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logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  MQEHPDQMKLEDEPFLKGTVQAVIFHNESNLYSVLKVKVIETSENLEEKTASVTGYFPALHEEETYTFYGKVTSHPKFGE   80
NTDB id 355 BSU 27480 NP 390625.1             MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                     !! !!!!*!!!*!!*!!!!!* !!*!!**!!!*!!!!!! !!!! *!*!  !!!!!!!!!*!!!!!!!!!!* *!!!!!

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  QFQATHFQKEVPTTKQGIIHYLSSDLFEGIGKKTAEEIVGQLGTQTLHKIMHDPAVLYDVPRLSKKKADKLAAALQEHQG  160
NTDB id 355 BSU 27480 NP 390625.1             QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                     !!!! !! !!*!!!! !!!*!!!!!!!!!!!!!!!!!!!  !!   **!**!* !!!!!!!!!!!!!! !!*!!! !!!

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  LEQIMISLNQYGFGPQLSMKIYQVYESETLQKIEENPYQLVKDVEGIGFIKADELGARTGISGNDPERIRAALLYTVETA  240
NTDB id 355 BSU 27480 NP 390625.1             LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                     !!!!!!!!!!*!!!!!!!!!!!!! !!!!!! !! !!!!!!!!!!!!!!! !!!!!! ! !*!!!*!!!**!!*!!!*!!

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  SLQDGHTYIQIKDLIVETRKLLNQTGNE.YKVTEMDVANQIIALGEGKEMIIEDERCYHPSLFYAEQSVAKRIQKIVSQT  319
NTDB id 355 BSU 27480 NP 390625.1             CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                     *! *!!!!!    !!**!  !!!!** !* **!!!! !! !!!!!! !***!!! !!!*!!!!!!!! !!!!* *! !!!

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  EYADQFPESEFLLALGELEERLGVQYAPTQKEAIQKALMSPMLLLTGGPGTGKTTVIKGIVELYSDLHGVSLDPSDYKKD  399
NTDB id 355 BSU 27480 NP 390625.1             EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                     !!  !!!!!!!!!!!!!!!!!* !!!!!*!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!! *!!!!!!!!! !!!!

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  ESFPFVLAAPTGRAAKRMTESTGLPAVTIHRLLGWNGSEGFSHDEEQPIEGKLVIIDESSMLDIWLANHLFKAIPDHIQV  479
NTDB id 355 BSU 27480 NP 390625.1             EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                     ! !! !!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!!*! !*!!!!!!!*!!!! !!!!!!!!!!!!!!!!!!!!*

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  IMVGDEHQLPSVGPGQVLRDLLASQAVPAVTLTDIYRQADGSSIVELAHDMKNGVLPKDITARSKDRSFIKCSVDQMKEV  559
NTDB id 355 BSU 27480 NP 390625.1             IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                     !*!!!!*!!!!!!!!!!!!!!!!!!! *! ! !!!!!!!!!*!!!!!!!!! !!!!*!!  *!!**!!!!!!*!   !*!!!
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logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  IEKVVSNAAQKGYSAKDIQVLAPMYKGKAGINELNKMLQHILNPKKPKGREIPFGDVVYRTGDKVLQLVNQPENNIFNGD   639
NTDB id 355 BSU 27480 NP 390625.1             VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                     *!!!! !!  !!!*!!!!!!!!!!!*!!!!!!!!! !!!*!!!!*!*! !!**!!!!!!!!!!!*!!!!!!!!!!*!!!!

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  IGEIVSIFYAKENTEKEDMAVISFDGNEITFTKKDFHQFTHAYCCSIHKSQGSEFPIVVLPVVRSYYRMLRRNLLYTAIT   719
NTDB id 355 BSU 27480 NP 390625.1             IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                     !!!! !!!!!!!!!!!!!!!!*!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!!!!

logo
NTDB id 995106 AAVD42 RS05270 WP 345807922.1  RSKKFLILCGEESALEWGVKNNEDSLRQTSLTMRLVQTEEVMDAELTALQKELPFSVHDANIGMEGITPFDFMHE...   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