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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGE.ALSVADVTALLHAMMDARQAEFKQTREANFAV	72
NTDB id 351538 E1742 RS20625 WP 134387011.1	MERDQASKFMFDLLRLMVGKKGSDLFITAGFPFAMKIDGKLTPTVSAQPLTAAHTADLARSIMNDKQTASFEATKEANFAI	80
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPMSPEMTRETIVHGVMMNEQQRREFTENHECNFAI	73
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIIETHECNFAI	73
NTDB id 1307 DR RS10055 WP 010888596.1	...MTSGIDITDILRLAADKGASDILAAAGLPPQFKLSGDYDAQGFELPSASDTRKLMYSMMNERQQRIFEEKRELDFSF	77
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQKASDLHLISAGLPPMIRVDGDVRRINLPLEHKQVHALIYDIMNDKQQRKDFEEFLETDFSF	73
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLISAGMPPMIRVDGGEVRRINLPALAEHKDVHRLVYDIMNDKQRRDYEEKLETDFSF	73
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLISAGMPPMIRVDGGEVRRINLPALAEHKDVHRLVYDIMNDKQRRDYEEKLETDFSF	73
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLISAGMPPMIRVDGGEVRRINLPALAEHKDVHRLVYDIMNDKQRRDYEEKLETDFSF	73
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	VR..DSGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLEPEVLQNLIAIAKRGLVLVVGATGSGKSTTMAAMTGYRNQHR	150
NTDB id 351538 E1742 RS20625 WP 134387011.1	SPG.DLGRFRVSAFVQMSSVGMVLRITNSAIPKLEDLGLPEVLKDIVMAKRGLVIMVGATGSGKSTTLAAMVGWRNANSH	159
NTDB id 1203 PSJM300 01605 AFN76401.1	SARG.IGRFRVSAFYQRNLAGMVLRRRIETNIPTIEDLKLDPVLKKLALTKRGLVLFVGATGTGKSTSLAAMIYGRNKNSS	152
NTDB id 1019 ACIAD RS04205 WP 004922051.1	LNREKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPLILKELAMSKRGIIIFSGATGTGKSTSLASMIQHRNQHSK	153
NTDB id 1307 DR RS10055 WP 010888596.1	ALG.DKARFRVNAFMQRGNVGVMLIPTITVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMIDHINTTKK	156
NTDB id 1194 PAKAF RS01995 WP 003084552.1	EVP.GVARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEVFKRVSDVPRGLVLVTGPTGSGKSTTLAAML DYLNNTKY	152
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	EVP.NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKIDICDYPRGIVLVTGPTGSGKSTTLAAML DYINENRY	152
NTDB id 1060 ABD1 RS04380 WP 000355489.1	EVP.NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKIDICDYPRGIVLVTGPTGSGKSTTLAAML DYINENRY	152
NTDB id 1040 HON27 RS13360 WP 000355489.1	EVP.NVARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKIDICDYPRGIVLVTGPTGSGKSTTLAAML DYINENRY	152
consensus	* ****!!*!*!*! *!*!*!*!* **** ***** ***** *!*!*!*!*!*!*!*!*!*!*!*!*!*!*!* *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	GHILTVEDPIEFVHEHKRCIVTQREVGLDTESYEVALKNSLRQAPDMILIGEIRSRETMEYAMTFAETGHLCMATLHANN	230
