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logo
NTDB id 139449 AS52 RS22525 WP 047749816.1  MNEELVNPSQPERHYISGTSIVTVFHNEENLYNVTRIRIKKTNLEIEDKETVVTGYFPKLNEDEVYTFYGDFKEHPKFGLQFHVE   85
NTDB id 355 BSU 27480 NP 390625.1           MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE   85
consensus                                   !* ** **  *!  !* !!    **!!* !!! ! **** !  !!!!  !!!!!! !*!*! !!!!!    !!!!!!!!* !

logo
NTDB id 139449 AS52 RS22525 WP 047749816.1  QFKKELPQSRQGVVQYLSSDLFHGIGKKTAENIVDALGERAIFRILQNESVLKEVPRLSADKAEALVTQLREHQGLEEVMVKLTD  170
NTDB id 355 BSU 27480 NP 390625.1           HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ  170
consensus                                   *!!!!*! ** !**!!!!!!!!*!!!!!!!! !!  !!* !! *!!   !!! *!!!!!  !!* !   !  !!!!! *!* !

logo
NTDB id 139449 AS52 RS22525 WP 047749816.1  LGFGPQLSMKIFQAYKQEALEIVQNNPYQLVEDIQGIGFSRADELGKRLGMATNHPDRLRAGILYVIEQECNQMGHVYVTADQLY  255
NTDB id 355 BSU 27480 NP 390625.1           FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI  255
consensus                                    !!!!!!!!!!*!!!  ! !! *! !!!!!! !* !!!! *!!!!! !*!*  !!!*!**!*!!! *!  !   !! !*  *!!

logo
NTDB id 139449 AS52 RS22525 WP 047749816.1  GKTAELLRKSRHE..NLSEMDLTREVDALKADKKLIIQDEKIYFPPLFYAEKGLVKAIQKIMAQTQYEEQFPESEFLLALGELEE  338
NTDB id 355 BSU 27480 NP 390625.1           IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE  340
consensus                                     !  !!  ! *!** **!!!    * !!   ! **! ! **!!!*!!!!!  * ! * *!  !! !! !!!!!!!!!!!!!!!!!!

logo
NTDB id 139449 AS52 RS22525 WP 047749816.1  RLDVQYAPSQRKGIQTALMSPMLLLTGGPGTGKTTVIKGIVELYAELHGCSLNPGDYKKDEAFPVLLVAPTGRAAKRMSEATGLP  423
NTDB id 355 BSU 27480 NP 390625.1           RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP  425
consensus                                   !*!!!!!!!!!* *!! !! !!!!!!!!!!!!!!!!!!*!!!!!!*!!!!*!! !  !!!!!!!!**! !!!!!!!!!!!! !!!!

logo
NTDB id 139449 AS52 RS22525 WP 047749816.1  AVTIHRLLKWNGQEGFDHNEENPIDGKLLIVDEVSMVDLWLAHQLFKSLPANLQVILVGDEDQLPSVGPGQVLKDLLSSEVVPTV  508
NTDB id 355 BSU 27480 NP 390625.1           AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV  510
consensus                                   !!!!!!!! !!! !!! ! !**!!*!!!!!*!! !!*!*!!!**!!! *! **!*!*!!!!!!!!!!!!!!!!*!!! ! !*!!!

logo
NTDB id 139449 AS52 RS22525 WP 047749816.1  RLTDVYRQAEGSSIIDLAHEIKKGKLPEDLSRQQGDRSFIRCHGQHITNVVQQVCGNALKKGYTAKDIQVLAPMYKGPAGIDKLN  593
NTDB id 355 BSU 27480 NP 390625.1           RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN  595
consensus                                   !!!!*!!!!!!!!!**!!! *! ! !!  !* *  !!!!!!!*! *!  !!  !**!!!!!!!!!!!!!!!!!!!!*!*!!!  !!
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logo

NTDB id 139449 AS52 RS22525 WP 047749816.1  EVLQELFNPASEQRRELKHGDITYRVGDKVLQLVNQPDSNVFNGDMGEIVSVFFAKENTEKQDMLVISYEGNEVTYTKQDFNQIT   678
NTDB id 355 BSU 27480 NP 390625.1           VMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFT   680
consensus                                    *!!** !!* ! !!!!!*!!* !! !!!*!!!!!!!* !!!!!!*!!! !*!*!!!!!!! !! !*!**!!!*!*!! !!!! !

logo

NTDB id 139449 AS52 RS22525 WP 047749816.1  HAYCCSIHKSQGSEFPIVVLPIVKSYYRMLRRNLLYTAVTRSKQFLILCGEDEAFQLGVSRNEDSVRQTNLQPLLRESL...DND   760
NTDB id 355 BSU 27480 NP 390625.1           HAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAE   765
consensus                                   !!!!!!!!!!!!!!!!!!!!!*!! !!!!!!!!!!!!!!*!! ! !!!!!!!!*!!   !!  !* *!!!! ! * !   ****! *

logo

NTDB id 139449 AS52 RS22525 WP 047749816.1  I..EDPEIPF.MKDANIGMENVTPYDFM.....   785
NTDB id 355 BSU 27480 NP 390625.1           LEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                   ***  *!*!!***!!!!!!! *!!*!!!*****
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X non conserved

X similar

X $\geq$ 50% conserved