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logo
NTDB id 1177 A1552VC RS01165 WP 000422572.1   ...........MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEALSVAD.VTALLHAMMDDARQAEFKQTREA   68
NTDB id 1107085 ACLKM1 RS06885 WP 074382739.1 MFATELLEEARKFMHHMLTKVVEYGGSDLFITADFPPSIKHQGLMKPFGQQELTAEKTKLFAYSLMNEKQRKEFETELEC   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 1107085 ACLKM1 RS06885 WP 074382739.1 NFAITVPG.VSRFRVNVFQQQLNVGMVIRTITAEIPNFQKLKLPDSLKHVIMEKRGLVLVVGGTGSGKSTSLAAMIDYRN   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 1107085 ACLKM1 RS06885 WP 074382739.1 ENSAGHIITVEDPVEYVHKHKKSMITHREVGVDCHSWHNALKNTLRQAPDVILIGEIRDTETMEHAIAFAETGHLCLCGTL   239
NTDB id 1203 PSJM300 01605 AFN76401.1         KNSSGHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATL   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 1107085 ACLKM1 RS06885 WP 074382739.1 HSNNANQTLDRIINFFPEERRNQLLMDLSSNMKAIISQRLIRTQDGKGRRAAIEIMLNTPLISDLILKGEFHELKAIMAK   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...QNV..KIDME............   368
NTDB id 1107085 ACLKM1 RS06885 WP 074382739.1 SRELGMQTFDQALFELYNQGEISYEEALRNADSTNELRLQIKLKSNRQDNAAVGESTQFSMLQKPKPEEKSAENQAVAE   398
NTDB id 1203 PSJM300 01605 AFN76401.1         STDLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QG..LTLEMSDDDPGRSFR...   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1     SGELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSE..MERKMTFDGQRRNLK...   383
consensus                                     ! **!!!!!!!!!* !*****!****!!**!!!*!*!!! *!**** *   ** ** *   *  *****  *** *
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X non conserved

X similar

X $\geq$ 50% conserved