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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 1307 DR RS10055 WP 010888596.1       MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
NTDB id 1116 NGFG RS10615 WP 003690200.1     ....MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMRRINLPEMSAEEVGNMVTSVMNDHQRKIYQQNLEVDFSFELP   76
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NTDB id 1185 GTF74 RS11940 WP 000350195.1    ....MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP   76
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NTDB id 1283 ACE17W RS02630 WP 010947729.1  ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 1259 GC085 RS10305 WP 010947729.1   ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 170668 AYM39 RS21515 WP 054759731.1 ....MDIAELLTFSVKNKASDLHLSAGLPPMIRVDGDIRRINIPALNHKEVHALIYDIMNDKQRRDYEEFLETDFSFALP   76
NTDB id 1202 PSJM300 01600 AFN76400.1        ....MDITELLAFSAKQGASDLHLSSGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1194 PAKAF RS01995 WP 003084552.1    ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
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NTDB id 1040 HON27 RS13360 WP 000355489.1    ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
consensus                                       *** **!****** *!!*****!********!******** * * **  ************** *! *!*****

logo
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NTDB id 1116 NGFG RS10615 WP 003690200.1     N.VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI  155
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NTDB id 1259 GC085 RS10305 WP 010947729.1   N.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI  155
NTDB id 170668 AYM39 RS21515 WP 054759731.1 G.VARFRVNAFNQDRGAGAVFRTIPSKVLTLEELDAPKFFQELCTKPRGLILVTGPTGSGKSTTLAAMINHINNNDYAHI  155
NTDB id 1202 PSJM300 01600 AFN76400.1        G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI  155
NTDB id 1194 PAKAF RS01995 WP 003084552.1    G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI  155
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NTDB id 1040 HON27 RS13360 WP 000355489.1    N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI  155
consensus                                    * **!!!!**!** *****!*!*!** ******* ** *** **  **!******!*!!*!!!!**!*** **!  *  !!
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logo
NTDB id 1177 A1552VC RS01165 WP 000422572.1   LTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQ   233
NTDB id 1203 PSJM300 01605 AFN76401.1         ISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQ   235
NTDB id 1019 ACIAD RS04205 WP 004922051.1     ITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHANNANQ   236
NTDB id 1307 DR RS10055 WP 010888596.1        LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE   239
NTDB id 1116 NGFG RS10615 WP 003690200.1      LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK   235
NTDB id 1086 NMV RS00245 WP 002218487.1       LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK   235
NTDB id 1185 GTF74 RS11940 WP 000350195.1     LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTSSAAK   235
NTDB id 1176 A1552VC RS01160 WP 000350195.1   LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTSSAAK   235
NTDB id 1283 ACE17W RS02630 WP 010947729.1    LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK   235
NTDB id 1259 GC085 RS10305 WP 010947729.1     LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK   235
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NTDB id 1020 ACIAD RS04210 WP 011182164.1     LTVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
NTDB id 1081 FDQ49 RS05335 WP 006581387.1     LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
NTDB id 1060 ABD1 RS04380 WP 000355489.1      LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
NTDB id 1040 HON27 RS13360 WP 000355489.1     LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
consensus                                     ***!!!!!!*! *******!!!****! **  !!***!!**!!*!!*!!*!* !****!***!!!!!!***!!!***!**
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logo
NTDB id 1177 A1552VC RS01165 WP 000422572.1   ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ   313
NTDB id 1203 PSJM300 01605 AFN76401.1         ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ   315
NTDB id 1019 ACIAD RS04205 WP 004922051.1     TLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGELGMQ   316
NTDB id 1307 DR RS10055 WP 010888596.1        SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV   319
NTDB id 1116 NGFG RS10615 WP 003690200.1      TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQ   315
NTDB id 1086 NMV RS00245 WP 002218487.1       TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQ   315
NTDB id 1185 GTF74 RS11940 WP 000350195.1     TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQ   314
NTDB id 1176 A1552VC RS01160 WP 000350195.1   TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQ   314
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NTDB id 170668 AYM39 RS21515 WP 054759731.1  TIDRIIDVFPAAEKDMIRAMLSESLQAVISQTLLKK.VGGGRIAAHEIMVGTPAIRNLIREAKVAQMYSAIQTGRKDGMQ   314
NTDB id 1202 PSJM300 01600 AFN76400.1         TIDRVVDVFPAEEKSMVRSMLSESLQAVISQTLLKK.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSSIQTGGSLGMQ   314
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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logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  TFDQALYQLVVDDKISEQDALHSADSANDLRLMLK.TKRGDDY...GSGSL..QNV.KIDME...................  368
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NTDB id 1116 NGFG RS10615 WP 003690200.1     TMDQSLQSLVRQGLIAPEAARRRAQNSESMSF..............................................  347
NTDB id 1086 NMV RS00245 WP 002218487.1      TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF..............................................  347
NTDB id 1185 GTF74 RS11940 WP 000350195.1    TMEQNAKQLIARGVVDAQEVQSKIELDLKAF................................................  345
NTDB id 1176 A1552VC RS01160 WP 000350195.1  TMEQNAKQLIARGVVDAQEVQSKIELDLKAF................................................  345
NTDB id 1283 ACE17W RS02630 WP 010947729.1   TLDQHLTELVNKNIISKHTAHEAALN.KSLF.................................................  344
NTDB id 1259 GC085 RS10305 WP 010947729.1    TLDQHLTELVNKNIISKHTAHEAALN.KSLF.................................................  344
NTDB id 170668 AYM39 RS21515 WP 054759731.1  TLDQNLKELVDKGLITAKAAMTRAVN.KDMFR..............................................  345
NTDB id 1202 PSJM300 01600 AFN76400.1        TLDSCLKGLLAKGLISRDSAKEKAKQ.PENF.................................................  344
NTDB id 1194 PAKAF RS01995 WP 003084552.1    TLDMCLKGLVAKGLISRENAREKAKI.PENF.................................................  344
NTDB id 1020 ACIAD RS04210 WP 011182164.1    TLDQSLKQLLAKGIINLPTARAVAKS.PESF.................................................  344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    TLDQSLKGLVSRGVISPQTARTAAKQ.PESFL................................................  345
NTDB id 1060 ABD1 RS04380 WP 000355489.1     TLDQSLKGLVARGVISPQTARTAAKQ.PESFL................................................  345
NTDB id 1040 HON27 RS13360 WP 000355489.1    TLDQSLKGLVARGVISPQTARTAAKQ.PESFL................................................  345
consensus                                    !*** *  !* *****   *   *    * *

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  ....................  368
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NTDB id 1116 NGFG RS10615 WP 003690200.1     ....................  347
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NTDB id 1040 HON27 RS13360 WP 000355489.1    ....................  345
consensus
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X non conserved

X similar

X ≥ 50% conserved