```
logo
NTDB id 363549 FE254 RS05260 WP 090427103.1  MTADLSVQGSTQGRRILRLYHFYRLSIGLALILMISSNLDEQLLDVVHIDLFRTGSWVYLILNIFIAVLVQKPKHLMQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !*        !! !!!!!!! !!!*!!! !*!*!!! !**!*! *!!**!!* !!!*!!* !! *!* ******!***!

logo
NTDB id 363549 FE254 RS05260 WP 090427103.1  SLALVDVIFLSALFYAAGGTPSGIGNLLVIAVAIANILLRGRIGLLIAAIAAMALIYLTFYLSLSRPAAAAQYVQAGALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!* !**!!!!*!! !!!!! !!!*!!!!!!!!!!!!!!!!*!!! ! **!*!!!!*!!!! ! !  *!!!!!*!!

logo
NTDB id 363549 FE254 RS05260 WP 090427103.1  ALCFAGALFIQGITRRLQVSESLAEQRAADVANLEELNEQILQRMRTGILVLDTQHRVLLANQGATQLLGRGELTGKIID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!*!! !!** !!   *!*!!! !!  !!!!!!!! !!!!!!!!!!!!*!* * *!!!!!*!  !!   ** !  *

logo
NTDB id 363549 FE254 RS05260 WP 090427103.1  PHCPELVKRLQQWLHNPTLRPDSLQAQADGPMLQPSFISLQRGEQQHTLVFLDDISQIAQQAQQLKLASLGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                    *!*! !**** !! *!!*!!**!   *!!! *!!!!!!!*! * !! !*!!*!!!!!!!!!!!*!!! !!!!!!!!!!!

logo
NTDB id 363549 FE254 RS05260 WP 090427103.1  IRNPLGAISHAAQLLQESEDLQGPDQRLAQIIQDHSKRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFASEFRSSAPAD  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!!!!!!*! *!! !! !!!!!*!!!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!  !**   * !

logo
NTDB id 363549 FE254 RS05260 WP 090427103.1  RQIHLETQGGSLQTRMDPHQLTQVLTNLVQNGLRYSAQKHRLGQVWLRLFRDEVSDLPVLEVLDDGPGVPPEQEQHIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     *!!   *! *!!!!!!!!! !!!*!!!!!!!!!!!! !  !!!!! ! !!* !!!!!!!**!!!!!!!**  ***!!!

logo
NTDB id 363549 FE254 RS05260 WP 090427103.1  FYTTENKGTGLGLYISRELCQGNQARLDYKPREGGGSCFRITFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !*!!! !!!!!!!!!*!!!!!  !!!!*!!**!! !! !!!!!!!!!!!!!
```

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