```
logo
NTDB id 974702 AABC73 RS24380 WP 341521300.1  MIAEALSLGSPQAQRILRLYHLYRLTIGIMLVLLISSGMDTELLEFVNPSLFRAGCWLYLVFNILVVVLLDRPGHKAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1     MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                     ! !! ! !   *!*!!!!!!!!!!!!!!!**!!!!!!! **  *!  !*! !!* !*!*!!!!!!!! * !*** *  **!

logo
NTDB id 974702 AABC73 RS24380 WP 341521300.1  ALAMADAIMLSGLFYAAGGPPSGIGNLLIASVAISNVLLRGRTGVVIAAVSAIGIIYLTFYISFSSPSAASHYVQAGSLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1     ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                      !!* ! *!!*!!!!!*!!*!!!!! !!*  !!! !*!!!!! !*!!!!   *!**!!!!**! !!! !  !!!!!! !!

logo
NTDB id 974702 AABC73 RS24380 WP 341521300.1  ALCFAAALMVQALTRRLHISEVLAEQRATDVHNLEELNALILQRMRTGILVLDARRQVVLANQSALILLGHENLLGETID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1     TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                      !!!!!!!**!!! !! * *! !!! !!  !*!!!!!!!!!!!!!!!!!!!*! !  **!!!! !! !! ** * ! **

logo
NTDB id 974702 AABC73 RS24380 WP 341521300.1  SYSPQLVTRFRQWLINPVLVPQSISTSAIGPILRPTFVALNRGEQRQTLIFLEDLSQISQQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1     RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                      *!! !*** *!! *!! ! !***   * !! * !*!* !!! *  * !!!!!!*!!! !!!!!*!!!*!!!!!!!!!!!

logo
NTDB id 974702 AABC73 RS24380 WP 341521300.1  IRNPLGAISHAAQLLHESEALEGGDRRLNQIIQDQSLRMNRVIENVLQLSRRRQAEPQMLDLKAWLEQFVAEAHSSEAPN  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1     IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                     !!!!!!!!!!!!!!!*!!! !***!!!! !!!!!!! !!! !!!!!!!!!!!!!!!!! !!!! !!  !! !       *

logo
NTDB id 974702 AABC73 RS24380 WP 341521300.1  QTIHLDIAAAPLVTRMDPEQLTQVLSNLLQNGLRYSGKQHAHAQVWLRLFQDPRSELPVLEVLDDGPGVADEHLSKLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1     SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                      *!!  **!*** !!!!!*!! !!!!!!*!!!!!!!*  !***!!!! !  !! !*!!!!!**!!!!!!* **!  !!!!

logo
NTDB id 974702 AABC73 RS24380 WP 341521300.1  FYTTESKGTGLGLYLSRELCESNQAQLDYTFREGGGSCLRITFAHPLKLS   530
NTDB id 1472 PAKAF RS23995 WP 016253893.1     FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS   530
consensus                                     !*!!!!!!!!!!!!!!!!!!!!!!!!! *!!  !! !! ! !!!!!!! !!!
```

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