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NTDB id 1177 A1552VC RS01165 WP 000422572.1     ....MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEA.LSVADVTALLHAMMDDARQAEFKQTREANFAV.VR   74
NTDB id 1203 PSJM300 01605 AFN76401.1           ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR   76
NTDB id 93063 SEESL791 RS03695 WP 023202164.1   ....MNMEEIVTLSVKHNVSDLHLCNAWPARWRKQGRM...EIAPFTAPDVDRLLLDWLNDAQQYQWRTHGQLDFAVSLS   73
NTDB id 1448 BW25113 RS15320 WP 001326494.1     ....MNMEEIVALSVKHNVSDLHLCSAWPARWRIRGRM...EAAPFDTPDVEELLREWLDDDQRAILLENGQLDFAVSLA   73
NTDB id 1307 DR RS10055 WP 010888596.1          MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
NTDB id 1086 NMV RS00245 WP 002218487.1         ....MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMRRINLPEMSAEEVGNMVTSVMNDHQRKIYQQNLEVDFSFELP   76
NTDB id 1116 NGFG RS10615 WP 003690200.1        ....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 PA0395 NP 249086.1                 ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
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NTDB id 1040 HON27 RS13360 WP 000355489.1       ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
consensus                                           *** *********  *!!*******************!*********  *  *  **   *********  *******  **  *!******
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NTDB id 93063 SEESL791 RS03695 WP 023202164.1   GTRRLRASAFTHQQGTSLALRLLPERCPDLAEIQTPPIVPALLASENGLILVTGATGCGKSTTLAAMVGHLNQHADKHIL   153
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NTDB id 1307 DR RS10055 WP 010888596.1          DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHIL   160
NTDB id 1086 NMV RS00245 WP 002218487.1         NVARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHIL   156
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NTDB id 1185 GTF74 RS11940 WP 000350195.1       NVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHIL   156
NTDB id 1176 A1552VC RS01160 WP 000350195.1     NVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHIL   156
NTDB id 1283 ACE17W RS02630 WP 010947729.1      NLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHIL   156
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NTDB id 1194 PA0395 NP 249086.1                 GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHIL   156
NTDB id 1202 PSJM300 01600 AFN76400.1           GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHIL   156
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NTDB id 1060 ABD1 RS04380 WP 000355489.1        NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHIL   156
NTDB id 1040 HON27 RS13360 WP 000355489.1       NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHIL   156
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHIL   156
consensus                                       ***!*!***!**  **  ****!****  **********  **   *     *!**!**!*!!*!!!!**!***  **!   *   !!*
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NTDB id 93063 SEESL791 RS03695 WP 023202164.1 TLEDPIEYRYTSKRCLIQQREIGQHCATFAAGLRAALREDPDVILLGELRDSETIRLALTAAETGHLVLATLHTRGAAQA  233
NTDB id 1448 BW25113 RS15320 WP 001326494.1   TLEDPVEYLYASQRCLIQQREIGLHCMTFASGLRAALREDPDVILLGELRDSETIRLALTAAETGHLVLATLHTRGAAQA  233
NTDB id 1307 DR RS10055 WP 010888596.1        TIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPES  240
NTDB id 1086 NMV RS00245 WP 002218487.1       TIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAKT  236
NTDB id 1116 NGFG RS10615 WP 003690200.1      TIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAKT  236
NTDB id 1185 GTF74 RS11940 WP 000350195.1     TIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTSSAAKT  236
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NTDB id 1259 GCO85 RS10305 WP 010947729.1     TVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATKT  236
NTDB id 1194 PA0395 NP 249086.1               TIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT  236
NTDB id 1202 PSJM300 01600 AFN76400.1         TIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT  236
NTDB id 1020 ACIAD RS04210 WP 011182164.1     TVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT  236
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NTDB id 1040 HON27 RS13360 WP 000355489.1     TVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT  236
