```
logo
NTDB id 1027159 AB4P92 RS20315 WP 395598059.1  MIAEASHADSKQAQRLLRLYHLYRLSVGITLVLLISSNMDNRLLTSANDDLLRNGSWLYLVLNILLVVFLENTRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1      MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                      ! !!  *    !*!!*!!!!!!!!**!* !!!!!!! **  *!   ***! * !!!*!!! !!!* *!!***! * **!

logo

NTDB id 1027159 AB4P92 RS20315 WP 395598059.1  SLALVDVLMLCGLFYAAGGVASALGNLLIVSVAISNTLLRRRIGLLIAAIGAIGIVGLSFLLSFSHPLSANEYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1      ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                       !!! !!!!!!!!!!!*!!!*!**! !!*! !!! ! !!! !!!!*!!! * *!** !*! !! !*!   !*!*!!! !!

logo

NTDB id 1027159 AB4P92 RS20315 WP 395598059.1  ALCFAASLLVQGLVRRLEVSETLAEQTASKVVGLEALNALILQRMRTGILVLDEQRRVQLANHSAQTLLAQSHLQGHLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1      TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                       !!!!! !**!*!!!! ! *!!!!! !  !  !! !!!!!!!!!!!!!!!*!    * !!!* !  !! ! **!!* *

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NTDB id 1027159 AB4P92 RS20315 WP 395598059.1  DYSTALVERLQLWLNNPTLRPQSLKIPGNGLELQPSFIALEQSPNQQTLVFLEDLAQIAQQAQQLKLAALGRLTAGISHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1      RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                       *!* !**** !  !!*!!!**!!*** !* *!!!!! !   * !* !*!!!!* !!!!!!!!*!!!*!!!!!!!! !!

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NTDB id 1027159 AB4P92 RS20315 WP 395598059.1  IRNPLGAISHAAQLLGESEELDSADRRLTQIIQDHSQRMNRVIENVLQLSRRQQSAPQRLDLKPWLENFVTESRMQATER  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1      IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                      !!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!!*!!  !! ! *

logo

NTDB id 1027159 AB4P92 RS20315 WP 395598059.1  QKIHLRINSGDFATLMDPNQLTQILDNLLRNGWRHSAMLHDHAEVWLALFINPESQLAVLEVQDNGPGVPLDQQAHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1      SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                        *!! *  !!  ! !!!*!! !*! !!* !! !*!!  ! ** !!! !   !!! !*!!!* ! !!!!! !   *!!!!

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NTDB id 1027159 AB4P92 RS20315 WP 395598059.1  FFTTSSQGTGLGLYLSRELCESNQARLDFNPR.QGGGCFRITFAHGRKQS  529
NTDB id 1472 PAKAF RS23995 WP 016253893.1      FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                      !!!! ! !!!!!!!!!!!!!!!!!!!!*!* *!* !!!!!!!!!!!*!! !
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X non conserved
X similar
X $\geq$50% conserved