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logo

NTDB id 1473 PAKAF RS24000 WP 003094694.1     .......MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRH    73
NTDB id 73040 GZI12 RS04150 WP 162045875.1    MQRNTAQHKNKYLLMVEDTASVAALYRSYLTPLGIDINIVGTGRDAIESLSFRTPDLILLDLRLPDMTGMDVLFEVKQQN    80
NTDB id 1157 A1552VC RS03895 WP 001888250.1   ..............MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESICRREPDLILLDLRLPDMTGMDVLYAVKEKS    66
consensus                                                  **!*!******!****!*** *!*********!*!**** *!!*!*!*!!!!**!*!*** ****

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     PQTPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE....AEEAPVDNRLLGESPPMRALRNQI   149
NTDB id 73040 GZI12 RS04150 WP 162045875.1    PDVPVIFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKATKLKTE.EGLNQGYQGFIGSSQMMQAVYRTI   159
NTDB id 1157 A1552VC RS03895 WP 001888250.1   PDVPIVFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDVDNKNQNYQGFIGSSQTMQAVYRTI   146
consensus                                     !**!*****!!*!!*!!!**!***!!*!!!*!!****!!!**!**!*!****** * *  ** *****!*!* !*!****!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     GKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGG   229
NTDB id 73040 GZI12 RS04150 WP 162045875.1    DSAATSKASIFITGESGTGKEVCAEAIHATSKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATDRQGAAELADGG   239
NTDB id 1157 A1552VC RS03895 WP 001888250.1   DSAASSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGG   226
consensus                                     ***!*!*!***!*!!!!*!!!**!**!!* **!***!!***!!*!!!**!*!!!*!!!*!!*!!!!****!!****!*!!

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NTDB id 1473 PAKAF RS24000 WP 003094694.1     TLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRER   309
NTDB id 73040 GZI12 RS04150 WP 162045875.1    TLFLDELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRER   319
NTDB id 1157 A1552VC RS03895 WP 001888250.1   TLFLDELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRAR   306
consensus                                     !!!!!!********!*!!!!*!!******!!******!!!!**!!!**!***!!**!!!!*!!!!!!*!!*!**!!!!*!

logo

NTDB id 1473 PAKAF RS24000 WP 003094694.1     REDIPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDL....RLADAP...   382
NTDB id 73040 GZI12 RS04150 WP 162045875.1    GEDVIEIAYSLLGFMSKEEGKDFVRLSPEVVDRFSRFEWPGNVRQLQNVLRNVVVLNNGKEIMLDMLPPPLNIPVCES.M   398
NTDB id 1157 A1552VC RS03895 WP 001888250.1   GDDVIEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINR   386
consensus                                     **!****!***!*******!****!!*********!****!!!!!*!*!*!*****!****!! ***!*****!  **

logo

NTDB id 1473 PAKAF RS24000 WP 003094694.1     ..GASQEGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGI.....D...   445
NTDB id 73040 GZI12 RS04150 WP 162045875.1    APSLLEKEVLSVHDIF..PLWM..TEKRAIEQAIQACDGNIPKAAGYLDVSPSTIYRKLQAWNDKQL......   461
NTDB id 1157 A1552VC RS03895 WP 001888250.1   ALPLAHENKVSVHEIF..PLWM..TEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
consensus                                     *  *  *  *!***!*  ****  *!**!*!!******!**!! *!**********!* ****    *
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X non conserved

X similar

X ≥ 50% conserved