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logo
NTDB id 1311 DR RS09490 WP 010888489.1      MVTREGATRFDPQTGEVLTAPARRRGHRAEAGRLAWPLPLALGIIG.GIGWQLGLGWAAVPLLLGAALALLDARPLLAVLALLGG   84
NTDB id 52384 JQN54 RS11020 WP 203971379.1  ..............................MRPSWTWGVGLGAGALVAAWGLFAPWAFLGL.........GLLPFLRLPFALGF   45
NTDB id 1035 TT RS08105 WP 011173974.1      ..............................MRPSWTWGVGLGAGALVAAWGLFAPWAFLGL.........GLLPFLRLPFALGF   45
consensus                                                                *!**!*****!!*******!*!***!!***!         ***!*!*****!!*

logo
NTDB id 1311 DR RS09490 WP 010888489.1      GLGYGSAHLQAREPDRIAPWIGALV...TLRGHWDGQFLTLDEPKARVALAPKPRQGPGEVVVAGRLIRPDGRRIPGGFDQAAWL   166
NTDB id 52384 JQN54 RS11020 WP 203971379.1  GLVLARAL...FFPLPEPPWGAAVEGVFAVRGGF....TRAEGH..LLWVSHYPPLPDGRYRLRGRIAPPQGRTNPGGFDQRAWL   121
NTDB id 1035 TT RS08105 WP 011173974.1      GLVLARAL...FFPLPEPPWGAAVEGVFAVRGGF....TRAEGH..LLWVSHYPPLPDGRYRLRGRIAPPQGRTNPGGFDQRAWL   121
consensus                                   !!****!*   **!****!!**!*******!!**    ******  *******!****!*****!!***!*!!**!!!!!!*!!!

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NTDB id 1311 DR RS09490 WP 010888489.1      RSQGGLLVPTPKAVLVRAEVKKHVPERGLRGWFRRGLSAHLSPRNAALMTAVELGERGDIGRETFDEGFSVRDAFARAGLAHLMA   251
NTDB id 52384 JQN54 RS11020 WP 203971379.1  LSRGAKGVLRAE......SAEPLGPLPDWREGFRERLGAGLSLEAREVVEGLVLGDKGGLE........TAYPLFQRAGLAHLLA   192
NTDB id 1035 TT RS08105 WP 011173974.1      LSRGAKGVLRAE......SAEPLGPLPDWREGFRERLGAGLSLEAREVVEGLVLGDKGGLE........TAYPLFQRAGLAHLLA   192
consensus                                   *!*!***!****      ******!****!**!!**!*!*!!***********!!**!***        *****!*!!!!!!!*!

logo
NTDB id 1311 DR RS09490 WP 010888489.1      LSGQNVALLTGTLIWLLGWLGARPSWRYGLPAALLPFYLLLLVGATPSITRAVLMGGVALLALMVGRGRPDPLGIVALTASACLL   336
NTDB id 52384 JQN54 RS11020 WP 203971379.1  LSGLHVGVLVGFAVLGL...YPLGRWRYLLALALLPFYLL.LAGPSPSLVRASLMAGLSLLGLFLGLGGAGVVQALGLALFLQLL   273
NTDB id 1035 TT RS08105 WP 011173974.1      LSGLHVGVLVGFAVLGL...YPLGRWRYLLALALLPFYLL.LAGPSPSLVRASLMAGLSLLGLFLGLGGAGVVQALGLALFLQLL   273
consensus                                   !!!**!**!*!*****!   *****!!!*!**!!!!!!!! !*!**!!**!!*!!*!**!!*!**!*!*********!*****!!

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NTDB id 1311 DR RS09490 WP 010888489.1      LFPLWLLDVGFQLSFLAVLGLLLSGKLADRLPQRWPQWLKLALAATVLAELATLPVIAHNFGQLPLVGLPANLLAAPIMAVLVPL   421
NTDB id 52384 JQN54 RS11020 WP 203971379.1  LRPEALLGLGFQLSYLAVLGLALVLPA.LRLPPGPRGYLLGGVAASLAVQAFLLPLLLHRFGFAPLLAPLANLLALPLVALLVPL   357
NTDB id 1035 TT RS08105 WP 011173974.1      LRPEALLGLGFQLSYLAVLGLALVLPA.LRLPPGPRGYLLGGVAASLAVQAFLLPLLLHRFGFAPLLAPLANLLALPLVALLVPL   357
consensus                                   !*!**!!**!!!!!*!!!!!!*!**** *!!!******!****!!********!!***!*!!**!!****!!!!!*!**!*!!!!

