```
logo
NTDB id 320499 D9M09 RS22860 WP 121670453.1   ..........................................................................  0
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV  78
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI  80
consensus                                            ****** **  ** ****** * *  *  *  ** *     ** ***** **********  * *  *****

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NTDB id 320499 D9M09 RS22860 WP 121670453.1   ........................MSSP...............RTSQQTVTTTGMEPAPQLSGNSLPMQALRAQISRIARC  42
NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...EAEEAPVDNRLLGESPPMRALRNQIGKLARS  155
NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS  160
consensus                                     ******* ** ** **********!*    *  **  ** *      *** *     !*! !*!***!! *! **!!*

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NTDB id 320499 D9M09 RS22860 WP 121670453.1   GAPVAIRGESGTGKELAARAIHAQGARAGFPFIAVNCGAIPEALMEAEFFGCRPGAYTGALHERQGLFQAAHGGSLLLDE  122
NTDB id 1473 PAKAF RS24000 WP 003094694.1     QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE  235
NTDB id 1045 HON27 RS16330 WP 168727019.1     QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE  240
consensus                                     *!!!***!!!!*!!!**!***! ** ! * !!***!!!!!!**!!!*!*!!***!**!!!* **!!!***!*!!*!*!!!

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NTDB id 320499 D9M09 RS22860 WP 121670453.1   VDDLPLAMQVKLLRVLQERRVRKLGGSADEAVDVRILCASQHGLASGVAACTFRQDLFYRLNVIELALPPLRERRGDLQV  202
NTDB id 1473 PAKAF RS24000 WP 003094694.1     VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL  315
NTDB id 1045 HON27 RS16330 WP 168727019.1     IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL  320
consensus                                     ***!!**!!!!!!!**!!***! *!* ****!!*!***!** *!*  !****!!!!!**!**!**! *!!!!!!**!* *

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NTDB id 320499 D9M09 RS22860 WP 121670453.1   LCEVILARLSPRRAV...SLAPPVLAALAAYAFPGNVRELENVLERALAFADGGVIALDGLALPSAPDSMPLRAAPALPD  279
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........  385
NTDB id 1045 HON27 RS16330 WP 168727019.1     LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA..  398
consensus                                     !** ** **  * ***   !*  *   ! ** !!!!!!!!*!**!!!*** *** ! *  ! ** *** *    * *

logo
NTDB id 320499 D9M09 RS22860 WP 121670453.1   LPERQLCLPGMAAYGVSPALPLDVYLRQAERDMIMQALVQARYHRARAARQLGLSVRQLRYRMQKLTIQEALLDERMDDR  359
NTDB id 1473 PAKAF RS24000 WP 003094694.1     .........QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID...........  445
NTDB id 1045 HON27 RS16330 WP 168727019.1     .QSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV....  473
consensus                                        *  * * *!  *** * !* !!***!******!!  ****!* !!**!!***!**!!!**!****     *
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X non conserved

X similar

X ≥ 50% conserved