```
logo
NTDB id 317047 D6Z43 RS15140 WP 120652979.1  MSADTLPAPTALSAQGRRIFRLYSLYRLLIGVALVVLISSELDDSLLDLARPELFRNASWFYLILNTLIAALVPRPRSMV   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERL...RLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLL   77
consensus                                    ! !* !***     !! !! !!!*!!!! !!* !!*!!!!!!*! *! ! *!!!!* *!!*!!* ! !*!  *!**! **

logo
NTDB id 317047 D6Z43 RS15140 WP 120652979.1  QVFSLAVVDVMLLSCLFFAAGGTPSGIANLMVVSVAISNILLRGRIGLLVAAVAAIGLIYLTFYLSISHPQASSQFVQAG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    PIFILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAG  157
consensus                                    **! !!* !!**!**!!*!*!! !!!!* !*!! !!! !!!!!!!!!!**!! ! *!!*!!!!*!!*!*! !* **!!!!

logo
NTDB id 317047 D6Z43 RS15140 WP 120652979.1  GFGALCFAAALFIQGLSRRLQLSETLAEQRAADVANLEALNAQILERMRTGILVLDPGNQILLANNGAQTLLGKENLKGR  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    GLGTLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGA  237
consensus                                    ! ! !!!!!!! !!*! !!   *!!!!! !!  !!!!! !!! !! !!!!!!!!*!* * !!!!!**!  !!  * * !

logo
NTDB id 317047 D6Z43 RS15140 WP 120652979.1  ALDSQCRELLASLQHWLANPTLRPQSLQAFANGPTLQPSFVHLQRGNQLNTLVFLEDISQIAQQAQQLKLASLGRLTAGI  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SLGRHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGI  317
consensus                                     !  *** !**** *!  !!*!!!**!   * !!!*!!!!**!*!    * !*!!!!!!!!!!!!!!*!!! !!!!!!!!

logo
NTDB id 317047 D6Z43 RS15140 WP 120652979.1  AHEIRNPLGAISHAAQLLQESEELQGPDRRLAHIIQDHSRRMNLVIENVLQLSRRRQSEPQLLDLKYWLTRFASEFRSSS  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    AHEIRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRL  397
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!! *!!!!! *!!!!*!*!!!!!!!!!!!!!!!!! !!! !!!! !! !!  !**

logo
NTDB id 317047 D6Z43 RS15140 WP 120652979.1  SPNQTLHLSTLGSTLQTRMDPQQLTQVLTNLVQNGLRYSAKKNAQGQVWLKLFRDAESDLPILEVEDDGDGVPPEQVHNI  480
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RNDSELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNL  477
consensus                                     *   !!!    *  *!!!!!!*!! !!!*!!!!!!!!!!!  ** !!!!! ! !!*!!!!!*!!* !!!*!!!** **!*

logo
NTDB id 317047 D6Z43 RS15140 WP 120652979.1  FEPFFTTESKGTGLGLYLSRELCESNQARLDYKPREQGGSCFRITFAHPRKLS  533
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FEPFFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !!!!!!!!!!!!!!!!!*!!!!!!!!!!!!*!!**!! !! !!!!!!!!!!!!!
```

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