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logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1   ...........MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEALSVAD.VTALLHAMMDDARQAEFKQTREA   68
NTDB id 1006859 ABLB98 RS14140 WP 087547921.1 MYNAELLEEAKTFMFHMLTKVVEYGGSDLFITADFPPSIKLQGLMRPLGQQTLTPEKTKLFAYSLMNEKQRQEFENEWEC   80
NTDB id 1203 PSJM300 01605 AFN76401.1         ...........MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHEC   69
NTDB id 1019 ACIAD RS04205 WP 004922051.1     ...........MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHEC   69
consensus                                                **** *! ***** *!!!*!!*********!******** ****** ************!! ***!*

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1   NFAVVRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRN   146
NTDB id 1006859 ABLB98 RS14140 WP 087547921.1 NFAINIPE.VSRFRVNVFKQQLQIGMVIRTITSEIPTFQKLKLPESLKNVMMEKRGLVLVVGSTGSGKSTSLAAMIDHRN   159
NTDB id 1203 PSJM300 01605 AFN76401.1         NFAISARG.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRN   148
NTDB id 1019 ACIAD RS04205 WP 004922051.1     NFAILNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRN   149
consensus                                     !!!** ** **!!!!**!*!****!*!*!*!***!!****!*!!**!*****!!!*** *!*!!*!!!!**!*!***!!

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1   QHRTGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATL   226
NTDB id 1006859 ABLB98 RS14140 WP 087547921.1 ENSAGHIITVEDPVEYVHKHKKSMITHREVGVDCHTWHHALKNTLRQAPDVILIGEIRDTETMEHAIAFAETGHLCLCGTL   239
NTDB id 1203 PSJM300 01605 AFN76401.1         KNSSGHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATL   228
NTDB id 1019 ACIAD RS04205 WP 004922051.1     QHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATL   229
consensus                                     ****!!!***!!!*!**!*!*****!*!!!!*!******!!!!*!!!!!!*!!!!!*!**!*!**!**!!!!!!!***!!

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1   HANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMAR   306
NTDB id 1006859 ABLB98 RS14140 WP 087547921.1 HANNANQALDRIMNFFPDERRNQLLMDLSSNMKAIISQRLVRTQDGQGRRAAVEILLNTPLIAENILKGQFHNLKEIMTK   319
NTDB id 1203 PSJM300 01605 AFN76401.1         HANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKR   308
NTDB id 1019 ACIAD RS04205 WP 004922051.1     HANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMAR   309
consensus                                     !!!!!!!!*!*!!**********!***!!!*!*!*** !*!*** *! *!** *!*!*!*!*****!**!*****!**!**

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1   SQEVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDYGSG...SLQNVKIDME............   368
NTDB id 1006859 ABLB98 RS14140 WP 087547921.1 SRELGMQTFDQALFDLYNEGAISYDEALRNADSLNELRLQIKLKSTRQEGVPASAATS...LNMLKEDSEEQEMQGI   393
NTDB id 1203 PSJM300 01605 AFN76401.1         STDLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLEMSD.DDPGRSFR..   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1     SGELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERKMTF.DGQRRNLK..   383
consensus                                     ! **!!!!!!!!!**!**** !***!!**!!! !*!!! *!**** * **  * **  * **!*  *   * **
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X non conserved

X similar

X ≥ 50% conserved