```
logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  MNEELVNPSQPERHYISGTSIVTVFHNEENLYNVTRIRIKKTNLEIEDKETVVTGYFPKLNEDEVYTFYGDFKEHPKFGL   80
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !* ** **  *!  !* !!    **!!* !!! ! **** !  !!!!  !!!!!! !*!*! !!!!!    !!!!!!

logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  QFHVEQFKKELPQSRQGVVQYLSSDLFHGIGKKTAENIVDALGERAIFRILQNESVLKEVPRLSADKAEALVTQLREHQG  160
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!* !*!!!!*! ** !**!!!!!!!!*!!!!!!!! !!  !!* !! *!!   !!! *!!!!!  !!* !   !  !!!

logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  LEEVMVKLTDLGFGPQLSMKIFQAYKQEALEIVQNNPYQLVEDIQGIGFSRADELGKRLGMATNHPDRLRAGILYVIEQE  240
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !! *!* !   !!!!!!!!!!*!!!  ! !! *! !!!!!! !* !!!! *!!!!! !*!*  !!!*!**!*!!! *!

logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  CNQMGHVYVTADQLYGKTAELLRKSRHE..NLSEMDLTREVDALKADKKLIIQDEKIYFPPLFYAEKGLVKAIQKIMAQT  318
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !   !! !*  *!!   !  !!  ! *!** **!!!    * !!   ! **! ! **!!!*!!!!!  * ! * *!  !!

logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  QYEEQFPESEFLLALGELEERLDVQYAPSQRKGIQTALMSPMLLLTGGPGTGKTTVIKGIVELYAELHGCSLNPGDYKKD  398
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                     !! !!!!!!!!!!!!!!!!!*!!!!!!!!* *!! !! !!!!!!!!!!!!!!!!!!*!!!!!!*!!!!*!!! !   !!!!

logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  EAFPVLLVAPTGRAAKRMSEATGLPAVTIHRLLKWNGQEGFDHNEENPIDGKLLIVDEVSMVDLWLAHQLFKSLPANLQV  478
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    !!!!**! !!!!!!!!!!!! !!!!!!!!!!! !!!  !!!  !  !**!!*!!!!!*!! !!*!*!!!**!!!  *!  **!*

logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  ILVGDEDQLPSVGPGQVLKDLLSSEVVPTVRLTDVYRQAEGSSIIDLAHELKKGKLPEDLSRQQGDRSFIRCHGQHITNV  558
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    !*!!!!!!!!!!!!!!!!*!!!! ! !*!!!!!!!*!!!!!!!!!**!!!! *! ! !!  !* *  !!!!!!!*! *!  !
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logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  VQQVCGNALKKGYTAKDIQVLAPMYKGPAGIDKLNEVLQELFNPASEQRRELKHGDITYRVGDKVLQLVNQPDSNVFNGD   638
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    !  !**!!!!!!!!!!!!!!!!!!!*!*!!!  !! *!!** !!* ! !!!!!*!!* !! !!!*!!!!!!!* !!!!!!
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logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  MGEIVSVFFAKENTEKQDMLVISYEGNEVTYTKQDFNQITHAYCCSIHKSQGSEFPIVVLPIVKSYYRMLRRNLLYTAVT   718
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    *!!! !*!*!!!!!!! !! !*!**!!!*!*!! !!!! !!!!!!!!!!!!!!!!!!!!!!!*!! !!!!!!!!!!!!!*!
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logo
NTDB id 272039 C2I28 RS04710 WP 047749816.1  RSKQFLILCGEDEAFQLGVSRNEDSVRQTNLQPLLRESL...DNDI..EDPEIPF.MKDANIGMENVTPYDFM.....   785
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                    ! ! !!!!!!!*!!   !!  !* *!!!! ! * !   ****! ****  *!*!!***!!!!!!! *!!*!!!*****
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X non conserved

X similar

X $\geq$ 50% conserved