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logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  MAENLNLF.DINKLFILGRPIVTIFHNATNMYSIVRVKIQETNIQHDEKEIIIVGYFPQLVTDELYRFTGQLKSHPKYGM   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !  **   *    *** ! *   !*!! !!*!****!!* !!   ***! * * !!!! !  *! ! ! * *!!!*!*

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  QFQIDTFEKEVPTTEQGIVHYLSSDLFTGVGRKTAETIVEKLGMDALTKILEDPSALDAVPRLSAEKKLHIRQTIEENLG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!! **! !!*!!!  !!**!!!!!!! !*!*!!!! !! !!!  !* !!! !*! !  !!!!!  !  **   *  * !

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  LERVMVRLNDWGFGPQLGMKIYQAYREETIPLLTENPYRLIEEVEGVGFIRADELGSKLGITGNHPDRIKAAIFHVLTNA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !! *!* !! *!!!!!! !!!!!!!  !!** * !!!! !* *!!!*!! *!!!!!!**!**!!!!*!*!!!! * !

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  ALSEGHVYLDAEMVLPMVKDILEQSQRIEIPYE..AISKAAIEMREDSKICGEETRMYLPSLYFSEVGIASKINELKEKN  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    *!!!!! !** ! ***    *! !! !   *  **    ! ! * !   !* !* !*! !!!** !  *! ** **

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  KMAESFSKDEIRKAIGDIEEQYDVTYAPTQAQAIETAINSAVMILTGGPGTGKTTVVRGLVEVYAELHGLSLNPKTYAEK  397
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                          !*  !   !*!**!!  !! !!!*!  !!  !* !****!!!!!!!!!!!!*!!*!!*!*!!!!*!! !  ! *!

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  EEPFPIVLAAPTGRAAKRLAESTGLPAMTIHRLLGFNGQEKDEET.EREVVGRLIIIDEMSMVDTWLAHQLLKALHEDVQ  476
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                    *!*!!!!!!!!!!!!!!!!* !!!!!!!*!!!!!!!*!! !   *!** ** !*!*!!!! !!*! !!!**! !!* ***!

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  VVFVGDQDQLPPVGPGQVLKDLLASKQIPTVELTDIYRQAEGSTIIEMAHQIKKGKVPDTLTAKTTDRSFIQAGAGQVTS  556
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    ** !!! !!!!*!!!!!!!*!!!!!  !!!! !!!!!!!!!!!*!*!*!!!*! ! *!  !!!*! !!!!! *!* !*
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logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  VVTQIVKGALAKGQAIRDIQVLAPMYKGPAGIDNLNKEIQQLVNPNDGSRKELVFGDTIYRIGDKVLQLVNQPDNNVFNG   636
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                    !!  *!  !! !!   *!!!!!!!!!*!*!!!  !!  *! **!!*   !*!! !!! *!! !!!*!!!!!!!*!!!!!!

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  DMGEVISIIRAKETVEKQDLLIVSYDGIEVTYQRADLNQITLAYCCSIHKSQGSEFQTVIMPIVRGYSKMLRRNLLYTGI   716
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                    !*!!* !!  !!!  !! !* *!!*!! !*!* * ! !! !*!!!!!!!!!!!!!!* !**!*!*!! *!!!!!!!!!*!

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  TRAKNFLILCGEPDVLANGLAKTDDLTRLTTLKARLNPEFITAEKMKELPETEEKQVAVKEEKQNPSTEQLGLLNVSDSH   796
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAE...LEA.........................   768
consensus                                    !!!! !!!!!!!** !  !*   !   ! !*!! !! *     *  ****! ****************************

logo
NTDB id 967312 MKY27 RS11165 WP 339172136.1  KIGESLPNHLTAETAPYIHPLIGMANISPYDFNEE...   831
NTDB id 355 BSU 27480 NP 390625.1            .LQKELP.......FSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                    **   !!******* * *** !!!  !*!*!!  !***
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X non conserved

X similar

X $\geq$ 50% conserved