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logo

NTDB id 332541 ELR50 RS12810 WP 269964090.1  .MAKAIPISGQQGQRILRLYHLYRLSIGLLLVLLISSDLDDRVLNVVGQSALFHASCWSYLIVNILIAVLMPTPRQLLPIF   79
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    *  !   ***!   !!!!!!!!!!!!!!*!!!*!!!!!!!*!*! !! * ** !!!   *!*!!* !!!*!* *!**!!!!!!!

logo

NTDB id 332541 ELR50 RS12810 WP 269964090.1  LLALFDILALCGLFYAAGGVPSGIGNLLVVAVGIANILLRGRIGLLIAAVAAIGMIYLTFYLSLSQPTAINHYVQAGSLG  159
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                    *!!! !*! !!!!!!!*!!!!!!!! !!!!!!*!!!!!!!!!!!!!*!!! ! *!**!!!!*!!!! ! ! !!!!!!! !!

logo

NTDB id 332541 ELR50 RS12810 WP 269964090.1  ALSFAAALLLQGLARRQQLTEHLAEERATTVANLEELNALILQRMRTGILVLDSRHRVLLANQSALGLLAQPELAGKLAT  239
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     !*!!!!!**!*! !!!   !!*!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!* *!!!!! !!!!! !*** !

logo

NTDB id 332541 ELR50 RS12810 WP 269964090.1  EHCPELLDSLQQWERNPSLRPPSLQAPEGGPMLQPSFIPLRRGEEQHTLVFLEDISQIAQQAQQLKLAALGRLTAGIAHE  319
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     !*! !**** !!   !!!!!!!*!   ** !! *!!!!!*! ! **!! !*!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!

logo

NTDB id 332541 ELR50 RS12810 WP 269964090.1  IRNPLGAISHAAQLLQESETLDAPDRRLTQIIQDQSRRMNLVIENVLQLSRRRQAEPQQLDLRQWLQRFTDEQREGLRGD  399
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!! !! *   !! !

logo

NTDB id 332541 ELR50 RS12810 WP 269964090.1  QQIHLQMGGGEIQTRMDPSQLTQVLGNLVQNGLRYSARQNGSGQVWLNLFRDRDSDLPVLEVLDDGPGIAPEQMGKLFEP  479
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     *!!!*!*!*!!!!!!!*!! !!! !!!!!!!!!!!   *! !!!!! ! !!**!!!!!!!**!!!!!**** *   !!!!

logo

NTDB id 332541 ELR50 RS12810 WP 269964090.1  FFTTESKGTGLGLYISRELCESNQARIDFKNRDEGGGSFRITFAHPRKQS  529
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS  530
consensus                                    !!!!!!!!!!!!!!!*!!!!!!!!!!!!!!**!!*!!!!!*!!!!!!!!!! !
```

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