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logo
NTDB id 1141408 DQN79 RS09320 WP 041961427.1  .MPIYLPSAFCAGVLLSFALPAAP..PFWLFAVWAACAVPIL.RRFPRTAVFVLLTCAGTAYGVWRTEQALVARWPLERQ   76
NTDB id 1128 NGFG RS01490 WP 020997305.1      MFRRWFLPCWVVGVAVSFALSVVPHWPFWLAAF...AVLAVLARRFA.FAGLMLCVLAGAAYGVFRTEAALSSQWRAEAV   76
consensus                                     * * * ***** !! *!!!!*  !**!!!! ! **** ***!*!!!** !  *!* *!! !!!!*!!! !!   !* !

logo
NTDB id 1141408 DQN79 RS09320 WP 041961427.1  GEAVEMTVRAAGLAQDDGRRVRLEAEAETSGGRRYRVQLSDYQRREWPAGSVWRLKLKMRPPIGEENIGGFSREAWALAN  156
NTDB id 1128 NGFG RS01490 WP 020997305.1      .SGVPLTVEVTDMPRSDGRRVQFAAKAVDSGGRTFDLLLSDYKRREWAVGSRWRITARVHPVVGELNLRGLNREAWALSN  155
consensus                                     * *!**!!    **  !!!!!   ! !  !!!! * * !!!! !!!!* !! !!*  ***!**!! !* !  !!!!!! !

logo
NTDB id 1141408 DQN79 RS09320 WP 041961427.1  GIDASATAGAERQLLADRKNGFSDGLLRLRGRIRSSWQRLP..PEMADGAALMRALSIGEQDALSGGWWQVFRPLGLNHL  234
NTDB id 1128 NGFG RS01490 WP 020997305.1      GVGGVGTVGADRVLLHG...GSGWGIAVWRSRISRNWRQADADGGLSDGIGLMRALSVGEQSALRPGLWQAFRPLGLTHL  232
consensus                                     !* * *! !!*! !!* ***!   !*   ! !!   !   **** * !! *!!!!!!*!!! !! *! !! !!!!!! !!

logo
NTDB id 1141408 DQN79 RS09320 WP 041961427.1  ISVSGLHVGMVALLAAWLMKRLLLLLPAAPRRPRVWMLAAGAAAALVYSGLAGFAVPTLRSMLMIASVAAAWSLGGTASA  314
NTDB id 1128 NGFG RS01490 WP 020997305.1      VSISGLHVTMVAVLFAWLAKRLLACSPRLPARPRAWVLAAGCAGALFYALLAGFSVPTQRSVLMLAAFAWAWRRG.RLSA  311
consensus                                     *!*!!!!! !!!*! !!! !!!! * !  ! !!! !*!!!!*!*!! !  !!!! !!! !!*!!*!  ! !!  !*  !!

logo
NTDB id 1141408 DQN79 RS09320 WP 041961427.1  WRGWWAALALILLLDPSAALAAGSWLSFGLVAALLWADSCRTGGGKAWWISALRGQWAATLASLPAVGFLFSALPPASPL  394
NTDB id 1128 NGFG RS01490 WP 020997305.1      WATWWQALAAVLLFDPLAVLGVGTWLSFGLVAALIWACAGRLYEGKR..QTAVRGQWAASVLSLVLLGYLFASLPLVSPL  389
consensus                                     !  !! !!! *!! !! ! !* !*!!!!!!!!!!*!!* *!   !! ** *!*!!!!!!** !!* *!*!!  !!* !!!

logo
NTDB id 1141408 DQN79 RS09320 WP 041961427.1  ANAAAIPWFSWLLVPLALTASFFPFYPLQYAAAWLGQHTLHVLAAMAEFAPEWGLAAAPWPLLLSALAAVAVWLLPRGAA  474
NTDB id 1128 NGFG RS01490 WP 020997305.1      VNAVSIPWFSWVLTPLALLGSVVPFAPLQQAGAFLAEYTLRFLVWLADVSPEFAVAAAPLPLLVLAVCAALLLLPRGLG  469
consensus                                      !!  !!!!!!*! !!!! *!  !! !!! !*!*!* *!!* !  *!*  !!***!!!! !!!* !**!  * !!!!! *

logo
NTDB id 1141408 DQN79 RS09320 WP 041961427.1  LRPWAAVVLAGFLLYRPAPPKEGRLKMVVLDVGQGLAVYFQTASHHLLFDTGTAGAAQMQTLPALHAHGVRRLDTLLLSH  554
NTDB id 1128 NGFG RS01490 WP 020997305.1      LRPWAVLLLAGFVSYRPEAVPENEAAVTVWDAGQGLSVLVRTANRHLLFDTGTVAAAQTGIVPSLNAAGVRRLDKLVLSH  549
consensus                                     !!!!! **!!!!* !!! ***!    * ! ! !!!! !   !! *!!!!!!!! *!!!   *! !*!*!!!!!! !*!!!
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logo

NTDB id 1141408 DQN79 RS09320 WP 041961427.1  HDTDHDGGAPLIIRALKPREVLAGQPEFYGGLGPTQVQNCRTGRQWEWDGVHFELLAV.EGEAADDNARSCVLRAVAGGT   633
NTDB id 1128 NGFG RS01490 WP 020997305.1      HDSDHDGGFQAVG.KIPNGGIYAGQPEFYEGARH.....C.AEQRWQWDGVDFEFLRPSERKNIDDNGKSCVLRVVAGGA   622
consensus                                     !!*!!!!! * * * ***  * !!!!!!! !   *****!*    ! !!!!*!! ! **!    !!!**!!!!! !!!!

logo

NTDB id 1141408 DQN79 RS09320 WP 041961427.1  AFIVTGDLDIKGERKLLERYGQSLYSQALVLGHHGSSGSSSGAFLNAVSPDFAIASSGFGNSYRHPTAEVQNRVRAHGIR   713
NTDB id 1128 NGFG RS01490 WP 020997305.1      ALLVTGDLDTKGEESLVGKYGGNLYSQVLVLGHHGSNTSSSGVFLNAVSPEYAVASSGYANAYKHPTEAVQNRVRAHGIK   702
consensus                                     ! *!!!!!! !!!  !* *!!  !!!! !!!!!!!!  !!!! !!!!!!!**!*!!!!**! !*!!!  !!!!!!!!!!*

logo

NTDB id 1141408 DQN79 RS09320 WP 041961427.1  LLRTDHQGAWLLESDGQTVTARQWRPKRFYWQWKPLDD   751
NTDB id 1128 NGFG RS01490 WP 020997305.1      LLRTDLSGALQFGLGRGGVKAQRLRVYKFYWQKKPFE.   739
consensus                                     !!!!!* !!          ! !    !* *!!!! !! **
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X non conserved

X similar

X $\geq$50% conserved