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NTDB id 298223 DN066 RS04575 WP 017692691.1 ....MDVEEIVALSVKHNVSDLHLCSDSPPRWRRSGRLEPAPFPP...PDVEALLKAWLNDEQQGAWWANGQVDFAVTLA   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 1081 FDQ49 RS05335 WP 006581387.1   ....MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALEHKDVHRLVYDIMNDKQRRDYEEKLETDFSFEVP   76
consensus                                    ************* *!!*************!******** * * **  ***************** ** *!*****
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NTDB id 298223 DN066 RS04575 WP 017692691.1 GRQRLRGSAFKHMLGVSIALRLLPLTCPQLSALGVPRAIPELLSNDNGLILVTGATGSGKSTTLAAMVDFLNHQTDGHIL   153
NTDB id 1307 DR RS10055 WP 010888596.1       DKARFRVNAFMQRGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKKLHIL   160
NTDB id 1086 NMV RS00245 WP 002218487.1      NVARFRVNAFNIGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAHIL   156
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NTDB id 1185 GTF74 RS11940 WP 000350195.1    NVGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNYVNAHHNKHIL   156
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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 298223 DN066 RS04575 WP 017692691.1 TLEDPVEFMYQSERCLIQQREIGQHSPSFAEALRSALREDPDVILLGELRDSETIRLALTAAETGHLVLATLHTRGAAQA   233
NTDB id 1307 DR RS10055 WP 010888596.1     TIEDPIEFMHPNKASIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAAETGHLVMGTLHTNSAPES   240
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NTDB id 1259 GC085 RS10305 WP 010947729.1  TVEDPIEFVHQSKKCLVNQREVHKDTLSFNAALRSALREDPDIILVGELRDLETIRLAMTAAETGHLVFGTLHTNSATKT   236
NTDB id 1202 PSJM300 01600 AFN76400.1      TIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
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NTDB id 1020 ACIAD RS04210 WP 011182164.1  TVEDPIEFVHEPKKCLINQREVHRDTLGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1  TVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAAETGHLVFGTLHTTSAAKT   236
consensus                                  **!!!*!!*********!!!***** **  !!***!!**!!*!!*!!*!* !!***!***!!!!!!***!!!***!***
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logo
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NTDB id 298223 DN066 RS04575 WP 017692691.1 IERLVDTFPAQEKDPVRNQLAGSLRAVLAQKLRQD.VQGGRVALYELLVNTSAAANLIREGKTWQLPGIIQTGQQAGMQN   312
NTDB id 1307 DR RS10055 WP 010888596.1     IDRIVDVFPEEQQEQIRVQLANNLVAVMTQQLLPRADGQGRVLAYEILLANPAVRALIREGKTFQITSVMQTGAREGMVT   320
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NTDB id 1116 NGFG RS10615 WP 003690200.1   VDRIVDVFPAGEKEMVRSMLSESLTAVISQNLLKTHDGNGRVASHEILIANPAVRNLIRENKITQINSVLQTGQASGMQT   316
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NTDB id 1259 GC085 RS10305 WP 010947729.1  INRIIDVFPAEEKSMVRSMLSESLQAVVAQSLLKK.NKGGRVAALEIMMCTGAIRNLIREDKIAQMYSSIQTGQAKGMQT   315
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
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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 298223 DN066 RS04575 WP 017692691.1  FEQSLAERRAQGRL.........................................................................   326
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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
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NTDB id 1203 PSJM300 01605 AFN76401.1        ..................   381
NTDB id 1177 A1552VC RS01165 WP 000422572.1  ..................   368
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NTDB id 1307 DR RS10055 WP 010888596.1       APAAGRSEPGRAGGFGRR   418
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NTDB id 1116 NGFG RS10615 WP 003690200.1     ..................   347
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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