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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	VHGMVNEQQRREFTENHECNFAISA		75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSL	KINGEITPVSK.TKLDGDMIAQLIDSITTQKQRQEF	IEETHECNFAILN	75
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILAAGLP	PQFKLSGDYDAQGF.EPLSASDTRKLMYSMMNERQQRIF	FECKRELDDFSAL	79
NTDB id 134264 CH65 RS02665 WP 003019818.1	MIRKLLTLCVQKKASDLHLSSGCKAKYRIDGDLID	IESSPVLNDKMTSQMLLEIMTDDQKDELIETYECD	FSIDDD	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGD	MRRINL.PEMSAEEVGNMVTSMVNDHQRKIYQQN	LEVDFSSEL	75
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGD	MRRINL.PEMSAEEVGNMVTSMVNDHQRKIYQQN	LEVDFSSEL	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSGPPMVRIDG	EVRLGV.PAFTHSDVHRLIFEIMNDAQRSEYEEK	LEVDFSSEL	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLHLSSGPPMVRIDG	EVRLGV.PAFTHSDVHRLIFEIMNDAQRSEYEEK	LEVDFSSEL	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIR	VDGDLRKINL.PPLEHKDVIKIITYDIMNDRQR	KEYEEFFETDFSFEI	75
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFSVKNKSSDLHISAGMPPMIR	VDGDLRKINL.PPLEHKDVIKIITYDIMNDRQR	KEYEEFFETDFSFEI	75
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQGGASDLHLSSGLPPMIR	VDGDVRRINL.PAMDHKQVHALIYDIMNDKQR	KDFEEFLETDFSFEV	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGGASDLHLSSGLPPMIR	VDGDVRRINL.PPLEHKQVHALIYDIMNDKQR	KDFEEFLETDFSFEV	75
NTDB id 1020 ACIAD RS04210 WP 01182164.1	MDITELLAFSVQNRASDLHLSSGIPPMIR	VDGEVRRINL.PAMDHSEVHNLIYDIMNDKQR	RDYEEKLETDFSFEV	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSSGIPPMIR	VDGEVRRINL.PALEHKDVHRLVYDIMNDKQR	RDYEEKLETDFSFEV	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSSGIPPMIR	VDGEVRRINL.PALEHKDVHRLVYDIMNDKQR	RDYEEKLETDFSFEV	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSSGIPPMIR	VDGEVRRINL.PALEHKDVHRLVYDIMNDKQR	RDYEEKLETDFSFEV	75
consensus	*** **!****** *!******!*****!***** * * * * *	*************** *! *!*****		

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D..S	GRFRVSAFFQRELP	GAVIRRIETRI	PTFEELKL	PEVLQNLAI	AKRGLVLVVGATGSGKSTTMAAMTGYRNQHR	TGH	152		
NTDB id 1203 PSJM300 01605 AFN76401.1	RG.	I	GRFRVSAFYQRNL	AGMVLRR	IETNIPTIEDLKL	PDVLKKLALT	KRGLVLFVGATGTGKSTSLAAMIGYRNKNSSGH	154		
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REK	N	ERFRVSAFQQRDM	PGM	IRRIETKIPSPDDL	HLPPIL	KELAMSKRGIIFSGATGTGKSTSLASMIQHRNQHSKGH	155		
NTDB id 1307 DR RS10055 WP 010888596.1	.G	D	KARFRVNAFMQR	GNVGGVMRLIPT	TTVRTIAEMGL	PQTVIDIAN	APRGLVLVTGPTGSGKSTTLASMDHINTTKLH	158		
NTDB id 134264 CH65 RS02665 WP 003019818.1	RD	N	DARFRVNAFFHN	RGY	GAVFR	LENTIPTLDQ	FGAPRILKEVQAKKGGLILVTGPTGSGKSTTLAALVNEINHKEDSH	155		
NTDB id 1116 NGFG RS10615 WP 003690200.1	.PN	V	ARFRVNAFNTGR	GPAA	AVFRTIPSTVLSLEEL	KAPSI	FQKIAESPRGMVLVTGPTGSGKSTTLAAMIN	YINETQPAH	154	
NTDB id 1086 NMV RS00245 WP 002218487.1	.PN	V	ARFRVNAFNI	GRGPA	AAVFRTIPSTVLSLEEL	KAPSI	FQKIAESPRGMVLVTGPTGSGKSTTLAAMIN	YINETQPAH	154	
