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NTDB id 1203 PSJM300 01605 AFN76401.1        ....MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETVHGVMNEQQRREFTENHECNFAISAR   76
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NTDB id 152020 LI63 RS20730 WP 003860028.1   ....MDVEEIVALSVKHNVSDLHLCSDSPPRWRRSGRLEPAPFPP...PDVEALLKAWLNDEQQGAWWANGQVDFAVTLT   73
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
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NTDB id 1020 ACIAD RS04210 WP 011182164.1   ....MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1060 ABD1 RS04380 WP 000355489.1    ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1040 HON27 RS13360 WP 000355489.1   ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1   ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
consensus                                    ************* *!!*************!******** * * **  ************** ** *!*****
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NTDB id 152020 LI63 RS20730 WP 003860028.1   GGQRLRGSAFKHMHGVSIALRLLPLTCPQLSALGVPRAIPELLSNDNGLILVTGATGSGKSTTLAAMVDFLNHQTDGHIL   153
NTDB id 1307 DR RS10055 WP 010888596.1       DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHIL   160
NTDB id 1086 NMV RS00245 WP 002218487.1      NVARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHIL   156
NTDB id 1116 NGFG RS10615 WP 003690200.1     NVARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHIL   156
NTDB id 1185 GTF74 RS11940 WP 000350195.1    NVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHIL   156
NTDB id 1176 A1552VC RS01160 WP 000350195.1 NVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHIL   156
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NTDB id 1194 PAKAF RS01995 WP 003084552.1   GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAMLDYLNNTKYHHIL   156
NTDB id 1020 ACIAD RS04210 WP 011182164.1   NLARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAMLDYINNHRYDHIL   156
NTDB id 1060 ABD1 RS04380 WP 000355489.1    NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHIL   156
NTDB id 1040 HON27 RS13360 WP 000355489.1   NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHIL   156
NTDB id 1081 FDQ49 RS05335 WP 006581387.1   NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVLVTGPTGSGKSTTLAAMLDYINENRYDHIL   156
consensus                                   ***!*!***!** *******!**** ********** *** **  **!**!**!*!!*!!!!**!******!  *  !!*
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NTDB id 1203 PSJM300 01605 AFN76401.1        SIEDPIEFIHQHQNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAVAFAETGHLCLATLHANNANQA   236
NTDB id 1177 A1552VC RS01165 WP 000422572.1  TVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANNANQA   234
NTDB id 152020 LI63 RS20730 WP 003860028.1   TLEDPVEFMYQSERCLIQQREIGLHSPSFAEALRSALREDPDVILLGELRDSETIRLALTAAETGHLVLATLHTRGAAQA   233
NTDB id 1307 DR RS10055 WP 010888596.1       TIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPES   240
NTDB id 1086 NMV RS00245 WP 002218487.1      TIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAKT   236
NTDB id 1116 NGFG RS10615 WP 003690200.1     TIEDPIEFVHQSKKSLINQRELHQHTLSFANALSSALREDPDVILVGEMRDPETIGLALTAAETGHLVFGTLHTTGAAKT   236
NTDB id 1185 GTF74 RS11940 WP 000350195.1    TIEDPIEFVHSNNKCLINQREVHRDTHSFKNALRSALREDPDVILVGELRDQETISLALTAAETGHLVFGTLHTSSAAKT   236
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NTDB id 1259 GC085 RS10305 WP 010947729.1    TVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATKT   236
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NTDB id 1194 PAKAF RS01995 WP 003084552.1    TIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
NTDB id 1020 ACIAD RS04210 WP 011182164.1    TVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
NTDB id 1060 ABD1 RS04380 WP 000355489.1     TVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
NTDB id 1040 HON27 RS13360 WP 000355489.1    TVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    TVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
consensus                                    **!!!*!!*********!!!***** **  !!***!!**!!*!!*!!*!* !!***!***!!!!!!***!!!***!***
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NTDB id 1203 PSJM300 01605 AFN76401.1        LDRIINFFPADRQNQVWMDLSLNLKAIVAQQLVPTPDGKGRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDLGMQT   316
