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logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  MSQQDSLDLFSEEKMFMKGSHLVTIFHNEENMYSVVRIRVHETNLNYEEKEAVVTGYFPRMHEDEIYIFYGAMKEHPRFGLQFHV   85
NTDB id 355 BSU 27480 NP 390625.1           .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQA   84
consensus                                   * !!** !  !! ***!!**  !*!!* !*!*!****!*!!  !*!  !!!!!! **!*! ! !!! *  !!*!!!!!*

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  EHFRKDLPQSKEGIVSYLSGDLFKGIGKKTAESIVDTLGEKAISKILAQPSLLDDIPKLSGEKAKGLYDTLVEHQGLEQVMIALN  170
NTDB id 355 BSU 27480 NP 390625.1           EHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLN  169
consensus                                   !!!*!**! *!!!!* !!! !!! !!!!!!!! !!  !!* !! !!!! *!*! !*!*!!  !!  !  !  !!!!!!*!! !!

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  QYGFGPQLSMKIYQLYKQDTITMVQGNPYKLVEDIEGIGFGRADELGHQLGISGSHPDRIKAACLYTLESQCLQDGNIYIEAEQL  255
NTDB id 355 BSU 27480 NP 390625.1           QFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQL  254
consensus                                   !*!!!!!!!!!!!! !  *!*  *! !!! !! !*!!!!!!*!!!!!* *!*!! !!*!*!!!*!!!!!* !! *!* !!! !!!

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  LEAVKRLLEENKRDRIE..FTNISSEIIELTEERKIVVEDQRIYPPSLYYSEKGIVTNIKRLLAQTEYEDQFPESEFLLALGKLE  338
NTDB id 355 BSU 27480 NP 390625.1           IIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELE  339
consensus                                   *     !!    !*   **       !! ! ! * !!*!! !*!*!!!*! !  *   *!**  !!!!! !!!!!!!!!!!! !!

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  ERLNVSYASAQKEAIQTALQSPMLILTGGPGTGKTTVIKGIVELYAELHGVSMDINDYKKEGSDPFPFVLAAPTGRAAKRMAEST  423
NTDB id 355 BSU 27480 NP 390625.1           ERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD..EAFPIVLAAPTGRAAKRMSEST  422
consensus                                   !!* ! !!* !!!!!! !! !!!!*!!!!!!!!!!!!!*!!!!!!*!!!!!!*!* !!!*****!! !!!!!!!!!!!!! !!!

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  GLPAVTIHRLLGWNGSEGFSHDEDNQLDGRIVIIDEVSMVDTWLANQLFKALPENVQVILVGDEDQLPSVGPGQVLKDLLASNCV  508
NTDB id 355 BSU 27480 NP 390625.1           GLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVI  507
consensus                                   !!!!!!!!!!!!!!! !!!*! !!****!***!!!! !!*! !!!!*!!!!*!***!*!*!!!!!!!!!!!!!!!!*!!!!!***

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  PTVSLEHIYRQADGSSIIELAHGIKKGKLPDDVTKQQEDRSFIRCQTGQIAQVIEKVVANARTKGFTARDIQVLAPMYRGPAGID  593
NTDB id 355 BSU 27480 NP 390625.1           PTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGIN  592
consensus                                   !!!  ! *!!!!!*!!!!*!!!! *! ! !!  *! *  !!!!!!!   !!  !*!!!!!!!  !!*!!*!!!!!!!!!!!!*!!!
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logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  ALNKMLQEVFNSNADEKRREIKFGDVIYRTGDKVLQLVNQPEEGVFNGDMGEIVSILFAKENTDHVDKVIISFEGIEVTYTKQDL   678
NTDB id 355 BSU 27480 NP 390625.1           ELNVMLQDILNPP.KEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDF   676
consensus                                    !! !!!** !*** !!!!!*!!!!!*!!!!!!*!!!!!!!!  !!!!!*!!! !! *!!!!!** !  **!!*! !*!*!! !

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  NQITHAYCCSIHKSQGSEFPIVILPVVRSYYRMLRRNLLYTAITRSKNFLILCGEEDAFRLGIERNDEMRRKTTLREKLREILSE   763
NTDB id 355 BSU 27480 NP 390625.1           NQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEE   761
consensus                                   !! !!!!!!!!!!!!!!!!!!!*!!!!* !!!!!!!!!!!!!!!! ! !!!!!!!!*!   !*  !!   ! !*!* *!   * !

logo
NTDB id 141386 UP17 RS17050 WP 061464162.1  EDIPVEKGEVQEREASYLEIFTNADPMIGMEDVTPYDFM.....   802
NTDB id 355 BSU 27480 NP 390625.1           MDAELEA.......LQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                    ! **! *******     *!* *!* !!!! *!!*!!!*****
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X non conserved

X similar

X $\geq$50% conserved