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logo
NTDB id 1177 A1552VC RS01165 WP 000422572.1          ....MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEA.LSVADVTALLHAMMDDARQAEFKQTREANF   70
NTDB id 1019 ACIAD RS04205 WP 004922051.1            ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNF   71
NTDB id 227581 XppCFBP6982P RS14350 WP 008571827.1  .MSTIDFTSFLKLMAHQKASDLFITSGMPPAIKVHGKISPITQTPLTAQQSRDLVLNVMTPSQREEFEKTHECNF   74
NTDB id 1203 PSJM300 01605 AFN76401.1                ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNF   71
NTDB id 1307 DR RS10055 WP 010888596.1               MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDF   75
NTDB id 1194 PAKAF RS01995 WP 003084552.1           ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDF   71
NTDB id 1081 FDQ49 RS05335 WP 006581387.1           ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDF   71
NTDB id 1060 ABD1 RS04380 WP 000355489.1            ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDF   71
NTDB id 1040 HON27 RS13360 WP 000355489.1           ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDF   71
consensus                                               ******!    *****!!* ***!********!*** **    **  **   ***  ************  ! *!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1          AVVR..DSGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTG   143
NTDB id 1019 ACIAD RS04205 WP 004922051.1            AILNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQ   146
NTDB id 227581 XppCFBP6982P RS14350 WP 008571827.1  AIGVS.GVGRFRVSCFYQRNQVGMVLRRIETRIPTVDELSLPPVIKTLSMTKRGIIIFVGATGTGKSTSLAAMIG   148
NTDB id 1203 PSJM300 01605 AFN76401.1                AISAR.GIGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIG   145
NTDB id 1307 DR RS10055 WP 010888596.1               SFALG.DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMID   149
NTDB id 1194 PAKAF RS01995 WP 003084552.1           SFEVP.GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLD   145
NTDB id 1081 FDQ49 RS05335 WP 006581387.1           SFEVP.NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLD   145
NTDB id 1060 ABD1 RS04380 WP 000355489.1            SFEVP.NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLD   145
NTDB id 1040 HON27 RS13360 WP 000355489.1           SFEVP.NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLD   145
consensus                                           ** *   **!!!!**!*!*  *!*!*! !**** ******** *****   *!!*****!*!!*!!!!**!*!**

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NTDB id 1177 A1552VC RS01165 WP 000422572.1          YRNQHRTGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAET   218
NTDB id 1019 ACIAD RS04205 WP 004922051.1            HRNQHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAET   221
NTDB id 227581 XppCFBP6982P RS14350 WP 008571827.1  YRNQNSTGHIITIEDPIEFVHKHEGCIITQREVGIDTDSWENALKNTLRQAPDVIMIGEVRTREGMDHAIAFAET   223
NTDB id 1203 PSJM300 01605 AFN76401.1                YRNKNSSGHISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAET   220
NTDB id 1307 DR RS10055 WP 010888596.1               HINTTKKLHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAET   224
NTDB id 1194 PAKAF RS01995 WP 003084552.1           YLNNTKYHHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAET   220
NTDB id 1081 FDQ49 RS05335 WP 006581387.1           YINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAET   220
NTDB id 1060 ABD1 RS04380 WP 000355489.1            YINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAET   220
NTDB id 1040 HON27 RS13360 WP 000355489.1           YINENRYDHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAET   220
consensus                                           **! **  !!***!!!!!!*!  ******!!!!* !! ****!!* *!!**!!*!**!!*!* !*** !***!!!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1          GHLCMATLHANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIR   293
NTDB id 1019 ACIAD RS04205 WP 004922051.1            GHLVFATLHANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIR   296
NTDB id 227581 XppCFBP6982P RS14350 WP 008571827.1  GHLVLCTLHANNANQAMDRIINFFPEDRRNQLLMDLSLNLKGVVAQQLIPTPDGRGRRVAMEIMLGTPLVQDYIR   298
NTDB id 1203 PSJM300 01605 AFN76401.1                GHLCLATLHANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIR   295
NTDB id 1307 DR RS10055 WP 010888596.1               GHLVMGTLHTNSAPESIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIR   299
NTDB id 1194 PAKAF RS01995 WP 003084552.1           GHLVFGTLHTTSAAKTIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIK.KIGGGRVAAHEIMIGTPAIRNLIR   294
NTDB id 1081 FDQ49 RS05335 WP 006581387.1           GHLVFGTLHTTSAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIR   294
NTDB id 1060 ABD1 RS04380 WP 000355489.1            GHLVFGTLHTTSAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIR   294
NTDB id 1040 HON27 RS13360 WP 000355489.1           GHLVFGTLHTTSAAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIR   294
consensus                                           !!!***!!!***!  ***!******** ****** !* *! ****!*!** * ! *!*** !*****!*** *!!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1177 A1552VC RS01165 WP 000422572.1          RGELHELKATMARSQEVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLK.TKRGDDYG...SGSLQNVK   364
NTDB id 1019 ACIAD RS04205 WP 004922051.1            QGEIYKIKELMARSGELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIK.LSEEANKPLDNRERMSEME   370
NTDB id 227581 XppCFBP6982P RS14350 WP 008571827.1  DGEIHKLKEIMKESTNLGMRTFDQSLFELYQAGEISYEDALRYADSQNEVRLRIK.LSQGGDAKTLSQG.LDGVE   371
NTDB id 1203 PSJM300 01605 AFN76401.1                KGEVHELKGLMKRSTDLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIK.LGSETDGEHLTSV.SQGLT   368
NTDB id 1307 DR RS10055 WP 010888596.1               EGKTFQITSVMQTGAREGMVTMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPA.APPVP   373
NTDB id 1194 PAKAF RS01995 WP 003084552.1            EDKVAQMYSAIQTGGSLGMQTLDMCLKGLVAKGLISRENAREKAKIPENF.........................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1            ENKVAQMYSAIQTGANHGMTTLDQSLKGLVSRGVISPQTARTAAKQPESFL........................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1             ENKVAQMYSAIQTGANHGMTTLDQSLKGLVARGVISPQTARTAAKQPESFL........................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1            ENKVAQMYSAIQTGANHGMTTLDQSLKGLVARGVISPQTARTAAKQPESFL........................   345
consensus                                            **** ** * ***** *!! !*!* ! *!* ***!*    **  !  *  *                        *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1177 A1552VC RS01165 WP 000422572.1          ....IDME....................................   368
NTDB id 1019 ACIAD RS04205 WP 004922051.1            ....RKMTFDGQRRNLK...........................   383
NTDB id 227581 XppCFBP6982P RS14350 WP 008571827.1  ....ISEVR....................................   376
NTDB id 1203 PSJM300 01605 AFN76401.1                ....LEMSDDDPGRSFR...........................   381
NTDB id 1307 DR RS10055 WP 010888596.1               AYNSASSSSTGRGGDFGRGAAAPATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1194 PAKAF RS01995 WP 003084552.1            ............................................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1            ............................................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1             ............................................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1            ............................................   345
consensus
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X non conserved

X similar

X $\geq$ 50% conserved