```
logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  ..MTRGQALF........PAPLA.ITPAHWWERLPPTLPPLLGLMAGILLGFGSGWGWPAALLALALCVPGRRWPLALLA   69
NTDB id 1311 DR RS09490 WP 010888489.1         MVTREGATRFDPQTGEVLTAPARRRGHRAEAGRLAWPLPLALGIIGGIGWQLGLGWAAVPLLLGAALALLDARPLLAVLA   80
consensus                                      **   !   !*********!!  *    *   !!***!!* !!***!!    ! !!* ** !!* !!***  !**!!*!!

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  VLACGLGCVREQAWWNAPDPLAGYIGAQLTLQGDWDGQLLHLRDPASAVALSPRPTLGPGPLRVSGVLVRPPPRRIPGGF  149
NTDB id 1311 DR RS09490 WP 010888489.1         LLGGGLGYGSAHLQAREPDRIAPWIGALVTLRGHWDGQFLTLDEPKARVALAPKPRQGPGEVVVAGRLIRPDGRRIPGGF  160
consensus                                      *!**!!!*   *     !!**!**!!! *!! !*!!!! !*! *!   !!! !*!  !!!** ! ! !*!!**!!!!!!!

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  DARFWLRAQGV......RAELVAARVRSHQPQRGLKGWFRRGLTAGLPAREAALMQAIELGDKAELGQQTFDDGQAVQAS  223
NTDB id 1311 DR RS09490 WP 010888489.1         DQAAWLRSQGGLLVPTPKAVLVRAEVKKHVPERGLRGWFRRGLSAHLSPRNAALMTAVELGERGDIGRETFDEGFSVRDA  240
consensus                                      !   !!! !! *******! !! ! !* ! ! !!!*!!!!!!!*!*!**! !!!! !*!!!*****!  !!!*!  !

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  FARAGLSHLMALSGQNVALLIGGLTLLLTRLPGQTLGRWRYPAMLLFLLGFLWLVGPSPSITRAVLMGMASLGALWAGRG  303
NTDB id 1311 DR RS09490 WP 010888489.1         FARAGLAHLMALSGQNVALLTGTLIWLLGWLGARPSWRYGLPAALL.PFYLLLLVGATPSITRAVLMGGVALLALMVGRG  319
consensus                                      !!!!!! !!!!!!!!!!!!! ! !  !!  !** *  !*  !! !!**   ! !!!**!!!!!!!!!!   ! !!  !!!

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  RLDLYGVLALTALVGLTWQPGWLFDLGFQLSYLAVLGLSLSGRAAALLPPRWPEPLRLALVGTVLAEVATLPLVAGSFGQ  383
NTDB id 1311 DR RS09490 WP 010888489.1         RPDPLGIVALTASACLLLFPLWLLDVGFQLSFLAVLGLLLSGKLADRLPQRWPQWLKLALAATVLAELATLPVIAHNFGQ  399
consensus                                      !*!* !**!!!!  *!   ! !! !*!!!!!*!!!!!! !!!* !  !!*!!! *!*!!! *!!!!!*!!!!**!* !!!

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  LPLVGLPANLLAELIMAALVPLGFVAGLLGPWSGPLQTINHLLLDALLGVAQTFGHAPVLPWGQVSAAGVAAYAVFALAG  463
NTDB id 1311 DR RS09490 WP 010888489.1         LPLVGLPANLLAAPIMAVLVPLGFLAGLLGPAGGLVNWAVAPLASALLWVAQTFGSAPVLGWGTLGAGGFLAYALAAVAG  479
consensus                                      !!!!!!!!!!!! *!!! !!!!!!*!!!!!!  !***   **!  !!! !!!!!!*!!!!*!! * !*!  !!!* !*!!

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  ALTLTGRLPLRSLALVTLLCVLGTALPGRLQLPREVVYLDVGQGDSTLLRLNGLEVLVDGGGTPRGDYDVGARTVVPALR  543
NTDB id 1311 DR RS09490 WP 010888489.1         MGWLLGRVRGQAALTIALACAALSWLPAQLRPARELVFLDVGQGDATLLRVPGLTMLVDGGGSVGSDYDVGRGTVLPALR  559
consensus                                         ! !!**      * ! !   * !!* ! **!!*!*!!!!!!! !!!!**!! *!!!!!!**  !!!!!  !!*!!!!
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logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  ALGVTRLNVVVATHADADHIEGLISVLQLMRVGELWVGQPKR..SDPLMGALIATAQTRHIPVREVRRGDHLQAGDLSLT   621
NTDB id 1311 DR RS09490 WP 010888489.1         ALGVRKLDVVVATHADTDHIEGLSSVLRGLPVGELWVGQLKKAGDDPVLDAVLTAARERNVPVRQIRRGDQVTAGPVKVT   639
consensus                                      !!!! *! !!!!!!!! !!!!!! !!!  **!!!!!!!!*!*** !!** !**  !  !**!!! *!!!!** !!** *!

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  VLWPQGAPWAAADNDNSVALRLDGPQFHTALLGDLPDPAEERLGVGRLDLLKLAHHGSRFSSSAAFLAETQPRAAIISVG   701
NTDB id 1311 DR RS09490 WP 010888489.1         ALWPVGNVWSTADNDNSVALRVEDGPFRAALLGDLPDPAEALIGPGHLTLLKAAHHGSRYSTGEVLLKQTKPKDVLISVG   719
consensus                                       !!! ! *!  !!!!!!!!!!** **!* !!!!!!!!!!!  *!*!*! !!! !!!!!!*!*    !  ! !*  *!!!!

logo
NTDB id 1010480 ABOD76 RS11015 WP 350244886.1  RNSYGHPNAAVLERLRQQGVQVWRTDELGTIRWPIP   737
NTDB id 1311 DR RS09490 WP 010888489.1         RNTYGHPTQAVLDRIAAAGAKVWRTDQVGTVRWPLP   755
consensus                                      !!*!!!!  !!!*!*   !  !!!!! *!!*!!!*!
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X non conserved

X similar

X $\geq$ 50% conserved