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NTDB id 1194 PAKAF RS01995 WP 003084552.1     .......MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSF   73
NTDB id 1202 PSJM300 01600 AFN76400.1         .......MDITELLAFSAKQGASDLHLSSGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSF   73
NTDB id 1307 DR RS10055 WP 010888596.1        ...MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSF   77
NTDB id 211321 BLE401 RS04290 WP 062149516.1  MEREEAMSLMIKLLKLMLKEDGSDLFITAGFPPAMKVKGKMTPMMKQPLSAADSRALTLCIMNDKQLKEFESTKECNFAI   80
NTDB id 1177 A1552VC RS01165 WP 000422572.1   .......MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDDARQAEFKQTREANFAV   72
NTDB id 1203 PSJM300 01605 AFN76401.1         .......MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAI   73
NTDB id 1019 ACIAD RS04205 WP 004922051.1     .......MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAI   73
consensus                                      *** **! **** **!!*****!*** *** !** * *** * *** **********!** ! *!**
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NTDB id 1194 PAKAF RS01995 WP 003084552.1     EVPG.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKY   152
NTDB id 1202 PSJM300 01600 AFN76400.1         EVPG.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKY   152
NTDB id 1307 DR RS10055 WP 010888596.1        ALGD.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKK   156
NTDB id 211321 BLE401 RS04290 WP 062149516.1  APPG.LTRFRCNAFIQQGYSGLIMRVIPVEIPNFDKLGLPQVLKEVIMAKNGLIIMVGGTGSGKSTTMAAMVDHRNANTY   159
NTDB id 1177 A1552VC RS01165 WP 000422572.1   VRD..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHRT   150
NTDB id 1203 PSJM300 01605 AFN76401.1         SARG.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSS   152
NTDB id 1019 ACIAD RS04205 WP 004922051.1     LNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSK   153
consensus                                        * **!!!**!! !*    !***! !**************** *** **!*****!*!!*!!!!**!*!****!* *
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NTDB id 1194 PAKAF RS01995 WP 003084552.1     HHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTS   232
NTDB id 1202 PSJM300 01600 AFN76400.1         HHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTS   232
NTDB id 1307 DR RS10055 WP 010888596.1        LHILTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNS   236
NTDB id 211321 BLE401 RS04290 WP 062149516.1  GHIITIEDPIEFVHPHKNCVIMQREVGVDTFSWEAALHNTLRQAPDVILLGEIRDAEIMNFGLEFAQTGHLAMATLHANN   239
NTDB id 1177 A1552VC RS01165 WP 000422572.1   GHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANN   230
NTDB id 1203 PSJM300 01605 AFN76401.1         GHISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANN   232
NTDB id 1019 ACIAD RS04205 WP 004922051.1     GHIITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHANN   233
consensus                                     *!!***!!!!!!*!*** *** !!!!**!! *** !!***!!**!!*!!*!!*!* !** ****!*!!!!***!!!***
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NTDB id 1194 PAKAF RS01995 WP 003084552.1     AAKTIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIK.KIGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSL   311
NTDB id 1202 PSJM300 01600 AFN76400.1         AAKTIDRVVDVFPAEEKSMVRSMLSESLQAVISQTLLK.KVGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSSIQTGGSL   311
NTDB id 1307 DR RS10055 WP 010888596.1        APESIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGARE   316
NTDB id 211321 BLE401 RS04290 WP 062149516.1  SNQAIDRVLGFFPVEKQKKLMQDISLNLRAIISQRLIRTISG.GRAAAIEIMLNTPLIQELIATGKVSEMKPIMSKSREL   318
NTDB id 1177 A1552VC RS01165 WP 000422572.1   ANQALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEV   310
NTDB id 1203 PSJM300 01605 AFN76401.1         ANQALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDL   312
NTDB id 1019 ACIAD RS04205 WP 004922051.1     ANQTLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGETYKIKELMARSGEL   313
consensus                                     ******!** ***** ** ******!*****!*!** ! *! ** !*****! * **!* *** ** ** *****
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NTDB id 1194 PAKAF RS01995 WP 003084552.1        GMQTLDMCLKGLVAKGLISRENAREKAKIPENF.....................................   344
NTDB id 1202 PSJM300 01600 AFN76400.1            GMQTLDSCLKGLLAKGLISRDSAKEKAKQPENF.....................................   344
NTDB id 1307 DR RS10055 WP 010888596.1           GMVTMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAP   396
NTDB id 211321 BLE401 RS04290 WP 062149516.1     GMQTFDQALFDLHEADKITLEEALRNADSANELRLKIKLEGKNAKGVDALAASGGL....SIKEVEEK.............   382
NTDB id 1177 A1552VC RS01165 WP 000422572.1      GMQTFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNV....KIDME................   368
NTDB id 1203 PSJM300 01605 AFN76401.1            GMQTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGL....TLEMSDDDPGRSFR.......   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1        GMQTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSEEANKPLDNRERMSEM....ERKMTFDGQRRNLK.......   383
consensus                                        !!*!*!**!* !      !* ****   !********* **                  *
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NTDB id 1194 PAKAF RS01995 WP 003084552.1        ......................   344
NTDB id 1202 PSJM300 01600 AFN76400.1            ......................   344
NTDB id 1307 DR RS10055 WP 010888596.1           ATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 211321 BLE401 RS04290 WP 062149516.1     ......................   382
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