```
logo
NTDB id 258686 CXB48 RS18800 WP 108242334.1  MGTENLTFFGDQGRRILRLYHLYRLTIGLALVLLISSDLHNDLLQMSNPQLFQYGAWLYLILNIIVAVLVQSPKRDLPVL   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    !  ! !    *!! !!!!!!!!!!!!!!! !!!!!!!*!*  *! * *! !!* ! !*!!* !!*!!* *****  !!*

logo
NTDB id 258686 CXB48 RS18800 WP 108242334.1  SLALMDVILLSGLFYFGGGTPSGIGNLLIVAVAIANILLRGRVGFFIAAVAATGLIYLTFYLSISRSEASSQYVQAGALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!**!*!!!! !!! !!!!! !!*!!!!!!!!!!!!!*!  !!! !  !!*!!!!*!!*! **!* *!!!!!*!!

logo
NTDB id 258686 CXB48 RS18800 WP 108242334.1  TLCFAAAFLVQGLTRRLQVSETLARQRAEEVANLEALNALILQRMRTGIMVLDPQERVLLANQGALQLLGQESLAGERLA  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                    !!!!!!! **!*! !!   *!!!!  !!! !!!!! !!!!!!!!!!!!!*!*!*   *!!!!!*!! !! !* * !  !*

logo
NTDB id 258686 CXB48 RS18800 WP 108242334.1  PRCPELVKALQHWRGNPTLRPPNLKATPGGPTLQPSFAALQHGNKLDTLVFLEDISQIAQKAQQLKLASLGRLTASIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                    ***! !**** *!! !!*!!!! !!  ! !!!*!!!!  !**    * !*!!!!!!!!! !!!*!!! !!!!!! !!!!

logo
NTDB id 258686 CXB48 RS18800 WP 108242334.1  IRNPLGAISHAAQLLQESEELDGPDRRLAQIIQDHSRRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFVSEFRQGLSPQ  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!*!!!!! !!!!!*!*!!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!! !**  ! *

logo
NTDB id 258686 CXB48 RS18800 WP 108242334.1  QTVHLETIGSSLQTRMDPNQLTQVLTNLVQNGLRYSGKEHDRAQVWLRLFRDEASDLPVVEVLDDGPGIAAEQLHNVFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                      *!!   *  *!!!!!!*!! !!!*!!!!!!!!!!*  ! !*!!!! ! !!* !!!!!*!**!!!!**!* !*!*!!!

logo
NTDB id 258686 CXB48 RS18800 WP 108242334.1  FFTTESKGTGLGLYLSRELCESNQARLDYRERAEGGSCFRIVFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !!!!!!!!!!!!!!*!!!!!!!!!!!*!!!  ! !!! !!!! !!!!!!!!
```

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