NTDB id 1185 GTF74 RS11940 WP 000350195.1	.PN	V	GRFRVNAFHQA	RGC	SAVFRTIPTVIPTLE	QLDAPEIF	SKIANYEKGLVLVTGPTGSGKSTTLAAMV	NYVNAH	HNKH	154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	.PN	V	GRFRVNAFHQA	RGC	SAVFRTIPTVIPTLE	QLDAPEIF	SKIANYEKGLVLVTGPTGSGKSTTLAAMV	NYVNAH	HNKH	154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	.AN	L	ARFRVNAFNQSR	GAA	AVFRTIPSEILSMEDL	GLPPI	FKEMASFSRGLVLVTGPTGSGKSTTLAAV	IDYINSSRYEH		154
NTDB id 1259 GC085 RS10305 WP 010947729.1	.AN	L	ARFRVNAFNQSR	GAA	AVFRTIPSEILSMEDL	GLPPI	FKEMASFSRGLVLVTGPTGSGKSTTLAAV	IDYINSSRYEH		154
NTDB id 1202 PSJM300 01600 AFN76400.1	.PG	V	ARFRVNAFNQNR	GAG	AVFRTIPSKVLT	MEDLGMGEV	FRKITD	VPRGLVLVTGPTGSGKSTTLAAML	DYLNNTKYHH	154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	.PG	V	ARFRVNAFNQNR	GAG	AVFRTIPSKVLT	MEDLGMGEV	FRKITD	VPRGLVLVTGPTGSGKSTTLAAML	DYLNNTKYHH	154
NTDB id 1020 ACIAD RS04210 WP 01182164.1	.PN	L	ARFRVNVFNQNR	GAG	AVFRTIPSKVLT	LEELGLGKIF	RDICDYPRGLVLVTGPTGSGKSTTLAAML	DYINNHR	RYDH	154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	.PN	V	ARFRVNAFNQNR	GAG	AVFRTIPSKVLT	MEDLGLGQIF	KDICDYPRGIVLVTGPTGSGKSTTLAAML	DYINENR	RYDH	154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	.PN	V	ARFRVNAFNQNR	GAG	AVFRTIPSKVLT	MEDLGLGQIF	KDICDYPRGIVLVTGPTGSGKSTTLAAML	DYINENR	RYDH	154
NTDB id 1040 HON27 RS13360 WP 000355489.1	.PN	V	ARFRVNAFNQNR	GAG	AVFRTIPSKVLT	MEDLGLGQIF	KDICDYPRGIVLVTGPTGSGKSTTLAAML	DYINENR	RYDH	154
consensus	*****!!!!*!* * * * *	*****	*****	*****	*****	*****	*****	*****	*****	*****

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NTDB id 1203 PSJM300 01605 AFN76401.1
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NTDB id 134264 CH65 RS02665 WP 003019818.1
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
NTDB id 1060 ABD1 RS04380 WP 000355489.1
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NTDB id 1040 HON27 RS13360 WP 000355489.1
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	QTFDQALYQLVVDKISEQDALHSADSLRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	QTFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR...	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	QTFDQALFDLYDHQHSYADALKHADSPNNLRLQIKLS.EEANKPLDNRRERMSEMER.....KMTFDGQRRNLK...	383
NTDB id 1307 DR RS10055 WP 010888596.1	VTMDAYLAGLFRHLITYDKGLERAIDPKEFARLANDASAGLGG.....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGA	393
NTDB id 134264 CH65 RS02665 WP 003019818.1	ATIEQSTIENLLKAGTITPEEAACYIVVR.....	342
NTDB id 1116 NGFG RS10615 WP 003690200.1	QTMDDQLQSLVRQGLIAPEAAARRRAQNSSESMSF.....	347
NTDB id 1086 NMV RS00245 WP 002218487.1	QTMDDQLQSLVRQGLIAPEVARRRAQNSSESMSF.....	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	QTLDDQHLTELNVNKNIIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	QTLDDQHLTELNVNKNIIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	QTLDDSLKGLLAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	QTLDDMLKGLVAKGLISRREAREKAKIP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TTLDDQLKQLLAKGLIINLPTARAVAKSP.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 134264 CH65 RS02665 WP 003019818.1		342
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
NTDB id 1086 NMV RS00245 WP 002218487.1		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
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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