```
logo
NTDB id 315711 D3880 RS18965 WP 218567583.1  MIAEPLLLSSAQGQRILRLYNLYRLIIGLALVLLISSELDDQLLELVNAPLFRYGSWLYLIINVLVAALLQRPQHLLPVF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !!*! !!  !!!!!!!!!*!!!! !!! !!!!!!!!!*!!*! !!***!!* !!!*!!* !*!!!  !*** *!!!*!

logo
NTDB id 315711 D3880 RS18965 WP 218567583.1  SLALVDVLLLACLFYAGGGTPSGIGNLLIVAVAIANILLRGRIGLLIAAVAAIGLIYLTFYLSLSRPAAATQYVQAGALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!!*!**!!!!!!! !!!!! !!*!!!!!!!!!!!!!!!!!*!!! ! *!!*!!!!*!!!! ! !  *!!!!!*!!

logo
NTDB id 315711 D3880 RS18965 WP 218567583.1  ALCFAAALFVQGLSRRLQHSESLAEQRAADVANLEALNEQILQRMRTGILVLDSQHRVLLANQGAQTLLGRDALAGKILD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!!!! *!*! !!  **!*!!! !!  !!!!! !!  !!!!!!!!!!!*!! * *!!!!!*!  !!  ! * !  !

logo
NTDB id 315711 D3880 RS18965 WP 218567583.1  PHCPELVKRLQQWCHNPTLRPSSLQTQPHGPALQPSFVPLQRGTQQHTLVFLDDISQIAQQAQQLKLVALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                    *!*! !**** !!**!!*!!!**!   !*!! *!!!!**!*!   !! !*!!*!!!!!!!!!!!*!! *!!!!!!!!!!!

logo
NTDB id 315711 D3880 RS18965 WP 218567583.1  IRNPLGAISHAAQLLQESEDLQGPDQRLAQIIQDQSRRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFAGEFRNTLPHT  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!!!!!!*! *!! !! !!!!!!!*!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!  !**  !**

logo
NTDB id 315711 D3880 RS18965 WP 218567583.1  QQLHVETGGGTLQTRMDPNQLTQVLTNLVQNGLRYSAQRNPYGQVWLKLFRDADSDLPVLEVLDDGPGVPAEQVQHIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     !!*  !*! *!!!!!!*!! !!!*!!!!!!!!!!!!! ** !!!!! ! !!**!!!!!!!**!!!!!!!!* ****!!!

logo
NTDB id 315711 D3880 RS18965 WP 218567583.1  FYTTENKGTGLGLYISRELCESNQARLDYKPREGGGSCLRITFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !*!!! !!!!!!!!*!!!!!!!!!!!*!!**!! !! ! !!!!!!!!!!!
```

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