```
logo
NTDB id 66852 PBDP RS25410 WP 109756372.1   MSAETSSPREKQTQRLLRLYHLYRLSIGITLVLLISSKLDNRLLEFANDDLLRSGSWLYLVLNILLVVFLENTRRPARLFGLALT   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1   MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                   ! !!    * ! ! !!*!!!!!!!!!*!!* !!!!!!! !*  *!   ***! * !!!*!!! !!!* *!!***! * **! !!!!

logo
NTDB id 66852 PBDP RS25410 WP 109756372.1   DVLLLSWLFFAAGGVPSAIGNLLIVSVAIGNTLLRGRVGLLIAAVATIGIVGSTFFLGLSDSNRPSSYLQAGTLGALCFAAALLV   170
NTDB id 1472 PAKAF RS23995 WP 016253893.1   DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI   170
consensus                                   !!!*!* !!*!*!!!!!*!! !!*! !!!*! !!!!!*!!*!!! !**!**  !!!! !! *  * *!*!!! !! !!!!!!!**

logo
NTDB id 66852 PBDP RS25410 WP 109756372.1   QGLTRRLEASETLAEQRASEVIGLEALNALILQRMRTGILVLDRERRVQLANESALNLLGMHDLVGQRIDDYSVALVERLQLWLN   255
NTDB id 1472 PAKAF RS23995 WP 016253893.1   QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL   255
consensus                                   !*! !! ! *!!!!! !!  !  !! !!!!!!!!!!!!!!!*!   * !!!  !! !!  *!* !  *  *!* !**** !

logo
NTDB id 66852 PBDP RS25410 WP 109756372.1   NPSLRAQSLTISGTGLALQPSFIALGHNEQHQILVFLEDLAQVAQQAQQLKLASLGRLTAGIAHEIRNPLGAISHAAQLLRESEE   340
NTDB id 1472 PAKAF RS23995 WP 016253893.1   NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE   340
consensus                                   !!!!!***! * * !* *!!!!! ! * * ***!*!!!!* !*!!!!!!*!!! !!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!

logo
NTDB id 66852 PBDP RS25410 WP 109756372.1   LNDADRRLTQIIQDHSQRMNRVIENVLQLSRRQQTTPQRLDLRTWLEQFVRQAHESMAEHQQLHLSIDPGDYTTLMDPDQLTQVL   425
NTDB id 1472 PAKAF RS23995 WP 016253893.1   LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL   425
consensus                                   !  *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!* !!  !!      *  *  !!! * *!!  ! !!!*!! !!!

logo
NTDB id 66852 PBDP RS25410 WP 109756372.1   DNLLRNAWRHSAMAHEQAEAWLKLFIDPHSQLSTLDIIDNGPGVTPEQQAHLFEPFFTTSSQGTGLGLYLSRELCESNQARLDFK   510
NTDB id 1472 PAKAF RS23995 WP 016253893.1   SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR   510
consensus                                    !!* !* !*!! !!  *  !! !  !!*! !* !*!!! !!!!***   *!!!!!!!! ! !!!!!!!!!!!!!!!!!!!*!**

logo
NTDB id 66852 PBDP RS25410 WP 109756372.1   PR.QGGGCFRITFAHGRKQI   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1   NREEGGGCFRITFAHPRKLS   530
consensus                                   *!* !!!!!!!!!!!*!!
```

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