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logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  MEKQHAMDLFQDEENFIKGKHLATIFHNEQNLYSVIRVRVEETNTGLEDKETVITGYFPRIHEQETYTFFGKMQEHPKFGPQFQA   85
NTDB id 355 BSU 27480 NP 390625.1           .MQQHPDQLKLFEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQA   84
consensus                                   *  !!*   !  *!!***!! *   !*!!* !!!*!**!*! !!  **!!!   *!!!!! **! !!!!!*!!*  !!!!!*!!!!

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  NRFQKDIPNTKQGVIEYLSSDLFNGIGKKTAERIVGVLGENAISKILENPAALDEVPKLAPEKAQLIRDTLVEHQGLERVMIGLA  170
NTDB id 355 BSU 27480 NP 390625.1           EHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLN  169
consensus                                    *! !*!! !! !*! !!!!!!! !!!!!!!! !!  !!* !! !!!  *  ! *!!*! * !!  *   !  !!!!! *!! !

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  QYGFGPQIAMRIYQVYEDEALEKIAQNPYQLVDDIKGIGFGRADELGRQLGISGTHPHRIQAGCCYMLEMESMQHGHVYVLKEEL  255
NTDB id 355 BSU 27480 NP 390625.1           QFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQL  254
consensus                                   !*!!!!!* !*!!! !! ! !!!!  !!!!!! !* !!!!!*!!!!!  *!*!! !!*!* !***! !!  ** *!! !*  ! !

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  AQDVKALLEEYQHVEIP..MDLIENELVKLQEESKVIMEEDKVYLPSLYFSEKGIVSNIERIMSQTEYAEQFPESEFLLALGSLE  338
NTDB id 355 BSU 27480 NP 390625.1           IIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELE  339
consensus                                     !   !!    *   ***     ! ** ! !   ***!* **! !!!** !  *   * *! !!!!!  !!!!!!!!!!!! !!

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  ERIGVEYAPSQKEAIQKALMSPMMILTGGPGTGKTTVIKGIVELYGELHGVSLDPQTYKKDEVFPIVLAAPTGRAAKRMAESTGL  423
NTDB id 355 BSU 27480 NP 390625.1           ERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGL  424
consensus                                   !!* ! !!!!!!!!!!!!! !!!**!!!!!!!!!!!!!*!!!!!!!!!!!!!!!  !!!!! !!!!!!!!!!!!!!! !!!!!

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  PAMTIHRLLGMTGMEDLDDSEERQVEGKLVIIDEMSMVDTWLANQLLKALPDEIQVIMVGDEDQLPSVGPGQVLKDLLKSNAIPV  508
NTDB id 355 BSU 27480 NP 390625.1           PAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPT  509
consensus                                   !!*!!!!!!!   ! !   **!* **!!!!*!!!! !!*! !!!!*! !!*!!*!!*!*!!!!!!!!!!!!!!!!*!!! !* !!

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  VRLTDIYRQKDGSSIIELAHHVKNGRIPENIFQMQADRSFIRCSSGQVAEAVEKVVKSAKRKGYTAKDIQVLAPMYRGPAGIDRL  593
NTDB id 355 BSU 27480 NP 390625.1           VRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINEL  594
consensus                                   !!!!!!!!! *!!!!*!!!!**!!! *! !*  *  !!!!!!!   !* ! !!!!!  ! *!!!!!!!!!!!!!!!!!!*!!!  !
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logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  NSLLQNIFNPNENGARKELKHGDAVYRIGDKVLQLVNQPEHGVYNGDIGEIVSLFTAKENTEKQDMLIVSFDGIEVTYTKPDFNQ   678
NTDB id 355 BSU 27480 NP 390625.1           NVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQ   678
consensus                                   ! *!! ! !!*  * !*!!!*!! !!! !!!*!!!!!!!* !*!!!!!!! !*! !!!!!!! !! *!!!!! !*!*!!*!!!!

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  ITLAYCCSIHKSQGSEFPVVILPVVRSYYRMLRRNLLYTAITRSKKILILLGEEPAFRMGVEREDDQKRKTTLCEKLVEALKTAQ   763
NTDB id 355 BSU 27480 NP 390625.1           FTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEM.   762
consensus                                    !*!!!!!!!!!!!!!!!!*!*!!!!* !!!!!!!!!!!!!!!! !! !!!*!!!*!    !!    !    ! !*!* *!    *   *

logo
NTDB id 139022 SB48 RS07145 WP 035184532.1  KEAGTETALSLTEENWDRVDPMIGMAGITPYTYAEEGQTASQPD   807
NTDB id 355 BSU 27480 NP 390625.1           ...DAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ.....   798
consensus                                   ***  !      ! **  *!* !!! !!!!* *  ! ! *****
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X non conserved

X similar

X ≥ 50% conserved