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logo
NTDB id 1203 PSJM300 01605 AFN76401.1        ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR    76
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAILNR    76
NTDB id 92878 KAN5 RS11150 WP 016708191.1    ..MTHSLDYFLRLMLEKQGSDLFVSSQLPVSAKINGELIALGDEKISDEESLALVESAMNEKQKAEFHSTKECNFAIATD    78
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ....MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEA.LSVADVTALLHAMMDDARQAEFKQTREANFAVVRD    75
NTDB id 1307 DR RS10055 WP 010888596.1       MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG    80
NTDB id 1020 ACIAD RS04210 WP 011182164.1    ....MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRRDYEEKLETDFSFEVP    76
NTDB id 1194 PAKAF RS01995 WP 003084552.1    ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP    76
consensus                                     *** **! ***    *!!********* *** !**  *    **  **  **  ********** *  ! *!**

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NTDB id 1203 PSJM300 01605 AFN76401.1        G.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGHI   155
NTDB id 1019 ACIAD RS04205 WP 004922051.1    EKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHI   156
NTDB id 92878 KAN5 RS11150 WP 016708191.1    ..EGRFRISAFWQRDRAGMVIRRIVTKIPDVTELGLPSTLTDVIMAKRGLVLFVGGTGTGKSTSLAALLGYRNRNQRGHI   156
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHRTGHI   153
NTDB id 1307 DR RS10055 WP 010888596.1       D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI   159
NTDB id 1020 ACIAD RS04210 WP 011182164.1    N.LARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHI   155
NTDB id 1194 PAKAF RS01995 WP 003084552.1    G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI   155
consensus                                     *!!!***! !*  *!*!*!*! ************ ******* *!!*****!*!!*!!!!**!*** **!* * *!!

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NTDB id 1203 PSJM300 01605 AFN76401.1        ISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQ   235
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHANNANQ   236
NTDB id 92878 KAN5 RS11150 WP 016708191.1    LTIEDPIEFVHEHRKSIITQREVGLDTESFESALKSSLRQAPDVILIGEIRSQETMEYALSFAETGHLCVATLHANNANQ   236
NTDB id 1177 A1552VC RS01165 WP 000422572.1  LTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQ   233
NTDB id 1307 DR RS10055 WP 010888596.1       LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE   239
NTDB id 1020 ACIAD RS04210 WP 011182164.1    LTVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
NTDB id 1194 PAKAF RS01995 WP 003084552.1    LTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
consensus                                    ***!!!!!!!*********!!!!**!!**** !!* *!!**!!*!!*!!*!* !*** !***!!!!!!***!!!***!**

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NTDB id 1203 PSJM300 01605 AFN76401.1        ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ   315
NTDB id 1019 ACIAD RS04205 WP 004922051.1    TLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGELGMQ   316
NTDB id 92878 KAN5 RS11150 WP 016708191.1    AIDRIMHLVPKEKHDKLKYDLSLNLRAIIAQQLVPTADGNGRVAAIEILLNTPIVGELIKKGDIGGIKEAMAKAKDMGMQ   316
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ   313
NTDB id 1307 DR RS10055 WP 010888596.1       SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV   319
NTDB id 1020 ACIAD RS04210 WP 011182164.1    TIDRIIDVFPAEEKDMVRTMLSESLQAVISQTLLK.KEGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSSIQTGATHGMT   314
NTDB id 1194 PAKAF RS01995 WP 003084552.1    TIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIK.KIGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGMQ   314
consensus                                    ***!** *****  ******!***!*****!*!**  *! *!*** !*****! * **!* ***  **  * ******!!*
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NTDB id 1203 PSJM300 01605 AFN76401.1        TFDQALYNLYVVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLE........MSDDDPGRSFR.....   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1    TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERK........MTFDGQRRNLK.....   383
NTDB id 92878 KAN5 RS11150 WP 016708191.1    TFDQALFELYKQQRINYADALHHADSPNDLRLMIKLRNNEQQ...GAGFLQGVTID........GLEPKGQ.........   376
NTDB id 1177 A1552VC RS01165 WP 000422572.1  TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKID........ME..............   368
NTDB id 1307 DR RS10055 WP 010888596.1       TMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGL....GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAA   395
NTDB id 1020 ACIAD RS04210 WP 011182164.1    TLDQSLKQLLAKGIINLPTARAVAKSPESF..................................................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1    TLDMCLKGLVAKGLISRENAREKAKIPENF..................................................   344
consensus                                    !*!**!* !*     !** ***  !**********               *  *
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logo
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NTDB id 1203 PSJM300 01605 AFN76401.1        ........................   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ........................   383
NTDB id 92878 KAN5 RS11150 WP 016708191.1    ........................   376
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ........................   368
NTDB id 1307 DR RS10055 WP 010888596.1       PATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1020 ACIAD RS04210 WP 011182164.1    ........................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1    ........................   344
consensus
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X non conserved
X similar
X $\geq$ 50% conserved