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logo

NTDB id 91395 L6450 RS10315 WP 020452399.1  MQRHNPDQIEMEEASFVKGTVAAVIYHNETNLYTVLKVKVEETSESFEDKTVSVTGYFPLLIHEDDIYTFYGKTASHPKFGLQFQA   85
NTDB id 355 BSU 27480 NP 390625.1           .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQA   84
consensus                                   *  **!!!* *!! ***!!!!  !!!!!*!!!!!!!!!!! !!!!  !!! !!!!!!!! **!** !!!!!!  *!!!!!!!!!!

logo

NTDB id 91395 L6450 RS10315 WP 020452399.1  DHFKKEVPTTKEGVIQYLASDLFEGIGKKTAEEIVKKLGEGAINKILSDGAVLYDVPKLSKKKADKLAAALQQHQGLEQIMISLS   170
NTDB id 355 BSU 27480 NP 390625.1           EHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLN   169
consensus                                   *!!!!!*!!!!!!*!!!! !!!!!!!!!!!!!!!!!!!* !!!!!! !* !!!!!!*!!!!!!!! !!*!!! !!!!!!!!!!!

logo

NTDB id 91395 L6450 RS10315 WP 020452399.1  EFGFGPQLSMKIYQAYESETLDKIRENPYQLVKDVEGIGFIKADELGGRMGLSGNHPERYKAAILYTVEATCLQEGHTYIDTRQL   255
NTDB id 355 BSU 27480 NP 390625.1           QFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQL   254
consensus                                    !!!!!!!!!!!!!!!! !!!*!! !!!!!!!!!!!!!!! !!!!!! !!!*!! !*!!*!!!!!!!*! !!! !!!!!!*! !!

logo

NTDB id 91395 L6450 RS10315 WP 020452399.1  IIETQKLLNQSAGD.EKVTEMDVADAIISLGEQKELFIEDERCYYPSLYYAEQSFAKRVQKIVGQTEYDDQFPESEFLLALGELE   339
NTDB id 355 BSU 27480 NP 390625.1           IIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELE   339
consensus                                   !!*!! !!!!!! ** **!!!! ! !!! !!!*!** !!! !!!*!!!*!!!!  !!!! *!  !!!!* !!!!!!!!!!!!!!!

logo

NTDB id 91395 L6450 RS10315 WP 020452399.1  ERMKVQYAPSQKEAIQKALMSPMLLLTGGPGTGKTTVIRGIVELYSELHGLSLNPADYKKDETFPFVLAAPTGRAAKRMSESTGL   424
NTDB id 355 BSU 27480 NP 390625.1           ERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGL   424
consensus                                   !!!  !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!! !!!!*!! !  !!!!! !! !!!!!!!!!!!!!!!!!!!!

logo

NTDB id 91395 L6450 RS10315 WP 020452399.1  PAVTIHRLLGWNGAEGFTHDEDNPIEGRLLIIDETSMLDIWLANQLFKAIPDRIQVIMVGDEDQLPSVGPGQVLRDLLASTVIPS   509
NTDB id 355 BSU 27480 NP 390625.1           PAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPT   509
consensus                                   !!!!!!!!!!!!!!!!!!!  !!*!!!!*!!!!!! !!!!!!!!!*!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!  !!!*

logo

NTDB id 91395 L6450 RS10315 WP 020452399.1  VRLTDIYRQAEGSSIVELAHEMKQGKLPENLTAPTKDRSFIRCRQQQIKEVVEKVVKNALQKGYSARDIQILAPMYRGAAGINEL   594
NTDB id 355 BSU 27480 NP 390625.1           VRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINEL   594
consensus                                   !!!!!!!!!!!!!!!!!!!! !!*! !! !!!!!!!!!!!!!!!   !!!!!!!!!! !!! !!!*!*!!!*!!!!!!! !!!!!!
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logo
NTDB id 91395 L6450 RS10315 WP 020452399.1  NALLQGILNPPKPKGRELKYGDVVYRTGDKVLQLVNQPEHNVFNGDMGEIVSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQF   679
NTDB id 355 BSU 27480 NP 390625.1           NVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQF   679
consensus                                   !  *!! !!!!!!*! !!!!*!!!!!!!!!!*!!!!!!!!*!!!!!!*!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 91395 L6450 RS10315 WP 020452399.1  THAYCCSIHKSQGSEFPIVILPVVKSYYRMLRRNLLYTAITRSKKFLILCGEEEALEWGVKNKESSERQTSLKRRLQQAAHEEDE   764
NTDB id 355 BSU 27480 NP 390625.1           THAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDA   764
consensus                                   !!!!!!!!!!!!!!!!!!!*!!!!! !!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!! * * !!!!!! !!    *! !

logo
NTDB id 91395 L6450 RS10315 WP 020452399.1  ELMALQKELPFSVYDANIGMEGITPFDFMEKEAE   798
NTDB id 355 BSU 27480 NP 390625.1           ELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                   !! !!!!!!!!!!*!!!!!!!!!!!!!!!!  !
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X non conserved

X similar

X $\geq$ 50% conserved