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NTDB id 1177 A1552VC RS01165 WP 000422572.1	... MEINQYLDGMITHKASDLYITVGCAPILYRVDCIELRAQGE. AL. SVADVITALTHAMMDARQAEFKQTR EANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	... MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNKILPVNK. TPMSPEMTRETVHGMNEQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	... MDFNDLLNLMAKHKASDLFITAGVPSLKINGEITPVSK. TKLDGDMIAQLIDSITQKQRQEFIEHECNFAILN	75
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITLAACLPPQFKLSCDYDAQGF. EPLSASDTRKLMYSMMNERQQEITFEKRELDFSFAL	79
NTDB id 1155800 QWI75 RS16305 WP 289269726.1	... MAKIDDLFRMLADRGGSDLHLIAGQRPSMRLHCELEERIDGQGALEDGALRELLYEITPAPKRAQFEETGVDVDFGYEI	77
NTDB id 1086 NMV RS00245 WP 002218487.1	... MQITDLLAFGAKNKASDLHLSGISTPMIRVHCDMRRINL. PEMSAAEEVGNMVTSMNDHQKRIYQQNLEVDFSFEL	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	... MQITDLLAFGAKNKASDLHLSGISTPMIRVHCDMRRINL. PEMSAAEEVGNMVTSMNDHQKRIYQQNLEVDFSFEL	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	... MDIAELLEAFSVKHNASDLHLSAGVPPMVRIDGEVRKLG. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFEL	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	... MDIAELLEAFSVKHNASDLHLSAGVPPMVRIDGEVRKLG. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFEL	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	... MDIAELLEAFSVKNSDDLHISAGMPPMIRVDGDLRKINL. PPLEHKDVIKIITYDIMNDRQRKEYEEFFETDFSFEI	75
NTDB id 1259 GCO85 RS10305 WP 010947729.1	... MDIAELLEAFSVKNSDDLHISAGMPPMIRVDGDLRKINL. PPLEHKDVIKIITYDIMNDRQRKEYEEFFETDFSFEI	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	... MDITELLAFSAKQGASDLHLSAGLPPMIRVDGCVRRINL. PPLEHKQVHALIYDIMNDKQRKDFEEFLETDFSFEV	75
NTDB id 1202 PSJM300 01600 AFN76400.1	... MDITELLAFSAKQGASDLHLSGLPPMIRVDGCVRRINL. PAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEV	75
NTDB id 1020 ACIAD RS04210 WP 011182164.1	... MDITELLAFSVQNRASDLHLSAGLPPMIRVDGEVRRINL. PAMDHSEVHNLIYDIMNDKQRDYEEKLETDFSFEV	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	... MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINL. PALEHKDVHRLVYDIMNDKQRDYEEKLETDFSFEV	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINL. PALEHKDVHRLVYDIMNDKQRDYEEKLETDFSFEV	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINL. PALEHKDVHRLVYDIMNDKQRDYEEKLETDFSFEV	75
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D. SCRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPVQLQNLAIARGLVLVVGATGSGKSTTMAAMTGYRNQHRITGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG. IGRFRVSAFYQRNLGMLVLRRIETNIPTIEDLKLDPVLLKLLALTKRGLVLFVGCATGKSTSLAAMGYRNKNSGSH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLHLPPTLKEIAMSQRGIIIFSACATGKSTSLASMIQHRNQHSKGH	155
NTDB id 1307 DR RS10055 WP 010888596.1	GD. KARFRVNAFMQRGNVCGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLASMDHINTTKLH	158
NTDB id 1155800 QWI75 RS16305 WP 289269726.1	PG. LARFRANLNFNQKYCAAVFRKIPSQVLTADLGLPPTLTRAAMLKGLVLVTGPTGSGKSTTLAAMDHANKHRDH	156
NTDB id 1086 NMV RS00245 WP 002218487.1	PN. VARFRVNAFNIGRGAAVFRTIPSTVLSLEELKAPSIKQIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAH	154
NTDB id 1116 NGFG RS10615 WP 003690200.1	PN. VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIKQIAESPRGMVLVTGPTGSGKSTTLAAMINYINETQPAH	154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNVNAHNNKH	154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVNVNAHNNKH	154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	AN. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVVDYINSSRYEH	154
NTDB id 1259 GCO85 RS10305 WP 010947729.1	AN. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAVVDYINSSRYEH	154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELCMGEVFRKRVSDVPRGLVLVTGPTGSGKSTTLAAMDYINNTKYHH	154
NTDB id 1202 PSJM300 01600 AFN76400.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELCMGEVFRKRTDVPRLVLVTGPTGSGKSTTLAAMDYINNTKYHH	154
NTDB id 1020 ACIAD RS04210 WP 011182164.1	PN. LARFRVNVFNQNRGAGAVFRTIPSQVLTLEELGLGKIFRDI CDYPRGLVLVTGPTGSGKSTTLAAMDYINNHRYDH	154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKDI CDYPRGLVLVTGPTGSGKSTTLAAMDYINENRYDH	154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKDI CDYPRGLVLVTGPTGSGKSTTLAAMDYINENRYDH	154
NTDB id 1040 HON27 RS13360 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKDI CDYPRGLVLVTGPTGSGKSTTLAAMDYINENRYDH	154
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVDDKISEQDALHSA	DSANDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITIEDALLHA	DSSNDLRLMIKLGSETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHISYADALKHAD	SPNNLRLQIKLSEEANKPLDNRERMSEMER.....KMTFDGQRRLK....	383
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRFHLITTYDKGLERA	IDPKEFARLANDASAGLG...GASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA	394
NTDB id 1155800 QWI75 RS16305 WP 289269726.1	QTLDLAIQDLINRKWISPEEAHEKA	IDKTRFAKFLKTPPDALQ.....	359
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDQSLQSLVRQGLIPEVARRRA	QNSESM..SF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDQSLQSLVRQGLIPEEAARRRA	QNSESM..SF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARCVVDAQEVQSKIELDLKA..F.....		345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	QTMEQNAKQLIARCVVDAQEVQSKIELDLKA..F.....		345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEAALN.KSL..F.....		344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEAALN.KSL..F.....		344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDMCLKGLVAKGLISRAREKAKI.PEN..F.....		344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDSCCLKGLLAKGLISRDSAKEKAKQ.PEN..F.....		344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDDQSLKQLLAKGIINLPTARAVAKS.PES..F.....		344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TTLDDQSLKGLVSRGVISPQTARTA	AKQ.PES..FL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TTLDDQSLKGLVARGVISPQTARTA	AKQ.PES..FL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TTLDDQSLKGLVARGVISPQTARTA	AKQ.PES..FL.....	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 1307 DR RS10055 WP 010888596.1	APATPAAPAAAGRSEPGRAGGFGRR	418
NTDB id 1155800 QWI75 RS16305 WP 289269726.1	.....	359
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	.....

APATPAAPAAAGRSEPGRAGGFGRR

- non conserved
- similar
- ≥ 50% conserved