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logo

NTDB id 124031 SHYC RS06270 WP 039645434.1  ....MENPTLFEQTYIKGNIDVILFQNSDNYYTVLKVDVEDSNEDFD.NMATVVGYFPNIVEGETYTFKGQVAEHPRYGKQLKAE   80
NTDB id 355 BSU 27480 NP 390625.1           MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE   85
consensus                                   ******** ! ! *!*!! *  ****!  ! !!!!!! ! ** !  **   *! !!!! * ! !!!!! ! *  !!**! !  !!

logo

NTDB id 124031 SHYC RS06270 WP 039645434.1  TFQKEIPQTREAIIQYLSSDLFKGVGKKTAESIVDTLGDHTIQSILKDATVLEQVPKLSKAKQQQIADQVYQNQESEQIMIRLNE  165
NTDB id 355 BSU 27480 NP 390625.1           HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ  170
consensus                                   *! !!!! !*!*!!!!!!!!!! !*!!!!!! !!  !!!* !* !! !!*!!  !!*!!! !   *!  *  *!  !!!!! !!

logo

NTDB id 124031 SHYC RS06270 WP 039645434.1  LGFGAKLAMDIYKFYKVDTLKIIDENPYQLVYDIRGVGFQKADQLARLIGISYTHPNRLKAGIQYIIEEICIKQGHTYLPKDTLM  250
NTDB id 355 BSU 27480 NP 390625.1           FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI  255
consensus                                    !!!* ! ! !!  !  *!!  ! !!!!!!! !* !*!! !!! !*  *!*!  !! !*!!*! ! *!  !*  !!!!** * !*

logo

NTDB id 124031 SHYC RS06270 WP 039645434.1  KESSVLLTKQNET..TIDSAMLEDVFMQLIEEKRLVDDDGHIAIPSLFYSELKSSQNVYKLMSNNVRIDTFDQSDIQMHIGEIEE  333
NTDB id 355 BSU 27480 NP 390625.1           IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE  340
consensus                                    **  !!      ** !         * ! ! ! *! *!!**  !!!!! !      ! ** !*      !* !*  ***!!*!!

logo

NTDB id 124031 SHYC RS06270 WP 039645434.1  THGVSYAEAQKEALEAAMKNKLMILTGGPGTGKTTVIKGIVHLYATLHGISLNYDDYG.DEDYPVVLAAPTGRASKRLHDATGLE  417
NTDB id 355 BSU 27480 NP 390625.1           RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP  425
consensus                                    * ! !!* !!!!*  !*  ****!!!!!!!!!!!!!*!!!*!!* !!!*!! *   ! *!! *!*!!!!!!!!! !!*** !!!*

logo

NTDB id 124031 SHYC RS06270 WP 039645434.1  AMTIHRLIGWNQDTKPEDILDHAIHAKLIIIDEMSMVDTWLFHQFMAAVPEDAQVVLVGDEDQLPSVGPGQVFRDLITSKALPRI  502
NTDB id 355 BSU 27480 NP 390625.1           AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV  510
consensus                                   !*!!!!!*!!!    * *  !**!**!!*!!!! !!*! !! **   !*!** !***!!!!!!!!!!!!!!! !!!* !   *! *

logo

NTDB id 124031 SHYC RS06270 WP 039645434.1  NLIEVYRQQDGSSIIELAHKMKAGLNV.DITERFHDRSFIPCHIDQIPEVVRKVVTNAVKKGYDMSDIQVLAPMYRGNAGIHKLN  586
NTDB id 355 BSU 27480 NP 390625.1           RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN  595
consensus                                    ! **!!! *!!!!*!!!! !! !! ** *! * *!!!!!*!*  !!*!!! !!! !!*!!!!   !!!!!!!!!!! !!!* !!
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logo
NTDB id 124031 SHYC RS06270 WP 039645434.1  KVLQDILNPIEDDDTREIQFGDVVYRKGDKVLQLVNRPNDNIFNGDIGVIVGIFWAKENALNKDVVIVDYEGNEITYLKSDLTEL   671
NTDB id 355 BSU 27480 NP 390625.1           VMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQF   679
consensus                                    *!!!!!!!* **  !!* !!!!!!! !!!*!!!!! !  !*!!!!!! !  !!*!!!!    !* *! **!!!*!* ! !

logo
NTDB id 124031 SHYC RS06270 WP 039645434.1  THAYCTSIHKAQGSEFPIVIMPIVKQYFRMLQKPILYTGLTRAKQSLVFLGDADAFNIGIKTEGQVRLTRQQMFLEQYFNTDSE.   755
NTDB id 355 BSU 27480 NP 390625.1           THAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQ..T.SLKNRLSVQVEE   761
consensus                                   !!!!!*!!!! !!!!!!!!**!*!! !*!!! ***!!!**!!!!  !* *!* *!   !*!        ** * ! *      !*

logo
NTDB id 124031 SHYC RS06270 WP 039645434.1  .TNQPVQLSEE.TMFKIDPMINMKNVTPYDFMEIDNV   790
NTDB id 355 BSU 27480 NP 390625.1           MDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                   *   *  !  !**   *!* ! !  *!!*!!!  **
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X non conserved

X similar

X $\geq$ 50% conserved