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logo

NTDB id 983932 NSQ70 RS12200 WP 024718374.1  MQEHPDQMKLEDEPFLKGTVQAVIFHNESNLYSVLKVKVIETSENLEEKTASVTGYFPALHEDETYTFYGKVTSHPKFGE   80
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !! !!!!*!!!*!!*!!!!!* !!*!!**!!!*!!!!!! !!!! *!*!  !!!!!!!!!*!*!!!!!!!!* *!!!!!

logo

NTDB id 983932 NSQ70 RS12200 WP 024718374.1  QFQATHFQKEVPTTKQGIIHYLSSDLFEGIGKKTAEEIVGKLGNQTLHQIMRDPSVLYDVPRLSKKKADKLAAALQEHQG  160
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!!! !! !!*!!!! !!!*!!!!!!!!!!!!!!!!!!! !!!   ** !* !*!!!!!!!!!!!!!!! !!*!!! !!!

logo

NTDB id 983932 NSQ70 RS12200 WP 024718374.1  LEQIMISLNQYGFGPQLSMKIYQVYESETLQKIEENPYQLVKDVEGIGFIKADELGARTGISGNDPDRIRAALLYTVETA  240
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!!!!!!!!!*!!!!!!!!!!!!! !!!!!! !! !!!!!!!!!!!!!!! !!!!!! ! !*!!!*!*!**!!*!!!*!!

logo

NTDB id 983932 NSQ70 RS12200 WP 024718374.1  SLQDGHTYIQTKDLIVETRKLLNQTGN.DYKVTEMDVANQIIALGEGKDMIIEDERCYHPSLFYAEQSVAKRIQKIVAQT  319
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    *! *!!!!! !  !!**!  !!!!** *  **!!!! !! !!!!!! !!**!!! !!!*!!!!!!!! !!!!* *!  !!

logo

NTDB id 983932 NSQ70 RS12200 WP 024718374.1  EYADQFPESEFLLALGELEERLGVQYAPTQKEAIQKALMSPMLLLTGGPGTGKTTVIKGIVELYSDLHGVSLDPGDYKKD  399
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    !!  !!!!!!!!!!!!!!!!!* !!!!!*!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!! *!!!!!!!!  !!!!

logo

NTDB id 983932 NSQ70 RS12200 WP 024718374.1  EAFPFVLAAPTGRAAKRMTESTGLPAVTIHRLLGWNGSEGFSHDEDQPIEGKLVIIDESSMLDIWLANHLFKAIPDHIQV  479
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    !!!! !!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!!*! !!!!!!!!!*!!!!! !!!!!!!!!!!!!!!!!!!*

logo

NTDB id 983932 NSQ70 RS12200 WP 024718374.1  IMVGDEHQLPSVGPGQVLRDLLASQAIPAVTLTDIYRQADGSTIVELAHDMKNGVLPKDITARSKDRSFIQCSSDQMKEV  559
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    !*!!!!*!!!!!!!!!!!!!!!!!!! !! ! !!!!!!!!*!!*!!!!!! !!!!*!!  *!!**!!!!!! !   !*!!!
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logo
NTDB id 983932 NSQ70 RS12200 WP 024718374.1  IEKVVSNAAQKGYSAKDIQVLAPMYKGKAGINELNKMLQQILNPKKPKGREIPFGDVVYRTGDKVLQLVNQPENNIFNGD   639
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    *!!!! !!  !!!*!!!!!!!!!!!*!!!!!!!!! !!! !!!!*!*! !!**!!!!!!!!!!!*!!!!!!!!!!*!!!!

logo
NTDB id 983932 NSQ70 RS12200 WP 024718374.1  IGEIVSIFYAKENTEKEDMAVISFDGNEITFTKKDFHQFTHAYCCSIHKSQGSEFPIVVLPVVRSYYRMLRRNLLYTAIT   719
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !!!! !!!!!!!!!!!!!!!!*!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!!!!

logo
NTDB id 983932 NSQ70 RS12200 WP 024718374.1  RSKKFLILCGEESALEWGVKNNEDSLRQTSLTMRLTETEEIMDAELAALQKELPFSVHDANIGMEGITPFDFMQE...   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