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NTDB id 1311 DR RS09490 WP 010888489.1      GFLAGLLGPAGGLVNWAVAPLASALLWVAQTFGSAPVLGWGTLGAGGFLAYALAAVAGMGWLLGRVRGQAALTIALACAALSWLP   506
NTDB id 52384 JQN54 RS11020 WP 203971379.1  GFLKLFLGALP...APLVEPLARGLLLLAGLAAQGPLLRWGEIAPPGFALYYLGLLPLLFALHRRLPWRRALLLASL.PALVGLL   438
NTDB id 1035 TT RS08105 WP 011173974.1      GFLKLFLGALP...APLVEPLARGLLLLAGLAAQGPLLRWGEIAPPGFALYYLGLLPLLFALHRRLPWRRALLLASL.PALVGLL   438
consensus                                   !!!***!!***   ***!*!!!**!!**!******!*!*!!*****!!**!*!********!**!*****!!**!**  *!!**!*
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logo
NTDB id 1311 DR RS09490 WP 010888489.1      AQLRPARELVFLDVGQGDATLLRVPGLTMLVDGGGSVGSDYDVGRGTVLPALRALGVRKLDVVVATHADTDHIEGLSSVLRGLPV   591
NTDB id 52384 JQN54 RS11020 WP 203971379.1 AAWPKPLDLWMLDVGQGDALLARMGGGEVLVDGGRAEKG......EAVVRALRALGVEALELLVATHPDADHYGGLFRVIEEVPV   517
NTDB id 1035 TT RS08105 WP 011173974.1      AAWPKPLDLWMLDVGQGDALLARMGGGEVLVDGGRAEKG......EAVVRALRALGVEALELLVATHPDADHYGGLFRVIEEVPV   517
consensus                                   !*******!**!!!!!!!!*!*!**!***!!!!*****      **!**!!!!!!!**!***!!!!*!*!!**!!**!****!!

logo
NTDB id 1311 DR RS09490 WP 010888489.1      GELWVGQLKKAGDDPVLDAVLTAARERNVPVRQIRRGDQVTAGPVKVTALWPVGNVWSTADNDNSVALRVEDGPFRAALLGDLPD   676
NTDB id 52384 JQN54 RS11020 WP 203971379.1 GLALLAPG.....FPEDHPLAQALRARGVPVVRAGAGTRLKVGQGEVRVLWPEA..LSGDDNQDGLALLLDFGRGRALLLADLPR   595
NTDB id 1035 TT RS08105 WP 011173974.1      GLALLAPG.....FPEDHPLAEALRARGVPVVRAGAGTRLKVGQGEVRVLWPEA..LSGDDNQDGLALLLDFGRGRALLLADLPR   595
consensus                                   !*******     *!****** !*!*!*!!!*****!*****!***!**!!!**  *!**!!****!!****!**!!*!!*!!!*

logo
NTDB id 1311 DR RS09490 WP 010888489.1      PAEALIGPGHLTLLKAAHHGSRYSTGEVLLKQTKPKDVLISVGRNTYGHPTQAVLDRIAAAGAKVWRTDQVGTVRWPLP...   755
NTDB id 52384 JQN54 RS11020 WP 203971379.1 EVEARLPVGEVEALKVSHHGSQSGTSEVLLERTRPRVALIGVGPNPFGHPHPEVLERLERHGAEVRRTDQDGAVRVLFGYAW   677
NTDB id 1035 TT RS08105 WP 011173974.1      EVEARLPVGEVEALKVSHHGSQSGTSEVLLERTRPRVALIGVGPNPFGHPHPEVLERLERHGAEIRRTDQDGAVRVLFGYAW   677
consensus                                   **!!****!****!!**!!!!***!*!!!!**!*!***!!*!!*!**!!!***!!*!****!!***!!!!*!*!!*******
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X non conserved

X similar

X ≥ 50% conserved