NTDB id 1177 A1552VC RS01165 WP 000422572.1  LERILHLVPKEQREQFLLDLSLNLKGVIAQQLLRDKNGKGRHGVFEVLLNSPRIADLIRRGELHELKATMARSQEVGMQT   314
NTDB id 152020 LI63 RS20730 WP 003860028.1   IERLVDTFPAQEKDPVRNQLAGSLRAVLAQKLRQD.VQGGRVALYELLVNTSAAANLIREGKTWQLPGIIQTGQQAGMQN   312
NTDB id 1307 DR RS10055 WP 010888596.1       IDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMVT   320
NTDB id 1086 NMV RS00245 WP 002218487.1      VDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQT   316
NTDB id 1116 NGFG RS10615 WP 003690200.1     VDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQT   316
NTDB id 1185 GTF74 RS11940 WP 000350195.1    IDRIIDVFPGSDKDMVRSMLSESLRAVIAQKLLKR.VGGGRVACHEIMLATPAIRNLIREDKVAQMYSIIQTGAAHGMQT   315
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NTDB id 1283 ACE17W RS02630 WP 010947729.1   INRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLKK.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGMQT   315
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NTDB id 1202 PSJM300 01600 AFN76400.1        IDRVVDVFPAEEKSMVRSMLSESLQAVISQTLLKK.VGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSSIQTGGSLGMQT   315
NTDB id 1194 PAKAF RS01995 WP 003084552.1    IDRVVDVFPAEEKAMVRSMLSESLQSVISQTLIKK.IGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGGSLGMQT   315
NTDB id 1020 ACIAD RS04210 WP 011182164.1    IDRIIDVFPAEEKDMVRTMLSESLQAVISQTLLKK.EGGGRVAAHEIMIGIPAIRNLIREGKVAQMYSSIQTGATHGMTT   315
NTDB id 1060 ABD1 RS04380 WP 000355489.1     IDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMTT   315
NTDB id 1040 HON27 RS13360 WP 000355489.1    IDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMTT   315
NTDB id 1081 FDQ49 RS05335 WP 006581387.1    IDRVIDVFPAEEKDMVRAMLSESLQAVISQTLLKK.NGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANHGMTT   315
consensus                                    **!*****!*********!***! ****! !***  **!!****!*********!!!* ******* *****  !!**
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NTDB id 1203 PSJM300 01605 AFN76401.1     FDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGSETDG.EHLTSVSQGLTL....EMSDDDPGRSFR..........   381
NTDB id 1177 A1552VC RS01165 WP 000422572.1 FDQALYQLVVDDKISEQDALHSADSANDLRLMLKTKRGDDY.GSG..SLQNVKI....DME...................   368
NTDB id 152020 LI63 RS20730 WP 003860028.1 FEQSLAERRAQGRL..............................................................   326
NTDB id 1307 DR RS10055 WP 010888596.1    MDAYLAGLFRRHLITYDKGLERAIDPKEFARLANDASAGLGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATPA   400
NTDB id 1086 NMV RS00245 WP 002218487.1   MDQSLQSLVRQGLIAPEVARRRAQNSESMSF..................................................   347
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NTDB id 1283 ACE17W RS02630 WP 010947729.1 LDQHLTELVNKNIISKHTAHEAALNK.SLF.....................................................   344
NTDB id 1259 GC085 RS10305 WP 010947729.1 LDQHLTELVNKNIISKHTAHEAALNK.SLF.....................................................   344
NTDB id 1202 PSJM300 01600 AFN76400.1     LDSCLKGLLAKGLISRDSAKEKAKQP.ENF....................................................   344
NTDB id 1194 PAKAF RS01995 WP 003084552.1 LDMCLKGLVAKGLISRENAREKAKIP.ENF....................................................   344
NTDB id 1020 ACIAD RS04210 WP 011182164.1 LDQSLKQLLAKGIINLPTARAVAKSP.ESF....................................................   344
NTDB id 1060 ABD1 RS04380 WP 000355489.1  LDQSLKGLVARGVISPQTARTAAKQP.ESFL...................................................   345
NTDB id 1040 HON27 RS13360 WP 000355489.1 LDQSLKGLVARGVISPQTARTAAKQP.ESFL...................................................   345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1 LDQSLKGLVSRGVISPQTARTAAKQP.ESFL...................................................   345
consensus                                 *** *  ** *****   *   *    * *
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logo
                                          
NTDB id 1203 PSJM300 01605 AFN76401.1     ..................   381
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NTDB id 1307 DR RS10055 WP 010888596.1    APAAGRSEPGRAGGFGRR   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 1259 GC085 RS10305 WP 010947729.1 ..................   344
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
NTDB id 1081 FDQ49 RS05335 WP 006581387.1 ..................   345
consensus
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X non conserved
X similar
X $\geq$ 50% conserved