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logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  MTDHLDLFELN.KFFILGRPIVSIFHNTQNMYSIIRVKIQETNLQYEDKEIIVVGYFPPLQMDEQYRFTGILKQHPKYGA   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !  !*!   ! * *** ! *   !*!!  !*!****!!* !!    !!! * ! !!!!*!! *! ! ! ! *  !!!*!

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  QFQIETFTKEVPATEQGIIHYLSSDLFVGIGRKTAETIVEKLGANALRLILEDPSALDVVPRLSSEKKEVIHRTIEQNLG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!! !*! !!*! !  !!!*!!!!!!! !!!*!!!! !! !!!  !*  !! !*! !  !!!!!  ! * **  *  * !

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  LERVMIQLNEWGFGPQLGMKIYQTYRTEAVELLTENPYRLIEDVEGVGFFRADELGAKLGITGKHPDRVKAAILHILNTA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !! *!! !! *!!!!!! !!!!! ! *! *! * !!!! !* !!!!*!! *!!!!! **!**! !!*!!!!!!!* ! !

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  ALSDGHVYLDAEHVLPLVKEMLEQSQRQEIP..FEDISKACIELREDGKVCGEETRLYLPSLYFSEVGIASKILTLVERN  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    *!!*!! !** !****    *! !! !   ***  !   !*! ! !   ** !* !*! !!!** !  *! ** **

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  SKTEHFSKDEIRKAIGETEELLQVTYAETQANAIEQALNSAVMILTGGPGTGKTTVVRGVVEVYAKLHGLSLNPKEYAQK  397
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                        *!*  !   !*!! !! * ! !!**!  !!  !! !****!!!!!!!!!!!!*!!*!!*!* !!!*!! !  ! *!

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  EEPFPIILCAPTGRAAKRLAESTELPAMTIHRLLGFTGQEKEEET.EREVTGKLIIVDEMSMVDTWLAHQLLKALHEDVQ  476
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                    *!*!!!*!*!!!!!!!!!* !!! !!!*!!!!!!!* ! !   *!** ** !!!*!*!! !!*! !!!**! !!* ***!

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  VVFVGDQDQLPPVGPGQVLKDLLASKQLPTVELTDVYRQAEGSTIIELAHQIKKGTIPQDLTSKTTDRSFIKSSVDQVGN  556
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    ** !!! !!!!*!!!!!!!*!!!!!  *!!! !!!*!!!!!!!*!*!!!!!*! ! *!* !! *! !!!!!**   !*
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logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  VVTQVVKSAVAKGQEIRNIQVLAPMYKGPAGIDNLNKMIQELINPNDTGTRKELVFGDVTYRIKDKVLQLVNQPESNVFN   636
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFN   638
consensus                                    !!  !!  !* !!   * !!!!!!!!*!*!!!  !! !*!***!!*  * !*!! !!!! !!  !!*!!!!!!!! !!!!

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  GDMGEVISIIKAKETVEKQDLLIVSFDGIEVTYQRSDLNQLTLAYCCSIHKSQGSEFQTVIMPVVKGYSKMLRRNLLYTG   716
NTDB id 355 BSU 27480 NP 390625.1            GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA   718
consensus                                    !!*!!* !!  !!!  !! !* *!!!!! !*!* * ! !! !*!!!!!!!!!!!!!!!* !**!!!!!! *!!!!!!!!!*

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  ITRAKNFLILCGEPDVLADGLQRTDDLQRFTSLRARLNPMDVDEVMVEVEAVPVKQEAVQEIAIEDHKLTVETAPYIHPM   796
NTDB id 355 BSU 27480 NP 390625.1            ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQ.VEEMDAELEALQK......EL..........PFSVHDAN   781
consensus                                    !!!!! !!!!!!!** !  !*   !   ! !!!* !! * *!*!*  !*!!** ******!************ * ***

logo
NTDB id 174777 A1T07 RS19150 WP 036162221.1  IGMDDVSPYDFLEM...   810
NTDB id 355 BSU 27480 NP 390625.1            IGMEGITPFDFMKEEQQ   798
consensus                                    !!!* **!*!!*  ***
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X non conserved

X similar

X $\geq$ 50% conserved