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logo
NTDB id 34786 MSIP34 RS01205 WP 015829224.1  .MANPLNCLVVDDEHDIRELIVMTLTRMGLKADSAANLDDAKFMLRQKSYALCLTDMRLPDGNGLDLVRYINQHHAGLPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 1045 HON27 RS16330 WP 168727019.1   MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
consensus                                      *     !*!!!! !***!* *!!*!!**** *! **** !* ** *  ***!!!!**!!!!*!!!!!****! ****!*

logo
NTDB id 34786 MSIP34 RS01205 WP 015829224.1  AVITAYGSADNAVSALKAGAFDYITKPISLQQLRPLVQSALNLPNAAG.....NVSGPSLVGESTALQQIRATITKLSRN   154
NTDB id 1473 PAKAF RS24000 WP 003094694.1   AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...EAEEAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 1045 HON27 RS16330 WP 168727019.1   AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
consensus                                   !**!!!!**! !* !!!!!!!!**!!* *  !* !***!!** *      * **    !*!*! *****!  ! !**!*

logo
NTDB id 34786 MSIP34 RS01205 WP 015829224.1  QAPVFISGEAGTGKSLVARLIHQSSSRQSGAFITLDCSAIPEQQLEKEIFGEE.........DEPGALQKASGGTLFFKE   225
NTDB id 1473 PAKAF RS24000 WP 003094694.1   QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
NTDB id 1045 HON27 RS16330 WP 168727019.1   QAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
consensus                                   !!!!***!!*!*!!**!!*!*!  * ! ***!* **!*!!!****!*!*!!********  !**!*** !*!!*!!**!

logo
NTDB id 34786 MSIP34 RS01205 WP 015829224.1  IAELPLASQVRLLRAIQDKSISIPGQRKEETIDVRIISASQRNLTAMMERGQFRQDLYYRLNVIALDLPALRDIPEDIAA   305
NTDB id 1473 PAKAF RS24000 WP 003094694.1   VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
NTDB id 1045 HON27 RS16330 WP 168727019.1   IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
consensus                                   *!*!!***!!*!!!!!*!*!  ** *!  *!* *!*!***!****! ***  !*!!!!!**!**!**!  *!*!!** !!* *

logo
NTDB id 34786 MSIP34 RS01205 WP 015829224.1  ISQYLLKRLCQSQKIDVPLIARETQQMLLQHYYPGNVRELETILERALTLHDGRSLQPSDLRLQTESKRVALE.......   378
NTDB id 1473 PAKAF RS24000 WP 003094694.1   LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS.........   385
NTDB id 1045 HON27 RS16330 WP 168727019.1   LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
consensus                                   *** ****** *  **   ** ***  !**  *!!!!!!!****!!!*!! ** ******!***   * *

logo
NTDB id 34786 MSIP34 RS01205 WP 015829224.1  ...........IEANGLPLPDYLESIEKQAILNALERTGHNKTAAAKLLGVSFRTLRYRLSKLGLGKDSDGDDDED   443
NTDB id 1473 PAKAF RS24000 WP 003094694.1   ......QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGIFD..........   445
NTDB id 1045 HON27 RS16330 WP 168727019.1   IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV...   473
consensus                                            *       * !**!!! !!* ****!!* ! *!*!*!!**!!**!!**!!!!*!*!** *** *
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X non conserved

X similar

X ≥ 50% conserved