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logo
NTDB id 981518 NSS81 RS04860 WP 342432413.1  MVKQDSLDLFEEQGKFVRGRHLVTIFHNEQNLYTVLRIRVEETNDQYEDKEAVITGYFPKIHEQETYTFFGEFKDHPKFG   80
NTDB id 355 BSU 27480 NP 390625.1            .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFG   79
consensus                                    ** !**  !  !  ****! *   !*!!* !!!!!!***! !! *  !!!   *!!!!! **! !!!!!*!    !!!!!

logo
NTDB id 981518 NSS81 RS04860 WP 342432413.1  MQFQVQHFRKEIPQTKQGVITYLSSEMFKGIGKKTAESIVETLGENAISKILAQPSLLDSIPRLPPEKAKMLYDTLMDHQ  160
NTDB id 355 BSU 27480 NP 390625.1            LQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQ  159
consensus                                    *!!!  !!*!!!! !! !*! !!!!**! !!!!!!!! !!  !!* !! !!!! *!*!  *!!!** !!  !   !  !!

logo
NTDB id 981518 NSS81 RS04860 WP 342432413.1  GLEQVMVALNQYGFGPQISMRIYQAYKDNTLEIIQKNPYKLVEDIEGIGFGRADELGYQLGISGSHPDRIKAACLYTLES  240
NTDB id 355 BSU 27480 NP 390625.1            GLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLET  239
consensus                                    !!!!*!* !!!*!!!!!*!!*!!!!!   !!! !! !!! !! !*!!!!!!*!!!!!  *!*!! !!*!*!!!*!!!!!*

logo
NTDB id 981518 NSS81 RS04860 WP 342432413.1  ESMQTGHVFIQAEDLLVQVKELLEGNKRDQ..IEFLEISNELIKLQEEGKVIGEEQRVYLPSLYFAEKGLVTSINRILEQ  318
NTDB id 355 BSU 27480 NP 390625.1            TCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                     **  !! *!  ! !**   !!    !* **!  **  ! *! ! !   ** !* !*! !!!**!!  *   * *!  !

logo
NTDB id 981518 NSS81 RS04860 WP 342432413.1  KEYKEQFPESEFLLALGSLEERINVQYAPTQKEAIQTALMSPMLILTGGPGTGKTTVIKGIVELYAELHGCSLELKDYQK  398
NTDB id 355 BSU 27480 NP 390625.1            TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.  398
consensus                                     !!  !!!!!!!!!!!! !!!!* !!!!!*!!!!!! !! !!!!*!!!!!!!!!!!!!*!!!!!!*!!!!*!!**  ! *

logo
NTDB id 981518 NSS81 RS04860 WP 342432413.1  KDEPFPFLLAAPTGRAAKRMSESTGLPAVTIHRLLGFNGTEEFDHSEASPLEGKIIIVDETSMLDIWLANQLFRALPENI  478
NTDB id 355 BSU 27480 NP 390625.1            KDEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHI  478
consensus                                    !!!*!! *!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!! !  !  !*!  !*!!!**!*!! !!!!!!!!!*!!*!*!**!

logo
NTDB id 981518 NSS81 RS04860 WP 342432413.1  QVILVGDEDQLPSVGPGQVLKDLLMSERVPTVRLTDIYRQAEGSSIIELAHEIKKGLLPADITEKQKDRSFIRCSGAQIP  558
NTDB id 355 BSU 27480 NP 390625.1            QIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIK  558
consensus                                    !*!*!!!!!!!!!!!!!!!!!*!!! !  *!!!!!!!!!!!!!!!!!!*!!!! *! !!!!  *! * !!!!!!!! ! !!*
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logo

NTDB id 981518 NSS81 RS04860 WP 342432413.1  QVVEKVALNAKTKGYTAKDIQVLAPMYRGPAGIDRLNVILQEIFNPNPDGTRKEIAFGDVKYRIGDKVLQLVNQPESNVF   638
NTDB id 355 BSU 27480 NP 390625.1            EVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPP.KEKRRELKFGDVVYRTGDKILQLVNQPENNVF   637
consensus                                     !!!!!  !!  !!!!!!!!!!!!!!!!!*!!!  !!!*!!*! !!**   !*!* !!!! !! !!!*!!!!!!!! !!!

logo

NTDB id 981518 NSS81 RS04860 WP 342432413.1  NGDIGEIVSIFYAKENTEKQDMVLISFEGNEVTYSKQDLNQITHAYCCSVHKSQGSEFPIVILPLTRSYYRMLRRNLIYT   718
NTDB id 355 BSU 27480 NP 390625.1            NGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYT   717
consensus                                    !!!!!!! !!!!!!!!!!! !! **!!*!!!*!**! ! !! !!!!!!!*!!!!!!!!!!!*!!* * !!!!!!!!!!*!!

logo

NTDB id 981518 NSS81 RS04860 WP 342432413.1  AITRSKQSLILCGEVDAFRMGVERADEQSRLTTLRQKLQETISLTQPNDDKEDIAIGTLSAEERLMQVNPMIGMENLTPY   798
NTDB id 355 BSU 27480 NP 390625.1            AITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEE.......MDAELEALQKELPFSVHDANIGMEGITPF   790
consensus                                    !!!! !  !!!!!! *!   !!   !   ! !*!***!   *  ******* !  *  !  ! *   * * !!!! *!!*

logo

NTDB id 981518 NSS81 RS04860 WP 342432413.1  DFMANG..   804
NTDB id 355 BSU 27480 NP 390625.1            DFMKEEQQ   798
consensus                                    !!!   **
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X non conserved

X similar

X $\geq$ 50% conserved