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logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  ..........................MERSGSRVAWTILLALGVIGGIQLGLGTQWSALVLVAGVALAVWDARPLLAGLTLIGAM   59
NTDB id 1311 DR RS09490 WP 010888489.1      MVTREGATRFDPQTGEVLTAPARRRGHRAEAGRLAWPLPLALGIIGGIGWQLGLGWAAVPLLLGAALALLDARPLLAVLALLGGG   85
consensus                                   ***************************   * !*!!***!!!!*!!!!   !!   ! !**!* ! !!!* !!!!!!! ! !*!*

logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  AGYAALRTQQAQPDRLAPWTGAQVTLRGDWDGQLLTLADPRGRVVLSPKPEARPGPLVVSGRLVRPEGQRTPGGFDQAAWLRAQG  144
NTDB id 1311 DR RS09490 WP 010888489.1      LGYGSAHLQAREPDRIAPWIGALVTLRGHWDGQFLTLDEPKARVALAPKPRQGPGEVVVAGRLIRPDGRRIPGGFDQAAWLRSQG  170
consensus                                    !!*  * !   !!!*!!! !! !!!!!*!!!! !!! *!**!! ! !!!   !!**!! !!!*!!*! ! !!!!!!!!!!! !!

logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  GLLTPAPTGVLAGARLRQQAPEDGLRGWFRRGLVAGLPPREAALMQAIELGDRSEISRQEFQDGSGIRDAFARAGLAHLMALSGQ  229
NTDB id 1311 DR RS09490 WP 010888489.1      GLLVPTPKAVLVRAEVKKHVPERGLRGWFRRGLSAHLSPRNAALMTAVELGERGDIGRETFDEGFSVRDAFARAGLAHLMALSGQ  255
consensus                                   !!! ! ! *!!  ! ** * !! !!!!!!!!!! !*!*!! !!!! !*!!!*! *! !  ! *!  *!!!!!!!!!!!!!!!!!!

logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  NVALITALLLWLLARSPLNVAVRYGLGAGLLLVYLFALVGVSPSITRAVIMGFTVLVALAVGRGRPDPLGLIALAATACLLAFPL  314
NTDB id 1311 DR RS09490 WP 010888489.1      NVALLTGTLIWLLGWLGARPSWRYGLPAALLPFYLLLLVGATPSITRAVLMGGVALLALMVGRGRPDPLGIVALTASACLLLFPL  340
consensus                                   !!!!*!* !*!!!*  *  *  !!!!*!*!!* !!  !!! *!!!!!!!*!!   !*!! !!!!!!!!!!**!! !*!!!! !!!

logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  WLTDVGFQLSFLAVLALTQSARLADRLPERWPRALRLALSATVLAELGTLPVIASTFGELPLVGLPANLLAGGVMAVLVPLGFVA  399
NTDB id 1311 DR RS09490 WP 010888489.1      WLLDVGFQLSFLAVLGLLLSGKLADRLPQRWPQWLKLALAATVLAELATLPVIAHNFGQLPLVGLPANLLAAPIMAVLVPLGFLA  425
consensus                                   !! !!!!!!!!!!!!*!  !**!!!!!! !!!  !*!!! !!!!!!!*!!!!!!* !! !!!!!!!!!!!!***!!!!!!!!!*!

logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  GLLGPLGGVVNLAVEPLAGLLLGIVEVFGRAPVLSWGQIAPVGVASYALCALAGVLWLRGQVRAQVVLGTVLACTALTLLPGQLR  484
NTDB id 1311 DR RS09490 WP 010888489.1      GLLGPAGGLVNWAVAPLASALLWVAQTFGSAPVLGWGTLGAGGFLAYALAAVAGMGWLLGRVRGQAALTIALACAALSWLPAQLR  510
consensus                                   !!!!! !!*!! !! !!!  !! *  !! !!!! !! *** !  !!!*!*!!* !! ! !!*!  !  !!! !!* !!*!!!

logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  PAREVVFLDVGQGDATLIRVPQLTMLVDAGGSVGSDYDVGERTVIPALRAMGVHKLDVAVATHADTDHIEGLSSVLRNLPVGELW  569
NTDB id 1311 DR RS09490 WP 010888489.1      PARELVFLDVGQGDATLLRVPGLTMLVDGGGSVGSDYDVGRGTVLPALRALGVRKLDVVVATHADTDHIEGLSSVLRGLPVGELW  595
consensus                                   !!!!*!!!!!!!!!!!!*!!! !!!!!!*!!!!!!!!!!!!  !!*!!!!!*!!*!!!! !!!!!!!!!!!!!!!!!! !!!!!!!
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logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  IGHRK..AGDPLVDDLLAVAAQRGVAVREVRRGDRVQADGATLTVLWPPGHVWSTEDNENSVALSLESGGWRTALLGDLPSDTEA   652
NTDB id 1311 DR RS09490 WP 010888489.1      VGQLKKAGDDPVLDAVLTAARERNVPVRQIRRGDQVTAGPVKVTALWPVGNVWSTADNDNSVALRVEDGPFRAALLGDLPDPAEA   680
consensus                                   *!* !*** !!**! *!  !  ! !*!! *!!!! ! ! *  *! !!!*!*!!!! !!*!!!!! *! !**! !!!!!!! * !!

logo
NTDB id 33723 DEIDE RS02195 WP 162485379.1  ALGTGHLDVLKAAHHGSRHSTGAALLQQAAPAHTVISVGRNTYGHPHPDVLEKLRQAGSRIWRTDQTGTIRWPVP   727
NTDB id 1311 DR RS09490 WP 010888489.1      LIGPGHLTLLKAAHHGSRYSTGEVLLKQTKPKDVLISVGRNTYGHPTQAVLDRIAAAGAKVWRTDQVGTVRWPLP   755
consensus                                    *!*!!! *!!!!!!!!!*!!!  !! !  ! * *!!!!!!!!!!!** !!***  !! **!!!!! !!*!!!*!
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X non conserved

X similar

X $\geq$ 50% conserved