```
logo
NTDB id 332989 ELQ88 RS06305 WP 138964202.1  MTAETSSPGSKQAQRLLRLYHLYRLSVGLTLVLLISSNMDNQLLKFANDDLLRTGSWLYLILNILLVVFLENTRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !!   *   !*!!*!!!!!!!!!**!! !!!!!!! ** !*!!  ***! * !!!*!!* !!!* *!!***! * **!

logo
NTDB id 332989 ELQ88 RS06305 WP 138964202.1  SLALTDVLLLCGLFYAGGGVASAIGNLLIVSVAISNTLLRRHIGLLIAAVGALGIVGLSLLISFSHPTSPNDYLQVGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!!!!!!*!!!!!!!!!!!*!*!! !!*! !!! ! !!! *!!!*!!! * !!** !*  *! !*!  *!*!*! ! !!

logo
NTDB id 332989 ELQ88 RS06305 WP 138964202.1  ALCFAAALVVQGLMRRLEVSESLAEQRASEVVGLEALNALILQRMRTGILVLDDQRRVQLANHGALTLLGQDGLEGHLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!!!!**!*!*!! ! *!*!!! !!  !  !! !!!!!!!!!!!!!!!*!    * !!!**!! !! !! * !* *

logo
NTDB id 332989 ELQ88 RS06305 WP 138964202.1  DYSPTLVERLQLWRNNPTLRPQSIKVDGSGLELQPSFIALDQSPHYQILVFLEDLAQIAQQAQQLKLAALGRLTAGIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!! !**** !! !!*!!!***!! * !* *!!!!! !   ** **!*!!!!* !!!!!!!!*!!!*!!!!!!!!!!!

logo
NTDB id 332989 ELQ88 RS06305 WP 138964202.1  IRNPLGAISHAAQLLHESEELNGADRRLTQIIQDHSQRMNRVIENVLQLSRRQQTVAHRLDLKPWLEQFVAETRERATTR  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!!*!!!!! **!!!!!!!!!!*! !!! !!!!!!!!!!! !  ** !!!!*!!  !! ! * !

logo
NTDB id 332989 ELQ88 RS06305 WP 138964202.1  QQIHLHIGSGDFKTLMDPNQLTQILDNLVRNGWRHSIQVHDQAQVWLELFVDRDSQLPILEVRDDGTGVAPDHQAQLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     *!!**! !!  ! !!!*!! !*! !!! !! !*! ! !  *!!!! !  !**! !!*!!* !!!*!!**!*  *!!!!

logo
NTDB id 332989 ELQ88 RS06305 WP 138964202.1  FFTTSTQGTGLGLYLSRELCESNQARLDFKPR.QGGGCFRITFAHGRKQS  529
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !!!! * !!!!!!!!!!!!!!!!!!!!*!***!* !!!!!!!!!!!!*!! !
```

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