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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MELNQYLDGMLTHKASDLYITVGA	PILYRVDGELRAQG.EAL.SVADVTALLHAMMD	DARQAEFFKQ	TREANFAVVR	74										
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVN	.KTPMSPEMTRET	VHGMNEQQRREFT	TENHECNFAISA	75										
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPV	S.KTKLDGDMIAQLIDSITTTQKQRQEF	ETHECNFAILN		75										
NTDB id 403606 GMW39 RS24065 WP 025919325.1	MELDEWIARSVKHNASDLHLCSGHPPVLRVDGRLQPENTLPRLTPEQVAQWCDAWLEPVQREQLRQIGQVDGTLML				76										
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITILAAGLPPQFKLSG	DYDAQG.FEPLSASDTRKLMYSMMNERQQRIF	FEKRELD	DFS	79										
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRRIN	.LPEMSAAEEVGNMVTSMVNDHQRKIYQQN	LEVDFS	FEL	75										
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRRIN	.LPEMSAAEEVGNMVTSMVNDHQRKIYQQN	LEVDFS	FEL	75										
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDG	EVRLKG.VPAFTHSDVHRLIFEIMNDAQRSEYEEK	LEVDFS	FEL	75										
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSAGVPPMVRIDG	EVRLKG.VPAFTHSDVHRLIFEIMNDAQRSEYEEK	LEVDFS	FEL	75										
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIRVDGDLRKIN	.LPPLLEHKDVIKIITYDIMNDRQRKEYEEFFET	DFS	FEL	75										
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIRVDGDLRKIN	.LPPLLEHKDVIKIITYDIMNDRQRKEYEEFFET	DFS	FEL	75										
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSSGLPPMIRVDGDVRRIN	.LPAMDHKQVHALIYDIMNDKQRKDFEEFLET	DFS	FEL	75										
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSSGLPPMIRVDGDVRRIN	.LPAMDHKQVHALIYDIMNDKQRKDFEEFLET	DFS	FEL	75										
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRIN	.LPAMDHSEVHNLIYDIMNDKQRRDYEEKLET	DFS	FEL	75										
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRIN	.LPALAEHKDVHRLVYDIMNDKQRRDYEEKLET	DFS	FEL	75										
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRIN	.LPALAEHKDVHRLVYDIMNDKQRRDYEEKLET	DFS	FEL	75										
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRIN	.LPALAEHKDVHRLVYDIMNDKQRRDYEEKLET	DFS	FEL	75										
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D..S	GRFRVSAFFQRELP	GAVIRRIETRIPTFEEL	KLPEVLQNL	IAIAKRGVLVVGATGSGKSTTMAAMTGYRNQHR	TGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG.	IGRFRVSAFYQRNL	AGMVLRRRIETNIPTIED	LKLPDVLKKL	ALT	KRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REKNERFRVSAFQQRDM	PGMVI	RIETKIPSPDDLHL	PPILKEL	AMSKRGIIFSGATGTGKSTSLASMIQHRNQHSKGH		155
NTDB id 403606 GMW39 RS24065 WP 025919325.1	PD.	GQRLRVNVFHQREGLS	VALRIIPFFQPSLDEL	HAPPV	LATLLEKPNGLILITGATGSGKSTTLAAMV	GALNDSSDRH	155
NTDB id 1307 DR RS10055 WP 010888596.1	GD.	KARFRVNAFMQ	RGNVGGVMRLIPTTVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLAS	MI	DHINTTKKLH		158
NTDB id 1086 NMV RS00245 WP 002218487.1	PN.	VARFRVNAFNI	GRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMIN	YIN	ETQPAH		154
NTDB id 1116 NGFG RS10615 WP 003690200.1	PN.	VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTTLAAMIN	YIN	ETQPAH			154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	PN.	VGRFRVNAFHQA	RGC	SAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMV	NYVNAHNNKH		154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	PN.	VGRFRVNAFHQA	RGC	SAVFRTIPTVIPTLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMV	NYVNAHNNKH		154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	AN.	LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAV	IDYINSSRYEH				154
NTDB id 1259 GC085 RS10305 WP 010947729.1	AN.	LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAV	IDYINSSRYEH				154
NTDB id 1202 PSJM300 01600 AFN76400.1	PG.	VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVP	RGLVLVTGPTGSGKSTTLAAML	DYLNNTKYHH			154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	PG.	VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGMGEVFRKITDVP	RGLVLVTGPTGSGKSTTLAAML	DYLNNTKYHH			154
NTDB id 1020 ACIAD RS04210 WP 01182164.1	PN.	LARFRVNVFNQNRGAGAVFRTIPSKVLTLEELGLGKIFRDICDYPRGLVLVTGPTGSGKSTTLAAML	DYINNHR	YDH			154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	PN.	VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDYPRGIVLVTGPTGSGKSTTLAAML	DYINENR	YDH			154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	PN.	VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDYPRGIVLVTGPTGSGKSTTLAAML	DYINENR	YDH			154
NTDB id 1040 HON27 RS13360 WP 000355489.1	PN.	VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGLGQIFKDIDYPRGIVLVTGPTGSGKSTTLAAML	DYINENR	YDH			154
consensus	**	***!!*!*!*!*!* *	*****!!*!* *	*****	*****	***!!*!*!*!*!*!*!*!*!*!*!*!*!* *	!! *

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NTDB id 1203 PSJM300 01605 AFN76401.1
NTDB id 1019 ACIAD RS04205 WP 004922051.1
NTDB id 403606 GMW39 RS24065 WP 025919325.1
NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
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	QTFDQALYQLVVDKISEQDALHSADSANDLRLMLKTKR.GDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLGS.ETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR...	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHISYADALKHADSPNNLRLQIKLSE.EANKPLDNRRERMSEMER.....KMTFDGQRRNLK...	383
NTDB id 403606 GMW39 RS24065 WP 025919325.1	QTFEQSDQQRCDGLISHSCALAV.....	338
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRHRLITYDKGLERAIDPKEFARLANDASAGLGG....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGA	393
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDDQLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDDQLQSLVRQGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	QTMEQNAKQLIARGVVDQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	QTMEQNAKQLIARGVVDQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	QTLDDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 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	QTLDDMLKGLVAKGLISRENAREKAKIP.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
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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 403606 GMW39 RS24065 WP 025919325.1	..	338
NTDB id 1307 DR RS10055 WP 010888596.1	AAPATPAAPAAGRSEPGRAGGFGRR	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 GC085 RS10305 WP 010947729.1	..	344
NTDB id 1202 PSJM300 01600 AFN76400.1	..	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	..	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