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logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  MAENLN.LFEVNKLFILGRPIVSIFHNATNMYSIVRVKIQETNLQYDDKEIIVVGYFPKLNEEELYRFTGVLKTHPKYGQ   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !  ** *!     *** ! *   !*!! !!*!****!!* !!    *!! * ! !!!! !*!!! ! ! ! * !!!!*!

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  QFQVETFVKEVPATEQGIIHYLSSDLFSGIGRKTAEIIVEKLGVDAIRIIMEDPYALDSVPRLNEEKKAKIRETLEQNLG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!! !*! !!*! !  !!!*!!!!!!! !!!*!!!! !! !!!  !!  !* !*  !  !!!!   !   *   !  * !

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  LEKVMIKLNEWGFGPQLGMKIYQTYREETISLLTENPFRLIEDVEGVGFGRADELGSKLGITGAHPDRIKAAVLHILTNA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !! *!! !! *!!!!!! !!!!! !  !!*  * !!!* !* !!!!*!!!*!!!!!!**!**! !!*!*!!!*!* !

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  SLSDGHVYLDAEHVLPEVKSMLEQRQPH..EIPYETISKAIIEMREESKICGEETRLYLPSLYFSEVGIASKILELLNQN  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    *!!*!! !** !*****  !*! !  **** !*      !!! * !   !* !* !*! !!!** !  *! ** **  !

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  .GKQRFTKDEIRKAIGEVEDRLEVSYAETQAMAIECALNSSLMILTGGPGTGKTTVIRGFVEVYAELHGLSLNPKEYAQK  396
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                    *  * !*  !   !*!!*!*!**! !!**!  !! *!! !****!!!!!!!!!!!!!! !!*!*!!!!*!! !  ! *!

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  EEPFPIVLAAPTGRAAKRLAESTELPAMTIHRLLGFNGQEKEEE.TEREIEGRLIIIDEMSMVDTWLAHQLLKSISEGVQ  475
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                    *!*!!!!!!!!!!!!!!!!* !!! !!!*!!!!!!!*!! !   ** * *!!!*!*!!!! !!*! !!!**! ! !****!

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  VVFVGDQDQLPPVGPGQVLKDLLASKKIPTVELTDVYRQAEGSTIIELAHQIKKGNIPSTVENKTSDRSFIKASADQIAS  555
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    ** !!! !!!!*!!!!!!!*!!!!!  !!!! !!!*!!!!!!!*!*!!!!!*! ! *!  *  *! !!!!!** * !!
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logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  VVTQVVKSAVAKGQSIRDIQVLAPMYKGPAGIDMLNKRIQELVNPNDDGKRKELVFGDVTYRIGDKVLQLVNQPESNIFN  635
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFN  638
consensus                                    !!  !!  !* !! * *!!!!!!!!!*!*!!!  !!  *!***!!* **!!*!! !!!! !! !!!*!!!!!!!! !*!!

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  GDMGEVIAIIRAKENIEKQDLLVVSYDGNEVTYQRGDLNQITLAYCCSIHKSQGSEFPTVIMPIVRGYSKMLRRNLLYTG  715
NTDB id 355 BSU 27480 NP 390625.1            GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA  718
consensus                                    !!*!!*  !  !!!! !! !* !!!*!!!!*!* * ! !! !*!!!!!!!!!!!!!!! !**!*!*!! *!!!!!!!!!*

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  ITRAKNFLILCGEPDVFTAGLSKTDDLLRLTSLKARLNPMEIEEVTKKAGNEQVEVSKATNEPPDIEEQQKAINVNGEIL  795
NTDB id 355 BSU 27480 NP 390625.1            ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQV.EEMDAE..................LEALQ..........  770
consensus                                    !!!!! !!!!!!!**    !*   !  *! !!!! !! *  *!!*   ******************!  !**********

logo
NTDB id 281151 C1N55 RS12685 WP 137729171.1  EPVLNTDTAPYIHPLVGMNGLSPYDFLDEKESIK  829
NTDB id 355 BSU 27480 NP 390625.1            ....KELPFSVHDANIGMEGITPFDFMKEEQQ..  798
consensus                                    ****   * * *** *!! !**!*!!* !   **
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X non conserved

X similar

X $\geq$ 50% conserved