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logo
NTDB id 1307 DR RS10055 WP 010888596.1          MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
NTDB id 1202 PSJM300 01600 AFN76400.1           ....MDITELLAFSAKQGASDLHLSSGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1194 PAKAF RS01995 WP 003084552.1       ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1096358 ACMXYQ RS14850 WP 415892496.1  ....MEFKDYLTILAKRDGSDLYLTTGAPPCAKFEGKLTPLSKEPYKPGEIEAIANSLMDEQQRATFEEELEMNLAYSIP   76
NTDB id 1177 A1552VC RS01165 WP 000422572.1    ....MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDDARQAEFKQTREANFAVVRD   75
NTDB id 1203 PSJM300 01605 AFN76401.1           ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR   76
NTDB id 1019 ACIAD RS04205 WP 004922051.1       ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAILNR   76
consensus                                          *** **! **** **!!*****!*** ****!**  *   **    * ***  *********!**  ! **** *

logo
NTDB id 1307 DR RS10055 WP 010888596.1          D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI  159
NTDB id 1202 PSJM300 01600 AFN76400.1           G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI  155
NTDB id 1194 PAKAF RS01995 WP 003084552.1       G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI  155
NTDB id 1096358 ACMXYQ RS14850 WP 415892496.1  .KVARYRINIFKQRNQYSLVARNIKADIPKMEDLGLPPVLKDVIMEKRGLVLFVGATGSGKSTSLAALIDHRNRNSGGHI  155
NTDB id 1177 A1552VC RS01165 WP 000422572.1    ..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHRTGHI  153
NTDB id 1203 PSJM300 01605 AFN76401.1           G.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGHI  155
NTDB id 1019 ACIAD RS04205 WP 004922051.1       EKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHI  156
consensus                                         **!*!***! !*    **!*! ! ***************** *** *!!*****!*!!*!!!!**!******!* * *!!

logo
NTDB id 1307 DR RS10055 WP 010888596.1          LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE  239
NTDB id 1202 PSJM300 01600 AFN76400.1           LTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
NTDB id 1194 PAKAF RS01995 WP 003084552.1       LTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
NTDB id 1096358 ACMXYQ RS14850 WP 415892496.1  ITIEDPIEFVHNHRKSLINQREVGVDTRNFHSALKNALRQAPDVILIGEIRDQETMEQCLTYAETGHLAISTLHANNANQ  235
NTDB id 1177 A1552VC RS01165 WP 000422572.1    LTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQ  233
NTDB id 1203 PSJM300 01605 AFN76401.1           ISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQ  235
NTDB id 1019 ACIAD RS04205 WP 004922051.1       ITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHANNANQ  236
consensus                                       ***!!!!!!!*!********!!!!**!!  ***  !!***!!**!!*!!*!!*!* !***  ****!!!!!!***!!!***!**

logo
NTDB id 1307 DR RS10055 WP 010888596.1          SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTG.AREGM  318
NTDB id 1202 PSJM300 01600 AFN76400.1           TIDRVVDVFPAEEKSMVRSMLSESLQAVISQTLLKK.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSSIQTG.GSLGM  313
NTDB id 1194 PAKAF RS01995 WP 003084552.1       TIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIKK.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTG.GSLGM  313
NTDB id 1096358 ACMXYQ RS14850 WP 415892496.1  AIDRIINFFPQARHKQIFHDLALNLKAVVSQRLIPTIEGK.RCAAIEILLGTSSIQELIMKGDVKGIKEVMSKGSDTTGM  314
NTDB id 1177 A1552VC RS01165 WP 000422572.1    ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARS.QEVGM  312
NTDB id 1203 PSJM300 01605 AFN76401.1           ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRS.TDLGM  314
NTDB id 1019 ACIAD RS04205 WP 004922051.1       TLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARS.GELGM  315
consensus                                       ***!**  *****    **  **!***!*****!*!**  *! *! **  !******* * **!* ***  ** ** ** * *!!
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logo
                                                 QTFDQALYGLYVKGLLSYDDALEKLADSPNNLRLMIKLASEDDKLLTSASMQPVKSSM        SSDSPGRGLK
                                                 VTMDSYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA
NTDB id 1307 DR RS10055 WP 010888596.1           VTMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAG....LGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA   394
NTDB id 1202 PSJM300 01600 AFN76400.1            QTLDSCLKGLLAKGLISRDSAKEKAKQPENF.............................................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1        QTLDMCLKGLVAKGLISRENAREKAKIPENF.............................................   344
NTDB id 1096358 ACMXYQ RS14850 WP 415892496.1    QTFDDSLFKLFDEGKITQDQAIVNADSANDMRLRMNLAVVDEKAEKTDASPEPEKQSF......DEDNPLAGIKLLDEDE   388
NTDB id 1177 A1552VC RS01165 WP 000422572.1      QTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKIDM......E...............   368
NTDB id 1203 PSJM300 01605 AFN76401.1            QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLEM......SDDDPGRSFR......   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1        QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERKM......TFDGQRRNLK......   383
consensus                                        *!*!  !* !*  * !* * **  !******** *               *       *
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logo
                                                 EVAPATPAAPAAGRSEPGRAGGFGRR
NTDB id 1307 DR RS10055 WP 010888596.1           APATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1202 PSJM300 01600 AFN76400.1            ........................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1        ........................   344
NTDB id 1096358 ACMXYQ RS14850 WP 415892496.1    EV......................   390
NTDB id 1177 A1552VC RS01165 WP 000422572.1      ........................   368
NTDB id 1203 PSJM300 01605 AFN76401.1            ........................   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1        ........................   383
consensus
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X non conserved

X similar

X $\geq$ 50% conserved