```
logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  ......MESQTEELYIIGRPFVTIFHNADNLFTICKCSITKTNCDYDEKEIVVKGNFPQLAPEEDYKFIGRLVNHPTYGA   74
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    ******     !!*!* ! *   !*!!  !!*!**!* *! ! *  **! * ! ! !! ! *!! ! ! !**! !! *!

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  QFDVHTFTKEMPGTETGLVQYLSGDLFPGIGAKTASTIVETLGTDAINKILNDATVLDKVPRLTEERKATLVSVLQQNMG  154
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!  **! !!*! !  !**!!!! !!!*!!! !!!  !! !! !!!!!! !!*!! !!!!*  *  !!   !! * !

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  LERTIIQLNEWGFGPKVAMRIYQAYREETIELLTENPYRLTEEIEGVGFQRADELGRHLGITGNHPSRIKAAILYTINEV  234
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!  *! !! *!!!! * !*!!!!!  !!*! * !!!! !  **!!*!! *!!!!! **!**!!!! !*!!!!!!!*

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  VQSEGHVYVEGEVALPEVKRMLEMSQSM..EIPYSSISQAIIELVEEGKLSAEKQRLYTPSLYFSEIGFASKIQEIMSN.  311
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    * !!!! !*! !  ***   *!  !   ** !*     *!!! ! !   *  !  !*! !!!** !   ! ** *! !**

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  GSEDQFPVSEIRSAIGEVEERLGVNYAETQVAAIEKALHSPAMILTGGPGTGKTTVIRGFVEVFAELHGLSLDPAEYAKK  391
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                     ! !!! !!   !*!!*!!!* !*!!**!  !! !!!*!! **!!!!!!!!!!!!!! !!***!!!!*!!!!  ! *!

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  KEAFPIILAAPTGRAAKRMSESTELPAMTIHRLLGFTGQQKEE.ETDREIEGKLVIIDEMSMVDTWLGHQLLKALPKDVQ  470
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                     !!!!!*!!!!!!!!!!!!!!!!  !!!*!!!!!!!* !     *  ! *!!!!!*!!!! !!*! !!***! !!*! **!

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  ILFVGDQDQLPSVGPGQVLKDMLESNVIPVVELTEIYRQSAGSTIIEMAHMIKRSEWSTNIVGKTSDRSFIAASADRILD  550
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    !* !!! !!!!!!!!!!!!!*!*! !*!!! ! !!*!!!!  !!*!*!*!! *!    * !* **! !!!!! * *  ! *
```

```
logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  AVHQIIDNAISKGHSIKDIQVLAPMYKGPAGIDGLNKMIQKMVNPPSSKRKEVTFGDVVYRIGDKVLQLVNQPESNVFNG  630
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG  639
consensus                                     !* ** !!* !!** !!!!!!!!!!*!*!!!  !! !*! **!!!  !!*!* !!!!!!! !!!*!!!!!!!! !!!!!

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  DMGEVISIIKANETVDKKELLVVSYDGIEVTYERKDLNQITLSYCCSIHKSQGSEFPIVIMPIVRAHRKMLKRNLLYTGI  710
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI  719
consensus                                    !*!!* !!  ! !  *! ** !!!*!! !*!* *!! !! !* !!!!!!!!!!!!!!!!!**!*!*** *!!*!!!!!!*!

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  TRAQKFLILCGEPEEFKAGILRADELARQTTLQERLNAYGEPHTATDEDSEETLEVEQEEVEKNYELTTDNILAIDPMIG  790
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAE...........LEALQKEL.....PFSVHDANIG  783
consensus                                    !!! !!!!!!!!*!    !*   !   !!!*!  !!    !** ! *********** ! * !  ******   *!* !!

logo
NTDB id 351273 E2C16 RS06630 WP 115360850.1  MAGITPYAYVQDVD.   804
NTDB id 355 BSU 27480 NP 390625.1            MEGITPFDFMKEEQQ   798
consensus                                    ! !!!!* ** *  *
```

X non conserved

X similar

X $\geq$ 50% conserved