```
logo
NTDB id 278670 C7A17 RS04875 WP 106736963.1  MTADLSVQGSPQGRRILRLYHFYRLSIGLALILLISSNLDEQLLDVVHIELFRTGSWVYLILNILIAVLVQRPKHLMQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !*      *!! !!!!!!! !!!*!!! !*!!!!! !**!*! *!!*!!!* !!!*!!* !!!*!* ******!***!

logo
NTDB id 278670 C7A17 RS04875 WP 106736963.1  SLALVDVIFLSALFYAAGGTPSGIGNLLVVAVAIANILLRGRIGLLIAAIAAIAMIYLTFYLSLSRPAAAAQYVQAGALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!* !**!!!!*!! !!!!! !!!!!!!!!!!!!!!!!!!*!!! ! ****!!!!*!!!! ! !  *!!!!!*!!

logo
NTDB id 278670 C7A17 RS04875 WP 106736963.1  ALCFAGALFIQGITRRLQVSESLAEQRAADVANLEELNEQILQRMRTGILVLDTQHRVLLANQGATQLLGRGELSGKIID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!*!! !!** !!   *!*!!! !!  !!!!!!!! !!!!!!!!!!!!*!* * *!!!!!*!  !!   ** !  *

logo
NTDB id 278670 C7A17 RS04875 WP 106736963.1  PHCPELVKRLQQWLHNPTLRPDSLQAQVDGPVLQPSFISLQRGDQQHTLVFLDDISQIAQQAQQLKLASLGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                    *!*! !**** !! *!!*!!!**!   *!!! *!!!!!!!*! ! !! !*!!*!!!!!!!!!!!!*!!! !!!!!!!!!!!

logo
NTDB id 278670 C7A17 RS04875 WP 106736963.1  IRNPLGAISHAAQLLQESEDLQGPDQRLAQIIQDHSKRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFASEFRNSAPND  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!!!!!!*! *!! !! !!!!!*!!!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!  !**   *!!

logo
NTDB id 278670 C7A17 RS04875 WP 106736963.1  RQIHLETQGGSLQTRMDPHQLTQVLTNLVQNGLRYSAQKHRLGQVWLRLFRDEASDLPVLEILDDGPGVPPELLEQHIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                      *!!   *! *!!!!!!!!! !!!*!!!!!!!!!!!! !  !!!!! ! !!* !!!!!!!!*!!!!!!!**  ***!!!

logo
NTDB id 278670 C7A17 RS04875 WP 106736963.1  FYTTENKGTGLGLYISRELCQGNQARLDYKPREGGGSCFRITFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !*!!! !!!!!!!!!*!!!!!  !!!!*!!**!! !! !!!!!!!!!!!!!
```

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