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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAM    80
NTDB id 167637 AL475 RS10810 WP 104966954.1  .......MVEDTASVAALYRSYLTPLEIDINIVGTGREAIESIAHREPDLILLDLRLPDMTGMDVLHAVKQRSPDVPVIF    73
NTDB id 1157 A1552VC RS03895 WP 001888250.1  .......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVF    73
consensus                                           *!*!******!****!****!*********!*!*******!!*!*!*!!!!**!*!** ******!**!***

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAE.....EAPVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 167637 AL475 RS10810 WP 104966954.1  MTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNEADNPGNQNYQGFIGSSQTMLAVYRTIDSAASS   153
NTDB id 1157 A1552VC RS03895 WP 001888250.1  MTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDVDN.KNQNYQGFIGSSQTMQAVYRTIDSAASS   152
consensus                                    *!!*!!*!!!**!***!!*!!!*!!****!!!**!**!*!******* **  ********!*!**! !****!***!*!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
NTDB id 167637 AL475 RS10810 WP 104966954.1  KASIFITGESGTGKEVCAEAIHAASRRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATDRQGAAELADGGTLFLDE   233
NTDB id 1157 A1552VC RS03895 WP 001888250.1  KASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFLDE   232
consensus                                    *!***!*!!!!*!!!**!**!!***!***!!***!!*!!!**!*!!!*!!!*!!*!!!!****!!****!*!!!!!!!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
NTDB id 167637 AL475 RS10810 WP 104966954.1  LCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRERGDDVIE   313
NTDB id 1157 A1552VC RS03895 WP 001888250.1  LCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDVIE   312
consensus                                    ********!*!!!!*!!******!!******!!!!**!!!**!***!!**!!!!*!!!!!!*!!*!**!!!!*!**!***

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRL....ADAPG.....ASQ   386
NTDB id 167637 AL475 RS10810 WP 104966954.1  IAYSLLGYMSKEEGKGFVRLAPEVVERFKQYEWPGNVRQLQNVLRNVVVLNEGREINLNMLPPPLNHPSENII.SVPKVN   392
NTDB id 1157 A1552VC RS03895 WP 001888250.1  IAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRALPLAH   392
consensus                                    *!***!*******!* **!!*****!****!**!!!!!*!*!*!*****!*!***!** *!*****  ****   **  *

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1     EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID........   445
NTDB id 167637 AL475 RS10810 WP 104966954.1  AAPVSVHEIF..PLWM..TEKQAIEKAIEACDGNIPRAAGYLDVSPSTIYRKLQTWNEKVQEKEK..   453
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ENKVSVHEIF..PLWM..TEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
consensus                                    ** *!**!!*  ****  *!***!**!*!****!***!! *!**********!******* ****
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X non conserved

X similar

X ≥ 50% conserved