```
logo
NTDB id 275804 C2E19 RS25335 WP 129396177.1  MIAEAANADSKQAQRLLRLYHLYRLSVGITLVLLISSNMDNRLLTSANDDLLRGGSWLYLVLNILLVVFLENTRRPAQLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    ! !!        !*!!*!!!!!!!!!**!* !!!!!!! **  *!   ***! * !!!*!!! !!!* *!!***! * **!

logo
NTDB id 275804 C2E19 RS25335 WP 129396177.1  SLALVDVLLLCGLFYAAGGVASALGNLLIVSVAISNTLLRRRIGLLIAAIGALGIVGLSFLLSFSHPLSANEYLQAGTLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                     !!! !!!*!!!!!!!*!!!*!**! !!*! !!! ! !!! !!!!*!!! * !!** !*! !! !*!   !*!*!!! !!

logo
NTDB id 275804 C2E19 RS25335 WP 129396177.1  ALCFAASLLVQGLIRRLEVSETLAEQRASEVVGLEALNALILQRMRTGILVLDEERRVQLANQSAQNLLARSHLQGHLID  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !!!!! !**!*!*!! ! *!!!!! !!  !  !! !!!!!!!!!!!!!!!!*!    * !!!! !  !!   **!!* *

logo
NTDB id 275804 C2E19 RS25335 WP 129396177.1  AYSPALVERLQLWMNNPSLRPQSLKIPGNGLELQPSFIALEQSPNQQTLVFLEDLAQISQQAQQLKLAALGRLTAGISHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     *!! !**** !  !!!!!!**!!*** !* *!!!!! !   * !* !*!!!!* !! !!!!!*!!!*!!!!!!!! !!

logo
NTDB id 275804 C2E19 RS25335 WP 129396177.1  IRNPLGAISHAAQLLGESEELDSADRRLTQIIQDHSQRMNRVIENVLQLSRRQQSAPQRLDLKPWLENFVAESREQASER  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*! !!! !!!!!!!!!!! !  !! !!!!*!!  !! ! *

logo
NTDB id 275804 C2E19 RS25335 WP 129396177.1  QHIHLRINSGDFATLMDPNQLTQILDNLLRNGWRHSALLHEQAEVWLALFVDPDSQLAVLEVQDNGPGVPVDEQAHLFEP  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     **!! *  !!  ! !!!*!! !*! !!* !! !*!!  !  * !!! !  !!*! !*!!!* ! !!!!! !   *!!!!

logo
NTDB id 275804 C2E19 RS25335 WP 129396177.1  FFTTSSQGTGLGLYLSRELCESNQARLDFKPR.QGGGCFRITFAHGRKQS   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS   530
consensus                                    !!!! ! !!!!!!!!!!!!!!!!!!!*!***!* !!!!!!!!!!!!*!! !
```

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