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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLTHKASDLYITVGA	PILYRVDGELRAQGE.AL.SVADVTALLHAMMDARQAEFFKQ	TREANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNK.TPMSPEMTRET	VHGMNEQQRREFTENHECNFAISA		75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSL	KINGEITPVSK.TKLDGDMIAQLIDSITTQKQRQEF	IEETHECNFAILN	75
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILAAGLPPQFKLSG	DYDAQGF.EPLSASDTRKLMYSMMNERQQRI	FECKRELDDFSAL	79
NTDB id 130653 AQ14 RS05150 WP 003035107.1	MIRKLLTLCVQKKASDLHLSSGCKAKYRIDG	DLIDIESSPVLNDKMTSQMLLEIMTDDQKDE	LIETYECDFSIDD	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHG	DMRRINL.PEMSAEEVGNMVTSMVNDHQ	RKIYQQNLEVDDFS	75
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHG	DMRRINL.PEMSAEEVGNMVTSMVNDHQ	RKIYQQNLEVDDFS	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSGPPMVRIDG	EVRLGV.PAFTHSDVHRLIFEIMNDAQ	RSEYEEKLEVDDFS	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSGPPMVRIDG	EVRLGV.PAFTHSDVHRLIFEIMNDAQ	RSEYEEKLEVDDFS	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIRV	GDRLKINL.PPLEHKDVIKIITYDIMNDR	QRKEYEEFFETDFS	75
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIRV	GDRLKINL.PPLEHKDVIKIITYDIMNDR	QRKEYEEFFETDFS	75
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSSGLPPMIRV	GDVRRINL.PAMDHKQVHALIYDIMNDK	QQRKDFEEFLETDFS	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSSGLPPMIRV	GDVRRINL.PPLEHKQVHALIYDIMNDK	QQRKDFEEFLETDFS	75
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSSGIPPMIRV	DGEVRRINL.PAMDHSEVHNLIYDIMNDK	QRRDYEEKLETDFS	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSSGIPPMIRV	DGEVRRINL.PALEHKDVHRLVYDIMNDK	QRRDYEEKLETDFS	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSSGIPPMIRV	DGEVRRINL.PALEHKDVHRLVYDIMNDK	QRRDYEEKLETDFS	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSSGIPPMIRV	DGEVRRINL.PALEHKDVHRLVYDIMNDK	QRRDYEEKLETDFS	75
consensus	*** **!****** *!******!*****!***** * * * ** *************** *! *!*****			

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D..S	GRFRVSAFFQRELP	GAVIRRIETRIPTFEELK	PEVLQNLAI	AKRGLVLVVGATGSGKSTTMAAMTGYR	NQHR	TGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG.	IGRFRVSAFYQRNL	AGMVLRR	IETNIPTIEDLKL	PDVLKKLALTKRGLVL	FVGATGTGKSTSLAAMIGYR	NKNSSGH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REK	NERFRVSAFQQRDM	PGM	VIRRIETKIPSPDDL	HLPPILKELAMSKRGI	IFSGATGTGKSTSLASMIQHR	NQHSKGH	155
NTDB id 1307 DR RS10055 WP 010888596.1	.GD	KARFRVNAFMQRGNV	GGVMRLIPTITVRTIAEM	GLPQTVIDIANAPRGLVL	VTGPTGSGKSTTLASMI	DHINTTKKLH		158
NTDB id 130653 AQ14 RS05150 WP 003035107.1	RDND	ARFRVNAFFHNRGY	GAVFRLENTIPTLDQFGAPRILKEV	QAKKGGLTLVTGPTGSGKS	STLAALVNEINH	KEDSH		155
NTDB id 1116 NGFG RS10615 WP 003690200.1	.PNV	ARFRVNAFNTGRGPAAVFRTIPSTVLSLEEL	KAPSI	FQKIAESPRGMVLVTGPTGSGKSTTLAAMIN	YINETQPAH			154
NTDB id 1086 NMV RS00245 WP 002218487.1	.PNV	ARFRVNAFNI	GRGPA	AAVFRTIPSTVLSLEEL	KAPSI	FQKIAESPRGMVLVTGPTGSGKSTTLAAMIN	YINETQPAH	154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.PNV	GRFRVNAFHQA	RGCSAVFRTIPTV	IPTLEQLDAPEIFSKIANYEKGLVL	VTGPTGSGKSTTLAAMVNYV	NAHNNKH		154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.PNV	GRFRVNAFHQA	RGCSAVFRTIPTV	IPTLEQLDAPEIFSKIANYEKGLVL	VTGPTGSGKSTTLAAMVNYV	NAHNNKH		154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.ANL	ARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVL	VTGPTGSGKSTTLAAVIDYINSSRYEH					154
NTDB id 1259 GC085 RS10305 WP 010947729.1	.ANL	ARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVL	VTGPTGSGKSTTLAAVIDYINSSRYEH					154
NTDB id 1202 PSJM300 01600 AFN76400.1	.PGV	ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITD	VPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHH					154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.PGV	ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITD	VPRGLVLVTGPTGSGKSTTLAAMDYLNNTKYHH					154
NTDB id 1020 ACIAD RS04210 WP 01182164.1	.PNL	ARFRVNVFNQNRGAGAVFRTIPSKVLTLEELGLGKIFRDICDYPRGLVL	VTGPTGSGKSTTLAAMDYINNHR	RYDH				154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.PNV	ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVL	VTGPTGSGKSTTLAAMDYINENR	RYDH				154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	.PNV	ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVL	VTGPTGSGKSTTLAAMDYINENR	RYDH				154
NTDB id 1040 HON27 RS13360 WP 000355489.1	.PNV	ARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDICDYPRGIVL	VTGPTGSGKSTTLAAMDYINENR	RYDH				154
consensus	*****!!!!*!* ** *!*!****** ********** * * * ** *!*****!*****!*****!*****!***** *							

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NTDB id 1203 PSJM300 01605 AFN76401.1
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NTDB id 130653 AQ14 RS05150 WP 003035107.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
NTDB id 1259 GC085 RS10305 WP 010947729.1
NTDB id 1202 PSJM300 01600 AFN76400.1
NTDB id 1194 PAKAF RS01995 WP 003084552.1
NTDB id 1020 ACIAD RS04210 WP 011182164.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVVDKISEQDALHSADLANDRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR...	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLS.EEANKPLDNRRERMSEMER.....KMTFDGQRRNLK...	383
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGG.....ASMTPAAPPVPAYNASASSSSTGRGGDFGRGA	393
NTDB id 130653 AQ14 RS05150 WP 003035107.1	ATMEQSTIENLLKAGTITPEEAACYIVVR.....	342
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDDQLQSLVRQGLIAPEAAARRRAQNSSESMSF.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDDQLQSLVRQGLIAPEVARRRRAQNSSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARGVVDQAEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	QTMEQNAKQLIARGVVDQAEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	QTLDDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDDSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDDMLKGLVAKGLISRRENAKEKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDDQLKQLLAKGIINLPTARAVAKSP.ESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TTLDDQLKGLVSRGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TTLDDQLKGLVARGVISPQTARTAAKQP.ESFL.....	345
consensus	*!*** * !* ***** * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1		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	AAPATPAAPAAGRSEPGRAGGFGR	418
NTDB id 130653 AQ14 RS05150 WP 003035107.1		342
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
NTDB id 1086 NMV RS00245 WP 002218487.1		347
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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
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

- [X] non conserved
- [X] similar
- [X] ≥ 50% conserved