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logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  ....MENPTLLDSTYVKGEVVLILFQNTDNFYTVLKVEVDDTNGDFEDEA.TVVGYFPDIVENETYLFKGYVVQHARYGQ   75
NTDB id 355 BSU 27480 NP 390625.1             MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                     ******** ! * *!*!! !  ****!  ! !!!!!! ! *!    !! !**! !!!! * ! !!! ! ! *! !***!

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  QLKAETFQKELPQTKDAVIAYLSSSLFKGIGVKTAESIVETLGEDAIRQILNDASCLSRVPRLSKDKQKQIAQQVYQNQE  155
NTDB id 355 BSU 27480 NP 390625.1             QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                     !  !!*! !!*! !!***! !!!! !! !!! !!!! !!  !!* !!  !! !!!*!  !!!!!! !   *!  *  *!

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  SEQIMIRLNELGFGSKLAMDIYKFYQADTLKILDQNPYQLVYDIKGVGFQKADQLAQQLGIHPLHQDRLRAGILYVVEET  235
NTDB id 355 BSU 27480 NP 390625.1             LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                      !!!!! !!  !!!* ! ! !!   !  *!!  *  !!!!!! !* !*!! !!! !*  *!*** !**!**!*!!! *! !

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  CLKNGHTYLPADALIHAAIELLTKNQTDT..IDEAPMQECMTQLVEEQKLIAVDDIVAIPSLYYSELKSTQNLFKIENHK  313
NTDB id 355 BSU 27480 NP 390625.1             CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                     !!  !!!!** * !!*    !!      * **! ! *   **  ! !   **  !  *  !!!*! !      * *!  *

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  QALTKFDLSDIQLHIGEIEEMNEVSYATSQKDALECALQNKVMLLTGGPGTGKTTVIKGIVQLYAEMHGFSLDYDDYDEG  393
NTDB id 355 BSU 27480 NP 390625.1             EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                          !* !*  !**!!*!!  *! !!*!!!*!* *!!  ***!!!!!!!!!!!!!!*!!! !!*!*!! !!!*  !

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  EAFPVVLAAPTGRASKRLHESTGLEAMTIHRLIGWNQETKPDDLLEHEIDARLIIIDEMSMVDTWLFHQFLNAVPKDAQV  473
NTDB id 355 BSU 27480 NP 390625.1             EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                     !!!!*!!!!!!!!!! !!**!!!!!*!*!!!!!*!!!    * *  ***!***!*!!!! !!*! !! **   !*! * !*

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  VLVGDEDQLPSVGPGQVFKDLIDADVLPRINLTEVYRQQDGSSIIDLAHRIKLGQD.VDITKRYHDRSFIACQTHQIPEI  552
NTDB id 355 BSU 27480 NP 390625.1             IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                     **!!!!!!!!!!!!!!! *!!*   !*! * !!**!!! *!!!!**!!! *! !  *  *! * *!!!!! !  *!!*!*
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logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  VDKIVSNAVGKGYTMSDIQVLAPMYRGSAGIQKLNQVLQNILNPKEDEAHREVAFGDVKFRKGDKVLQLVNRPDDNVFNG   632
NTDB id 355 BSU 27480 NP 390625.1             VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                     !*!*! !!* !!!!  !!!!!!!!!!! !!!* !! *!! !!!!* ** *!!* !!!! *! !!!*!!!!! !* !!!!!

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  DIGEIIGIFWAKENAMNKDVVIVDFEGNEITYMRSDLTELTHAYCTSIHKSQGSEFPIVIMPIVKQYYRMLQKPILYTGL   712
NTDB id 355 BSU 27480 NP 390625.1             DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                     !!!!!  !!*!!!!    !* *! !*!!!*!* * !    !!!!!*!!!!!!!!!!!!!**!*!! !!!!! ***!!!**

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  TRAKQSLVFLGDAEVFNMGLHTEGQTR.LTQLQTFLTMYFKGDSEEETKEANATTFVLTESNMYQVNPMINMGETTPYDF   791
NTDB id 355 BSU 27480 NP 390625.1             TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMD....AELEA...LQKELPFSVHDANIGMEGITPFDF   792
consensus                                     !!!!  !* *!* !    !**    ! * ! !   !**      **** !  !****  ! *   * * ! !   !!*!!

logo
NTDB id 1147742 CKV93 RS05075 WP 095116668.1  LEIDKGS   798
NTDB id 355 BSU 27480 NP 390625.1             MKEEQQ.   798
consensus                                     *  *  *
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X non conserved

X similar

X $\geq$ 50% conserved