```
logo
NTDB id 997967 ABFB52 RS25020 WP 129972812.1  MIAEAENADSKQAQRLLRLYHLYRLSVGITLVLLISSNMDNRLLTSANDELLRNGSWLYLVLNILLVVFLENIRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1     MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                     ! !!        !*!!*!!!!!!!!!**!* !!!!!!! **  *!    **!! * !!!*!!! !!!* *!!** ! * **!

logo
NTDB id 997967 ABFB52 RS25020 WP 129972812.1  ALALVDILLLCGVFYAAGGVASAIGNLLIVSVAISNTLLRRRIGLLIAAVATLGIVGLSFLLSFSHPLSANDYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1     ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                      !!! !*!*!!!*!!!*!!!*!*!! !!*! !!! ! !!! !!!!*!!! !*!!** !*! !! !*!   !*!*!!! !!

logo
NTDB id 997967 ABFB52 RS25020 WP 129972812.1  ALCFAASLLVQGLIRRLEVSENLAELRASEVVGLEALNALILQRMRTGILVLDEQRRVQLANHSARILLGQTHLEGDLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1     TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                      !!!!! !**!*!*!! ! *! !!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!* !  !! ! ** !  *

logo
NTDB id 997967 ABFB52 RS25020 WP 129972812.1  DHSSALVERLQLWLNNPTLRPQSLKIAGNGLELQPSFIALEQSPNRQTLVFLEDLAQIAQQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1     RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                      !!* !**** !  !!*!!!**!!* * !* *!!!!! !   *  * !*!!!!* !!!!!!!!*!!!*!!!!!!!!!!!

logo
IRNPLGAISHAAQLLQESEELDGADRRLTQIIQDHSLRMNRVIENVLQLSRRQQSAPQRLDLKPWLEQFVSESREQAGER  400
IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
!!!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!!*!!  !! ! *

logo
NTDB id 997967 ABFB52 RS25020 WP 129972812.1  QHIHLHIGPGDFRTLMDPGQLTQILDNLLRNGWRHSALLHDPAEVWLTLSIDPESTLAVLEVQDNGPGVPLDQQAHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1     SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                      **!!**!*!!   ! !!!*!! !*! !!* !! !*!!   ! ** !!!*!  !!!! !*!!!* ! !!!!! !   *!!!!

logo
NTDB id 997967 ABFB52 RS25020 WP 129972812.1  FFTTSSQGTGLGLYLSRELCESNQARLDFKSR.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