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logo
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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 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 GC085 RS10305 WP 010947729.1      ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
NTDB id 1000760 ABFU00 RS06840 WP 003489919.1 ....MDIAELLAFSVKNKASDLHLSAGLPPMIRVDGDVRRINIPALDHKQVHALVYDIMSDKQRRDYEEFLEVDFSFEIP   76
NTDB id 1202 PSJM300 01600 AFN76400.1          ....MDITELLAFSAKQGASDLHLSSGLPPMIRVDGDVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1194 PAKAF RS01995 WP 003084552.1      ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
NTDB id 1020 ACIAD RS04210 WP 011182164.1      ....MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1      ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1060 ABD1 RS04380 WP 000355489.1       ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1040 HON27 RS13360 WP 000355489.1      ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
consensus                                          *** **!****** *!!*****!********!******** *** **  ************** *! *!*****
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logo
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NTDB id 1086 NMV RS00245 WP 002218487.1        N.VARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHI   155
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NTDB id 1176 A1552VC RS01160 WP 000350195.1    N.VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHI   155
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NTDB id 1202 PSJM300 01600 AFN76400.1          G.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHI   155
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NTDB id 1020 ACIAD RS04210 WP 011182164.1      N.LARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHI   155
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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
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NTDB id 1116 NGFG RS10615 WP 003690200.1       LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK   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 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
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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 1176 A1552VC RS01160 WP 000350195.1    TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQ   314
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NTDB id 1000760 ABFU00 RS06840 WP 003489919.1 TIDRIIDVFPAGEKPMVRSMLSESLRAVISQALLKK.VGGGRTAAWEIMVGTPAIRNLIREDKVAQMYSSIQTGQQYGMQ   314
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NTDB id 1194 PAKAF RS01995 WP 003084552.1      TIDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIKK.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGMQ   314
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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    TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY...GSGSLQNVKI........DME.............  368
NTDB id 1203 PSJM300 01605 AFN76401.1          TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLTL........EMSDDDPGRSFR.....  381
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NTDB id 1086 NMV RS00245 WP 002218487.1        TMDQSLQSLVRQGLIAPEVARRRAQNSESM..SF..............................................  347
NTDB id 1116 NGFG RS10615 WP 003690200.1       TMDQSLQSLVRQGLIAPEAARRRAQNSESM..SF..............................................  347
NTDB id 1185 GTF74 RS11940 WP 000350195.1      TMEQNAKQLIARGVVDAQEVQSKIELDLKA..F...............................................  345
NTDB id 1176 A1552VC RS01160 WP 000350195.1    TMEQNAKQLIARGVVDAQEVQSKIELDLKA..F...............................................  345
NTDB id 1283 ACE17W RS02630 WP 010947729.1     TLDQHLTELVNKNIISKHTAHEAAL.NKSL..F...............................................  344
NTDB id 1259 GCO85 RS10305 WP 010947729.1      TLDQHLTELVNKNIISKHTAHEAAL.NKSL..F...............................................  344
NTDB id 1000760 ABFU00 RS06840 WP 003489919.1  TLDQHLQDLVKRSLITRNQAREYAK.DKRI..FE..............................................  345
NTDB id 1202 PSJM300 01600 AFN76400.1          TLDSCLKGLLAKGLISRDSAKEKAK.QPEN..F...............................................  344
NTDB id 1194 PAKAF RS01995 WP 003084552.1      TLDMCLKGLVAKGLISRENAREKAK.IPEN..F...............................................  344
NTDB id 1020 ACIAD RS04210 WP 011182164.1      TLDQSLKQLLAKGIINLPTARAVAK.SPES..F...............................................  344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1      TLDQSLKGLVSRGVISPQTARTAAK.QPES..FL..............................................  345
NTDB id 1060 ABD1 RS04380 WP 000355489.1       TLDQSLKGLVARGVISPQTARTAAK.QPES..FL..............................................  345
NTDB id 1040 HON27 RS13360 WP 000355489.1      TLDQSLKGLVARGVISPQTARTAAK.QPES..FL..............................................  345
consensus                                      !*** *  !* *****   *   *        *

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1    .......................   368
NTDB id 1203 PSJM300 01605 AFN76401.1          .......................   381
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NTDB id 1086 NMV RS00245 WP 002218487.1        .......................   347
NTDB id 1116 NGFG RS10615 WP 003690200.1       .......................   347
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NTDB id 1176 A1552VC RS01160 WP 000350195.1    .......................   345
NTDB id 1283 ACE17W RS02630 WP 010947729.1     .......................   344
NTDB id 1259 GCO85 RS10305 WP 010947729.1      .......................   344
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NTDB id 1202 PSJM300 01600 AFN76400.1          .......................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1      .......................   344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1       .......................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1      .......................   345
consensus
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X non conserved
X similar
X ≥ 50% conserved