```
logo
NTDB id 354292 E4T63 RS23880 WP 135296951.1  MIAEAANADRKQAQRLLRLYHLYRLSVGITLVLLISSNMDNRLLTSADDDLLRSGSWLYLVLNILLVVFLENTRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !!        !*!!*!!!!!!!!!**!* !!!!!!! **  *!   ***! * !!!*!!! !!!* *!!***! * **!

logo

NTDB id 354292 E4T63 RS23880 WP 135296951.1  TLALVDVLLLCSLFYAAGGVASAIGNLLIVSVAIANTLLRRRIGLLIAAIGALGIVGSSFLLGFSHPLSANDYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!!*!! !!!!*!!!*!*!! !!*! !!!!! !!! !!!!*!!! * !!**  *! !  !*!   !*!*!!! !!

logo

NTDB id 354292 E4T63 RS23880 WP 135296951.1  ALCFAASLLVQGLIRRLEVSENLAEQRASEVTSLEALNALILQRMRTGILVLDEQRRVQLANHSAKNLLAQSHLEGHLIS  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!! !**!*!*!! ! *! !!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!* !  !! ! ** !* *

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NTDB id 354292 E4T63 RS23880 WP 135296951.1  DYSPALVERLQLWLSNPTLRPQSLKIPGNGLELQPSFIALDQSPNQQTLVFLEDLAQIAQQAQQLKLAALGRLTAGISHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!! !**** !  !!*!!!**!!*** !* *!!!!! !   * !* !*!!!!* !!!!!!!!*!!!*!!!!!!!! !!

logo

NTDB id 354292 E4T63 RS23880 WP 135296951.1  IRNPLGAISHAAQLLAESEELDSADRRLTQIIQDHSRRMNRVIENVLQLSRRQQSAPQRLDLKPWLEHFVAESREQASER  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*!*!!! !!!!!!!!!!! !  !! !!!!*!! *!! ! *

logo

NTDB id 354292 E4T63 RS23880 WP 135296951.1  QSIHLRINSGDFITLMDPDQLTQILDNLLRNGWRHSVLLHQQAEVWLALFVDPDSQLAVLEVQDNGPGVPSDQQAHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     *!! *  !!  ! !!!*!! !*! !!* !! !*!   !  * !!! !  !!*! !*!!!* ! !!!!! !   *!!!!

logo

NTDB id 354292 E4T63 RS23880 WP 135296951.1  FFTTSSQGTGLGLYLSRELCESNQARLDFKPR.QGGGCFRITFAHGRKQS   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS   530
consensus                                    !!!! ! !!!!!!!!!!!!!!!!!!!*!***!* !!!!!!!!!!!!*!! !
```

X non conserved
X similar
X $\geq$ 50% conserved