```
logo
NTDB id 988528 AAG685 RS07490 WP 406668446.1  MIAESSVQDSKQGQRILRLYHFYRLSIGLALILLISSNLDEQLLDVVHIELFRTGSWAYLILNILIAVLVQKPKHLMQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1     MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                     ! !!        !!!!!!!!!! !!!*!!! !*!!!!! !**!*! *!!*!!!* !!!*!!* !!!*!* ******!***!

logo
NTDB id 988528 AAG685 RS07490 WP 406668446.1  SLALVDVIFLSALFYAAGGTPSGIGNLLVVAVAIANILLRGRIGLLIAAIAAMALIYLTFYLSLSRPAAAAQYVQAGALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1     ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                      !!! !!* !**!!!!*!! !!!!! !!!!!!!!!!!!!!!!!!!!*!!! ! **!*!!!!*!!!! ! !  *!!!!!*!!

logo
NTDB id 988528 AAG685 RS07490 WP 406668446.1  ALCFAGALFIQGITRRLQMSENLAEQRAADVANLEELNEQILQRMRTGILVLDTQHRVLLANQGATQLLGRSELSGKIID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1     TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                      !!!!*!! !!** !!   *! !!! !!  !!!!!!!!  !!!!!!!!!!!*!* * *!!!!!*!  !!   ** !  *

logo
NTDB id 988528 AAG685 RS07490 WP 406668446.1  PHCPELVKRLQQWLHNPTLRPDSLQVQVDGPVLQPSFISLQRGDQQHTLVFLDDISQIAQQAQQLKLASLGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1     RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!*! !**** !! *!!*!!**! ! *!!! *!!!!!!!*! ! !! !*!!*!!!!!!!!!!*!!! !!!!!!!!!!!

logo
NTDB id 988528 AAG685 RS07490 WP 406668446.1  IRNPLGAISHAAQLLQESEDLQGPDQRLAQIIQDHSKRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFASEFRSSAPSD  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1     IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                     !!!!!!!!!!!!!!!!!!!*! *!! !! !!!!!*!!!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!   !**   * !

logo
NTDB id 988528 AAG685 RS07490 WP 406668446.1  RQIHLETQGGSLQTRMDPHQLTQVLTNLVQNGLRYSAQKHRLGQVWLRLFRDATSDLPVLEILDDGPGVPPELEQHIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1     SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                       *!!    *! *!!!!!!!!! !!!*!!!!!!!!!!!! !  !!!!! ! !!* !!!!!!!!*!!!!!!!**   ***!!!

logo
NTDB id 988528 AAG685 RS07490 WP 406668446.1  FYTTENKGTGLGLYISRELCQSNQARLDYKPREGGGSCFRITFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1     FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                     !*!!! !!!!!!!!*!!!!! !!!!!*!!**!! !! !!!!!!!!!!!!!
```

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