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logo
NTDB id 1102539 ACM641 RS07695 WP 418302426.1  MTDHLDLFELN.KFFILGRPIVSIFHNTQNMYSIIRVKIQETNLQYEDKEIIVVGYFPPLQMDEQYRFTGILKQHPKYGA   79
NTDB id 355 BSU 27480 NP 390625.1              MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                      !  !*!   ! * *** ! *   !*!!  !*!****!!* !!    !!! * ! !!!!*!! *! ! ! ! *  !!!*!

logo
NTDB id 1102539 ACM641 RS07695 WP 418302426.1  QFQIETFTKEVPATEQGIIHYLSSDLFVGIGKKTAETIVEKLGANALRLILEDPSALDAVPRLSSEKKEVTHRTIEQNLG  159
NTDB id 355 BSU 27480 NP 390625.1              QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                      !!! !*! !!*! !  !!!*!!!!!!! !!!!!!!! !! !!!  !*  !! !*! !  !!!!!  ! * **  *  * !

logo
NTDB id 1102539 ACM641 RS07695 WP 418302426.1  LERVMIQLNEWGFGPQLGMKIYQTYRTEAIELLTENPYRLIEDVEGVGFFRADELGAKLGITGKHPDRVKAAILHILNTA  239
NTDB id 355 BSU 27480 NP 390625.1              LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                      !! *!! !! *!!!!!! !!!!! ! *! *! * !!!! !* !!!!*!! *!!!!! **!**! !!*!!!!!!!* ! !

logo
NTDB id 1102539 ACM641 RS07695 WP 418302426.1  ALSDGHVYLDAEHVLPLVKEMLEQSQRQEIP..FEDISKACIELREDGKISGEETRLYLPSLYFSEVGIASKILTLVERN  317
NTDB id 355 BSU 27480 NP 390625.1              CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                      *!!*!! !** !****    *! !! !   ***  !   !*! ! !   !  !* !*! !!!** !  *! ** **

logo
NTDB id 1102539 ACM641 RS07695 WP 418302426.1  NKAEHFSKDEIRKAIGETEELLHVTYAETQANAIEQALNSAVMILTGGPGTGKTTVVRGVVEVYAKLHGLSLNPKEYAQK  397
NTDB id 355 BSU 27480 NP 390625.1              EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                         *!*   !    !*!! !! **! !!**!  !!   !! !****!!!!!!!!!!!!*!!*!!*!* !!!*!! !   ! *!

logo
NTDB id 1102539 ACM641 RS07695 WP 418302426.1  EEPFPIILCAPTGRAAKRLAESTELPAMTIHRLLGFTGQEKEEET.EREVTGKLIIVDEMSMVDTWLAHQLLKALHEDVQ  476
NTDB id 355 BSU 27480 NP 390625.1              DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                      *!*!!!*!*!!!!!!!!!* !!! !!!*!!!!!!!* ! !   *!** ** !!!*!*!! !!*! !!!**! !!* ***!

logo
NTDB id 1102539 ACM641 RS07695 WP 418302426.1  VVFVGDQDQLPPVGPGQVLKDLLASKQLPTVELTDVYRQAEGSTIIELAHQIKKGTIPKDLTSKTTDRSFIKSSVDQVGN  556
NTDB id 355 BSU 27480 NP 390625.1              IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                      ** !!! !!!!*!!!!!!!*!!!!!  *!!! !!!*!!!!!!!*!*!!!!!*! ! *!  !! *! !!!!!**   !*
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logo

NTDB id 1102539 ACM641 RS07695 WP 418302426.1  VVTQVVKSAVAKGQEIRNIQVLAPMYKGPAGIDNLNKMIQELINPNDTGTRKELVFGDVTYRIKDKVLQLVNQPESNVFN   636
NTDB id 355 BSU 27480 NP 390625.1              VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFN   638
consensus                                      !!  !!  !* !!  * !!!!!!!!*!*!!!  !! !*!***!!*  * !*!! !!!! !!  !!*!!!!!!!! !!!!

logo

NTDB id 1102539 ACM641 RS07695 WP 418302426.1  GDMGEVISIIKAKETVEKQDLLIVSFDGIEVTYQRSDLNQLTLAYCCSIHKSQGSEFQTVIMPVVKGYSKMLRRNLLYTG   716
NTDB id 355 BSU 27480 NP 390625.1              GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA   718
consensus                                      !!*!!* !!  !!!  !! !* *!!!!! !*!* * ! !! !*!!!!!!!!!!!!!!* !**!!!!!! *!!!!!!!!!*

logo

NTDB id 1102539 ACM641 RS07695 WP 418302426.1  ITRAKNFLILCGEPDVLADGLQRTDDLQRFTSLRARLNPMDVNEVIDEVEAVPVEHEGVQETAIEDQKLTAETAPYIHPM   796
NTDB id 355 BSU 27480 NP 390625.1              ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQ.VEEMDAELEALQK................ELPFSVHDAN   781
consensus                                      !!!!! !!!!!!!** !  !*   !   ! !!!* !! * *! !*  !*!!** ***************  * * ***

logo

NTDB id 1102539 ACM641 RS07695 WP 418302426.1  IGMDDVSPYDFLEK...   810
NTDB id 355 BSU 27480 NP 390625.1              IGMEGITPFDFMKEEQQ   798
consensus                                      !!!* **!*!!*  ***
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X non conserved

X similar

X ≥ 50% conserved