```
logo

NTDB id 40279 PSEBR RS25895 WP 003205701.1  MSAEASSPREKQAQRLLRLYHLYRLSIGITLVLLISSKLDNRLLEFANDDLLRSGSWLYLVLNILLVVFLENTRRPARLFGLALT   85
NTDB id 1472 PAKAF RS23995 WP 016253893.1   MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                   ! !!    * ! !*!!*!!!!!!!!!*!!* !!!!!!! !*  *!   ***! * !!!*!!! !!!* *!!***! * **! !!!!

logo

NTDB id 40279 PSEBR RS25895 WP 003205701.1  DVLLLSWLFFAAGGVPSAIGNLLIVSVAIGNTLLRSRVGLLIAAVATIGIVGSTFFLGLSDSNRPSSYLQAGTLGALCFAAALLV  170
NTDB id 1472 PAKAF RS23995 WP 016253893.1   DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI  170
consensus                                   !!!*!* !!*!*!!!!!*!! !!*! !!!*! !!! !*!!*!!! !**!**  !!!! !! *  * *!*!!! !! !!!!!!!**

logo

NTDB id 40279 PSEBR RS25895 WP 003205701.1  QGLTRRLEASETLAEQRASEVIGLEALNALILQRMRTGILVLDRERRVQLANESALNLLGMHDLVGQRIDDYCTALVERLQLWLN  255
NTDB id 1472 PAKAF RS23995 WP 016253893.1   QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL  255
consensus                                   !*! !! ! *!!!!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!  !! !!  *!* !  *  *** !****  !

logo

NTDB id 40279 PSEBR RS25895 WP 003205701.1  NPSLRPPSLTVTGTGLTLQPSFIALGHHDQQQLLVFLEDLAQVAQQAQQLKLASLGRLTAGIAHEIRNPLGAISHAAQLLRESEE  340
NTDB id 1472 PAKAF RS23995 WP 016253893.1   NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE  340
consensus                                   !!!!!!!*! ! * !*!*!!!!! ! **! !**!*!!!!* !*!!!!!!*!!! !!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!

logo

NTDB id 40279 PSEBR RS25895 WP 003205701.1  LNNADRRLTQIIQDHSQRMNRVIENVLQLSRRQQTTPQRLDLRTWLDQFVRQARESMAEHQHLHLSIDPGDYTTLMDPDQLTQVL  425
NTDB id 1472 PAKAF RS23995 WP 016253893.1   LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL  425
consensus                                   !  *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!* !!  !!   *  *  * *!!! * *!!  ! !!!*!! !!!

logo

NTDB id 40279 PSEBR RS25895 WP 003205701.1  DNLLRNAWRHSAMTHEQAEAWLKLFIDPHSQLSTLDIIDNGPGVTPEQQAHLFEPFFTTSSQGTGLGLYLSRELCESNQARLDFK  510
NTDB id 1472 PAKAF RS23995 WP 016253893.1   SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR  510
consensus                                    !!* !* !*!!  !  *  !! !  !!*! !* !*!!! !!!!***   *!!!!!!!! ! !!!!!!!!!!!!!!!!!!!*!**

logo

NTDB id 40279 PSEBR RS25895 WP 003205701.1  PR.QGGGCFRITFAHGRKQI   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1   NREEGGGCFRITFAHPRKLS   530
consensus                                   *!* !!!!!!!!!!!*!!
```

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