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NTDB id 1177 A1552VC RS01165 WP 000422572.1	... MEINQYLDGMITHKASDLYITVCGAPILYRVDCGLRAQGE. AL. SVADVITALHAMMDARQAETKQTRFANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	... MFEKLLRLMVEKGGSDLFITAGVPPSMKVNKILPVNK. TPMSPEMTRETVHGVMMNQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	... MDFNDLLNLMAKHKASDLFITAGVPPSLKINGEITPVSK. TKLDGDMIAQLIDSITTKQRQEFIEHECNFAILN	75
NTDB id 1154383 N4J60 RS14515 WP 038879280.1	... MDIDEFVALSVKHNASDLHLCAHPPMLRIDGELQPLAAAPTLTAQGVQTLCDGLNAQQRESLRRLLGQIDLALHR	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGDIDITDILRLAADKASDITLAAAGLPPQFKLSCDYDAQGF. EPISASDTRKLMYSMMNERQQRIFEEKRELDFSFAL	79
NTDB id 1086 NMV RS00245 WP 002218487.1	... MQITDLLAFGAKNKASDLHLSGGLSPMIRVHCDMRRINL. PEMSAAEEVGNMVTSMNDHQRRKIYQQNLEVDFSFEL	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	... MQITDLLAFGAKNKASDLHLSGGLSPMIRVHCDMRRINL. PEMSAAEEVGNMVTSMNDHQRRKIYQQNLEVDFSFEL	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	... MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLG. PAFTHSVHRLIFEIMNDAQRSEYEEKLEVDFSFEL	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	... MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLG. PAFTHSVHRLIFEIMNDAQRSEYEEKLEVDFSFEL	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	... MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLG. PAFTHSVHRLIFEIMNDAQRSEYEEKLEVDFSFEL	75
NTDB id 1259 GCO85 RS10305 WP 010947729.1	... MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLG. PAFTHSVHRLIFEIMNDAQRSEYEEKLEVDFSFEL	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	... MDITELLAFSAKQGASDLHLSAGLPPMIRVDCDVRINL. PPLEHKKVHALIYDIMNDKQRKDFEEFLETDFSFEV	75
NTDB id 1202 PSJM300 01600 AFN76400.1	... MDITELLAFSAKQGASDLHLSGGLPPMIRVDCDVRINL. PAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEV	75
NTDB id 1020 ACIAD RS04210 WP 011182164.1	... MDITELLAFSVQNRASDLHLSAGLPPMIRVDCGEVRRINL. PAMDHSEVHNLIYDIMNDKQRDYEEKLETDFSFEV	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	... MDITELLAFSVKNGASDLHLSAGMPPMIRVDCGEVRRINL. PALEHKKDVHRLVYDIMNDKQRDYEEKLETDFSFEV	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGMPPMIRVDCGEVRRINL. PALEHKKDVHRLVYDIMNDKQRDYEEKLETDFSFEV	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGMPPMIRVDCGEVRRINL. PALEHKKDVHRLVYDIMNDKQRDYEEKLETDFSFEV	75
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D. SCRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPVLRQNLAIARGLVLVVGATGSGKSTTMAAMTGVRNQHRTGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG. IGRFRVSAFYQRNLGAVLRRRIETNIPTIEDLKLDPVLRKLAALTKRGLVLFVGCATGKSTSLAAMTGVRNKNSSGH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REKNERFRVSAFQQRDMPCMVIRRIETKIPSPDDLHLPPLKELAMSKRGIIFSGATGKSTSLASMTQHRNQHSGKH	155
NTDB id 1154383 N4J60 RS14515 WP 038879280.1	PG. GERLRANVFQSSAGMSLALRRRAGQAPSLAELALPALVPALLRRDDGLLVLTGATGSGKSTTAAAMDEINRHQPRH	155
NTDB id 1307 DR RS10055 WP 010888596.1	GD. KARFRVNAFMQRGNVGVMLRIPITVRIIAEMCLPQTVIDIANAPRGLVLVTGPTGSGKSTTAAASMDHINTTKLH	158
NTDB id 1086 NMV RS00245 WP 002218487.1	PN. VARFRVNAFNIQRGPAAVFRTIPSTVLSLEELKAPSIKQIAESPRGMVLVTGPTGSGKSTTAAAMINYNINETQPAH	154
NTDB id 1116 NGFG RS10615 WP 003690200.1	PN. VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIKQIAESPRGMVLVTGPTGSGKSTTAAAMINYNINETQPAH	154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTAAAMVNVNAHNNKH	154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTAAAMVNVNAHNNKH	154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	AN. LARFRVNAFNQSRGAAVFRTIPSETLSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTAAAVIDYINSSRYEH	154
NTDB id 1259 GCO85 RS10305 WP 010947729.1	AN. LARFRVNAFNQSRGAAVFRTIPSETLSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTAAAVIDYINSSRYEH	154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKIVDVRGLVLVTGPTGSGKSTTAAAMDYINNTKYHH	154
NTDB id 1202 PSJM300 01600 AFN76400.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKIVDVRGLVLVTGPTGSGKSTTAAAMDYINNTKYHH	154
NTDB id 1020 ACIAD RS04210 WP 011182164.1	PN. LARFRVNVFNQNRGAGAVFRTIPSKVLTLEELGLGKIFRDCDYPRGLVLVTGPTGSGKSTTAAAMDYINNHRYDH	154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCDYPRGLVLVTGPTGSGKSTTAAAMDYINENRYDH	154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCDYPRGLVLVTGPTGSGKSTTAAAMDYINENRYDH	154
NTDB id 1040 HON27 RS13360 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDCDYPRGLVLVTGPTGSGKSTTAAAMDYINENRYDH	154
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVDDKISEQDALHSA	ADSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHA	DSSNDLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHSYADALKHAD	SPNNLRLQIKLSEEANKPLDNRERMSEMER.....KMTFDGQRRNLK....	383
NTDB id 1154383 N4J60 RS14515 WP 038879280.1	QTFEQGLQQRIDACVIGDCVCEGAGD	.....	340
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRHLITTDYDKGLERA	ID.PKEFARLAN..DASAGL.GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA	394
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDQSLQSLVRQGLIAPPEARARRA	QNSEMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDQSLQSLVRQGLIAPPEARARRA	QNSEMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARCVVDAQEVQSKIELDLKAF	.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	QTMEQNAKQLIARCVVDAQEVQSKIELDLKAF	.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEAALN	.KSLF.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEAALN	.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDMCLKGLVAKGLISRAREKAKI	.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDSCCLKGLLAKGLISRDSAKEKAKQ	.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDDQSLKQLLAKGIINLPTARAVAKS	.PESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TTLDDQSLKGLVSRGVISPQTARTA	AAKQ.PESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TTLDDQSLKGLVARGVISPQTARTA	AAKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TTLDDQSLKGLVARGVISPQTARTA	AAKQ.PESFL.....	345
consensus	*!*** * * * * * * * *		

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	APATPAAPAAAGRSEPGRAGGFGRR	368
NTDB id 1203 PSJM300 01605 AFN76401.1	.....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	.....	383
NTDB id 1154383 N4J60 RS14515 WP 038879280.1	.....	340
NTDB id 1307 DR RS10055 WP 010888596.1	APATPAAPAAAGRSEPGRAGGFGRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1	.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	.....	344
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		

non conserved
 similar
 ≥ 50% conserved