NTDB id 1081 FDQ49 RS05335 WP 006581387.1     TVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT  236
consensus                                     **!!!*!***  *******!!!******  **   *!***!!**!!*!!*!!*!*  !!***!***!!!!!!***!!!***!***
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NTDB id 93063 SEESL791 RS03695 WP 023202164.1 VERLVDSFPAQEKEPVRSQLAGSLRAVLSQKLEVD.RQDGRVALFELLINTPATGNLIREGKLHQLAHVIQTGQQQGMMT  312
NTDB id 1448 BW25113 RS15320 WP 001326494.1   VERLVDSFPAQEKDPVRNQLAGSLRAVLSQKLEVD.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGMIT  312
NTDB id 1307 DR RS10055 WP 010888596.1        IDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMVT  320
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NTDB id 1116 NGFG RS10615 WP 003690200.1      VDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQT  316
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NTDB id 1194 PA0395 NP 249086.1               IDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIKK.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGMQT  315
NTDB id 1202 PSJM300 01600 AFN76400.1         IDRVVDVFPAEEKSMVRSMLSESLQAVISQTLLKK.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSSIQTGGSLGMQT  315
NTDB id 1020 ACIAD RS04210 WP 011182164.1     IDRIIDVFPAEEKDMVRTMLSESLQAVISQTLLKK.EGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSSIQTGATHGMTT  315
NTDB id 1060 ABD1 RS04380 WP 000355489.1      IDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMTT  315
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1     IDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMTT  315
consensus                                     **!*****!**********!***!  ****!  !***   **!!**  *!*************!!!*  *******  ****    !!*!
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NTDB id 1177 A1552VC RS01165 WP 000422572.1    FDQALYQLVVDDKISEQDALHSADSANDLRLMLKT..KRGDDYGSG..SLQNVKI....DME.....................  368
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NTDB id 1086 NMV RS00245 WP 002218487.1        MDQSLQSLVRQGLIAPEVARRRAQNSESMSF.............................................  347
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NTDB id 1185 GTF74 RS11940 WP 000350195.1      MEQNAKQLIARGVVDAQEVQSKIELDLKAF..............................................  345
NTDB id 1176 A1552VC RS01160 WP 000350195.1    MEQNAKQLIARGVVDAQEVQSKIELDLKAF..............................................  345
NTDB id 1283 ACE17W RS02630 WP 010947729.1     LDQHLTELVNKNIISKHTAHEAALN.KSLF..............................................  344
NTDB id 1259 GCO85 RS10305 WP 010947729.1      LDQHLTELVNKNIISKHTAHEAALN.KSLF..............................................  344
NTDB id 1194 PA0395 NP 249086.1                LDMCLKGLVAKGLISRENAREKAKI.PENF..............................................  344
NTDB id 1202 PSJM300 01600 AFN76400.1          LDSCLKGLLAKGLISRDSAKEKAKQ.PENF..............................................  344
NTDB id 1020 ACIAD RS04210 WP 011182164.1      LDQSLKQLLAKGIINLPTARAVAKS.PESF..............................................  344
NTDB id 1060 ABD1 RS04380 WP 000355489.1       LDQSLKGLVARGVISPQTARTAAKQ.PESFL.............................................  345
NTDB id 1040 HON27 RS13360 WP 000355489.1      LDQSLKGLVARGVISPQTARTAAKQ.PESFL.............................................  345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1      LDQSLKGLVSRGVISPQTARTAAKQ.PESFL.............................................  345
consensus                                      *** *  ** *****   *   *      *
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NTDB id 1177 A1552VC RS01165 WP 000422572.1    ..................  368
NTDB id 1203 PSJM300 01605 AFN76401.1          ..................  381
NTDB id 93063 SEESL791 RS03695 WP 023202164.1  ..................  326
NTDB id 1448 BW25113 RS15320 WP 001326494.1    ..................  326
NTDB id 1307 DR RS10055 WP 010888596.1         AAPAAGRSEPGRAGGFGRR  418
NTDB id 1086 NMV RS00245 WP 002218487.1        ..................  347
NTDB id 1116 NGFG RS10615 WP 003690200.1       ..................  347
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NTDB id 1202 PSJM300 01600 AFN76400.1          ..................  344
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consensus
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X non conserved
X similar
X ≥50% conserved