```
logo
NTDB id 175303 AY071 RS26100 WP 041477807.1  MVAEAVNADQKQAQRLLRLYHLYRLSVGITLVLLISSNMDNRLLTSANDDLLRGGSWLYLIINMLLVVFLENTRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !! *     !*!!*!!!!!!!!!**!* !!!!!!! **  *!   ***! * !!!*!!* !*!* *!!***! * **!

logo

NTDB id 175303 AY071 RS26100 WP 041477807.1  TLALVDVLLLCGLFYAAGGVASALGNLLVVSVAISNTLLRRRIGLLIAAIAAIGIVGLSFLLGLSRPLSANAYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYACGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!!*!!!!!!!*!!!*!**! !!!! !!! ! !!! !!!!*!!! ! *!** !*! ! !! !   !*!*!!! !!

logo

NTDB id 175303 AY071 RS26100 WP 041477807.1  ALCFAASLLVQGLIRRLEVSETLAEQRASEVVSLEALNALILQRMRTGILVLDEQRRVQLANHSAQNLLGHSQLQGHLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!! !**!*!*!! ! *!!!!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!* !  !! *  *!!* *

logo

NTDB id 175303 AY071 RS26100 WP 041477807.1  EYSPALVERLQLWRNNPTLRPQSLKIPGNGLELQPSFIALEQSPNQQTLVFLEDLAQITQQAQQLKLAALGRLTAGISHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!! !**** !! !!*!!!**!!*** !* *!!!!! !   * !* !*!!!!* !! !!!!!*!!!*!!!!!!!! !!

logo

NTDB id 175303 AY071 RS26100 WP 041477807.1  IRNPLGAISHAAQLLAESEELDSADRRLTQIIQDHSQRMNRVIENVLQLSRRQQSAPQRLDLKPWLEDFVGETREQANER  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!!*!!  !! ! *

logo

NTDB id 175303 AY071 RS26100 WP 041477807.1  QHIHLRINSGDFTTLMDPNQLRQILDNLIRNAWRHSAQLHEQAEVWLALFVDPDSQLAVLEVQDNGPGVSADEQAHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     **!! *  !!   ! !!!*!! !*! !!* !* !*!!! !  * !!! !  !!*! !*!!!* ! !!!!*!!   *!!!!

logo

NTDB id 175303 AY071 RS26100 WP 041477807.1  FFTTSSQGTGLGLYLSRELCESNQARLDFKSR.QGGGCFCITFAHGRKQS   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