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logo
NTDB id 1307 DR RS10055 WP 010888596.1                MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDF   75
NTDB id 1177 A1552VC RS01165 WP 000422572.1           ....MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEA.LSVADVTALLHAMMDDARQAEFKQTREANF   70
NTDB id 1019 ACIAD RS04205 WP 004922051.1             ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNF   71
NTDB id 1145243 PHAGEPCYII10 RS02100 WP 003110016.1   ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGRVMPVTKTPLSPEQTRETVLGVMNEQQRRDFAENHECNF   71
NTDB id 1203 PSJM300 01605 AFN76401.1                 ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNF   71
consensus                                                 ***  *!********!!*****!********!** ** ***** * ** ** ***** ****! * *!**!

logo
NTDB id 1307 DR RS10055 WP 010888596.1                SFALG.DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMID  149
NTDB id 1177 A1552VC RS01165 WP 000422572.1           AVVRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTG  143
NTDB id 1019 ACIAD RS04205 WP 004922051.1             AILNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQ  146
NTDB id 1145243 PHAGEPCYII10 RS02100 WP 003110016.1   AISARG.IGRFRVSAFYQRNLVGMVLRRIETNIPTLEELKLPEILKKLALTKRGLVIFVGATGTGKSTSLAAMIG  145
NTDB id 1203 PSJM300 01605 AFN76401.1                 AISARG.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIG  145
consensus                                             **  *   *!!!!*!!*!! * !*!*!*!*! *******!!**** *!***!!*****!*!!*!!!!**!*!**

logo
NTDB id 1307 DR RS10055 WP 010888596.1                HINTTKKLHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAET  224
NTDB id 1177 A1552VC RS01165 WP 000422572.1           YRNQHRTGHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAET  218
NTDB id 1019 ACIAD RS04205 WP 004922051.1             HRNQHSKGHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAET  221
NTDB id 1145243 PHAGEPCYII10 RS02100 WP 003110016.1   YRNKNSTGHIISIEDPIEYIHQHQGCIVTQREVGLDTDSFEVALKNTLRQAPDVIMIGEVRSRETMDHAVAFAET  220
NTDB id 1203 PSJM300 01605 AFN76401.1                 YRNKNSSGHIISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAET  220
consensus                                             **!  ***!!***!!!!!**! * **!**!!!!!*!!*!***!!***!!!!!!*!**!!*!**!*** !***!!!

logo
NTDB id 1307 DR RS10055 WP 010888596.1                GHLVMGTLHTNSAPESIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIR  299
NTDB id 1177 A1552VC RS01165 WP 000422572.1           GHLCMATLHANNANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIR  293
NTDB id 1019 ACIAD RS04205 WP 004922051.1             GHLVFATLHANNANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIR  296
NTDB id 1145243 PHAGEPCYII10 RS02100 WP 003110016.1   GHLCLATLHANNANQALERIIHFFPADRHGQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLLNTPLAADLIR  295
NTDB id 1203 PSJM300 01605 AFN76401.1                 GHLCLATLHANNANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIR  295
consensus                                             !!!***!!!*!*!*****!!********  !****!**!!*****!!!*** *!**!****!*!*!***!*****!!

logo
NTDB id 1307 DR RS10055 WP 010888596.1                EGKTFQITSVMQTGAREGMVTMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPA  374
NTDB id 1177 A1552VC RS01165 WP 000422572.1           RGELHELKATMARSQEVGMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDYGS...........  357
NTDB id 1019 ACIAD RS04205 WP 004922051.1             QGEIYKIKELMARSGELGMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPL...........  360
NTDB id 1145243 PHAGEPCYII10 RS02100 WP 003110016.1   KGEVHELKPLMKRSTEQGMQTFDQALYQLYTQGEITYEDALAHADSANDLRLMIKLGSESDADH...........  359
NTDB id 1203 PSJM300 01605 AFN76401.1                 KGEVHELKGLMKRSTDLGMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEH...........  359
consensus                                             *!****** *! ** **!!*!*!**!**!*     !*****! *!** ************ **
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logo
                                                  YNSASSSSTGRGGDFGRGAAAPATPAAPAAGRSEPGRAGGFGRR
NTDB id 1307 DR RS10055 WP 010888596.1            YNSASSSSTGRGGDFGRGAAAPATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1177 A1552VC RS01165 WP 000422572.1       G...SLQN....VKIDME.............................   368
NTDB id 1019 ACIAD RS04205 WP 004922051.1         DNRERMSEMERKMTFDGQ............RRN.......LK..   383
NTDB id 1145243 PHAGEPCYII10 RS02100 WP 003110016.1 L.....SNLTQGLSLEITDDDP......A.GRR.......FR..   382
NTDB id 1203 PSJM300 01605 AFN76401.1             L.....TSVSQGLTLEMSDDDP......G..RS.......FR..   381
consensus                                               *  *   ******     *       *   *         **
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X non conserved

X similar

X $\geq$ 50% conserved