```
logo
NTDB id 973746 AABM55 RS03660 WP 347928853.1  MIAEISSPGDKQAQRLLRLYHLYRLSIGLLLVLLISSNMDNQLLEFTNDDLLRNGSWLYLILNILLVVFAGNPRQPAQIF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1     MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                     ! !!    * * !*!!*!!!!!!!!!*!!!*!!!!!!! ** !*!    ***! * !!!*!!* !!!* *! ***!!* *!!

logo
NTDB id 973746 AABM55 RS03660 WP 347928853.1  GLTLVDILLLSALFYAAGGVPSAIGNLLIVSVAIGNTLLRRRIGLLLAAVAAIGIISLTFSLSGSHPTGANHYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1     ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                      ! ! !*!*!**!!!!*!!!!!*!! !!*! !!!*! !!! !!!!**!! ! *!** !!! !! !*! * !!!*!!! !!

logo
NTDB id 973746 AABM55 RS03660 WP 347928853.1  ALCFAAALVVQGLTRQLEVSESLAQQRASEVVSLEALNALILQRMRTGILVLDSERRVQLANHSALSLFGQTHLDGQLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1     TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                      !!!!!!!**!*! !   ! *!*!!  !!  !  !! !!!!!!!!!!!!!!!*!!   * !!!* !! !  ! ** !  *

logo
NTDB id 973746 AABM55 RS03660 WP 347928853.1  DYSTALVERLQLWLNNPTLRPQSLKVARTGLELQPSFIALGLNEQRQTLVFLEDLAQVAQQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1     RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                      *!* !**** !  !!*!!!**!!! * !* *!!!!! !   *  * !*!!!!* !*!!!!!!*!!!*!!!!!!!!!!!

logo
NTDB id 973746 AABM55 RS03660 WP 347928853.1  IRNPLGAISHAAQLLNESEELIGADRRLTQIIQDHSQRMNRVIENVLQLSRRQQVVPQRLDLKQWLEQFVCTVREGATDR  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1     IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                     !!!!!!!!!!!!!!!*!!!!! **!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!! !!  !!*  *

logo
NTDB id 973746 AABM55 RS03660 WP 347928853.1  QQIHLNAGPGPFTTLIDPDQLTQVLDNLLRNAWRHSALAHEQAEVWLTLFIDPDSQLPTLDVLDNGPGVSAEQQAHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1     SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                      *!!* !*!*  ! *!!*!! !!! !!* !* !*!! !!  * !!!*!  !!*! !! !***! !!!!*!*   *!!!!

logo
NTDB id 973746 AABM55 RS03660 WP 347928853.1  FFTTSSQGTGLGLYLSRELCESNQARLDFKPR.QGGACFRITFAHGRKQS  529
NTDB id 1472 PAKAF RS23995 WP 016253893.1     FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                     !!!! ! !!!!!!!!!!!!!!!!!!!!*!***!* !!*!!!!!!!!*!! !
```

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