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logo
NTDB id 987023 NYE63 RS19665 WP 342602370.1  MSQQDSLDLFSEEKMFMKGSHLVTIFHNEENMYSVVRIRVHETNLNYEEKEAVVTGYFPRMHEDEIYIFYGAMKEHPRFG   80
NTDB id 355 BSU 27480 NP 390625.1            .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFG   79
consensus                                    * !!**  !  !! ***!!**   !*!!* !*!*!****!*!!    !*!   !!!!!! **!*! ! !!! *  !!*!!

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  LQYHVEHFRKDLPQSKEGIVSYLSGDLFKGIGKKTAESIVETLGEKAISKILAQPSLLDDIPKLSGEKAKGLYDTLVEHQ  160
NTDB id 355 BSU 27480 NP 390625.1            LQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQ  159
consensus                                    !!** !!!*!**! *!!!!* !!! !!! !!!!!!!! !!  !!* !! !!!! *!*! !*!*!!  !!  !   !  !!

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  GLEQVMIALNQYGFGPQLSMKIYQMYKQDTITMVQGNPYKLVEDIEGIGFGRADELGHHLGISGSHPDRIKAACLYTLES  240
NTDB id 355 BSU 27480 NP 390625.1            GLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLET  239
consensus                                    !!!!*!! !!!*!!!!!!!!!!!! !  *!*  *! !!! !! !*!!!!!!*!!!!!***!*!! !!*!*!!!*!!!!!*

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  QCLQDGNIYIEAEQLLEAVKRLLEENKRDRIEF..TNISSEIIELTQEGKIVVEDQRIYPPSLFYSEKGIVMNIKRLLAQ  318
NTDB id 355 BSU 27480 NP 390625.1            TCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                     !! *!* !!! !!!*     !!    !*    **      !! !     !!*!! !*!*!!!!! !  *   *!**  !

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  TEYEDQFPESEFLLALGELEERLDVSYAPAQKEAIQTALQSPMLILTGGPGTGKTTVIKGIVELYAELHGVSMDINDYKK  398
NTDB id 355 BSU 27480 NP 390625.1            TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK  399
consensus                                    !!!! !!!!!!!!!!!!!!!!*!! !!! !!!!!! !! !!!!*!!!!!!!!!!!!!!*!!!!!!*!!!!!!*!*  !!!

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  EGSDPFPFVLAAPTGRAAKRMAESTGLPAVTIHRLLGWNGSEGFSHDEDNQLDGRIVIIDEVSMVDTWLAHQLFKALPEN  478
NTDB id 355 BSU 27480 NP 390625.1            D..EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDH  477
consensus                                    *****!! !!!!!!!!!!!!! !!!!!!!!!!!!!!!!! !!!*! !!****!***!!!! !!*! !!!**!!!!*!**

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  VQVILVGDEDQLPSVGPGQVLKDLLASNCVPTVSLEHIYRQADGSSIIELAHEIKKGRLPDDVTKQQEDRSFIRCQTGQI  558
NTDB id 355 BSU 27480 NP 390625.1            IQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQI  557
consensus                                    *!*!*!!!!!!!!!!!!!!!!!*!!!!***!!! ! *!!!!!*!!!!*!!!! *! ! !!  *! *  !!!!!!!   !!
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logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  PQVIEKVVANARTKGFTAKDIQVLAPMYRGPAGIDALNKMLQEVFNSNANEKRREIKFGDVIYRTGDKVLQLVNQPEEGV  638
NTDB id 355 BSU 27480 NP 390625.1            KEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPP.KEKRRELKFGDVVYRTGDKILQLVNQPENNV  636
consensus                                    * !*!!!!!!!  !!*!!!!!!!!!!!!!!!*!!!  !! !!!** !*** !!!!!*!!!!!*!!!!!!*!!!!!!!!  !

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  FNGDMGEIVSILFAKENTDHVDKVIISFEGIEVTYTKQDLNQITHAYCCSIHKSQGSEFPIVILPVVKSYYRMLRRNLLY  718
NTDB id 355 BSU 27480 NP 390625.1            FNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLY  716
consensus                                    !!!!*!!! !! *!!!!!** !  **!!*! !*!*!! ! !! !!!!!!!!!!!!!!!!!!!!*!!!!! !!!!!!!!!!!

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  TAITRSKNFLILCGEEDAFRLGIERNDEMRRKTTLREKLREILSEEEMPVEKEKAHQQSSYLDILMHADPMIGMENVTPY  798
NTDB id 355 BSU 27480 NP 390625.1            TAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAEL..EALQKEL....PFSVHDANIGMEGITPF  790
consensus                                    !!!!! ! !!!!!!!!*!   !*  !!   ! !*!* *!   * ! * ****!  *   *****  **!* !!!! *!!*

logo

NTDB id 987023 NYE63 RS19665 WP 342602370.1  DFM.....   801
NTDB id 355 BSU 27480 NP 390625.1            DFMKEEQQ   798
consensus                                    !!!*****
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X non conserved

X similar

X $\geq$ 50% conserved