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NTDB id 1203 PSJM300 01605 AFN76401.1        ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR  76
NTDB id 1019 ACIAD RS04205 WP 004922051.1    ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAILNR  76
NTDB id 1448 BW25113 RS15320 WP 001326494.1  ....MNMEELVALSVKHNVSDLHLCSAWPARWRIRGRMEA...APFDTPDVEELLREWLDDDQRAILLENGQLDFAVSLA  73
NTDB id 1307 DR RS10055 WP 010888596.1       MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG  80
NTDB id 1086 NMV RS00245 WP 002218487.1      ....MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMRRINLPEMSAEEVGNMVTSVMNDHQRKIYQQNLEVDFSFELP  76
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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 1202 PSJM300 01600 AFN76400.1        ....MDITELLAFSAKQGASDLHLSSGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP  76
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1    ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP  76
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NTDB id 1040 HON27 RS13360 WP 000355489.1    ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP  76
consensus                                      *** ********* *!!*******************!********* *** **  ********************** ** *!*****
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NTDB id 1307 DR RS10055 WP 010888596.1       D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI  159
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NTDB id 1176 A1552VC RS01160 WP 000350195.1  N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHI  155
NTDB id 1283 ACE17W RS02630 WP 010947729.1   N.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI  155
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NTDB id 1194 PAKAF RS01995 WP 003084552.1    G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI  155
NTDB id 1020 ACIAD RS04210 WP 011182164.1    N.LARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHI  155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI  155
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NTDB id 1040 HON27 RS13360 WP 000355489.1    N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI  155
consensus                                    * **!*!***!** ** ****!**** ********** *** **    *!******!*!!*!!!!**!*** **!  *  !!
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NTDB id 1177 A1552VC RS01165 WP 000422572.1  LTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQ  233
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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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consensus                                    ***!!!*!*** ********!!!****** **  *!***!!**!!*!!*!!*!* !****!***!!!!!!***!!!***!**
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NTDB id 1177 A1552VC RS01165 WP 000422572.1  ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ  313
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NTDB id 1307 DR RS10055 WP 010888596.1       SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV  319
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NTDB id 1185 GTF74 RS11940 WP 000350195.1    TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQ  314
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NTDB id 1194 PAKAF RS01995 WP 003084552.1    TIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIKK.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGMQ  314
NTDB id 1020 ACIAD RS04210 WP 011182164.1    TIDRIIDVFPAEEKDMVRTMLSESLQAVISQTLLKK.EGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSSIQTGATHGMT  314
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT  314
NTDB id 1060 ABD1 RS04380 WP 000355489.1     TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT  314
NTDB id 1040 HON27 RS13360 WP 000355489.1    TIDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMT  314
consensus                                    ***!************** *!***! ****! !***  ***!****!************!!* ******* *****  !!*
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NTDB id 1177 A1552VC RS01165 WP 000422572.1  TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKR.GDDY...GSGSLQNVKI.........DME.............  368
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NTDB id 1086 NMV RS00245 WP 002218487.1      TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF.....................................................  347
NTDB id 1116 NGFG RS10615 WP 003690200.1     TMDQSLQSLVRQGLIAPEAARRRAQNSESMSF.....................................................  347
NTDB id 1185 GTF74 RS11940 WP 000350195.1    TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....................................................  345
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NTDB id 1283 ACE17W RS02630 WP 010947729.1   TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....................................................  344
NTDB id 1259 GCO85 RS10305 WP 010947729.1    TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....................................................  344
NTDB id 1202 PSJM300 01600 AFN76400.1        TLDSCLKGLLAKGLISRDSAKEKAKQP.ENF.....................................................  344
NTDB id 1194 PAKAF RS01995 WP 003084552.1    TLDMCLKGLVAKGLISRENAREKAKIP.ENF.....................................................  344
NTDB id 1020 ACIAD RS04210 WP 011182164.1    TLDQSLKQLLAKGIINLPTARAVAKSP.ESF.....................................................  344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL....................................................  345
NTDB id 1060 ABD1 RS04380 WP 000355489.1     TLDQSLKGLVARGVISPQTARTAAKQP.ESFL....................................................  345
NTDB id 1040 HON27 RS13360 WP 000355489.1    TLDQSLKGLVARGVISPQTARTAAKQP.ESFL....................................................  345
consensus                                    !*** *  ** *****   *   *      *
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NTDB id 1177 A1552VC RS01165 WP 000422572.1  ..........................  368
NTDB id 1203 PSJM300 01605 AFN76401.1        ..........................  381
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NTDB id 1448 BW25113 RS15320 WP 001326494.1  ..........................  326
NTDB id 1307 DR RS10055 WP 010888596.1       APATPAAPAAGRSEPGRAGGFGRR    418
NTDB id 1086 NMV RS00245 WP 002218487.1      ..........................  347
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consensus
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X non conserved
X similar
X ≥ 50% conserved