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logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  MAENLNL.FDVNKLFILGRPIVTIFHNATNMYSIVRVKIQETNIQYDEKEIIIVGYFPQLVNDEQYRFTGQLKSHPKYGM   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !  **  *     *** ! *   !*!! !!*!****!!* !!    **! * * !!!! !  *! ! ! * *!!!*!*

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  QFQIDTFEKEVPTTEQGIVHYLSSDLFSGVGRKTAETIVEKLGMDALTKILEDPSALDAVPRLSAEKKLHIRQTIEENLG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!! **! !!*!!!  !!**!!!!!!! !*!*!!!! !! !!!  !* !!! !*! !  !!!!!  !  **   *  * !

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  LERVMVRLNDWGFGPQLGMKIYQAYREETIQLLTENPYRLIEEVEGVGFIRADELGAKLGITGNHPDRIKAAIFHVLTNA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !! *!* !! *!!!!!! !!!!!!!  !!*  * !!!! !* *!!!*!! *!!!!! **!**!!!!*!*!!!! * !

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  ALSEGHVYLDAEMVLPMVKDMLEQSQRIEIPYE..AISKAAIDMREESKICGEETRMYLPSLYFSEVGIASKINELKEKN  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    *!!!!! !** ! ***    *! !! !   *  **    ! ! * !   !* !* !*! !!!** !  *! ** **

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  KTAESFTKDEIRKAIGDIEEQYDVTYAPTQAQAIETAINSAVMILTGGPGTGKTTVVRGLVEVYAELHGLSLNPKTYAEK  397
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                          !*  !   !*!**!!  !! !!!*!  !!  !* !****!!!!!!!!!!!!*!!*!!*!*!!!!*!! !  ! *!

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  EEPFPIVLAAPTGRAAKRLAESTGLPAMTIHRLLGFNGQEKDEET.EREVVGRLIIIDEMSMVDTWLAHQLLKALHEDVQ  476
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                    *!*!!!!!!!!!!!!!!!!* !!!!!!!*!!!!!!!*!! !   *!** ** !*!*!!!! !!*! !!!**! !!* ***!

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  VVFVGDQDQLPPVGPGQVLKDLLASKQIPTVELTDIYRQAEGSTIIEMAHQIKKGKVPDTLTAKTTDRSFIQAGAAQVTS  556
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    ** !!! !!!!*!!!!!!!*!!!!!  !!!! !!!!!!!!!!!*!*!*!!!*! ! *!  !!!*! !!!!! *!* !*
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logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  VVTQIVKGALAKGQAIRDIQVLAPMYKGPAGIDNLNKEIQQLVNPNDGTRKELVFGDTIYRIGDKVLQLVNQPDNNVFNG  636
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG  639
consensus                                    !!  *!  !! !!   *!!!!!!!!!*!*!!!  !!  *! **!!*   !*!! !!! *!! !!!*!!!!!!!*!!!!!!

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  DMGEVISIIRAKETVEKQDLLIVSYDGIEVTYQRADLNQITLAYCCSIHKSQGSEFQTVIMPIVRGYSKMLRRNLLYTGI  716
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI  719
consensus                                    !*!!* !!  !!!  !! !* *!!*!! !*!* * ! !! !*!!!!!!!!!!!!!!!* !**!*!*!! *!!!!!!!!!*!

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  TRAKNFLILCGEPDVLASGLAKTDDLTRLTTLKARLNSEFVAEEKMEATPELEEKKASVSEVKQIPSSEQLGLLNVSASH  796
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEE...MDAELEALQ.......................  770
consensus                                    !!!! !!!!!!!** !  !*   !   ! !*!! !!      ***!*! *!   **************************

logo
NTDB id 966406 MKY07 RS12715 WP 061550155.1  KIGESLPNHLTAETAPYIHPLIGMANISPYDFNEE...  831
NTDB id 355 BSU 27480 NP 390625.1            ...KELP.......FSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    ***  !!******* * *** !!!  !*!*!!  !***
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X non conserved

X similar

X $\geq$ 50% conserved