```
logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  ....MGDPTLFNNSMIKGTVDAILFQNKENFYTVLKVDTIESSETFD.SMPTIVGFFPEIAEGDVYTFKGQVVTHPKYGK   75
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    *****  * !   * *!!!!  ****!  ! !!!!!!   !*!!  **  *** !*!! * ! * !!! ! *!!!!!*!

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  QLKAETFEKELPQTKEAIISYLSSDLFKGIGKKTAQSIVNKLGENAISDILNDPSVLEQVPGLPKKKQKQIAEQIASNQE  155
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !  !!*! !!*! !!!*!! !!!!!!! !!!!!!!  !! !!!* !!  !! !*!!!  !! !*!!!   *!  *  *!

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  TEQIIIRLHDLGFGPKLAMAIYQAYLGETLNVVANKPYQLVYDVKGIGFNKADTLARNVGIQFNDTERLKAGLLYVLEEE  235
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                     !!!*! !*  !!!! ! ! !!!!!  !!!  *   !!!!! !! !!!! !!! !*  *!*  !**!!*!!**!! !!

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  CIKQGHTYLPTQNVLEMTQDMLSQAPSEII...EMQQLNHVLQELVNDTKLIQQENEVAIPSLYYSELKSVQNLYRNYAY  312
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANA.IIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                    !*  !!!!**! ***  !! *! ! * !  ***!!   !***  !     **  *  *  !!!*! !      * *

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  TNKLKQIEQSDLLMKIGEIEERNQVNYANSQKDALQTAINSKIMLLTGGPGTGKTTVIKGIVELYAEIHGLSLNYDDYQN  392
NTDB id 355 BSU 27480 NP 390625.1            TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK  399
consensus                                    !    ! * !* !* *!!*!!!  !*!!*!!!*!*! !* !***!!!!!!!!!!!!!!*!!!!!!*!*!!*!! *  !

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  .DDYPVVLGAPTGRASKRLAESTGLEAMTIHRLLGWNQDTQPEDILDNEISAKLIIIDEMSMVDTWLFHQFLSAVPIDAQ  471
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                    ** *!*!!*!!!!!! !!* !!!!!*!*!!!!!*!!!    * *  !**! *!!*!!!! !!*! !! **   !*! * !

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  IILVGDEDQLPSVGPGQVFKDLIDSKVIPRVNLTEVYRQQDGSSIIELAHRMKLGE.PIDITQRFHDRNFINCNTCDQIPT  550
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    !!*!!!!!!!!!!!!!!!! *!!* ! !!! ! !!**!!! *!!!!*!!!! !! ! *!  *! * *!! !! !   !!*
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logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  VVEKVVSSAVNKGYDMSDIQVLAPMYKGSAGIKKLNMVLQDILNPKDKDTREIEFGDVFFRKGDKVLQLVNRPNDNIFNG   630
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                    !!!!!!  !* !!!   !!!!!!!!!*! !!!  !!**!!!!!!!*    !!* !!!! *! !!!*!!!!! !  !*!!!

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  DIGVIVGVFWAKENALNKDVLVVDFEGNEITFVRQDLIELTHAYCTSIHKSQGSEFPIVIMPMVKQYFRMLQKPILYTGL   710
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                    !!! !  *!*!!!!    !* !! !*!!!*!! * !    !!!!!*!!!!!!!!!!!!!**!*!! !*!!! ***!!!**

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  TRAKQALVFLGDPQAFDIGLKTHGQV.RMTQLCTFLKAYFNNDASTEEEISDTFDADIILTEDNIFKINPMINMGDISPY   789
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQV.......EEMDAEL..EALQKELPFSVHDANIGMEGITPF   790
consensus                                    !!!!  !* *!** ! * !*! *   *! ! !*  !    *******!!*    *** *  ! *   * * ! !  !*!*

logo
NTDB id 304010 DV527 RS06240 WP 145437534.1  DFVED...   794
NTDB id 355 BSU 27480 NP 390625.1            DFMKEEQQ   798
consensus                                    !!* ****
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X non conserved

X similar

X $\geq$ 50% conserved