```
logo
NTDB id 292224 DJ533 RS09015 WP 065992243.1  MYTTELLQEAQRYMFHMLTKVVEFGGSDLFISADFPPSIKHQGLMKSLGQNALTAEKTKLFAYSLMNEKQRQEFETELEC   80
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ...........MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDDARQAEFKQTREA   68
NTDB id 1203 PSJM300 01605 AFN76401.1        ...........MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHEC   69
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ...........MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHEC   69
consensus                                    **** *! ***** *!!!*!*********!********* ******* ************!! ***!*

logo
NTDB id 292224 DJ533 RS09015 WP 065992243.1  NFAISVPD.VSRFRVNVFQQQLQVGMVIRTITAEIPNFTKLKLPEALKNVIMEKRGLVLVVGGTGSGKSTSLAAMIDYRN  159
NTDB id 1177 A1552VC RS01165 WP 000422572.1  NFAVVRD..SGRFRVSAFFQREELPGAVIRRIETRIPTFEEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRN  146
NTDB id 1203 PSJM300 01605 AFN76401.1        NFAISARG.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRN  148
NTDB id 1019 ACIAD RS04205 WP 004922051.1    NFAILNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRN  149
consensus                                    !!!** ** **!!!!**!*!****!*!*!*!***!!****!*!!**!******!!!*** *!*!!*!!!!**!*!***!!

logo
NTDB id 292224 DJ533 RS09015 WP 065992243.1  EHSAGHIITVEDPVEYVHKHKKSMITHREVGVDCHSWHNALKNTLRQAPDVILIGEIRDTETMEHAIAFAETGHLCLGTL  239
NTDB id 1177 A1552VC RS01165 WP 000422572.1  QHRIGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATL  226
NTDB id 1203 PSJM300 01605 AFN76401.1        KNSSGHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATL  228
NTDB id 1019 ACIAD RS04205 WP 004922051.1    QHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATL  229
consensus                                    ****!!!***!!!*!**!*!*****!*!!!!*!**!***!!!!*!!!!!!*!!!!!*!**!*!**!*!!!!!!!***!!

logo
NTDB id 292224 DJ533 RS09015 WP 065992243.1  HANNANQALDRIINFFPEERRNQLLMDLSSNMKAIISQRLIRTENDVGRRAAVEILLNTPLISDVVLKGNFHEIKEIMTK  319
NTDB id 1177 A1552VC RS01165 WP 000422572.1  HANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMAR  306
NTDB id 1203 PSJM300 01605 AFN76401.1        HANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKR  308
NTDB id 1019 ACIAD RS04205 WP 004922051.1    HANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMAR  309
consensus                                    !!!!!!!*!*!!**********!***!!!*!*!*** !*!***  ***!** *!*!*!*!** !****!*****!**!**

logo
NTDB id 292224 DJ533 RS09015 WP 065992243.1  SRELGMQTFDQALFDLYNERAISYDEALRNADSTNELRLQIKLKSTRENQINATTNTGLSMLQEETSVSETE....  391
NTDB id 1177 A1552VC RS01165 WP 000422572.1  SQEVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGS..LQNVKIDME.........  368
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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X non conserved

X similar

X ≥ 50% conserved