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logo

NTDB id 964522 NSQ43 RS12575 WP 339250703.1  ......MAGKTEAMFIVGRPVVTIFHNPDNLFSIVKLKITKTNSGYADREIVIKGNFPPLANEEDYRLTGVLVNHPTYGQ   74
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    ******     ! *** ! *   !*!!* !!****!*!*! !  *  !* * * ! !!*!  !! !   ! *! !! *!

logo

NTDB id 964522 NSQ43 RS12575 WP 339250703.1  QFDVHTFSKEMPETETGIVHYLSSDLFPGIGRKTADTIVKILGMDAIQQILENPSVLDRIPKLSEERKETLVTVLQENLG  154
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!  **! !!*! !  !!**!!!!!!!*!!!*!!!* !!! !!  !!* !!  *!!!  *!*!!  * *!!   !! * !

logo

NTDB id 964522 NSQ43 RS12575 WP 339250703.1  LERSMVQLNEWGFGPQLSMRIFQTYREEAIELLKENPFRLIEDVEGIGFQRADELGKQLGITGSHPSRVKAAILHSINQG  234
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!  !* !! *!!!!!!!!*!*! !  ! *! * !!!* !* !!!!!!! *!!!!!  *!**! !! !!!!!!!***

logo

NTDB id 964522 NSQ43 RS12575 WP 339250703.1  VQSAGHVYLEAEMILPEVKRLLESSQKEEVTFQ..QITQMIIELVEEGKLCGEGKRLYVPSLYFSEIGIASKMERIME.N  311
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    * ! !! !*! ! ****   !!  ! *!     **   * !! ! !   ** !  !*! !!!** !  *! ** *!  *

logo

NTDB id 964522 NSQ43 RS12575 WP 339250703.1  DHADKFPVSEIRKAIGEAEERLGVSYAETQVAAIQEAIHSPAMILTGGPGTGKTTVIRGLVEVYAELHGLSLDPKVYAKK  391
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                    **   !! !!   !*!! !!!* ! !!**!  !!! !**!! **!!!!!!!!!!!!!!!!*!!*!*!!!!*!!!!  ! *!

logo

NTDB id 964522 NSQ43 RS12575 WP 339250703.1  EESFPIVLAAPTGRAAKRMSESTGLPAMTIHRLLGFTGQEKDD.AIGKEVEGRLIIIDEMSMVDTWLAHQLLKALQNDIQ  470
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                    *! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!* ! !   *    **!!*!*!!!! !!*! !!!**! !!** *!!

logo

NTDB id 964522 NSQ43 RS12575 WP 339250703.1  ILFVGDQDQLPPVGPGQVLKDMLHSGKIPVVELTEIYRQSAGSTIIEMAHMIKNGDWTDDITRKTGDRSFIKAYGDQILE  550
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    !* !!! !!!!*!!!!!!!*!*!*!  !! ! !!*!!!!  !!*!*!*!! *!!!  *  *! *! !!!!!** ! !! !
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logo
NTDB id 964522 NSQ43 RS12575 WP 339250703.1  VVEQVIKNAISKGHHIKNIQVLAPMYKGPAGIDGLNKMIQQMVNPPGPDRKEVVFGETVYRIGDKVLQLVNQPESNVFNG  630
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG  639
consensus                                    !!! !* !!* !!** ! !!!!!!!!*!*!!!  !! !*! **!!! * !*!* !!* !!! !!!*!!!!!!!! !!!!!

logo
NTDB id 964522 NSQ43 RS12575 WP 339250703.1  DMGEVISIIKASETVDKKEMLIVSYDGIEVEYERNDLNQITLAYCCSIHKSQGSEFPIVVMPVVRGYRKMLRKNLLYTGI  710
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI  719
consensus                                    !*!!* !!  ! !  *! *! *!!*!! !* * * ! !! !*!!!!!!!!!!!!!!!!!!*!!!*!! *!!!*!!!!!*!

logo
NTDB id 964522 NSQ43 RS12575 WP 339250703.1  TRAKNFLILCGEPEEFIIGINRTDELERQTTLKERLRKESILENENIIETNEQATHVETQDKPDFDVVVNKKEYRLTREI  790
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAE...................LEAL..QK.....ELP  774
consensus                                    !!!! !!!!!!!*!    !*   !   !!!*!! !!          ****************** * *** !*****  *

logo
NTDB id 964522 NSQ43 RS12575 WP 339250703.1  ILGIDPMIGMRGITPYDFSEAID.  813
NTDB id 355 BSU 27480 NP 390625.1            FSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                       *!* !!! !!!!*!!     *
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X non conserved

X similar

X $\geq$ 50% conserved