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logo
NTDB id 1203 PSJM300 01605 AFN76401.1          ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR   76
NTDB id 1019 ACIAD RS04205 WP 004922051.1      ....MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIETHECNFAILNR   76
NTDB id 1096651 ACMOCX RS20055 WP 411637469.1 ....MNLDALLTELVARKGSDLFITVGTPPTLKVNGHLQSLTEAPLDKAGALALVKETLSPEHFERYLHTKEANYAIHR.   75
NTDB id 1177 A1552VC RS01165 WP 000422572.1    ....MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEAL.SVADVTALLHAMMDDARQAEFKQTREANFAVVR.   74
NTDB id 1307 DR RS10055 WP 010888596.1         MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSGDYDAQGFEPLSASDTRKLMYSMMNERQQRIFEEKRELDFSFAL.   79
NTDB id 1185 GTF74 RS11940 WP 000350195.1      ....MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFEL.   75
NTDB id 1176 A1552VC RS01160 WP 000350195.1    ....MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFEL.   75
NTDB id 1283 ACE17W RS02630 WP 010947729.1     ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEI.   75
NTDB id 1259 GCO85 RS10305 WP 010947729.1      ....MDIAELLAFSVKNKSSDLHISAGMPPMIRVDGDLRKINLPPLEHKDVIKIIYDIMNDRQRKEYEEFFETDFSFEI.   75
NTDB id 1020 ACIAD RS04210 WP 011182164.1      ....MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRRDYEEKLETDFSFEV.   75
consensus                                          *** **! **** **!!*****!********!***** **** * ** ****************  ! ******

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NTDB id 1203 PSJM300 01605 AFN76401.1          G.IGRFRVSAFYQRNLAGMVLRRIETNIPTIEDLKLPDVLKKLALTKRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGHI   155
NTDB id 1019 ACIAD RS04205 WP 004922051.1      EKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSKGHI   156
NTDB id 1096651 ACMOCX RS20055 WP 411637469.1 EELGRFRVSAFWQQELPGMVLRRIETRIPTFDELALPPILQEIALAKRGLVLFVGATGAGKSTTQAAMIGYRNQHMDGHI   155
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NTDB id 1307 DR RS10055 WP 010888596.1         GDKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHI   159
NTDB id 1185 GTF74 RS11940 WP 000350195.1      PNVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHI   155
NTDB id 1176 A1552VC RS01160 WP 000350195.1    PNVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHI   155
NTDB id 1283 ACE17W RS02630 WP 010947729.1     ANLARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVIDYINSSRYEHI   155
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NTDB id 1020 ACIAD RS04210 WP 011182164.1      PNLARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHI   155
consensus                                       ***!!!!**! ! ** **!*!*!** ********** ****** * *!*****!*!!*!!!!**!*** **! **  !!

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NTDB id 1203 PSJM300 01605 AFN76401.1          ISIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQ   235
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NTDB id 1096651 ACMOCX RS20055 WP 411637469.1 LTVEDPVEFVHQHGRSLITQREVGIDTASFDVALKSSLRQAPDVILIGEIRSQETMEFALQFAETGHLCLATLHANNANQ   235
NTDB id 1177 A1552VC RS01165 WP 000422572.1    LTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQ   233
NTDB id 1307 DR RS10055 WP 010888596.1         LTIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPE   239
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
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NTDB id 1020 ACIAD RS04210 WP 011182164.1      LTVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAK   235
consensus                                      ***!!!*!!*!  ******!!!!**!! *** !!***!!  !!*!!*!!*!* !** *!***!!!!!!***!!!***!  *
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logo
NTDB id 1203 PSJM300 01605 AFN76401.1          ALDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQ   315
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NTDB id 1096651 ACMOCX RS20055 WP 411637469.1 ALDRILHLVPQEKHRQFLFDLSFNLRAIVAQQLLPSLDGRRRCAAFEVLLNTPLITDIIRKGEMHRLKEVMTKSTELGMQ   315
NTDB id 1177 A1552VC RS01165 WP 000422572.1   ALERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQ   313
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NTDB id 1176 A1552VC RS01160 WP 000350195.1   TIDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQ   314
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NTDB id 1259 GCO85 RS10305 WP 010947729.1     TINRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLKK.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGMQ   314
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consensus                                      ***!!*********** ****!** !*****!*!*** ****!*** !*** *******!!**************  !!*

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NTDB id 1203 PSJM300 01605 AFN76401.1          TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDGEHLTSVS.QGLT........LEMSDDDPGRSFR.....   381
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NTDB id 1177 A1552VC RS01165 WP 000422572.1   TFDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDYG...SGSLQNVK........IDME...............   368
NTDB id 1307 DR RS10055 WP 010888596.1         TMDAYLAGLFRRHLITYDKGLER.A..IDPKEFARLANDASAGLGGA.SMTPAAPPVPAYNSASSSSTGRGGDFGRGAAA   395
NTDB id 1185 GTF74 RS11940 WP 000350195.1      TMEQNAKQLIARGVVDAQEVQSKIE..LDLKAF.............................................   345
NTDB id 1176 A1552VC RS01160 WP 000350195.1   TMEQNAKQLIARGVVDAQEVQSKIE..LDLKAF.............................................   345
NTDB id 1283 ACE17W RS02630 WP 010947729.1    TLDQHLTELVNKNIISKHTAHEA.A..LNKSLF.............................................   344
NTDB id 1259 GCO85 RS10305 WP 010947729.1     TLDQHLTELVNKNIISKHTAHEA.A..LNKSLF.............................................   344
NTDB id 1020 ACIAD RS04210 WP 011182164.1     TLDQSLKQLLAKGIINLPTARAV.A..KSPESF.............................................   344
consensus                                      !***  *  *!* *****   ***    *   ****** *

logo
                                               PATPAAPAAGRSEPGRAGGFGRR
NTDB id 1203 PSJM300 01605 AFN76401.1          .......................   381
NTDB id 1019 ACIAD RS04205 WP 004922051.1      .......................   383
NTDB id 1096651 ACMOCX RS20055 WP 411637469.1 .......................   369
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NTDB id 1307 DR RS10055 WP 010888596.1         PATPAAPAAGRSEPGRAGGFGRR   418
NTDB id 1185 GTF74 RS11940 WP 000350195.1      .......................   345
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NTDB id 1283 ACE17W RS02630 WP 010947729.1    .......................   344
NTDB id 1259 GCO85 RS10305 WP 010947729.1     .......................   344
NTDB id 1020 ACIAD RS04210 WP 011182164.1     .......................   344
consensus
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X non conserved
X similar
X ≥50% conserved