```
logo
NTDB id 239238 CCX46 RS26075 WP 127930454.1  MIAEATHADSKQAQRLLRLYHLYRLSVGITLVLLISSNMDNRLLTSANDELLRGGSWLYLILNILLVVFLENTRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !!  *    !*!!*!!!!!!!!!**!* !!!!!!! **  *!   **!! * !!!*!!* !!!* *!!***! * **!

logo

NTDB id 239238 CCX46 RS26075 WP 127930454.1  SLALVDVLLLCGVFFAAGGVGSALGNLLIVSVAISNTLLRRRIGLLIAAIGALGIVGSSFLLSFNHPLSANEYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!!*!!!*!*!*!!!*!**! !!*! !!! ! !!! !!!!*!!! * !!**  *! !!  *!   !*!*!!! !!

logo

NTDB id 239238 CCX46 RS26075 WP 127930454.1  ALCFAASLLVQGLIRRLEVSETLAEQRASEVVGLEALNALILQRMRTGILVLDEERRVQLANHSAQTLLAQSHLQGHLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!! !**!*!*!! ! *!!!!! !!  !  !! !!!!!!!!!!!!!!!!*!    * !!!* !  !! ! **!!* *

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NTDB id 239238 CCX46 RS26075 WP 127930454.1  DYSSALVDRLQLWMNNPTLRPQSLKIPDNGLELQPSFIALEQSPNQQTLVFLEDLAQIAQQAQQLKLAALGRLTAGISHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!* !**** !  !!*!!!**!!*** !* *!!!!! !   * !* !*!!!!* !!!!!!!!*!!!*!!!!!!!! !!

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NTDB id 239238 CCX46 RS26075 WP 127930454.1  IRNPLGAISHAAQLLGESEELDSADRRLTQIIQDHSQRMNRVIENVLQLSRRQQSAPQRLDLKPWLENFVAESREQAGER  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!!*!!  !! ! *

logo

NTDB id 239238 CCX46 RS26075 WP 127930454.1  QQIHLRINSGDFTTLMDPNQLTQILDNLLRNGWRHSALLHDQAEVWLALFTDPDSQLAILEVQDNGPGVPADEQTHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     *!! *  !!  ! !!!*!! !*! !!* !! !*!!  !  * !!! !  !!*! !**!!* ! !!!!!!!   *!!!!

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NTDB id 239238 CCX46 RS26075 WP 127930454.1  FFTTSSQGTGLGLYLSRELCESNQARLDFQSR.QGGGCFRITFAHGRKQS   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS   530
consensus                                    !!!! ! !!!!!!!!!!!!!!!!!!!!*!*  !* !!!!!!!!!!!!*!! !
```

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