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logo

NTDB id 181324 BSA145 RS08345 WP 075622137.1  MQEHPDQMKLEDEPFLKGIIQAVIFHNESNLYSVLKVKVIETSENLEEKTASVTGYFPALHEEETYTFYGKVTSHPKFGE   80
NTDB id 355 BSU 27480 NP 390625.1             MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                     !! !!!!*!!!*!!*!!! ** !!*!!**!!!*!!!!!! !!!! *!*! !!!!!!!!!*!!!!!!!!!!* *!!!!!

logo

NTDB id 181324 BSA145 RS08345 WP 075622137.1  QFQATHFQKEVPTTKQGIIHYLSSDLFEGIGKKTAEEIVGQLGNQTLHKIMRDPAVLYDVPRLSKKKADKLAAALQEHQG  160
NTDB id 355 BSU 27480 NP 390625.1             QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                     !!!! !! !!*!!!! !!!*!!!!!!!!!!!!!!!!!!!  !!   **!!* !* !!!!!!!!!!!!!!! !!*!!! !!!

logo

NTDB id 181324 BSA145 RS08345 WP 075622137.1  LEQIMISLNQYGFGPQLSMKIYQVYESETLQKIEENPYQLVKDVEGIGFIKADELGARTGISGNDPERIRAALLYTVETA  240
NTDB id 355 BSU 27480 NP 390625.1             LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                     !!!!!!!!!!*!!!!!!!!!!!!! !!!!!! !! !!!!!!!!!!!!!!! !!!!!! ! !*!!!*!!!**!!*!!!*!!

logo

NTDB id 181324 BSA145 RS08345 WP 075622137.1  SLQDGHTYIQTKDLIVETRKLLNQTGN.DYKVTEMDVANQIIALGEGKEMIIEDDRCYHPSLFYAEQSVAKRIQKIVSQT  319
NTDB id 355 BSU 27480 NP 390625.1             CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                     *! *!!!!! !  !!**!  !!!!** *  **!!!! !! !!!!!! !***!!! !!!*!!!!!!!! !!!!* *! !!!

logo

NTDB id 181324 BSA145 RS08345 WP 075622137.1  EYADQFPESEFLLALGELEERLGVQYAPTQKEAIQKALMSPMLLLTGGPGTGKTTVIKGIVELYSDLHGVSLDPSDYKKD  399
NTDB id 355 BSU 27480 NP 390625.1             EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                     !!  !!!!!!!!!!!!!!!!!* !!!!!*!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!! *!!!!!!!!! !!!!

logo

NTDB id 181324 BSA145 RS08345 WP 075622137.1  ESFPFVLAAPTGRAAKRMTESTGLPAVTIHRLLGWNGSEGFSHDEEQPIEGKLVIIDESSMLDIWLANHLFKAIPDHIQV  479
NTDB id 355 BSU 27480 NP 390625.1             EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                     ! !! !!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!!*! !*!!!!!!!*!!!! !!!!!!!!!!!!!!!!!!!!*

logo

NTDB id 181324 BSA145 RS08345 WP 075622137.1  IMVGDEHQLPSVGPGQVLRDLLASKAVPAVTLTDIYRQADGSTIVELAHDMKNGVLPKDITARSKDRSFIQCSADQMKEV  559
NTDB id 355 BSU 27480 NP 390625.1             IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                     !*!!!!*!!!!!!!!!!!!!!!!!!  *! ! !!!!!!!!!*!!*!!!!!! !!!!*!!  *!!**!!!!!! ! * !*!!!
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logo
NTDB id 181324 BSA145 RS08345 WP 075622137.1  IEKVVSNAAQKGFSAKDIQVLAPMYKGKAGINELNKMLQHILNPKKPKGREIPFGDVVYRTGDKVLQLVNQPENNIFNGD   639
NTDB id 355 BSU 27480 NP 390625.1             VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                     *!!!! !!  !!**!!!!!!!!!!!*!!!!!!!!! !!!*!!!!*!*! !!**!!!!!!!!!!!*!!!!!!!!!!*!!!!

logo
NTDB id 181324 BSA145 RS08345 WP 075622137.1  IGEIVSIFYAKENTEKEDMAVISFDGNEITFTKKDFHQFTHAYCCSIHKSQGSEFPIVVLPVVRSYYRMLRRNLLYTAIT   719
NTDB id 355 BSU 27480 NP 390625.1             IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                     !!!! !!!!!!!!!!!!!!!!*!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!!!!

logo
NTDB id 181324 BSA145 RS08345 WP 075622137.1  RSKKFLILCGEESALEWGVKNNEDSLRQTSLTMRLVQTEQIMDAELEALQKELPFSVHDANIGMEGITPFDFMHE...   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