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logo
NTDB id 1307 DR RS10055 WP 010888596.1      MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
NTDB id 1008102 Q9L42 RS06675 WP 305909206.1 ....MEFKDYLKILVHKDGSDLYLTVGAPPAAKFQGALKPLEATALSKERIKAIADDIMDAEQREQFEHVPEMNLAIAEP   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
consensus                                       *** **!**** * *!!*****!***  ***!** **  * ** * ** **  ** * ** *! *  ! ****

logo
NTDB id 1307 DR RS10055 WP 010888596.1      D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI  159
NTDB id 1008102 Q9L42 RS06675 WP 305909206.1 G.IGRFRVNIFKQRNSHAMVIRNIKVDIPNADDLGLPQILKNKIMEKRGLILFVGGTGSGKSTSLAALIDHRNSHSSGHI  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
consensus                                   *!!!!**! !! * **!*!*!** *** *** !! *** *** *!!*****!*!!*!!!!**!*** **! ****!!

logo
NTDB id 1307 DR RS10055 WP 010888596.1      LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE  239
NTDB id 1008102 Q9L42 RS06675 WP 305909206.1 ITIEDPIEYVHPHKKCLVNQREVGVDTCSYEDALKNTLRQAPDVILIGEIRSQETMEHALAFAETGHLCLSTLHANNANQ  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
consensus                                   ***!!!!!**! ** ****!!!!!*!!*!***!!***!!!!!!*!!*!!*!**!*** !***!!!!!!***!!!*!*!**

logo
NTDB id 1307 DR RS10055 WP 010888596.1      SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIRECGKTFQITSVMQTGAREGMV  319
NTDB id 1008102 Q9L42 RS06675 WP 305909206.1 ALDRIINFFPEERRGQLLLDLSLNLQAFVSQRLIPTVDGK.RTAAIEILLGTQLVSDLIHKGEIHSIKEAMEKSENIGMQ  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
consensus                                   ***!!* *** **   !* **!**!!*****!*!*** *!**! ***!*!****** **!**!*** ** *! ** **!!*

logo
NTDB id 1307 DR RS10055 WP 010888596.1      TMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPA..Y.....N..SASSSSTGRGGDFG  390
NTDB id 1008102 Q9L42 RS06675 WP 305909206.1 TFDSHLLKLYKAGTISLEEALRNADSPNNLKLKIN.LSEGRGSATAEETEKSSKSAGLAKLALQELEKDDESEEE..NEK  391
NTDB id 1177 A1552VC RS01165 WP 000422572.1 TFDQALYQLVVDDKISEQDALHSADSANDLRLMLK.TKRGDDY...GSG.............SLQNVKIDME.........  368
NTDB id 1203 PSJM300 01605 AFN76401.1       TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIK.LGSETDGEHLTSV............S.QGLTLEMSDDDPGRSFR  381
NTDB id 1019 ACIAD RS04205 WP 004922051.1   TFDQALFDLYDHQHISYADALKHADSPNNLRLQIK.LSEEANKPLDNRE............RMSEMERKMTFDGQRRNLK  383
consensus                                   !*!**!* !*    !*****!  !********** ** *                        ** *  *** *      *
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logo
                                                RGAAAPATPAAPAAGRSEPGRAGGFGRR
NTDB id 1307 DR RS10055 WP 010888596.1          RGAAAPATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1008102 Q9L42 RS06675 WP 305909206.1    ............................   391
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
consensus
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X non conserved
X similar
X ≥ 50% conserved