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NTDB id 1116 NGFG RS10615 WP 003690200.1    ....MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMRRINLPEMSAEEVGNMVTSVMNDHQRKIYQQNLEVDFSFELP   76
NTDB id 1086 NMV RS00245 WP 002218487.1     ....MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMRRINLPEMSAEEVGNMVTSVMNDHQRKIYQQNLEVDFSFELP   76
NTDB id 1185 GTF74 RS11940 WP 000350195.1   ....MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP   76
NTDB id 1176 A1552VC RS01160 WP 000350195.1 ....MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP   76
NTDB id 1283 ACE17W RS02630 WP 010947729.1  ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 1259 GCO85 RS10305 WP 010947729.1   ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 1194 PAKAF RS01995 WP 003084552.1   ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1202 PSJM300 01600 AFN76400.1       ....MDITELLAFSAKQGASDLHLSSGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1020 ACIAD RS04210 WP 011182164.1   ....MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRRDYEEKLETDFSFEVP   76
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NTDB id 1060 ABD1 RS04380 WP 000355489.1    ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1040 HON27 RS13360 WP 000355489.1   ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 126079 AMD20 RS18645 WP 003484093.1 ....MDIGYFLKLMTEKNASDMFLTTGAPVYIKIEGKLYPLGNTGLPPGMVKKIAYSLMDEGQVPQFEERLELNMAIALP   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                                     *** **!****** *!!*****!*********!********* * * **  ******************** *! *******
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NTDB id 1116 NGFG RS10615 WP 003690200.1    N.VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI   155
NTDB id 1086 NMV RS00245 WP 002218487.1     N.VARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI   155
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NTDB id 1020 ACIAD RS04210 WP 011182164.1   N.LARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHI   155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1   N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI   155
NTDB id 1060 ABD1 RS04380 WP 000355489.1    N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI   155
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NTDB id 126079 AMD20 RS18645 WP 003484093.1 D.AGRFRVNVFKQRGEVGMVIRAIRSRIPSIEELNLPQQVLKDVIMTPRGLVLVVGSTGSGKSTSLASMIDHRNSTTTGHI   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                                   * **!!!!**!** ** **!*!*!** *******  ** *** **  **!*****!*!!*!!!!**!*******!  *  !!
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NTDB id 1116 NGFG RS10615 WP 003690200.1    LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK  235
NTDB id 1086 NMV RS00245 WP 002218487.1     LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK  235
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NTDB id 1202 PSJM300 01600 AFN76400.1       LTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1   LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK  235
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NTDB id 126079 AMD20 RS18645 WP 003484093.1 LTIEDPIEYLHKHKMSIVNQREVGLDTHAFQSALKNAMREAPDVILIGEILDAETMEAAIAFAETGHLCLATLHSNNADQ  235
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NTDB id 1203 PSJM300 01605 AFN76401.1       ISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQ  235
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consensus                                   ***!!!!!**!  ******!!!*****! **  !!****!**!!*!!*!!***  !** *!***!!!!!!***!!!***!**
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NTDB id 1040 HON27 RS13360 WP 000355489.1   TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT  314
NTDB id 126079 AMD20 RS18645 WP 003484093.1 TIERILNFFPESAHKNVLMNLALNLRAVISQRLVKGVDGRR.RPATEVLLNTPMIRDLLRRGQVHEVKQAMEESLEEGMQ  314
NTDB id 1177 A1552VC RS01165 WP 000422572.1 ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ  313
NTDB id 1203 PSJM300 01605 AFN76401.1       ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ  315
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consensus                                   ***!*************** *!***!  ****!  !***   ********!**************!* ******* *****   !!*
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NTDB id 1194 PAKAF RS01995 WP 003084552.1   TLDMCLKGLVAKGLISRENAREKAKI.PENF.......................................................   344
NTDB id 1202 PSJM300 01600 AFN76400.1       TLDSCLKGLLAKGLISRDSAKEKAKQ.PENF.......................................................   344
NTDB id 1020 ACIAD RS04210 WP 011182164.1   TLDQSLKQLLAKGIINLPTARAVAKS.PESF.......................................................   344
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NTDB id 1040 HON27 RS13360 WP 000355489.1   TLDQSLKGLVARGVISPQTARTAAKQ.PESFL......................................................   345
NTDB id 126079 AMD20 RS18645 WP 003484093.1 TFDQCLFRMVKSGEIEQEEALRAADSRDGLALKFRLSEGGSGEHDPYADYEAAAA........PKISHG....FI.....   377
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consensus                                   !***  *   **  *****    *    *       *
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NTDB id 1307 DR RS10055 WP 010888596.1      PATPAAPAAGRSEPGRAGGFGRR   418
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NTDB id 1086 NMV RS00245 WP 002218487.1     .......................   347
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NTDB id 1283 ACE17W RS02630 WP 010947729.1  .......................   344
NTDB id 1259 GCO85 RS10305 WP 010947729.1   .......................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1   .......................   344
NTDB id 1202 PSJM300 01600 AFN76400.1       .......................   344
NTDB id 1020 ACIAD RS04210 WP 011182164.1   .......................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1   .......................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1    .......................   345
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NTDB id 126079 AMD20 RS18645 WP 003484093.1 .......................   377
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NTDB id 1203 PSJM300 01605 AFN76401.1       .......................   381
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consensus
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X non conserved
X similar
X ≥ 50% conserved