```
logo
NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  .MQQLESFVFEGTSFIKGSYISTIFHNEANLYSVVRVRVEETNEAYDEQEVVVTGYFPKMNEHDTYIFYGKFHDHPKFGR   79
NTDB id 355 BSU 27480 NP 390625.1              MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                      * !***    !  ***!!*  * !*!!* !!!*!**!*! !! !! **  ! !!!!!! **!**!! !!!! * !!!!!

logo
NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  QYVVDHFRKQFPNTKDGIIHYLSSDLFKGIGKKTAKAIVEALGENAISKILADPSVLDDVPKLSKQRAKELYDTLRAHEG  159
NTDB id 355 BSU 27480 NP 390625.1              QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                      !*  *!!*!  ! !!*!!!*!!!!!!! !!!!!!!  !!  !!* !! !!!!!*!!! !!!*!!! *!  !   !  ! !

logo
NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  LEQTMIALSQFGFGPQLSMKIYQVYQDETLSVIQQNPYQLVEDVEGIGFGRADELGYRLGISGSHPARIRAACLFVLERD  239
NTDB id 355 BSU 27480 NP 390625.1              LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                      !!! !! ! !!!!!!!!!!!!!! !  !!!  !! !!!!!! !!!!!!!!*!!!!! !*!*!! !! !**!!*!* !!

logo
NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  CLQEGHVYVTERQLVTNIKQLLEAKRKET..VSEEAIEQMLLMLSEEGKLIKEDEKFYIPSLYFAEKGIVTNVKRLLQQT  317
NTDB id 355 BSU 27480 NP 390625.1              CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                      !! !!! !*   !!*     !!    *! ****!    * ** ! !   ** !! **! !!!**!!  *   !!**  !!

logo
NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  EAVMTFPESEFLLALGRLEERLSVQYAPTQKEAIRQALSSPLFILTGGPGTGKTTVIKGIVEIFADLHGFSLDPKDYTKD  397
NTDB id 355 BSU 27480 NP 390625.1              EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                      !    !!!!!!!!!!! !!!!* !!!!!*!!!!!  !!!!!* *!!!!!!!!!!!!!*!!!!****!!! !!!!  ! !!

logo
NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  DPFPILLAAPTGRAAKRMSEATGLPAVTIHRLLGWNGAEGFTHDEDEPISGKLLIVDEMSMVDTWLANQLFKSIPDGMQV  477
NTDB id 355 BSU 27480 NP 390625.1              EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                      **!!!*!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!! !! !! !!!!!*!! !!*! !!!!*!!! !!!**!*

logo
NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  ILVGDEDQLPSVGPGQVLKDLLQAGVIPTVRLTEVYRQAEGSSIIELAHQMKNGGLPPDLTAPKADRSFIRCQTSQVAEV  557
NTDB id 355 BSU 27480 NP 390625.1              IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                      !*!!!!!!!!!!!!!!!!*!!!   !!!!!!!!**!!!!!!!!!*!!!!!!!!! !!* !!!!  !!!!!!!  !!* !!
```

```
logo

NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  VRQIADNARRKGFAVKDIQVLAPMYRGPAGIDRLNQVLQDLFNPKSEKKRELSVGDVIYRVGDKVLQLVNQPDDNVFNGD   637
NTDB id 355 BSU 27480 NP 390625.1              VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                      !  *  !! *!!*  !!!!!!!!!!!!*!!!  !! *!!!* !!* !!*!!!  !!!*!! !!!*!!!!!!!* !!!!!!

logo

NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  IGEIVAIFYAKENTEKQDLVVVSFDGIEVTYSRQDLSQITHAYCCSIHKSQGSEFPIVILPVVKSYYRMLKRNLLYTAVT   717
NTDB id 355 BSU 27480 NP 390625.1              IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                      !!!!  !!!!!!!!!!! !* !!!!!! !*!*** !  ! !!!!!!!!!!!!!!!!!!!!*!!!!! !!!!!*!!!!!!!*!

logo

NTDB id 1111287 ACNR9V RS05605 WP 420768868.1  RSKQFLIICGEEEAFKLGVARSDDSSRQTTLTEKLRKIL......VPAVE..GELPMEDANIGMENVSPYDFMDE...   784
NTDB id 355 BSU 27480 NP 390625.1              RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                      ! ! !!!*!!!!!!   !!   ! * !!!*!  *!   *********!* ** * ***!!!!!!! **!*!!! !***
```

X non conserved

X similar

X $\geq$ 50% conserved