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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1       ...MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPN    77
NTDB id 1015665 ABV523 RS04135 WP 369608497.1  MNSQVELKKPVLVIDDEADIRDLMELTLIKMGLSVQTAAGVAEAKKALRNHAFSLVLTDMRMPDGSGLEIVDYITEHNLD    80
NTDB id 1473 PAKAF RS24000 WP 003094694.1      .....MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQ    75
consensus                                           * *  *!**!!! !***!***!!**!** * *!  ! *!* ** *  ****!!!***!!!!!!**! ****  **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      TPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEH.......................DTTEN   133
NTDB id 1015665 ABV523 RS04135 WP 369608497.1  IPIAVITAYGNAVQAVQALKNGAFDYLQKPITLAQLRTLVKSVLTINHSSDTDSITKAVINTKQSEVKSQNVSEPGRGSQ   160
NTDB id 1473 PAKAF RS24000 WP 003094694.1      TPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE........................AEE   128
consensus                                      *!*!**!!!!*** !**!!!*!!!!***!!* ** !* !* **! **  *                          ***

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      ALENKLLIGRSLPIQQLRIAIKKIARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHK   213
NTDB id 1015665 ABV523 RS04135 WP 369608497.1  SAAQERLLGHSPLIAEVRQLISKLAKSNVPVYIAGESGSGKEQAARSIHEQSARKDKAFVAVNCGAIPEALMESEFFGYK   240
NTDB id 1473 PAKAF RS24000 WP 003094694.1      APVDNRLLGESPPMRALRNQIGKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHK   208
consensus                                      *  * *!*! !***  *!* ! !*!*!**!!***!!!!*!!!**!***!*** ! ***!***!!!!!!**!!!!!*!!*!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      KGSFTGATQDKQGLILSAHGGSLFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKF   293
NTDB id 1015665 ABV523 RS04135 WP 369608497.1  KGSFTGADNDRAGFFQHADGGTLFLDEVADLPLSMQVKLLRAIQERAVRRIGEMEEKQVDVRIICATHKDLNALVETGQF   320
NTDB id 1473 PAKAF RS24000 WP 003094694.1      KGSFTGAIEDKQGLFQAASGGTLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRF   288
consensus                                      !!!!!!! *!**!*** ! !!*!!!!!*!*!!**!!!!!!!!*!!***! *!  *!* !!*!***!*!*!! **!  !*!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      RQDLFFRIHVMDLILPPLRERGEDVLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSED   373
NTDB id 1015665 ABV523 RS04135 WP 369608497.1  RQDLFYRLNVVSITMPPLRELRDDLPELIQVLLRRILRDETMT...LSPAAEQALLQYSYPGNFRELENILERAIALSKN   397
NTDB id 1473 PAKAF RS24000 WP 003094694.1      RQDLYYRLNVIELRVPPLRERREDIPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCED   368
consensus                                      !!!!**!**!*** *!!!!!***!***!** *****  *  **   !* *!*  !*** *!!!*!!!*!**!!!**!***

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1      ATIDISHLHPAPLRANISNPFASAAQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTF   453
NTDB id 1015665 ABV523 RS04135 WP 369608497.1  HIIEVDDLQIQSLSFDNQRNLSVDSVRNSAGENPARTDFQFGHTQIQDYLDDVERHILQQALAQTRYNRTQAAKLLGISF   477
NTDB id 1473 PAKAF RS24000 WP 003094694.1      DQIQPHDLRLADAPGA................SQEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTF   432
consensus                                        !** *!  ** * *                 *      ******!!***!* ****!!  !**!!! !!**!!**!
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logo

NTDB id 1045 HON27 RS16330 WP 168727019.1      RSLRYRLKKFGLDTETEQEV   473
NTDB id 1015665 ABV523 RS04135 WP 369608497.1  RSMRYRMERLGIA.......   490
NTDB id 1473 PAKAF RS24000 WP 003094694.1      RSMRYRLKKLGID.......   445
consensus                                      !!*!!!****!**
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X non conserved
X similar
X ≥ 50% conserved