```
logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  ..............................MRPSWTWGVGLGAGALVAAWGLFAPWAFLGL.........GLLPFLRLPFALGF   45
NTDB id 1035 TT RS08105 WP 011173974.1      ..............................MRPSWTWGVGLGAGALVAAWGLFAPWAFLGL.........GLLPFLRLPFALGF   45
NTDB id 1311 DR RS09490 WP 010888489.1      MVTREGATRFDPQTGEVLTAPARRRGHRAEAGRLAWPLPLALGIIG.GIGWQLGLGWAAVPLLLGAALALLDARPLLAVLALLGG   84
consensus                                   *!**!*****!!*******!*!***!!***!         ***!*!*****!!*

logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  GLVLARALL...FPLPEPPWGAAVEGVFAVRGGF....TRAEGH..LLWVSHYPPLPDGRYRLRGRIAPPQGRTNPGGFDQRAWL  121
NTDB id 1035 TT RS08105 WP 011173974.1      GLVLARALF...FPLPEPPWGAAVEGVFAVRGGF....TRAEGH..LLWVSHYPPLPDGRYRLRGRIAPPQGRTNPGGFDQRAWL  121
NTDB id 1311 DR RS09490 WP 010888489.1      GLGYGSAHLQAREPDRIAPWIGALV...TLRGHWDGQFLTLDEPKARVALAPKPRQGPGEVVVAGRLIRPDGRRIPGGFDQAAWL  166
consensus                                   !!****!**   *!****!!**!*******!!**    ******  *******!****!*****!!***!*!!**!!!!!!*!!!

logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  LSRGAKGVLRAE......SAEPLGPLPDWREGFRERLGAGLSLEAREVVEGLVLGDKGGLE........TAYPLFQRAGLAHLLA  192
NTDB id 1035 TT RS08105 WP 011173974.1      LSRGAKGVLRAE......SAEPLGPLPDWREGFRERLGAGLSLEAREVVEGLVLGDKGGLE........TAYPLFQRAGLAHLLA  192
NTDB id 1311 DR RS09490 WP 010888489.1      RSQGGLLVPTPKAVLVRAEVKKHVPERGLRGWFRRGLSAHLSPRNAALMTAVELGERGDIGRETFDEGFSVRDAFARAGLAHLMA  251
consensus                                   *!*!***!****      ******!****!**!!**!*!*!!***********!!**!***        *****!*!!!!!!!*!

logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  LSGLHVGVLVGFAVLGL...YPLGRWRYLLALALLPFYLL.LAGPSPSLVRASLMAGLSLLGLFLGLGGAGVVQALGLALFLQLL  273
NTDB id 1035 TT RS08105 WP 011173974.1      LSGLHVGVLVGFAVLGL...YPLGRWRYLLALALLPFYLL.LAGPSPSLVRASLMAGLSLLGLFLGLGGAGVVQALGLALFLQLL  273
NTDB id 1311 DR RS09490 WP 010888489.1      LSGQNVALLTGTLIWLLGWLGARPSWRYGLPAALLPFYLLLLVGATPSITRAVLMGGVALLALMVGRGRPDPLGIVALTASACLL  336
consensus                                   !!!**!**!*!*****!   *****!!!*!**!!!!!!!! !*!**!!**!!*!!*!**!!*!**!*!*********!*****!!

logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  LRPEALLGLGFQLSYLAVLGLALVLPA.LRLPPGPRGYLLGGVAASLAVQAFLLPLLLHRFGFAPLLAPLANLLALPLVALLVPL  357
NTDB id 1035 TT RS08105 WP 011173974.1      LRPEALLGLGFQLSYLAVLGLALVLPA.LRLPPGPRGYLLGGVAASLAVQAFLLPLLLHRFGFAPLLAPLANLLALPLVALLVPL  357
NTDB id 1311 DR RS09490 WP 010888489.1      LFPLWLLDVGFQLSFLAVLGLLLSGKLADRLPQRWPQWLKLALAATVLAELATLPVIAHNFGQLPLVGLPANLLAAPIMAVLVPL  421
consensus                                   !*!**!!**!!!!!*!!!!!!*!**** *!!!*****!****!!********!!***!*!!**!!****!!!!!*!**!*!!!!

logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  GFLKLFLGALP...APLVEPLARGLLLLAGLAAQGPLLRWGEIAPPGFALYYLGLLPLLFALHRRLPWRRALLLASLPTLVGLLA  439
NTDB id 1035 TT RS08105 WP 011173974.1      GFLKLFLGALP...APLVEPLARGLLLLAGLAAQGPLLRWGEIAPPGFALYYLGLLPLLFALHRRLPWRRALLLASLPALVGLLA  439
NTDB id 1311 DR RS09490 WP 010888489.1      GFLAGLLGPAGGLVNWAVAPLASALLWVAQTFGSAPVLGWGTLGAGGFLAYALAAVAGMGWLLGRVRGQAALTIALACAALSWLP  506
consensus                                   !!!***!!***   ***!*!!!**!!**!******!*!*!!*****!!**!*********!**!*****!!**!********!*
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logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  .ARPKPLDLWMLDVGQGDALLARMGGGEVLVDGGRAEKG......EAVVRALRALGVEALELLVATHPDADHYGGLFRVIEEVPV   517
NTDB id 1035 TT RS08105 WP 011173974.1      .AWPKPLDLWMLDVGQGDALLARMGGGEVLVDGGRAEKG......EAVVRALRALGVEALELLVATHPDADHYGGLFRVIEEVPV   517
NTDB id 1311 DR RS09490 WP 010888489.1      AQLRPAREELVFLDVGQGDATLLRVPGLTMLVDGGGSVGSDYDVGRGTVLPALRALGVRKLDVVVATHADTDHIEGLSSVLRGLPV   591
consensus                                    * *****!**!!!!!!!!*!*!**!***!!!!*****      **!**!!!!!!!**!***!!!!*!*!!**!!**!****!!

logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  GLALLAPG.....FPEDHPLAQALRARGVPVVRAGAGTRLKVGQGEVRVLWPEA..LSGDDNQDGLALLLDFGRGRALLLADLPR   595
NTDB id 1035 TT RS08105 WP 011173974.1      GLALLAPG.....FPEDHPLAEALRARGVPVVRAGAGTRLKVGQGEVRVLWPEA..LSGDDNQDGLALLLDFGRGRALLLADLPR   595
NTDB id 1311 DR RS09490 WP 010888489.1      GELWVGQLKKAGDDPVLDAVLTAARERNVPVRQIRRGDQVTAGPVKVTALWPVGNVWSTADNDNSVALRVEDGPFRAALLGDLPD   676
consensus                                   !*******     *!******  !*!*!*!!!*****!*****!***!**!!!**   *!**!!****!!****!**!!*!!*!!!*

logo
NTDB id 92625 QUE39 RS10045 WP 011229052.1  EVEARLPVGEVEALKVSHHGSQSGTSEVLLERTRPRVALIGVGPNPFGHPHPEVLERLERHGAEVRRTDQDGAVRVLFGYAW   677
NTDB id 1035 TT RS08105 WP 011173974.1      EVEARLPVGEVEALKVSHHGSQSGTSEVLLERTRPRVALIGVGPNPFGHPHPEVLERLERHGAEIRRTDQDGAVRVLFGYAW   677
NTDB id 1311 DR RS09490 WP 010888489.1      PAEALIGPGHLTLLKAAHHGSRYSTGEVLLKQIKPKDVLISVGRNTYGHPTQAVLDRIAAAGAKVWRTDQVGTVRWPLP...   755
consensus                                   **!!****!****!!**!!!!***!*!!!!**!*!***!!*!!*!**!!!***!!*!****!!***!!!!*!*!!*******
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X non conserved

X similar

X $\geq$ 50% conserved