```
logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 668372 MOW12 RS01250 WP 152342163.1 ..MEQPLVLFVDDEEDLCTLMQMTLARMGIQTHVAHRLEQARQLLSSHHYDACITDLNLPDGNGLQLVELIAQHFPQLPV   78
NTDB id 1045 HON27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
consensus                                      * ****!*!!!!*!** !***!!*!!** !**! ****!**!*  **!*!*!!**!!!!*!!*!!  * ! *!**!*

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NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE....AEEAPVDNRLLGESPPMRALRNQIGKLAR  154
NTDB id 668372 MOW12 RS01250 WP 152342163.1 AVLTAYGNMEIAIAALKAGAFDFVSKPINQKHLEQLLEKALNQPLFKAHSQEANQLEQRMLIGQSLPIQQLRTTLKKIAR  158
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVE.HDTTENALENKLLIGRSLPIQQLRIAIKKIAR  159
consensus                                    !**!!!!****!!*!!!!!!!!!**!!*** *!**!* *!!*    * *   ********!*!  !*!***!!  **!*!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD  234
NTDB id 668372 MOW12 RS01250 WP 152342163.1 SQAPVFISGESGTGKEVVANLVHRLSNRSDGPFIAINCGAIPGDLMESEFFGHKKGSFTGAAQDKQGLIQSAHGGSLFLD  238
NTDB id 1045 HON27 RS16330 WP 168727019.1    SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD  239
consensus                                    !!!!!***!!!!*!!!*!!*!*!****!***!!***!!!!!!**!!!!!*!!!!!!!!!!  *!!!!!***!*!!*!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1    EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIP  314
NTDB id 668372 MOW12 RS01250 WP 152342163.1 EIAELPLNMQVKLLRAVQEKRIRPVGSDTEIDVDFRIISASHQDLEALVQQGRFRQDLFFRIHVMDIVLPPLRERGQDIL  318
NTDB id 1045 HON27 RS16330 WP 168727019.1    EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL  319
consensus                                    !*!*!!* !!!!!!!!*!!!**!*!!***!**!!*!***!*!*!!***! *!*!!!!!**!**!****!!!!!!**!**

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPG........AS.  385
NTDB id 668372 MOW12 RS01250 WP 152342163.1 LLAQHFIQKIAQEWDIHSKTLSERAQQFLLEQYYPGNVRELRNIIERAMTLSDDDVIDLPHLQTAPLRKMAPLAEPETDT  398
NTDB id 1045 HON27 RS16330 WP 168727019.1    LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISN..PFASA  397
consensus                                    !!!*******  *****  *  !**  !*  *!***  *!!!!!!!!*!**!!!*!!**!*  !** *!   !****       *  **

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    .........QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
NTDB id 668372 MOW12 RS01250 WP 152342163.1 A.TPVTADALPAAPRKLPEEGLELFLEKIEKEILLNALNLTHWNRTLAAKKLGMSFRSLRYRLKKFGLDTDE....   469
NTDB id 1045 HON27 RS16330 WP 168727019.1    AQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
consensus                                    * *  *  * **! **** **!! *!! !!*****!!**!*!!!!*!!**!!**!!!*!!!!!!*!*!**
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X non conserved

X similar

X ≥ 50% conserved