```
logo
NTDB id 226941 B9K09 RS18310 WP 087518167.1  MVNDALALGGTQGIRILKLYHLYRLIIGLLLVLLISSEMDVELLEMTHATLFRNISWFYLIFNVLVTLAVQQPKRSMQVV   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    !  * ! !   !! !!!*!!!!!!! !!!*!!!!!!!!** *! * !* !!*  !!*!!*!!*!! ! *****  ***

logo

NTDB id 226941 B9K09 RS18310 WP 087518167.1  SLAMVDVILLSCLFYAAGGTPSGIGNLLIVAVAISNILLRGRIGIFIAATAAVGLIYLTFYLSLSRPAAVSQYIQAGALG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!* !!**!**!!!!*!! !!!!! !!*!!!!! !!!!!!!!!* !!! ! *!!*!!!!*!!!! ! !  *!*!!!*!!

logo

NTDB id 226941 B9K09 RS18310 WP 087518167.1  ALCFAAALFVQGITRRLHNSEQLASARAADVASLEILNALIIERMRTGILVLDNMHRVLLANHGALTLLGSDGLAGKILD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!!!! *!** !! ***! !!  !!  !! !! !!!!!* !!!!!!!!*!  * *!!!!**!! !!  ! * !  !

logo

NTDB id 226941 B9K09 RS18310 WP 087518167.1  PHTPELVKRLQQWRQNPAMRPASLQAFADGPIVQPSFVALQRGQQRHILVFLEDISQIAQQAQQLKLASLGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                    *!*! !**** !!! !! *!!**!   *!!! !!!!!* !*!    !*!*!!!!!!!!!!!!!!*!!! !!!!!!!!!!!

logo

NTDB id 226941 B9K09 RS18310 WP 087518167.1  IRNPLGAISHAAQLLQESEELTQPDQRLAQIIQDHSHRMNLVIENVLQLSRRRQSEPQLLDLKYWLHRFASEFRSTMPAN  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!!!!!!!!!  !! !! !!!!!*!*!!!!!!!!!!!!!!!!! !!! !!!! !!*!!  !**  **

logo

NTDB id 226941 B9K09 RS18310 WP 087518167.1  QTLHLDTQVGTIHTRMDPNQLTQVLSNLVQNGLRYSAQKNPRGQVWLQLFREPDRDLPVLEILDDGPGVSPEQNQNIFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     !!!     ! !*!!!!!*!! !!!!!!!!!!!!!!!! **!!!!!! ! !*!* !!!!!!!*!!!!!!***  *!*!!!

logo

NTDB id 226941 B9K09 RS18310 WP 087518167.1  FFTTEAKGTGLGLYISRELCESNQAHIDYKPREEGGSCFRITFAHASKLSLQ  532
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS..  530
consensus                                    !!!!! !!!!!!!!*!!!!!!!!!!*!!!**!!!!! !!!!!!!!* !!!**
```

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