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NTDB id 1177 A1552VC RS01165 WP 000422572.1	... MEINQYLDGMI THKASDLYITV GAPILYRVDGEI RAQGE. AL. SVADVTAL THAMMDARQA EFKQTR EANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	... MFEKLLRLMVEKGGSDLFITAGV PPSMKVNGKILPVNK. TPM SPEMTRET VHGVMNEQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	... MDFNDLLNLMAKHKASDLFITAGV PPSLKNIGETTPVSK. TKLDGDMIAQLIDSIT TQKQRQEFIE THECNFAILN	75
NTDB id 1154438 N4J62 RS22200 WP 038879280.1	... MDIDEFVALSVKHNASDLHL CAGHPPMLRIDGELQPLAAA PTLTAQGVQTL CDGILLNAQQRRESLRRLGIDLALHR	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGDIDITDILRLAADKGASDITL AAGLPPQFKLSG DYDAQGF. EPISASDTRKLMYSMMNERQQRIF EEKRELD FDFSAF	79
NTDB id 1086 NMV RS00245 WP 002218487.1	... MQITDILLAFGAKNKASDLH LSSGISPMIRVHCDMRRINL. PEMSAAEEVGNM VTSVMNDHQRRKIYQQNLEVD FDSFEL	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	... MQITDILLAFGAKNKASDLH LSSGISPMIRVHCDMRRINL. PEMSAAEEVGNM VTSVMNDHQRRKIYQQNLEVD FDSFEL	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	... MDIAELLEFSVKHNASDLH LHSAGVPPMVRIDG EVRKLGV. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD FDSFEL	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	... MDIAELLEFSVKHNASDLH LHSAGVPPMVRIDG EVRKLGV. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD FDSFEL	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	... MDIAELLEAFSVKHNKSSDLH ISAGMPPMIRVDGDLR KINL. PPLEHKKDVIKI IYDIMNDRQRKEYEEFFET DDFSFEI	75
NTDB id 1259 GCO85 RS10305 WP 010947729.1	... MDIAELLEAFSVKHNKSSDLH ISAGMPPMIRVDGDLR KINL. PPLEHKKDVIKI IYDIMNDRQRKEYEEFFET DDFSFEI	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	... MDITELLAFSAKQGASDLH LHSAGLPPMIRVDCD VRRINL. PPLEHKKVHALIYD IMNDKQRKDFEEFLET DDFSFEV	75
NTDB id 1202 PSJM300 01600 AFN76400.1	... MDITELLAFSAKQGASDLH LSSGLPPMIRVDCD VRRINL. PAMDHKKVHALIYD IMNDKQRKDFEEFLET DDFSFEV	75
NTDB id 1020 ACIAD RS04210 WP 011182164.1	... MDITELLAFSVQNRASDLH LHSAGLPPMIRVDC EVRRINL. PAMDHSEVHNL IYDIMNDKQRDYEEKLET DDFSFEV	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	... MDITELLAFSVKNGASDLH LHSAGMPPMIRVDG EVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLET DDFSFEV	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	... MDITELLAFSVKNGASDLH LHSAGMPPMIRVDG EVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLET DDFSFEV	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	... MDITELLAFSVKNGASDLH LHSAGMPPMIRVDG EVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLET DDFSFEV	75
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D. SCRFRVSAFFQRELPGAVIRRIETRIPTFEELKLP EVLQNLAI AKRGLVLVVGATGSGKSTTMAAMTG YRNQHRITGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG. IGRFRVSAFYQRNLG MVLRRRIETNIPTIEDLKL PDLVKKLALTKRGLVLFV GATGTGKSTSLAAMTG YRNKSSGH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLH LPPILKELAMSKRGIIFSGATGTGKSTSLASMIQHRN QHSGKH	155
NTDB id 1154438 N4J62 RS22200 WP 038879280.1	PG. GERLRANVFQSSAGMSLALRR IAGQAPSLAELALPA IVPALLRRDDGLLVLTGATGSGKSTT LAAMDEINRHQPRH	155
NTDB id 1307 DR RS10055 WP 010888596.1	GD. KARFRVNAFMQRGNVGVMLRIPITVRIIAEMCLP QTVIDIANAPRGLVLVTGPTGSGKSTT LAASMDHINTTKLH	158
NTDB id 1086 NMV RS00245 WP 002218487.1	PN. VARFRVNAFNI GRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1116 NGFG RS10615 WP 003690200.1	PN. VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLD APEIFSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHNNKH	154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLD APEIFSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHNNKH	154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	AN. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGL PPIFKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1259 GCO85 RS10305 WP 010947729.1	AN. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGL PPIFKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGM GEVFRKIVDVRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1202 PSJM300 01600 AFN76400.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGM GEVFRKIVDVRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1020 ACIAD RS04210 WP 011182164.1	PN. LARFRVNVFNQNRGAGAVFRTIPSKVLTMEDLGL GKIFRDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINNHRYDH	154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGL GQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGL GQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1040 HON27 RS13360 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGL GQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	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 1154438 N4J62 RS22200 WP 038879280.1	QTFEQGLQQRIDACVIGDCVCEGAGD	.....	340
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRHLITDYDKGLERA	ID.PKEFARLAN..DASAGL.GGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA	394
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDQSLQSLVRQGLIAPVARRRA	QNSSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDQSLQSLVRQGLIAPVARRRA	QNSSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARCVVDAQEVQSKI	ELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	QTMEQNAKQLIARCVVDAQEVQSKI	ELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEA	ALN.KSLF.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	QTLDQHLTELVNKNIISKHTAHEA	ALN.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDMCLKGLVAKGLISRENA	REKAKI.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDSCCLKGLLAKGLISRDSA	KEKAKQ.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDDQSLKQLLAKGIINLPTA	RAVAKS.PESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TTLDDQSLKGLVSRGVISPQT	ARTA AKQ.PESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TTLDDQSLKGLVARGVISPQT	ARTA AKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TTLDDQSLKGLVARGVISPQT	ARTA AKQ.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 1154438 N4J62 RS22200 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