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logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1      .......MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGE.ALSVADVTALLHAMMDDARQAEFKQTREANFAV   72
NTDB id 1019 ACIAD RS04205 WP 004922051.1        .......MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAI   73
NTDB id 160917 CAter282 RS03360 WP 061532285.1  MERDQATKFMHDLLRLMVSKRGSDLFITADFPPAFKIDGKITPVSNQALTAVHTLELARAIMSDKQAADFEETKECNFAI   80
NTDB id 1203 PSJM300 01605 AFN76401.1            .......MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAI   73
NTDB id 1307 DR RS10055 WP 010888596.1           ...MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSF   77
NTDB id 1283 ACE17W RS02630 WP 010947729.1       .......MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSF   73
NTDB id 1259 GC085 RS10305 WP 010947729.1        .......MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSF   73
NTDB id 1194 PAKAF RS01995 WP 003084552.1        .......MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSF   73
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        .......MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSF   73
consensus                                         *** **!   ** **!!* ***********!*** **  ***  **  *** ************  ! *!**

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NTDB id 1177 A1552VC RS01165 WP 000422572.1      VR..DSGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHRT  150
NTDB id 1019 ACIAD RS04205 WP 004922051.1        LNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSK  153
NTDB id 160917 CAter282 RS03360 WP 061532285.1  SPN.GLGRFRASAFIQQGRVGMVLRVITTDIPKFEDLGLPPTLKDVAMTKRGLVIMVGATGSGKSTTLAAMVGYRNENSY  159
NTDB id 1203 PSJM300 01605 AFN76401.1            SAR.GIGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSS  152
NTDB id 1307 DR RS10055 WP 010888596.1           ALG.DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKK  156
NTDB id 1283 ACE17W RS02630 WP 010947729.1       EIA.NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRY  152
NTDB id 1259 GC085 RS10305 WP 010947729.1        EIA.NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRY  152
NTDB id 1194 PAKAF RS01995 WP 003084552.1        EVP.GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKY  152
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        EVP.NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRY  152
consensus                                         *   **!!!**!!*!   ***!*! !** * ******** ******   !!*****!*!!*!!!!**!******!   **

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NTDB id 1177 A1552VC RS01165 WP 000422572.1      GHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANN  230
NTDB id 1019 ACIAD RS04205 WP 004922051.1        GHIITIEDPIEFIHEHAGCILTQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHANN  233
NTDB id 160917 CAter282 RS03360 WP 061532285.1  GHIITIEDPVEYIHPHKNCIVTQREVGVDTESWSVALKNTLRQAPDVILIGEIRDRETMDYAIAFAETGHLCLATLHANS  239
NTDB id 1203 PSJM300 01605 AFN76401.1            GHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANN  232
NTDB id 1307 DR RS10055 WP 010888596.1           LHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNS  236
NTDB id 1283 ACE17W RS02630 WP 010947729.1       EHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNS  232
NTDB id 1259 GC085 RS10305 WP 010947729.1        EHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNS  232
NTDB id 1194 PAKAF RS01995 WP 003084552.1        HHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTS  232
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        DHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTS  232
consensus                                         !!***!!!*!**!   ******!!!!* !! **  !!* *!!**!!*!!*!!*!* !***  !***!!!!!!***!!!***

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NTDB id 1177 A1552VC RS01165 WP 000422572.1      ANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEV  310
NTDB id 1019 ACIAD RS04205 WP 004922051.1        ANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGEL  313
NTDB id 160917 CAter282 RS03360 WP 061532285.1  ANQALDRIINFFPEERRPQLLMDLSLNLKGIVSQRLIPLKTVKGRCAAVEILLNSPLISDLIFKGDVHEIKEIMKKSREL  319
NTDB id 1203 PSJM300 01605 AFN76401.1            ANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDL  312
NTDB id 1307 DR RS10055 WP 010888596.1           APESIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGARE  316
NTDB id 1283 ACE17W RS02630 WP 010947729.1       ATKTINRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLK.KNKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAK  311
NTDB id 1259 GC085 RS10305 WP 010947729.1        ATKTINRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLK.KNKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAK  311
NTDB id 1194 PAKAF RS01995 WP 003084552.1        AAKTIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIK.KIGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSL  311
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        AAKTIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANH  311
consensus                                         !  ***!******** * **** !* *! ****! !** * * *!***!*** ***** *!***** ** * ****  *
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NTDB id 1177 A1552VC RS01165 WP 000422572.1      GMQTFDQALYQLVDDKISEQDALHSADSANDLRLMLKTKRGDDYGS...GSLQNVK....IDME...............   368
NTDB id 1019 ACIAD RS04205 WP 004922051.1        GMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEME....RKMTFDGQRRNLK......   383
NTDB id 160917 CAter282 RS03360 WP 061532285.1  GMQTFDQALFDLYEDDKITYEDALRNADSINDLRLSIKLRGKEAKDRDLAAGTEHLG....IV.................   378
NTDB id 1203 PSJM300 01605 AFN76401.1            GMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEH.LTSVSQGLT....LEMSDDDPGRSFR......   381
NTDB id 1307 DR RS10055 WP 010888596.1           GMVTMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAP   396
NTDB id 1283 ACE17W RS02630 WP 010947729.1       GMQTLDQHLTELVNKNIISKHTAHEAALNKSLF................................................   344
NTDB id 1259 GC085 RS10305 WP 010947729.1        GMQTLDQHLTELVNKNIISKHTAHEAALNKSLF................................................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1        GMQTLDMCLKGLVAKGLISRENAREKAKIPENF................................................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        GMTTLDQSLKGLVSRGVISPQTARTAAKQPESFL...............................................   345
consensus                                        !!*!*!* !  !* * *!*   **  !     *                        *

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                                                 ATPAAPAAGRSEPGRAGGFGRR
NTDB id 1177 A1552VC RS01165 WP 000422572.1      .......................   368
NTDB id 1019 ACIAD RS04205 WP 004922051.1        .......................   383
NTDB id 160917 CAter282 RS03360 WP 061532285.1  .......................   378
NTDB id 1203 PSJM300 01605 AFN76401.1            .......................   381
NTDB id 1307 DR RS10055 WP 010888596.1           ATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1283 ACE17W RS02630 WP 010947729.1       .......................   344
NTDB id 1259 GC085 RS10305 WP 010947729.1        .......................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1        .......................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        .......................   345
consensus
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X non conserved
X similar
X ≥ 50% conserved