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logo
NTDB id 349103 EZZ79 RS14465 WP 003410864.1  ....MDFPALLKILASQDGSDLYLSTGAPPCAKFNGVLKPLGSETFKPGEVAVIAQGLMDEEQKLEFQRELEMNLAVSMA   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
NTDB id 1194 PAKAF RS01995 WP 003084552.1    ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1307 DR RS10055 WP 010888596.1       MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
consensus                                      **   *! ***   *!!*****!***  ** !**  *    *    *  **  ** * ** *! *  ! ****

logo
NTDB id 349103 EZZ79 RS14465 WP 003410864.1  G.IGRFRINIFMQRNEVSIVARNIKLDIPRFEDLFLPPVLLDVIMEKRGLVLFVGATGSGKSTSLAALIDYRNRNASGHI  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
NTDB id 1194 PAKAF RS01995 WP 003084552.1    G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI  155
NTDB id 1307 DR RS10055 WP 010888596.1       D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI  159
consensus                                      *!!!* *! !*   * !*! ! * *** *** ** **  *** *!!***  !*!!*!!!!**!*** **!    *!!

logo
NTDB id 349103 EZZ79 RS14465 WP 003410864.1  ITIEDPVEFIHRHKKSIVNQREVGVDTRSFHAALKNTLRQAPDVILIGEIRDRETMEHALAFADTGHLAISTLHANNANQ  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
NTDB id 1194 PAKAF RS01995 WP 003084552.1    LTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
NTDB id 1307 DR RS10055 WP 010888596.1       LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE  239
consensus                                    ***!!!*!!*! ** *** !!!!*!!  *** !!***!!**!!*!!*!!*! *!*** !* *!*!!!! **!!!***!**

logo
NTDB id 349103 EZZ79 RS14465 WP 003410864.1  ALDRIINFFPEERRAQLLHDLGNNLKAFVSQRLVRTPDGKR.RAAVEVMMGTPTIRDLIQRNELTELKGIMEKSGSLGMQ  314
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ  313
NTDB id 1203 PSJM300 01605 AFN76401.1        ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ  315
NTDB id 1019 ACIAD RS04205 WP 004922051.1    TLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGELGMQ  316
NTDB id 1194 PAKAF RS01995 WP 003084552.1    TIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIK.KIGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGMQ  314
NTDB id 1307 DR RS10055 WP 010888596.1       SIDRIVDVFPEEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV  319
consensus                                     **!**  ** *   ** **!* *!*****!*!*   *! ** ** !*** *! * **!* ***  ** ** *** *!!*

logo
NTDB id 349103 EZZ79 RS14465 WP 003410864.1  TFDTALFNLAVEGAISEEEALKNADSQNNVRLRLKLHSEGGAGTLTT..PPPAPTGSSTASTA.....EWGL........  379
NTDB id 1177 A1552VC RS01165 WP 000422572.1  TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GS..GS........LQNV.....KIDM........  367
NTDB id 1203 PSJM300 01605 AFN76401.1        TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTS..VS.........QGL.....TLEM........  371
NTDB id 1019 ACIAD RS04205 WP 004922051.1    TFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNR..ER........MSEM.....ERKM........  373
NTDB id 1194 PAKAF RS01995 WP 003084552.1    TLDMCLKGLVAKGLISRENAREKAKIPENF.............................................  344
NTDB id 1307 DR RS10055 WP 010888596.1       TMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATP  399
consensus                                    !*! *!* !      !* ****  !** * *** **           *                          *
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logo
                                                  AAPAAGRSEPGRAGGFGRR
NTDB id 349103 EZZ79 RS14465 WP 003410864.1  ....VDDDEPGPQA.....   389
NTDB id 1177 A1552VC RS01165 WP 000422572.1  .....E.............   368
NTDB id 1203 PSJM300 01605 AFN76401.1        .....SDDDPGRSFR....   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1    .....TFDGQRRNLK....   383
NTDB id 1194 PAKAF RS01995 WP 003084552.1    ..................   344
NTDB id 1307 DR RS10055 WP 010888596.1       AAPAAGRSEPGRAGGFGRR   418
consensus
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X non conserved

X similar

X $\geq$ 50% conserved