logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  ...........MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEALSVAD.VTALLHAMMDDARQAEFKQTREA  68
NTDB id 251153 BS636 RS12495 WP 099339062.1  MFTAELLEEARKFMHHMLTKVVEYGGSDLFITADFPPSIKHQGLMKPFGQQELTPEKTKLFAYALMNEKQRKEYETELEC  80
NTDB id 1203 PSJM300 01605 AFN76401.1        ...........MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHEC  69
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ...........MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHEC  69
consensus                                                **** *! ***** *!!!*!!*!!*** *!* ***! ***!***!*!* ***!*

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NTDB id 1177 A1552VC RS01165 WP 000422572.1  NFAVVRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRN  146
NTDB id 251153 BS636 RS12495 WP 099339062.1  NFAITVPG.VSRFRVNVFQQQLNVGMVIRTTITAEIPNFQKLKLPESLKHVIMEKRGLVLVVGGTGSGKSTSLAALIDYRN  159
NTDB id 1203 PSJM300 01605 AFN76401.1        NFAISARG.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRN  148
NTDB id 1019 ACIAD RS04205 WP 004922051.1    NFAILNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRN  149
consensus                                      !!!* ** **!!!!!**!*!! **!!*!*!!** **!**!*!*** *!!!*** *!*!*!!!!***!!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1  QHRTGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATL  226
NTDB id 251153 BS636 RS12495 WP 099339062.1  ENSAGHIITVEDPVEYVHKHKKSMITHREVGVDSHSWHNALKNTLRQAPDVILIGEIRDTETMEHAIAFAETGHLCLGTL  239
NTDB id 1203 PSJM300 01605 AFN76401.1        KNSSGHIISIEDPIEFIHQHQNCIVTQREVGLDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATL  228
NTDB id 1019 ACIAD RS04205 WP 004922051.1    QHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATL  229
consensus                                      **** !!!**** *!!*!!* ** *!***** **!! ** ***!!******!*****!*!*****!!!*!!!!!!***!!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1  HANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMAR  306
NTDB id 251153 BS636 RS12495 WP 099339062.1  HSNNANQTLDRIINFFPEERRNQLMDLSSNMKAIVSQRLIRTEDGKGRRAAVEIMLNTPLVSDLILKGDFHELKAIMGK  319
NTDB id 1203 PSJM300 01605 AFN76401.1        HANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKR  308
NTDB id 1019 ACIAD RS04205 WP 004922051.1    HANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMAR  309
consensus                                      !*!!!!! *!*!  *** **!* !**! *!!**!* *!!** *!*!!*!**! *!*!**!** ****!* !*!*!*!***

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NTDB id 1177 A1552VC RS01165 WP 000422572.1  SQEVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDYGSGSL.....QNVKIDME.............  368
NTDB id 251153 BS636 RS12495 WP 099339062.1  SRELGMQTFDQALFDLYNEGAISYEEALRNADSTNELRLQIKLKSSRANAAANNTATAFSMVEEKKPDDETDEDKSTAEQ  399
NTDB id 1203 PSJM300 01605 AFN76401.1        STDLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS...QGLTLEMSDDDPGRSFR....  381
NTDB id 1019 ACIAD RS04205 WP 004922051.1    SGELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRER..MSEMERKMTFDGQRRNLK....  383
consensus                                      ! * **!!!!!!!!* !*!**!! **!!*!!** **!*!* !*!***** * ** ********** * *

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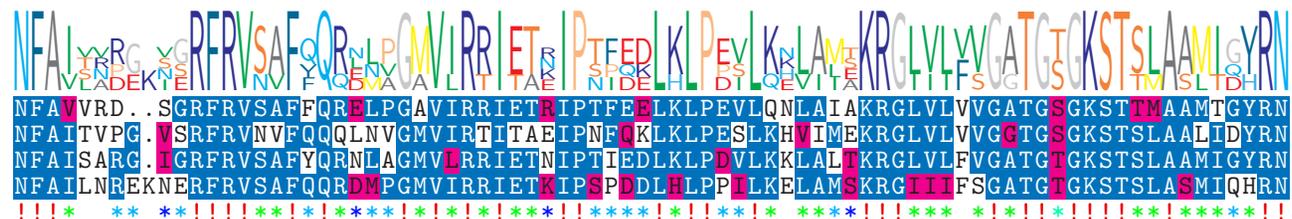                                             A

NTDB id 1177 A1552VC RS01165 WP 000422572.1  .  368
NTDB id 251153 BS636 RS12495 WP 099339062.1  A  400
NTDB id 1203 PSJM300 01605 AFN76401.1        .  381
NTDB id 1019 ACIAD RS04205 WP 004922051.1    .  383
consensus