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NTDB id 1019 ACIAD RS04205 WP 004922051.1        ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAILNR   76
NTDB id 297388 SM269186 RS15830 WP 001055657.1  ....MNMEEIVTLSVKHNVSDLHLCNAWPARWRKQGRME...TAPFTAPDVDRLLLDWLNDAQQYQWRTHGQLDFAVSL.   72
NTDB id 1307 DR RS10055 WP 010888596.1           MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFAL.   79
NTDB id 1086 NMV RS00245 WP 002218487.1          ....MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMRRINLPEMSAEEVGNMVTSVMNDHQRKIYQQNLEVDFSFEL.   75
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NTDB id 1185 GTF74 RS11940 WP 000350195.1        ....MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFEL.   75
NTDB id 1176 A1552VC RS01160 WP 000350195.1      ....MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFEL.   75
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1        ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEV.   75
consensus                                            ************ *!!*************!******** *** ** ********************** ** *!****
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logo
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NTDB id 1176 A1552VC RS01160 WP 000350195.1      PNVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHI   155
NTDB id 1283 ACE17W RS02630 WP 010947729.1       ANLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI   155
NTDB id 1259 GCO85 RS10305 WP 010947729.1        ANLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI   155
NTDB id 1194 PAKAF RS01995 WP 003084552.1        PGVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI   155
NTDB id 1202 PSJM300 01600 AFN76400.1            PGVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI   155
NTDB id 1020 ACIAD RS04210 WP 011182164.1        PNLARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHI   155
NTDB id 1060 ABD1 RS04380 WP 000355489.1         PNVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI   155
NTDB id 1040 HON27 RS13360 WP 000355489.1        PNVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI   155
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consensus                                        ****!*!***!** ** ****!**** ********** *** **  **!*****!*!!*!!!!**!******!  *  !!
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NTDB id 297388 SM269186 RS15830 WP 001055657.1  LTLEDPIEYRYTSKRCLIQQREIGQHCATFAAGLRAALREDPDVILLGELRDSETIRLALTAAETGHLVLATLHTRGAAQ   232
NTDB id 1307 DR RS10055 WP 010888596.1           LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE   239
NTDB id 1086 NMV RS00245 WP 002218487.1          LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK   235
NTDB id 1116 NGFG RS10615 WP 003690200.1         LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK   235
NTDB id 1185 GTF74 RS11940 WP 000350195.1        LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTSSAAK   235
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NTDB id 1202 PSJM300 01600 AFN76400.1            LTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
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NTDB id 1060 ABD1 RS04380 WP 000355489.1         LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
NTDB id 1040 HON27 RS13360 WP 000355489.1        LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
consensus                                        *!*!!!!!*** *******!!!***** **  *!***!!**!!*!!*!!*!* !****!***!!!!!!***!!!*****!**
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logo
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NTDB id 297388 SM269186 RS15830 WP 001055657.1  AVERLVDSFPAQEKEPVRSQLAGSLRAVLSQKLEVD.RQDGRVALFELLINTPATGNLIREGKLHQLAHVIQTGQQQGMM   311
NTDB id 1307 DR RS10055 WP 010888596.1           SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV   319
NTDB id 1086 NMV RS00245 WP 002218487.1          TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQ   315
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NTDB id 1020 ACIAD RS04210 WP 011182164.1        TIDRIIDVFPAEEKDMVRTMLSESLQAVISQTLLKK.EGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSSIQTGATHGMT   314
NTDB id 1060 ABD1 RS04380 WP 000355489.1         TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT   314
NTDB id 1040 HON27 RS13360 WP 000355489.1        TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT   314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT   314
consensus                                        ***!*************!***! *!**! !***  ***!****!*********!!* ******* *****  !!*
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NTDB id 1177 A1552VC RS01165 WP 000422572.1      TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDYGSGSLQ...NVKIDME.......................  368
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NTDB id 1283 ACE17W RS02630 WP 010947729.1       TLDQHLTELVNKNISKHTAHEAALN.KSLF.................................................  344
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NTDB id 1202 PSJM300 01600 AFN76400.1            TLDSCLKGLLAKGLISRDSAKEKAKQ.PENF................................................  344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1         TLDQSLKGLVARGVISPQTARTAAKQ.PESFL...............................................  345
NTDB id 1040 HON27 RS13360 WP 000355489.1        TLDQSLKGLVARGVISPQTARTAAKQ.PESFL...............................................  345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1        TLDQSLKGLVSRGVISPQTARTAAKQ.PESFL...............................................  345
consensus                                        !*** *  ** *****   *   *      *

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1      .......................  368
NTDB id 1019 ACIAD RS04205 WP 004922051.1        .......................  383
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NTDB id 1307 DR RS10055 WP 010888596.1           ATPAAPAAGRSEPGRAGGFGRR  418
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NTDB id 1116 NGFG RS10615 WP 003690200.1         .......................  347
NTDB id 1185 GTF74 RS11940 WP 000350195.1        .......................  345
NTDB id 1176 A1552VC RS01160 WP 000350195.1      .......................  345
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consensus
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X non conserved
X similar
X $\geq$ 50% conserved