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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
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NTDB id 1259 GC085 RS10305 WP 010947729.1      ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEIA   76
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NTDB id 1194 PAKAF RS01995 WP 003084552.1      ....MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP   76
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consensus                                          ******!****** *!!*****!********!******** *** **  ****************** *! *!*****

logo
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NTDB id 1259 GC085 RS10305 WP 010947729.1      N.LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI  155
NTDB id 1171045 ACOOFO RS14860 WP 420427529.1 G.LARFRVNAFNQARGAGAVFRTIPSTILTLEDLNAPEVFKKIIDVPRGIVLVTGPTGSGKSTTLAAMIDYINKTEYGHI  155
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NTDB id 1040 HON27 RS13360 WP 000355489.1      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
NTDB id 1185 GTF74 RS11940 WP 000350195.1      LTIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTSSAAK   235
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NTDB id 1283 ACE17W RS02630 WP 010947729.1     LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK   235
NTDB id 1259 GC085 RS10305 WP 010947729.1      LTVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATK   235
NTDB id 1171045 ACOOFO RS14860 WP 420427529.1 LTIEDPIEFVHQSNKCLINQREVHRDTLGFNEALRSALREDPDVVLVGELRDLETIRLALTAAETGHLVFGTLHTSSAAK   235
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1      LTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   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 1019 ACIAD RS04205 WP 004922051.1      TLERIIHFFDADRHQQIFMDLSLNLKAVISQQLIPTHDGQSRRAAVEVLINTPLLSDYIRQGEIYKIKELMARSGELGMQ   316
NTDB id 1307 DR RS10055 WP 010888596.1         SIDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMV   319
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NTDB id 1176 A1552VC RS01160 WP 000350195.1    TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQ   314
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NTDB id 1202 PSJM300 01600 AFN76400.1          TIDRVVDVFPAEEKSMVRSMLSESLQAVISQTLLKK.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSSIQTGGSLGMQ   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     TFDQALYQLVVDDKISEQDALHSADSANDLR..LMLKTKRGDDY...GSGSLQNVKI........DME............   368
NTDB id 1203 PSJM300 01605 AFN76401.1           TFDQALYNLYVQGEITYEDALLHADSSNDLR..LMIKLGSETDGEHLTSVS.QGLTL........EMSDDDPGRSFR...   381
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NTDB id 1307 DR RS10055 WP 010888596.1          TMDAYLAGLFRRHLITYDKGLERAID.PKEFARLANDASAGLGG.....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGA   393
NTDB id 1086 NMV RS00245 WP 002218487.1         TMDQSLQSLVRQGLIAPEVARRRAQNSESMS..........F.......................................   347
NTDB id 1116 NGFG RS10615 WP 003690200.1        TMDQSLQSLVRQGLIAPEAARRRAQNSESMS..........F.......................................   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 GCO85 RS10305 WP 010947729.1       TLDQHLTELVNKNIISKHTAHEAALN.KSLF..............................................   344
NTDB id 1171045 ACOOFO RS14860 WP 420427529.1   TLDQNLKKLVDRGIVSNSEARAYANS.KADF..........AGG..................................   347
NTDB id 1194 PAKAF RS01995 WP 003084552.1       TLDMCLKGLVAKGLISRENAREKAKI.PENF..............................................   344
NTDB id 1202 PSJM300 01600 AFN76400.1           TLDSCLKGLLAKGLISRDSAKEKAKQ.PENF..............................................   344
NTDB id 1020 ACIAD RS04210 WP 011182164.1       TLDQSLKQLLAKGIINLPTARAVAKS.PESF..............................................   344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1       TLDQSLKGLVSRGVISPQTARTAAKQ.PESF..........L....................................   345
NTDB id 1060 ABD1 RS04380 WP 000355489.1        TLDQSLKGLVARGVISPQTARTAAKQ.PESF..........L....................................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1       TLDQSLKGLVARGVISPQTARTAAKQ.PESF..........L....................................   345
consensus                                       !*** *  !* *****   *   *      *

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NTDB id 1177 A1552VC RS01165 WP 000422572.1     ..........................   368
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NTDB id 1086 NMV RS00245 WP 002218487.1         ..........................   347
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1       ..........................   345
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