```
logo
NTDB id 1011049 ABS648 RS06095 WP 021219359.1  MSAEAPALGSQPARRIFRLYNIYRLLIGLALVGLISSELDSELLDLARAQLFRNACWFYLLLNILIALMVRHPKHMLQVF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1      MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                      ! !! * !   ** !! !!!**!!! !!! !! !!!!!!*  *! ! ** !!* **!*!!* !!!*!! ** ****!**!

logo
NTDB id 1011049 ABS648 RS06095 WP 021219359.1  SLALVDVILLSCLFYAAGGTPSGIGNLVIVAVAIANILLRGRVGLLIAAVAAIGMIYLTFYLSLSRPEAASQYVQAGALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1      ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                       !!! !!**!**!!!!*!! !!!!! !**!!!!!!!!!!!!!!*!!*!!! ! *!**!!!!*!!!! !*!  *!!!!!*!!

logo
NTDB id 1011049 ABS648 RS06095 WP 021219359.1  ALCFAAALFVQGISKRLQLSETLAEKRAADVANLEALNALILQRMRTGILVLDPQHRVILANQGALTLLGREDLAGKVLD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1      TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                       !!!!!!! *!** *!   *!!!!! !!  !!!!! !!!!!!!!!!!!!!!*!* * **!!!!*!! !!  *!* !  !

logo
NTDB id 1011049 ABS648 RS06095 WP 021219359.1  PQSPELVKRLQQWLDNPTLRPQSLQAVAEGPVLQPSFVSLQRGEQRDTLIFLDDISQIAQQAQQLKLASLGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1      RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                      **!! !**** !!  !!*!!!**!  !**!! *!!!!*!!*! *  * !!!!*!!!!!!!!!!!*!!! !!!!!!!!!!!

logo
NTDB id 1011049 ABS648 RS06095 WP 021219359.1  IRNPLGAISHAAQLLQESEELSGPDQRLAQIIQDQSRRMNLVIENVLQLSRRRQAEPQLLDLKYWLHRFASEFRNASGPG  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1      IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                      !!!!!!!!!!!!!!!!!!!!! *!! !! !!!!!!!*!!!!!!!!!!!!!!!!!!!!! !!!! !!*!!  !**    *

logo
NTDB id 1011049 ABS648 RS06095 WP 021219359.1  QTLHIETNSGTIQTRMDPHQLTQVLTNLVQNGLRYSSQKNKVGQVWLKLFRDPESDLPVLEVMDDGAGVPAEQVQHIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1      SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                        !!*    ! !!!!!!!!!! !!!*!!!!!!!!!! ! *  !!!!! ! !!!!!!!!!!!**!!!*!!!!* ****!!!

logo
NTDB id 1011049 ABS648 RS06095 WP 021219359.1  FYTTENKGTGLGLYLSRELCESNQARLDYRPRETGGSCFRITFAHPRKLS  530
NTDB id 1472 PAKAF RS23995 WP 016253893.1      FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                      !*!!! !!!!!!!!*!!!!!!!!!!!*!!!!*!! !! !!!!!!!!!!!!!
```

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