```
logo
NTDB id 43753 PSF113 RS55930 WP 014340266.1  MSAEASSPREKQAQRLLRLYHLYRLSIGITLVLLISSKLDNRLLEFANDDLLRSGSWLYLVLNILLVVFLENTRRPARLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !!    * ! !*!!*!!!!!!!!!*!!* !!!!!!! !*  *!    ***! * !!!*!!! !!!* *!!***! * **!

logo

NTDB id 43753 PSF113 RS55930 WP 014340266.1  GLALTDVLLLSWLFFAAGGVPSAIGNLLIVSVAIGNTLLRGRIGLLIAAVATLGIVGSSFFLGLSDANRPSSYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!!!!!!*!* !!*!*!!!!!*!! !!*! !!!*! !!!!!!!!*!!! !*!!**  *!!! !! *  * *!*!!! !!

logo

NTDB id 43753 PSF113 RS55930 WP 014340266.1  ALCFAAALVVQGLTRRLEASETLAEQRASEVIGLEALNALILQRMRTGILVLDRERRVQLANESALNLLGMHDLVGQQLD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!!!!**!*! !! ! *!!!!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!  !! !!  *!* !  !

logo

NTDB id 43753 PSF113 RS55930 WP 014340266.1  DYSTSLVERLQLWRNNPSLRPSSLTVTGTGLTLQPSFIALGHQDQQQILVFLEDLAQVAQQAQQLKLASLGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!* !**** !! !!!!!!**! ! * !*!*!!!! ! * ! !**!*!!!* !*!!!!!!*!!! !!!!!!!!!!!

logo

NTDB id 43753 PSF113 RS55930 WP 014340266.1  IRNPLGAISHAAQLLRESEELNDADRRLTQIIQDHSQRMNRVIENVLQLSRRQQTTPQRLDLRTWLDQFVRQARESMAEH  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!! !!!!!  *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!* !!  !!   *  *  *

logo

NTDB id 43753 PSF113 RS55930 WP 014340266.1  QHLHLSIDPGDYITLMDPDQLTQVLDNLLRNAWRHSAMAHEQAEAWLKLFIDPHSQLSTLDIIDNGPGVTPEQQAHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     *!!! * *!!  ! !!!*!! !!! !!* !* !*!! !!  *  !! !  !!*! !* !*!!! !!!!***   *!!!!

logo

NTDB id 43753 PSF113 RS55930 WP 014340266.1  FFTTSSQGTGLGLYLSRELCESNQARLDFKPR.QGGGCFRITFAHGRKQI   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS   530
consensus                                    !!!! ! !!!!!!!!!!!!!!!!!!!!*!***!* !!!!!!!!!!!!*!!
```

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