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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 142326 PCL1606 RS04630 WP 045881194.1 .MGPRQKVLIVDDDPGTREYLEISLGRMRRHTRSVRTLGEARRCLEREGFDLCLSDLHLPDGTGLELLEHIRHQQLPMSL    79
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
consensus                                         ****!*!!!***********!*!!** !**** * *!* ** ** *!*!!*!* !!!!*!!*!* ** ** *****

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NTDB id 1045 HON27 RS16330 WP 168727019.1      AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
NTDB id 142326 PCL1606 RS04630 WP 045881194.1 AILSTCARQETATQARQAGAIDVLSKPVPLARLHKLLNDIRPETI........PFASRTLLGDSAPMQALRGQIDKLAGS   151
NTDB id 1473 PAKAF RS24000 WP 003094694.1     AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRN...PEAEEAPVDNRLLGESPPMRALRNQIGKLARS   155
consensus                                     !****** ***!**!**!!!*!***!!! ***!  !** **         * *   * !*!*! !***!! *! !*!*!

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NTDB id 1045 HON27 RS16330 WP 168727019.1      QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 142326 PCL1606 RS04630 WP 045881194.1 RAAIYISGESGSGKELVARALHDQGTRASRAFVAVNCGAIPAELMESEFFGHRKGSFSGAVEDHPGLFQAAHGGTLFLDE   231
NTDB id 1473 PAKAF RS24000 WP 003094694.1     QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                     *!*****!!!!*!!!*!!**!*** ! ***!***!!!!!!*!!!!!!*!!!*!!!!*!!**!**!!***!*!!*!!!!!

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NTDB id 1045 HON27 RS16330 WP 168727019.1      IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 142326 PCL1606 RS04630 WP 045881194.1 VADLPLAMQVKLLRALQQKAVRRVGGHQEVQVDVRILCATHKPLLAEVQAGRFRQDLYYRLNVIELPVPPLRERRDDIEP   311
NTDB id 1473 PAKAF RS24000 WP 003094694.1     VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                     *!*!!**!!!!!!!!*!*!**! !!* !!* !!*!***!*!**! **! *!*!!!!!**!**!**! *!!!!!!**!* *

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NTDB id 1045 HON27 RS16330 WP 168727019.1      LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 142326 PCL1606 RS04630 WP 045881194.1 LASAILERLARDNGQPPARLQAGALLALQGHDFPGNVRELENLLERAHTLCDNRLIERHDLRLASNSAY...P.......   381
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGA...S.......   385
consensus                                     !!  ** *** * * !***!***!   ! *  !!!!!!!!*!**!!! !!***  !* **!**!   *    *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 142326 PCL1606 RS04630 WP 045881194.1 .AI......APGPGNVIDLEAHLQAIERRMLLQALEQTRWNRTAAARRLSLSLRSMRYRLKKLGLD.......   440
NTDB id 1473 PAKAF RS24000 WP 003094694.1     .QE.....GAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                      *        !     ** !! *!* !!******!!* !*!!!!*!!**!****!!*!!!!!!*!*!
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X non conserved

X similar

X ≥ 50% conserved