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logo

NTDB id 91499 L6430 RS22070 WP 212930432.1  MQRHNPDQIEMEEASFVKGMVAAVIYHNETNLYTVLKVKVEETSESFEDKTVSVTGYFPLLIHEDDIYTFYGKTASHPKFGLQFQA   85
NTDB id 355 BSU 27480 NP 390625.1           .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQA   84
consensus                                   *  **!!!* *!! ***!! ! !!!!!*!!!!!!!!!!! !!!!  !!! !!!!!!!! **!** !!!!!!  *!!!!!!!!!!

logo

NTDB id 91499 L6430 RS22070 WP 212930432.1  DHFKKEVPTTKEGVIQYLASDLFEGIGKKTAEEIVNKLGEGAINKILSDGAVLYDVPKLSKKKADKLAAALQQHQGLEQIMISLS   170
NTDB id 355 BSU 27480 NP 390625.1           EHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLN   169
consensus                                   *!!!!!*!!!!!!*!!!! !!!!!!!!!!!!!!!! !!!* !!!!!! !* !!!!!!*!!!!!!!! !!*!!! !!!!!!!!!!!

logo

NTDB id 91499 L6430 RS22070 WP 212930432.1  EFGFGPQLSMKIYQAYESETLDKIRENPYQLVKDVEGIGFIKADELGGRMGLSGNHPERYKAAILYTYETTCLSEGHTYIETRQL   255
NTDB id 355 BSU 27480 NP 390625.1           QFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQL   254
consensus                                    !!!!!!!!!!!!!!!! !!!*!! !!!!!!!!!!!!!!!! !!!!!! !!!*!! !*!!*!!!!!!!*! !!! !!!!!!!! !!

logo

NTDB id 91499 L6430 RS22070 WP 212930432.1  IIETQKLLNQSAGD.EKVTEMDVADAIISLGEQKELFIEDERCYYPSLYYAEQSFAKRVQKIAGQTEYDDQFPESEFLLALGELE   339
NTDB id 355 BSU 27480 NP 390625.1           IIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELE   339
consensus                                   !!*!! !!!!!! ** **!!!! ! !!! !!!*!** !!! !!!*!!!*!!!!  !!!! *!! !!!!* !!!!!!!!!!!!!!!!

logo

NTDB id 91499 L6430 RS22070 WP 212930432.1  ERMKVQYAPSQKEAIQKALMSPMLLLTGGPGTGKTTVIRGIVELYSELHGLSLNPADYKKDETFPFVLAAPTGRAAKRMSESTGL   424
NTDB id 355 BSU 27480 NP 390625.1           ERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGL   424
consensus                                   !!!  !!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!! !!!!*!! !  !!!!! !! !!!!!!!!!!!!!!!!!!!!

logo

NTDB id 91499 L6430 RS22070 WP 212930432.1  PAVTIHRLLGWNGAEGFTHDEDNPIEGRLLIIDETSMLDIWLANQLFKAIPDRIQVIMVGDEDQLPSVGPGQVLRDLLASNVIPS   509
NTDB id 355 BSU 27480 NP 390625.1           PAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPT   509
consensus                                   !!!!!!!!!!!!!!!!!!!  !!*!!!!*!!!!!! !!!!!!!!!*!!!!!!!*!!*!*!!!!!!!!!!!!!!!!!!!!!!*!!!*

logo

NTDB id 91499 L6430 RS22070 WP 212930432.1  VRLTDIYRQAEGSSIVELAHEMKQGKLPENLAAPTKDRSFIRCRQQQIKEVVEKVVKNALQKGYSARDIQVLAPMYRGAAGINEL   594
NTDB id 355 BSU 27480 NP 390625.1           VRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINEL   594
consensus                                   !!!!!!!!!!!!!!!!!!!! !!*! !! !! !!!!!!!!!!!   !!!!!!!!!! !!! !!!*!*!!!!!!!!!!! !!!!!!
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logo
NTDB id 91499 L6430 RS22070 WP 212930432.1  NALLQGILNPPKPKGREMKYGDVVYRTGDKVLQLVNQPEHNVFNGDMGEIVSIFYAKENTEKEDMAVVSFDGNEITFAKKDFNQF   679
NTDB id 355 BSU 27480 NP 390625.1           NVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQF   679
consensus                                   !  *!! !!!!!!*! !!*!*!!!!!!!!!!*!!!!!!!!*!!!!!!*!!! !!!!!!!!!!!!!!!!!!!!!!!!!*!! !!!!!!!

logo
NTDB id 91499 L6430 RS22070 WP 212930432.1  THAYCCSIHKSQGSEFPIVILPVVKSYYRMLRRNLLYTAITRSKKFLILCGEEEALEWGVKNKESSERQTSLKRRLQQAAHEEDE   764
NTDB id 355 BSU 27480 NP 390625.1           THAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDA   764
consensus                                   !!!!!!!!!!!!!!!!!!!*!!!!! !!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!! * * !!!!!! !!    *! !

logo
NTDB id 91499 L6430 RS22070 WP 212930432.1  ELMALQKELPFSVYDANIGMEGITPFDFMKKEAE   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