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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 1448 BW25113 RS15320 WP 001326494.1 ....MNMEEIVALSVKHNVSDLHLCSAWPARWRIRGRMEA...APFDTPDVEELLREWLDDDQRAILLENGQLDFAVSLA   73
NTDB id 1307 DR RS10055 WP 010888596.1       MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFALG   80
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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
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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 1060 ABD1 RS04380 WP 000355489.1     ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
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consensus                                       ***  ********* *!!*******************!********  ***  **  ********************  **  *!*****

logo
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NTDB id 1307 DR RS10055 WP 010888596.1       D.KARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI  159
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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
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1    N.VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHI  155
consensus                                    * **!*!***!** ** ****!**** ********** *** **    *!******!*!!*!!!!**!*** **!  *  !!
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logo
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NTDB id 1019 ACIAD RS04205 WP 004922051.1     ITIEDPIEFIHEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMDYALAFAETGHLVFATLHANNANQ   236
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NTDB id 1086 NMV RS00245 WP 002218487.1       LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK   235
NTDB id 1116 NGFG RS10615 WP 003690200.1      LTIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAK   235
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NTDB id 1176 A1552VC RS01160 WP 000350195.1  LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTSSAAK   235
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NTDB id 1259 GC085 RS10305 WP 010947729.1     LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK   235
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NTDB id 1060 ABD1 RS04380 WP 000355489.1      LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1     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 1448 BW25113 RS15320 WP 001326494.1  AVERLVDSFPAQEKDPVRNQLAGSLRAVLSQKLEVD.KQEGRVALFELLINTPAVGNLIREGKTHQLPHVIQTGQQVGMI   311
NTDB id 1307 DR RS10055 WP 010888596.1        SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV   319
NTDB id 1086 NMV RS00245 WP 002218487.1       TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQ   315
NTDB id 1116 NGFG RS10615 WP 003690200.1      TVDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQ   315
NTDB id 1185 GTF74 RS11940 WP 000350195.1     TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQ   314
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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 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   TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKR.GDDY...GSGSLQNVKI........DME.............   368
NTDB id 1203 PSJM300 01605 AFN76401.1         TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGS.ETDGEHLTSVS.QGLTL........EMSDDDPGRSFR....   381
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NTDB id 1448 BW25113 RS15320 WP 001326494.1  TFQQSYQHRVGEGRL.......................................................................   326
NTDB id 1307 DR RS10055 WP 010888596.1        TMDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGG.....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA   394
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
NTDB id 1176 A1552VC RS01160 WP 000350195.1   TMEQNAKQLIARGVVDAQEVQSKIELDLKAF................................................   345
NTDB id 1283 ACE17W RS02630 WP 010947729.1    TLDQHLTELVNKNIISKHTAHEAALNK.SLF................................................   344
NTDB id 1259 GC085 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 1060 ABD1 RS04380 WP 000355489.1      TLDQSLKGLVARGVISPQTARTAAKQP.ESFL...............................................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1     TLDQSLKGLVARGVISPQTARTAAKQP.ESFL...............................................   345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1     TLDQSLKGLVSRGVISPQTARTAAKQP.ESFL...............................................   345
consensus                                     !*** *  ** *****   *   *      *

logo
                                              

NTDB id 1177 A1552VC RS01165 WP 000422572.1   ........................   368
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NTDB id 1307 DR RS10055 WP 010888596.1        APATPAAPAAGRSEPGRAGGFGRR   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 1283 ACE17W RS02630 WP 010947729.1    ........................   344
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NTDB id 1194 PAKAF RS01995 WP 003084552.1     ........................   344
NTDB id 1020 ACIAD RS04210 WP 011182164.1     ........................   344
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1     ........................   345
consensus
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X non conserved
X similar
X ≥ 50% conserved