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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1112654 KHN77 RS14845 WP 180496733.1 .MNEPKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIELVTEIAKHYPQTPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                           *!*!!!! !***!* *!!*!!*** *! ** *!**!** **!*!!!!**!!!!*!**!!  * * *!*!!*

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NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHD..TTENALENKLLIGRSLPIQQLRIAIKKIA   158
NTDB id 1112654 KHN77 RS14845 WP 180496733.1 AMITAFGSMDLAVEALKAGAFDFVSKPVDISVLRGLVKHALELNNRDRPAPPAPPPEQASRLLGDSSAMESLRATIGKVA   159
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEE.....APVDNRLLGESPPMRALRNQIGKLA   153
consensus                                    !**!!*!**!*!* !!!!!!!!!**!!!**  !* !*  !! *** * *      *    *!*!*! **  !!  !*!*!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL   238
NTDB id 1112654 KHN77 RS14845 WP 180496733.1 RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL   239
NTDB id 1473 PAKAF RS24000 WP 003094694.1    RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFL   233
consensus                                    !!!!!!**!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!  !!*!!***!*!!*!!!

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NTDB id 1045 HON27 RS16330 WP 168727019.1     DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV   318
NTDB id 1112654 KHN77 RS14845 WP 180496733.1 DEVAELPLQMQVKLLRAIQEKSVRPVGASSESLVDVRILSATHKNLGDLVSDGRFRHDLYYRINVIELRVPPLRERGGDL   319
NTDB id 1473 PAKAF RS24000 WP 003094694.1    DEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI   313
consensus                                    !!*!*!!* !!!!!!!!!*!!! *!*!!* *!* !!*!***!*!**!* *!  !*!!*!!**!**!**!**!!!!!!**!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     LLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAA   398
NTDB id 1112654 KHN77 RS14845 WP 180496733.1 PQLAAAIIARLAHSHGRPIPLLTQSALDALDRYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHR...LAATP   396
NTDB id 1473 PAKAF RS24000 WP 003094694.1    PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGAS...QEGAA   390
consensus                                    **!!  ** *** * * !   !!  ! * ! ** !!!!!!!!*!**!!!**! !!**!  **!***   *      ****

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NTDB id 1045 HON27 RS16330 WP 168727019.1     QSIQTTVAAPQAV..KKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 1112654 KHN77 RS14845 WP 180496733.1 GSA..AVEPREAVVDIDPASAALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......   464
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..........SL....SEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                     *    *    **       ***!* !*!**!* ****!!****!!*! *!  *!!*!!!**!!*!!!*!**
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X non conserved

X similar

X ≥50% conserved