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logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPVAM    80
NTDB id 321221 EAE30 RS13755 WP 123017383.1  .......MVEDTASVAALYRSYLTPLNIDITLVGTGQDAIRSIAEREPDLILLDLRLPDMTGMDVLYAVKREHPHVPIVF    73
NTDB id 1157 A1552VC RS03895 WP 001888250.1  .......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVF    73
consensus                                           *!*!******!****!*** *!* *******!*********!!*!*!*!!!!**!*!****** **!  *!***

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEE.....APVDNRLLGESPPMRALRNQIGKLARS   155
NTDB id 321221 EAE30 RS13755 WP 123017383.1  MTAHGSIDTAVDAMRHGAQDFLLKPCEADRLRVTVNNAMRKASKLKDDALDPDNQNYQGFIGSSHTMQAVYRTIDSAASS   153
NTDB id 1157 A1552VC RS03895 WP 001888250.1  MTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKND.VDNKNQNYQGFIGSSQTMQAVYRTIDSAASS   152
consensus                                    *!!*!!*!!!*!***!!*!!!*!!****!!!**!**!********* **  ********!*! *!*!****!***!*!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
NTDB id 321221 EAE30 RS13755 WP 123017383.1  KASIFITGESGTGKEVCAEAIHAASKRVDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATDRQGAAELADGGTLFLDE   233
NTDB id 1157 A1552VC RS03895 WP 001888250.1  KASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFLDE   232
consensus                                    *!***!*!!!!*!!!**!**!****!***!!***!!*!!!**!*!!!*!!!*!!*!!!!****!!****!*!!!!!!!!

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
NTDB id 321221 EAE30 RS13755 WP 123017383.1  LCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRERGEDVIE   313
NTDB id 1157 A1552VC RS03895 WP 001888250.1  LCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDVIE   312
consensus                                    ********!*!!!!*!!******!!******!!!!**!!!**!***!!**!!!!*!!!!!!*!!*!**!!!!*!**!***

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLR..........LADAPGAS   385
NTDB id 321221 EAE30 RS13755 WP 123017383.1  IAYSLLGFMSKEEGKGFVRMSADVVERFKHYEWPGNVRQLQNVLRNVVVLNEGREILLTMLPPPLNQPVEKAITDARPEA   393
NTDB id 1157 A1552VC RS03895 WP 001888250.1  IAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMS.APINRALPLA   391
consensus                                    *!***!*******!* **!******!****!**!!!!!*!*!*!*****!*!***! * *!******     * *! * *

logo
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID........   445
NTDB id 321221 EAE30 RS13755 WP 123017383.1  SESSLSVRDIRPL..WL..TEKLAIEQAIEACDGNIPRAAGYLDVSPSTLYRKLQTWNSQKIKEKES.   456
NTDB id 1157 A1552VC RS03895 WP 001888250.1  HENKVSVHEIFPL..WM..TEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
consensus                                     !  *!* *! *!  **  *!* *!*!!*!****!***!! *!*******!****!****
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X non conserved

X similar

X ≥ 50% conserved