```
logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  MQEHPDQMKLEDEPFLKGTVQAVIFHNESNLYSVLKVKVIETSENLEEKTASVTGYFPALHEEETYTFYGKVTSHPKFGE   80
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !! !!!!*!!!*!!*!!!!!* !!*!!**!!!*!!!!!! !!!! *!*!  !!!!!!!!!*!!!!!!!!!!* *!!!!!

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  QFQATHFQKEVPTTKQGIIHYLSSDLFEGIGKKTAEEIVGQLGSQTLHKIMRDPAVLYDVPRLSKKKADKLAAALQEHQG  160
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!!! !! !!*!!!! !!!*!!!!!!!!!!!!!!!!!!! !!   **!!* !* !!!!!!!!!!!!!! !!*!!! !!!

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  LEQIMISLNQYGFGPQLSMKIYQVYESETLQKIEENPYQLVKDVEGIGFIKADELGARTGISGNDPERIRAALLYTVETA  240
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!!!!!!!!!*!!!!!!!!!!!!! !!!!!! !! !!!!!!!!!!!!!!! !!!!!! ! !*!!!*!!!**!!*!!!*!!

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  SLQDGHTYIQTKDLIVETRKLLNQTGNE.YKVTEMDVANQIIALGEGKEMIIEDERCYHPSLFYAEQSVAKRIQKIVSQT  319
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    *! *!!!!! !  !!**!  !!!!** !* **!!!! !! !!!!!! !***!!! !!!*!!!!!!!! !!!!* *! !!!

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  EYADQFPESEFLLALGELEERLGVQYAPTQKEAIQKALMSPMLLLTGGPGTGKTTVIKGIVELYSDLHGVSLDPSDYKKD  399
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    !!  !!!!!!!!!!!!!!!!!* !!!!!*!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!! *!!!!!!!!! !!!!

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  ESFPFVLAAPTGRAAKRMTESTGLPAVTIHRLLGWNGSEGFSHDEEQPIEGKLVIIDESSMLDIWLANHLFKAIPDHIQV  479
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    ! !! !!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!!*! !*!!!!!!!*!!!!! !!!!!!!!!!!!!!!!!!!*

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  IMVGDEHQLPSVGPGQVLRDLLASQAVPAVTLTDIYRQAEGSSIVELAHDMKNGVLPKDITARSKDRSFIKCSVDQMKEV  559
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    !*!!!!*!!!!!!!!!!!!!!!!!!! *! ! !!!!!!!!*!!!!!!!!! !!!!*!!  *!!**!!!!!!*!   !*!!!
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logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  IEKVVSNAAQKGYSAKDIQVLAPMYKGKAGINELNKMLQHILNPKKPKGREIPFGDVVYRTGDKVLQLVNQPENNIFNGD   639
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    *!!!! !!  !!!*!!!!!!!!!!!*!!!!!!!!! !!!*!!!!*!*! !!**!!!!!!!!!!!*!!!!!!!!!!*!!!!

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  IGEIVSIFYAKENTEKEDMAVISFDGNEITFTKKDFHQFTHAYCCSIHKSQGSEFPIVVLPVVRSYYRMLRRNLLYTAIT   719
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !!!! !!!!!!!!!!!!!!!!*!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!!!!

logo
NTDB id 965300 NSQ36 RS12495 WP 003216666.1  RSKKFLILCGEESALEWGVKNNEDSLRQTSLTMRLVQTEEVMDAELAALQKELPFSVHDANIGMEGITPFDFMHE...   794
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                    ! !!!!!!!!!! !!!!!!!!!!* **!!!!!  !!    ! !!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!***
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X non conserved

X similar

X $\geq$ 50% conserved