```
logo
NTDB id 1161879 ACLMBM RS08485 WP 321276081.1  MQTIDTEQLSELQQILVYFSQNSGSDLFVTAGLPITMKKDGNLVQLTEHKVSPKQASDLCAELMNAEQLDDFIKHSESNF   80
NTDB id 1177 A1552VC RS01165 WP 000422572.1    .........MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDDARQAEFKQTREANF   70
NTDB id 1203 PSJM300 01605 AFN76401.1          .........MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNF   71
NTDB id 1019 ACIAD RS04205 WP 004922051.1      .........MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNF   71
consensus                                                ** ***! *** ***!!!**!*!****** !****** ********************** ** *!****!*!!

logo
NTDB id 1161879 ACLMBM RS08485 WP 321276081.1  AFQIPG.HGRYRVNVYVQRGTPGMVIRNVKTEIPDFSELNLPEVLKEQILKKRGLILFVGGTGSGKSTSLAALVDIRNTE  159
NTDB id 1177 A1552VC RS01165 WP 000422572.1    AVVRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQH  148
NTDB id 1203 PSJM300 01605 AFN76401.1          AISARG.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKN  150
NTDB id 1019 ACIAD RS04205 WP 004922051.1      AILNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQH  151
consensus                                      !** **  *!*!!****!!***!*!*!***!*!!****!*!!**!******!!!*****!*!!*!!!!**!*****!!**

logo
NTDB id 1161879 ACLMBM RS08485 WP 321276081.1  THNHIITIEDPIEFMHRHKSSIVTQREVGVDTESYEAALKNTLRQAPDVILIGEIRAQETMEHAIAFAETGHLCLSTLHA  239
NTDB id 1177 A1552VC RS01165 WP 000422572.1    RTGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHA  228
NTDB id 1203 PSJM300 01605 AFN76401.1          SSGHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHA  230
NTDB id 1019 ACIAD RS04205 WP 004922051.1      SKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHA  231
consensus                                      ***!!***!!!!!!*!*!* *!*!!!!!!*!!*!*!*!!!!*!!!!!!*!!!!!*!**!*!**!*!!!!!!!***!!!!

logo
NTDB id 1161879 ACLMBM RS08485 WP 321276081.1  NNTNQALDRIINFFPPNQKNHILLDLSLNLRMIVSQRLVPKI.GGGMIAAVEVMLNTPRISQLIFKGEVTEIKDQIKNST  318
NTDB id 1177 A1552VC RS01165 WP 000422572.1    NNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQ  308
NTDB id 1203 PSJM300 01605 AFN76401.1          NNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRST  310
NTDB id 1019 ACIAD RS04205 WP 004922051.1      NNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSG  311
consensus                                      !!*!!*!*!!******* ******!!!!!!**** !*!*** *!***** *!!**!*! * **!**!!****! ** *!*

logo
NTDB id 1161879 ACLMBM RS08485 WP 321276081.1  AQGMQTFDQSLFNLYESGQISYEDALKNADAMNDLRLEIKLKSKRPPPSNEFGAFDD........TPQFSMQKTEEEEQD  390
NTDB id 1177 A1552VC RS01165 WP 000422572.1    EVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKIDME.................  368
NTDB id 1203 PSJM300 01605 AFN76401.1          DLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLEMSDDDPGRSFR........  381
NTDB id 1019 ACIAD RS04205 WP 004922051.1      ELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERKMTFDGQRRNLK........  383
consensus                                      **!!!!!!!*!**!** * !***!!!**!!* !*!!!**!**** * *   ******* **** * * ****
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X non conserved

X similar

X $\geq$ 50% conserved