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logo
NTDB id 1141190 DQN52 RS07030 WP 003786168.1  MQVIIPPINEEMRKFIHGLLTHMVNNKGSDLFITAGYPPAMKLDGKLTKITDKPLTADHAMQIARSIMDDKQAEEFLTTN   80
NTDB id 1177 A1552VC RS01165 WP 000422572.1  .............MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDDARQAEFKQTR   66
NTDB id 1203 PSJM300 01605 AFN76401.1        .............MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENH   67
NTDB id 1019 ACIAD RS04205 WP 004922051.1    .............MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETH   67
NTDB id 1283 ACE17W RS02630 WP 010947729.1   .............MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFF   67
NTDB id 1259 GC085 RS10305 WP 010947729.1    .............MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFF   67
NTDB id 1307 DR RS10055 WP 010888596.1       .........MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKR   71
consensus                                                 *** **!  **  **!!*****!*** ****!**  *   ***  **  **  ********** *

logo
NTDB id 1141190 DQN52 RS07030 WP 003786168.1  ECNFAISLPG.VSRFRINAMVQRGAAALVCRVITSDIPKFDNMNLPPVLKQVVMEKRGLVIFVGGTGSGKSTSLAAMIDY  159
NTDB id 1177 A1552VC RS01165 WP 000422572.1  EANFAVVRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGY  144
NTDB id 1203 PSJM300 01605 AFN76401.1        ECNFAISARG.TGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGY  146
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ECNFAILNREKNERFRVSAFQQRDMPGMVIRRIEIKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQH  147
NTDB id 1283 ACE17W RS02630 WP 010947729.1   ETDFSFEIAN.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDY  146
NTDB id 1259 GC085 RS10305 WP 010947729.1    ETDFSFEIAN.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDY  146
NTDB id 1307 DR RS10055 WP 010888596.1       ELDFSFALGD.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDH  150
consensus                                    ! *!** *   **!!!**!* !*  ***!*! ! * ******* !!******** *!!*****!*!!*!!!!**!*****

logo
NTDB id 1141190 DQN52 RS07030 WP 003786168.1  RNENSYGHIITIEDPIEFVHPHKNCILTQREVGVDTENWFAALKNTLRQAPDVILIGEIRDRETMDYALAFAETGHLCMA  239
NTDB id 1177 A1552VC RS01165 WP 000422572.1  RNQHRTGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMA  224
NTDB id 1203 PSJM300 01605 AFN76401.1        RNKNSSGHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLA  226
NTDB id 1019 ACIAD RS04205 WP 004922051.1    RNQHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFA  227
NTDB id 1283 ACE17W RS02630 WP 010947729.1   INSSRYEHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFG  226
NTDB id 1259 GC085 RS10305 WP 010947729.1    INSSRYEHILTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFG  226
NTDB id 1307 DR RS10055 WP 010888596.1       INTTKKLHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMG  230
consensus                                    *!   * *!!**!!!!!!*! ** ****!!!!*!!**** !!***!!**!!*!!*!!*!**!*** !***!!!!!!***

logo
NTDB id 1141190 DQN52 RS07030 WP 003786168.1  TLHANNSNQALDRIINFFPEERRTQLLNDLSLNLKGFISQRLVPKKQGKGRVAAVEILLNSPLISELVLHGDIHAVKEIM  319
NTDB id 1177 A1552VC RS01165 WP 000422572.1  TLHANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATM  304
NTDB id 1203 PSJM300 01605 AFN76401.1        TLHANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLM  306
NTDB id 1019 ACIAD RS04205 WP 004922051.1    TLHANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELM  307
NTDB id 1283 ACE17W RS02630 WP 010947729.1   TLHTNSATKTINRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLKK.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSI  305
NTDB id 1259 GC085 RS10305 WP 010947729.1    TLHTNSATKTINRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLKK.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSI  305
NTDB id 1307 DR RS10055 WP 010888596.1       TLHTNSAPESIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVM  310
consensus                                    !!!*!*******!!* ***** * ** **!***!*****!*!*** ** *!****!****** * **** ***  ** **
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logo

NTDB id 1141190 DQN52 RS07030 WP 003786168.1  AKSRDIGMQTFDQSLFDLYEADLISYDDALRNADSVNDLRLQIQLNSKKNTTAGSGGVLDGLSLTDYA.PPEAEEK....   394
NTDB id 1177 A1552VC RS01165 WP 000422572.1   ARSQEVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKIDME.............   368
NTDB id 1203 PSJM300 01605 AFN76401.1         KRSTDLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTLEMSDDDPGRSFR....   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1     ARSGELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEMERKMTFDGQRRNLK....   383
NTDB id 1283 ACE17W RS02630 WP 010947729.1    QTGQAKGMQTLDQHLTELVNKNIISKHTAHEAALNKSLF.......................................   344
NTDB id 1259 GCO85 RS10305 WP 010947729.1     QTGQAKGMQTLDQHLTELVNKNIISKHTAHEAALNKSLF.......................................   344
NTDB id 1307 DR RS10055 WP 010888596.1        QTGAREGMVTMDAYLAGLFRRHLITYDKGLERAIDPKEFARL...ANDASAGL......GGASMTPAA.PPVPAYNSASS   380
consensus                                      ** **!!*!*!* !**!*   *!** ***  !** ***** *                  * *


logo

                                              SSTGRGGDFGRGAAAPATPAAPAAGRSEPGRAGGFGRR
NTDB id 1141190 DQN52 RS07030 WP 003786168.1  ......................................   394
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
NTDB id 1283 ACE17W RS02630 WP 010947729.1    ......................................   344
NTDB id 1259 GCO85 RS10305 WP 010947729.1     ......................................   344
NTDB id 1307 DR RS10055 WP 010888596.1        SSTGRGGDFGRGAAAPATPAAPAAGRSEPGRAGGFGRR   418
consensus
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X non conserved

X similar

X ≥50% conserved