```
logo
NTDB id 382795 FXN65 RS04330 WP 151131868.1  MNADTRPLPTGLSAQGRRIFRLYSLYRLLIGLVLVLLISSEMDDRLLDLARPDLFRNASWFYLILNALIAALVPRPRSMV   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERL...RLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLL   77
consensus                                    ! !*  ***     !! !! !!!*!!!! !!!!!!!!!!!!**! *!  ! *!*!!* *!!*!!* ! !*!  *!**! **

logo
NTDB id 382795 FXN65 RS04330 WP 151131868.1  QVFSLAVVDVLLLSCLFFAAGGTPSGIANLIVVSVAISNILLRGRIGLLVAAVAAIGLIYLTFYLSISQPAAASQFVQAG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    PIFILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAG  157
consensus                                    **! !!* !!!*!**!!*!*!! !!!!* !*!! !!! !!!!!!!!!!**!! ! *!!*!!!!*!!*! ! !  **!!!!

logo
NTDB id 382795 FXN65 RS04330 WP 151131868.1  GFGALCFAAALFIQGLSRRLQISETLAEQRAEDVANLEALNAQILERMRTGILVLDPRNQVLLANNGALALLGKDNLSGQ  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    GLGTLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGA  237
consensus                                    ! ! !!!!!!! !!*! !!   *!!!!! !!! !!!!! !!! !! !!!!!!!!*!*!* *!!!!**!!*!!  ! * !

logo
NTDB id 382795 FXN65 RS04330 WP 151131868.1  ALSSQCPELLESLRQWLANPTLRPQSLQAFADGPTLQPSFVHLQRGGQQNTLVFLEDISQIAQQAQQLKLASLGRLTAGI  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SLGRHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGI  317
consensus                                     !  **! !*****!!  !!*!!!**!   *!!!!*!!!!**!*!   !* !*!!!!!!!!!!!!!!*!!! !!!!!!!!

logo
NTDB id 382795 FXN65 RS04330 WP 151131868.1  AHEIRNPLGAISHAAQLLQESDELQSPDRRLAQIIQDHSRRMNLVIENVLQLSRRRQSEPQLLDLKYWLTRFASEFRTSA  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    AHEIRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRL  397
consensus                                    !!!!!!!!!!!!!!!!!!!!!!*!!  !!!!! !!!!!*!*!!!!!!!!!!!!!!!!! !!! !!!! !! !!  !**

logo
NTDB id 382795 FXN65 RS04330 WP 151131868.1  SPNQTLHLSTLGSTLQTRMDPHQLTQVLTNLVQNGLRYSSKKNTEGQVWLKLFRDPESDLPVLEVEDDGEGVPPEQVHNI  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RNDSELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNL  477
consensus                                     *   !!!    *  *!!!!!!!!! !!!*!!!!!!!!!!   *  !!!!! ! !!!!!!!!!!!* !!!*!!!** **!*

logo
NTDB id 382795 FXN65 RS04330 WP 151131868.1  FEPFFTTDSKGTGLGLYLSRELCESNQARLDYKPREHGGSCFRITFAHPRKLS  533
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FEPFFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!!*!!**!!*!! !!!!!!!!!!!!!
```

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