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logo

NTDB id 669104 PM1 RS25660 WP 009617582.1  .MAKAIPISGQQGQRILRLYHLYRLSIGLLLVLLISSDLDDRVLNVGQSALFHASCWSYLIVNILIAVLMPTPRQLLPIFLLALF   84
NTDB id 1472 PAKAF RS23995 WP 016253893.1  MRAERLRLSEEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIFILALT   85
consensus                                  *  !  ***!  !!!!!!!!!!!!!!*!!!*!!!!!!!*!*! !! * ** !!!  *!*!!* !!!*!* *!**!!!!!!!*!!!

logo

NTDB id 669104 PM1 RS25660 WP 009617582.1  DILALCGLFYAAGGVPSGIGNLLVVAVGIANILLRGRIGLLIAAVAAIGMIYLTFYLSLSQPTAINHYVQAGSLGALSFAAALLL  169
NTDB id 1472 PAKAF RS23995 WP 016253893.1  DVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLGTLCFAAALVI  170
consensus                                  !*! !!!!!!!*!!!!!!!! !!!!!!*!!!!!!!!!!!!!*!!! ! *!**!!!!*!!!! ! ! !!!!!!! !! !*!!!!!**

logo

NTDB id 669104 PM1 RS25660 WP 009617582.1  QGLARRQQLTEHLAEERATTVANLEELNALILQRMRTGILVLDSRHRVLLANQSALGLLAQPELAGKLATEHCPELLDSLQQWER  254
NTDB id 1472 PAKAF RS23995 WP 016253893.1  QALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLGRHSPMLMHCMKQWRL  255
consensus                                  !*! !!!  !!*!!!!!! !!!!!!!!!!!!!!!!!!!!!!*!!!* *!!!!! !!!!! !*** !     !*! !**** !!

logo

NTDB id 669104 PM1 RS25660 WP 009617582.1  NPSLRPPSLQAPEGGPMLQPSFIPLRRGEEQHTLVFLEDISQIAQQAQQLKLAALGRLTAGIAHEIRNPLGAISHAAQLLQESET  339
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHEIRNPLGAISHAAQLLQESEE  340
consensus                                  !!!!!!!*!  ** !! *!!!!!*! ! **!! !*!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 669104 PM1 RS25660 WP 009617582.1  LDAPDRRLTQIIQDQSRRMNLVIENVLQLSRRRQAEPQQLDLRQWLQRFTDEQREGLRGDQQIHLQLGGGEIQTRMDPSQLTQVL  424
NTDB id 1472 PAKAF RS23995 WP 016253893.1  LDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRNDSELHLQLGAGDIQTRMDPHQLNQVL  425
consensus                                  !!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!! !! *  !! !  *!!!!!*!*!!!!!!!*!! !!!

logo

NTDB id 669104 PM1 RS25660 WP 009617582.1  GNLVQNGLRYSARQNGSGQVWLNLFRDRDSDLPVLEVLDDGPGIAPEQLGKLFEPFFTTESKGTGLGLYISRELCESNQARIDFK  509
NTDB id 1472 PAKAF RS23995 WP 016253893.1  SNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEPFFTTESKGTGLGLYLSRELCESNQARIDYR  510
consensus                                   !!!!!!!!!!!  *! !!!!! ! !!**!!!!!!!**!!!!!**** !  !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!**

logo

NTDB id 669104 PM1 RS25660 WP 009617582.1  NRDEGGGSFRITFAHPRKQS   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1  NREEGGGCFRITFAHPRKLS   530
consensus                                  !!*!!!!*!!!!!!!!!! !
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X non conserved
X similar
X $\geq$50% conserved