYG   80
NTDB id 355 BSU 27480 NP 390625.1            .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFG   79
consensus                                    * *!!*  !  !* ***!* ! * !*!!* !!!*!* *!! !! !  **! ! * !*!! **!*! *!  !*   !!!*!

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  KQYLVETFKKELPQTKAGMVQYLASDLFKGIGKRTAEKIVDHLGEHAISKIMDDPDALNGVV..NKQKAQEIYETIVEHQ  158
NTDB id 355 BSU 27480 NP 390625.1            LQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQ  159
consensus                                     !*  !*!!!!*! !! !**!!! !!!! !!!!*!!! !! *!!**!! !!* !*  !  !*** ! !!  *   *  !!

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  GLEKVMSFLNGYGFGTKLSIKIYQQYKEMTLEVIRNNPYKLIEEVDGIGFGRADDIGRALGISGNHDDRVRAGCFYTLEN  238
NTDB id 355 BSU 27480 NP 390625.1            GLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLET  239
consensus                                    !!! *!  !! *!!!* !!*!!!! !   !!! !  !!! !* *!*!!!!!*!!**!  *!*!!!!**!!*!** !!!!

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  VSLQLGHVYMGKNQLVRETMSLLNNQE...GRVTEEDIVACVEMMQSEGKVIIEEERVYLASLFYSEKGVVKSIHRLMNQ  315
NTDB id 355 BSU 27480 NP 390625.1            TCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                     *!  !! !*   !!* *! !!!!*  *** !*!! !   **  *     **!!* !*! *!!!! !  ! ! ****  !

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  E.ETPSFPEAEVLKTLGQIEEQLNVQYAPFQQEAIQTALHKPMMLLTGGPGTGKTTVIKGIVEMYASLHGLSLNPNEYSD  394
NTDB id 355 BSU 27480 NP 390625.1            TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK  399
consensus                                     *  * !!! ! !  !! *!! * !!!!! ! !!!! !!* !!*!!!!!!!!!!!!!!*!!!!*!* !!!*!! !  !

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  DNPFPILLTAPTGRAAKRMSESTGLPACTIHRLLGWTPEGSFQRNETDPVQGKLLIIDEFSMVDIWLANQLFKSLPTNIQ  474
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                    ! *!!!*! !!!!!!!!!!!!!!!!!!*!!!!!!!! *   ! * !  !* !!!!!!!! !!*!!!!!!*!!! *! *!!

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  VIVVGDEDQLPSVGPGQVLKDLLNAGAVPTVKLTEIYRQAEGSSVIQLAHAIKNGTLPPDLAQNQKDRSFIGCTGAQIVE  554
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    *!*!!!!!!!!!!!!!!!!*!!!    *!!!*!!*!!!!!!!!!** !!! *!!! !!* !  * !!!!!! ! ! !! !
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logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  VVKKVCENAKTKGFSARDVQVLAPMYRGPAGINVLNEALQEVFNPKREKSKEIAYGDVVYRRGDKVLQLVNQPESQVFNG   634
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                    !! !!* !!  !!**!*!*!!!!!!!!!*!!!! !!  !!** !!**!! *!* *!!!!!! !!!*!!!!!!!! *!!!!

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  DIGEIVSVFYAKENVEQQDMIIVSFDGIEVTYTKPDLNQITHAYCCSIHKSQGSEFPIVIMPIVKSYNRMLRRNLIYTGI   714
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                    !!!!! !*!!!!!! !  !! *!!!!! !*!*!!*! !! !!!!!!!!!!!!!!!!!!!**!*!! ! !!!!!!!*!!*!

logo
NTDB id 346445 EXW41 RS21455 WP 088064458.1  TRSKKFLIICGEEAAFQSGVNRLDDAMRQTTLANRLQESQGEVQ..........MVTVNGEEMDVENISPYDFM.....   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