


```
NTDB id 262492 C0R09 RS06430 WP 101667685.1  ..MQQQALPLFRETFIRGQVKHEIFYNEENWYAIIRFKVEETTEPIKDKEVIVVGHFPRPHEDETYTFYGEWKDHPKYGK   78
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    ** **   !*!   !****!  !  * !**!* ! !  *** !! !!*!*! !! ! !  !*!! **!*!!!!!!!     !!!*!
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NTDB id 262492 C0R09 RS06430 WP 101667685.1  QYVAERYERETPKTKSGVEKYLASGLFSGIGKKLAKRIVEHLGVDALTIIAENPDDLAAIPGISPKRAKQIYESVLEHQS   158
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG   160
consensus                                    !* !!** *! ! !! !*  !! ! !! !!!!! !  !! *!  !*  !  *  !  *!  *!*!*!  *   *  !!
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NTDB id 262492 C0R09 RS06430 WP 101667685.1  LERTMVFLYEFGIGVHLALRIYQAYKHNTMTVLTETPYKLIEDVQGIGFKRADEIALSTGIAASSQERVMAACLYVLQEA   238
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT   240
consensus                                    !!   !* !  !! !**! **!!!!! * !*  * ! !! !* !! !!!! *!!!**   !* * **!!! !!*!! !
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NTDB id 262492 C0R09 RS06430 WP 101667685.1  GYSEGHVYFPHEELIARAISLLTECGG..HVFEAEDVKGAIEQLVMDNKVHWEEERVYLPSLFFAEIGLAKRLHYFASR.   315
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT   320
consensus                                    * !!!! ! **! !!    !!!  ** ***    !  !! !   **  !* !*! !!!!*!!  *!!!*** !! *
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NTDB id 262492 C0R09 RS06430 WP 101667685.1  ENPDSYPASEFYQAIGKVEEELGISYASKQREAVEKAMDSGLMLLTGGPGTGKTTVIRGICHVFANLQGISLDMKKYDTQ   395
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K   399
consensus                                    ! *  *! !!!  !*! *!! * * !!* !*!!* !!* !***!!!!!!!!!!!!!!!!!*****  !*!*!!!*  ! *
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NTDB id 262492 C0R09 RS06430 WP 101667685.1  DNPFPILLVAPTGRAAKRMSETTGLPAMTIHRLLGWKG.ESFEHDQDNPVRGKMIIIDEMSMVDVWLANQLFRCLPKDIN   474
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ   479
consensus                                    !  *!!!*! !!!!!!!!!!!!!*!!!!!*!!!!!!!! !*! ! !  !*!* !!**!!!! !!*!*!!!!*!!***!  *!*
```




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NTDB id 262492 C0R09 RS06430 WP 101667685.1  VVMVGDPDQLPSVGPGNVLFDMLESNVIPVVQLTEIYRQAEESSIIQLAHDIRAGKVPQDLLAPTQDRRFFTTLPQNVVE   554
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE   559
consensus                                    ***!!!*!!!!!!!!!*!! !*! !*!!! ! !!*!!!!!! !!!* !!! ** ! *!* ! !!! !! !  * * ** !
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NTDB id 262492 C0R09 RS06430 WP 101667685.1  VVKQICSSSVNKGYTAKDIQVLAPVYKGVAGVNHINEELQLLFNPPSDQKREVTFGETVFRVKDKVLQLVNNADEQVFNG  634
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG  639
consensus                                    !!  **   * !!!!!!!!!!!!!!*!*! !!*!**!  !! * !!! * *!!* !!* !*!  !!*!!!!!*** *!!!!
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NTDB id 262492 C0R09 RS06430 WP 101667685.1  DMGEVVAIFRPTENEENEEQLVVSFEGREVVYRRSQYHQLTLAYCCSVHKSQGSEFPIVILPLVRNYYRMLRRKLIYTGV  714
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI  719
consensus                                    !*!!*  !! * !! ! !*  !!!!*! !* * *  **! !*!!!!!*!!!!!!!!!!*!!*!* !!!!!!! !*!!**
```




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NTDB id 262492 C0R09 RS06430 WP 101667685.1  TRSKSFLLMCGDPDAFRIAVQNDEEGIRYSYLQDRLRLYG.....................................  754
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    !! ! !!**!!***!   *! ! *  *! * !  !! *  ************************************
```

X non conserved

X similar

X ≥ 50% conserved