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logo

NTDB id 134056 QR42 RS12100 WP 024423121.1  MQEHPDQMKLEDEPFLKGTIQAVIFHNESNLYSVLKVKVIETSENLEEKTASVTGYFPALHEEETYTFYGKVTSHPKFGEQFQAT   85
NTDB id 355 BSU 27480 NP 390625.1           MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE   85
consensus                                   !! !!!!*!!!*!!*!!!!** !!*!!**!!!*!!!!!! !!!! *!*!  !!!!!!!!!*!!!!!!!!!!* *!!!!! !!!!

logo

NTDB id 134056 QR42 RS12100 WP 024423121.1  HFQKEVPTTKQGIIHYLSSDLFEGIGKKTAEEIVGQLGNQTLHKIMRDPAVLYDVPRLSKKKADKLAAALQEHQGLEQIMISLNQ   170
NTDB id 355 BSU 27480 NP 390625.1           HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ   170
consensus                                   !! !!*!!!! !!!*!!!!!!!!!!!!!!!!!!!  !!   **!!* !* !!!!!!!!!!!!!!! !!*!!! !!!!!!!!!!!!!

logo

NTDB id 134056 QR42 RS12100 WP 024423121.1  YGFGPQLSMKIYQVYESETLQKIEENPYQLVKDVEGIGFIKADELGARTGISGNDPERIRAALLYTVETASLQDGHTYIQTKDLI   255
NTDB id 355 BSU 27480 NP 390625.1           FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI   255
consensus                                   *!!!!!!!!!!!!! !!!!!! !! !!!!!!!!!!!!!!! !!!!!! ! !*!!!*!!!**!!*!!!*!! *! *!!!!! !   !!

logo

NTDB id 134056 QR42 RS12100 WP 024423121.1  VETRKLLNQTGN.DYKVTEMDVANQIIALGEGKEMIIEDDRCYHPSLFYAEQSVAKRIQKIVSQTEYADQFPESEFLLALGELEE   339
NTDB id 355 BSU 27480 NP 390625.1           IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE   340
consensus                                   **!  !!!!** *  **!!!! !! !!!!!! !***!!! !!!*!!!!!!!! !!!!* *! !!!!!  !!!!!!!!!!!!!!!!

logo

NTDB id 134056 QR42 RS12100 WP 024423121.1  RLGVQYAPTQKEAIQKALMSPMLLLTGGPGTGKTTVIKGIVELYSDLHGVSLDPSDYKKDESFPFVLAAPTGRAAKRMTESTGLP   424
NTDB id 355 BSU 27480 NP 390625.1           RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP   425
consensus                                   !* !!!!!*!!!!!!!!!! !!!!!!!!!!!!!!!!!!!*!!!!!! *!!!!!!!!! !!!!! !! !!!!!!!!!!!!!!*!!!!!!

logo

NTDB id 134056 QR42 RS12100 WP 024423121.1  AVTIHRLLGWNGSEGFSHDEEQPIEGKLVIIDESSMLDIWLANHLFKAIPDHIQVIMVGDEHQLPSVGPGQVLRDLLASKAVPAV   509
NTDB id 355 BSU 27480 NP 390625.1           AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV   510
consensus                                   !!!!!!!!!!!!  !!!*!  !*!!!!!!!*!!!!! !!!!!!!!!!!!!!!!!!!!!*!*!!!!!*!!!!!!!!!!!!!!!!!  *! !

logo

NTDB id 134056 QR42 RS12100 WP 024423121.1  TLTDIYRQADGSTIVELAHDMKNGVLPKDITARSKDRSFIQCSADQMKEVIEKVVSNAAQKGFSAKDIQVLAPMYKGKAGINELN   594
NTDB id 355 BSU 27480 NP 390625.1           RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN   595
consensus                                    !!!!!!!!*!!*!!!!!! !!!!*!!  *!!**!!!!!! ! * !*!!!*!!!! !!  !!**!!!!!!!!!!!*!!!!!!!!!
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logo
NTDB id 134056 QR42 RS12100 WP 024423121.1  KMLQHILNPKKPKGREIPFGDVVYRTGDKVLQLVNQPENNIFNGDIGEIVSIFYAKENTEKEDMAVISFDGNEITFTKKDFHQFT   679
NTDB id 355 BSU 27480 NP 390625.1           VMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFT   680
consensus                                    !!!*!!!!*!*! !!**!!!!!!!!!!!*!!!!!!!!!!*!!!!!!!! !!!!!!!!!!!!!!!!!*!!!!!!*!!!!!!!*!!!

logo
NTDB id 134056 QR42 RS12100 WP 024423121.1  HAYCCSIHKSQGSEFPIVVLPVVRSYYRMLRRNLLYTAITRSKKFLILCGEESALEWGVKNNEDSLRQTSLTMRLVQTEQIMDAE   764
NTDB id 355 BSU 27480 NP 390625.1           HAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAE   765
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!!!!!!!!! !!!!!!!!!! !!!!!!!!!* **!!!!!  !!      !!!!

logo
NTDB id 134056 QR42 RS12100 WP 024423121.1  LEALQKELPFSVHDANIGMEGITPFDFMHE...   794
NTDB id 355 BSU 27480 NP 390625.1           LEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!***
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X non conserved

X similar

X $\geq$ 50% conserved