NTDB id 351538 E1742 RS20625 WP 134387011.1	GHITITIEDPVEFVHPHNCIVTQREVGVDTEWEVALKNTLRQAPDVIQIGEIRDRAITMDHAIATAETGHLCLATMHANN	239
NTDB id 1203 PSJM300 01605 AFN76401.1	GHISIEDPIEFITHQHNCIVTQREVGIDTDSFEVALKNTLRQAPDVILIGEVRTRETMDHAFATAETGHLCLATLHANN	232
NTDB id 1019 ACIAD RS04205 WP 004922051.1	GHITITIEDPIEFIEHAGCIIITQREVGIDTDSFEIALKNTLRQAPDVILIGEIRSREVMYALAFATAETGHLVFATLHANN	233
NTDB id 1307 DR RS10055 WP 010888596.1	LHILTIEDPIEFMHPNKAIIINQREVGSDTLSFDDALRAALRQAPDVILVGEMRDYETIKAAVTAETGHLVMTGLTHTNS	236
NTDB id 1194 PAKAF RS01995 WP 003084552.1	HHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGEMRDLETIRLALTAETGHLVFGTLHTTS	232
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	DHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAETGHLVFGTLHTTS	232
NTDB id 1060 ABD1 RS04380 WP 000355489.1	DHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAETGHLVFGTLHTTS	232
NTDB id 1040 HON27 RS13360 WP 000355489.1	DHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEMRDLETIRLALTAETGHLVFGTLHTTS	232
consensus	!!*****!!*!*! *****!!*! *!*!*! *!*!*!*!*!*!*!*!*!*!* ***** !*****!!*!*!*!*!*!*	

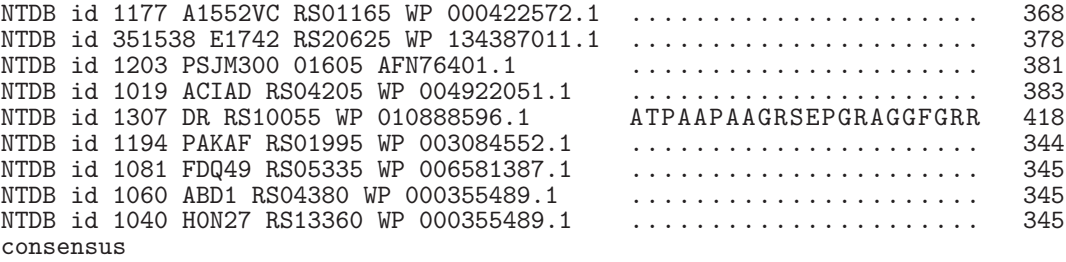
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	ANQALERILHLVLPKEQREQFLDLISLNLKGVIQAQQLLRDNKNGKGRHGCVFEVLLNSPRIADLIRRGELHELKATMARSQEV	310
NTDB id 351538 E1742 RS20625 WP 134387011.1	ANQALDRIINFFPEERRQQLIMDLISLNMKGMIQRVLVPLKEGKGRAVAIEIMLNSPLISDLIFKGQVHEIKELMKKSREL	319
NTDB id 1203 PSJM300 01605 AFN76401.1	ANQALDRIINFFPADRQNVVMDLSLNLKAIVAQQVLPTPDGKGRRRAVIEVLINTPLAADLIRKGEVHELKGLMKRSTDL	312
NTDB id 1019 ACIAD RS04205 WP 004922051.1	ANQTLERIIHFFDADRHQIFMDLSLNLKAVISQQLIPTHDGQSRAAVEVLINTPLLSDYIRQGEIYIKELMARSGEL	313
NTDB id 1307 DR RS10055 WP 010888596.1	APESIDRIVDVFPPEEQEQIRVQLANNLVAVMISQQLLPADGKQGRVLALEYILLANPAVRALIREGKTFQITISVMQTGARE	316
NTDB id 1194 PAKAF RS01995 WP 003084552.1	AAKTIDRVVDVFPAAEKAMVRSMLESLSQSVISQTLTK.KIGGGRVAAHEIMIGTPAIRNLIREDKVAQMYSAIQTGCSL	311
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	AAKTIDRVVIDVFPAAEKDMVRAMLSESLSQAVISQTLTK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANH	311
NTDB id 1060 ABD1 RS04380 WP 000355489.1	AAKTIDRVVIDVFPAAEKDMVRAMLSESLSQAVISQTLTK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANH	311
NTDB id 1040 HON27 RS13360 WP 000355489.1	AAKTIDRVVIDVFPAAEKDMVRAMLSESLSQAVISQTLTK.KNGGGRVAAHEIMIGIPAIRNLIRENKVAQMYSAIQTGANH	311
consensus	! ****!***** ***** !* ** *****! !** * !*!**** !*****!***** *!***** ** * ***** *	

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X non conserved
X similar
X ≥ 50% conserved