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logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  MSQQDSLDLFSEEKKFMKGSHLVTIFHNEENMYSVVRIRVHETNLDYEEKEAVVTGYFPRMHEDEIYIFYGAMKEHPRFG   80
NTDB id 355 BSU 27480 NP 390625.1              .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFG   79
consensus                                      * !!** !  !! ***!!**  !*!!* !*!*!****!*!!   !*!  !!!!!! **!*! ! !!! *  !!*!!

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  LQFHVEHFRKDLPQSKEGIVSYLSGDLFKGIGKKTAESIVETLGDKAISKILAQPSLLDDIPKLSGEKAKGLYDTLVEHQ  160
NTDB id 355 BSU 27480 NP 390625.1              LQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQ  159
consensus                                      !!!* !!!*!**! *!!!!* !!! !!! !!!!!!!! !!  !!! !! !!!! *!*! !*!*!!  !!  !  !  !!

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  GLEQVMIALNQYGFGPQLSMKIYQMYKQDTITMVQGNPYKLVEDIEGIGFGRADELGHQLGISGSHPDRIKAACLYTLES  240
NTDB id 355 BSU 27480 NP 390625.1              GLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLET  239
consensus                                      !!!!*!! !!!*!!!!!!!!!!!! !  *!*  *! !!! !! !*!!!!!!*!!!!!* *!*!! !!*!*!!!*!!!!!*

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  QCLQDGNIYIEAEQLLEAVKRLLEENKRDRIEF..TNISSEIIELTQEGKIVVEDQRIYPPSLFYSEKGIVMNIKRLLAQ  318
NTDB id 355 BSU 27480 NP 390625.1              TCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                       !! *!* !!! !!!*     !!    !*    **      !! !     !!*!! !*!*!!!!! !  *   *!**  !

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  TEYEDQFPESEFLLALGELEERLDVSYAPAQKEAIQTALQSPMLILTGGPGTGKTTVIKGIVELYAELHGVSMDINDYKK  398
NTDB id 355 BSU 27480 NP 390625.1              TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK  399
consensus                                      !!!! !!!!!!!!!!!!!!!!*!! !!! !!!!!! !! !!!!*!!!!!!!!!!!!!!*!!!!!!*!!!!!!*!*  !!!

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  EGSDPFPFVLAAPTGRAAKRMAESTGLPAVTIHRLLGWNGSEGFSHDEDNQLDGRIVIIDEVSMVDTWLAHQLFKALPEN  478
NTDB id 355 BSU 27480 NP 390625.1              D..EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDH  477
consensus                                      *****!! !!!!!!!!!!!!! !!!!!!!!!!!!!!!!!! !!!*! !!****!***!!!! !!*! !!!**!!!!*!**

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  VQVILVGDEDQLPSVGPGQVLRDLLASNCVPTVSLEHIYRQADGSSIIELAHEIKKGRLPDDVTKQQEDRSFIRCQTNQI  558
NTDB id 355 BSU 27480 NP 390625.1              IQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQI  557
consensus                                      *!*!*!!!!!!!!!!!!!!!!!!*!!!!!***!!! ! *!!!!!*!!!!*!!!! *! ! !!  *! *  !!!!!!!   !!
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logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  PQVIEKVVANARTKGFTAKDIQVLAPMYRGPAGIDALNKMLQEVFNSNANEKRREIKFGDVIYRTGDKVLQLVNQPEEGV   638
NTDB id 355 BSU 27480 NP 390625.1              KEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPP.KEKRRELKFGDVVYRTGDKILQLVNQPENNV   636
consensus                                      * !*!!!!!!!  !!*!!!!!!!!!!!!!!*!!!  !! !!!** !*** !!!!!*!!!!!*!!!!!!*!!!!!!!!  !

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  FNGDMGEIVSILFAKENTDSVDKVIISFEGIEVTYTKQDLNQITHAYCCSIHKSQGSEFPIVILPVVKSYYRMLRRNLLY   718
NTDB id 355 BSU 27480 NP 390625.1              FNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLY   716
consensus                                      !!!!*!!! !! *!!!!!*  !  **!!*! !*!*!! ! !! !!!!!!!!!!!!!!!!!!!*!!!!! !!!!!!!!!!!

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  TAITRSKNFLILCGEEDAFRLGIERNDEMRRKTTLREKLREILSEEEMPVEKGEVHQEASYLDILMHADPMIGMENVTPY   798
NTDB id 355 BSU 27480 NP 390625.1              TAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMD..AELEALQKELP....FSVHDANIGMEGITPF   790
consensus                                      !!!!! ! !!!!!!!!*!   !*  !!   ! !*!* *!   * ! *** !   ** ! *****  **!* !!!! *!!*

logo

NTDB id 1078758 ACJ9PY RS18110 WP 134782308.1  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