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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 57124 R2APBS1 RS03350 WP 015446878.1 ..MNPQTVLVIDDERDIRELLTITLGRMDLQVDAVGTVAEARRALAERSYDLCFTDMRLPDGSGHEVIELIAAEHPDMPV   78
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                      ** * *!**!!! !***!* *!!*!! * *  *  ! *!* ***   *!*!*!!**!!!!!!****  * * *!**!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEH...DTTENALENKLLIGRSLPIQQLRIAIKKI  157
NTDB id 57124 R2APBS1 RS03350 WP 015446878.1 AMITAYGNVDAAVNALKAGAFDFVSKPVDIQMLRGLVRTALRLAEERRTGAAAAKTGDSSDRLIGDSTAMQQVRATIGKL  158
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEA......EEAPVDNRLLGESPPMRALRNQIGKL  152
consensus                                     !**!!!!*!  !**!!!!!!!!!**!!!**  !* !* *!!**   *        * *    *!*!*!  *****!  !*!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     ARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLF  237
NTDB id 57124 R2APBS1 RS03350 WP 015446878.1 ARNQAPVYIAGESGVGKELVARLIHEQGPRASGPFVPVNCGAIPSELMESEFFGHRRGSFTGASTDKEGLFQAAQGGTLF  238
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLF  232
consensus                                     !!*!!!!***!!!!*!!!!*!!*!*!****!  **!!***!!!!!!*!!!!!!*!!!**!!!!!!* !!*!!***!  !!*!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     LDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFERIHVMDLILPPLRERGED  317
NTDB id 57124 R2APBS1 RS03350 WP 015446878.1 LDEVAELPLHMQVKLLRAIQEKAVRPIGGRDEIPVDVRILSATHKNLGQLVEQGQFRQDLFYRINVIELRVPPLRERRGD  318
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERRED  312
consensus                                     !!!*!*!!* !!!!!!!!!*!!!**!**!* *!* !!*!***!*!**!* *!  *!*!!!!!**!**!**!**!!!!!!**!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     VLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASA  397
NTDB id 57124 R2APBS1 RS03350 WP 015446878.1 VPQLSAFILKALAGKSGDSVGQLSPSAREALEAYDFPGNVRELENILERAMAMCDGSTIEAADLMLPQRSARISHEPAAA  398
NTDB id 1473 PAKAF RS24000 WP 003094694.1    IPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGA.......S  385
consensus                                     ***!*  ********** * **!*  ! * ! ** !!!!!!!!!*!**!!!*****  *!*  *!  **   * **   * *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     AQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV  473
NTDB id 57124 R2APBS1 RS03350 WP 015446878.1 GQ.....PPTPVAAAAGADGGLDDYISNLERTAIVKALEESRYNKTAAARKLGITFRALRYKLKKLGID.......  462
NTDB id 1473 PAKAF RS24000 WP 003094694.1    Q.........EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......  445
consensus                                     **         * !*     **!**!****!* ****!!*****!*!*!!**!!*!!!**!!*!!!*!*!
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X non conserved

X similar

X ≥50% conserved