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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLITHKASDLYITVGA	PILYRVDGELRAQGEAL.SVADVTALLHAMMDARQA	EFGKQTREANFAVVRD	75
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPVNKTTPMSP	EMTRETVHGVMMNEQQRR	76
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLF	ITAGVEPSLKINGEITPVSKTK	LDGDMIAQLIDSITTQKQR	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASD	IILAAGLPPQFKLSGDYDAQGF	ELPSASDTRKLMYSMMNER	80
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKAASDLH	SSGISPMIRVHGDMMRINLP	EMSAEEVGNMVTSMNDHQR	76
NTDB id 1116 NGFG RS10615 WP 003690200.1	MQITDLLAFGAKNKAASDLH	SSGISPMIRVHGDMMRINLP	EMSAEEVGNMVTSMNDHQR	76
NTDB id 1185 GTF74 RS11940 WP 000350195.1	MDIAELLEFSVKHNASDLH	SAGVPPMVRIDGEVRKLG	VPFATHSDVHRLIFEIMNDA	76
NTDB id 1176 A1552VC RS01160 WP 000350195.1	MDIAELLEFSVKHNASDLH	SAGVPPMVRIDGEVRKLG	VPFATHSDVHRLIFEIMNDA	76
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFAFSVKNKSSDLH	ISAGMPPMIRVDGDLRKIN	LPLEHKDVIKIITYDIMNDR	76
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFAFSVKNKSSDLH	ISAGMPPMIRVDGDLRKIN	LPLEHKDVIKIITYDIMNDR	76
NTDB id 1202 PSJM300 01600 AFN76400.1	MDITELLAFSAKQAGASDLH	SSGLPPMIRVDGDVRRINLP	PAMDHKQVHALIYDIMNDK	76
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQAGASDLH	SAGLPPMIRVDGDVRRINLP	PLEHKQVHALIYDIMNDK	76
NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSAKQAGASDLH	SAGLPPMIRVDGDVRRINLP	PAMDHSEVHNLIYDIMNDK	76
NTDB id 254440 CTZ23 RS11885 WP 104989048.1	MDITELLAFSAKNGASDLH	SAGMPPMIRVDGEVRRINLP	PALEHKDVHKLVDIMNDK	76
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSAKNGASDLH	SAGMPPMIRVDGEVRRINLP	PALEHKDVHRLVYDIMNDK	76
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSAKNGASDLH	SAGMPPMIRVDGEVRRINLP	PALEHKDVHRLVYDIMNDK	76
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSAKNGASDLH	SAGMPPMIRVDGEVRRINLP	PALEHKDVHRLVYDIMNDK	76
consensus	*****!*****	*!!*****!*****	*****	*****

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	NVARFRVNAFNQNRGAGAVERT	PSVLTLELGLPIFKKIA	RGVLVTGPTGSGKSTTLA	MDYINTRYDHI	153
NTDB id 1203 PSJM300 01605 AFN76401.1	G.IGRFRVSAFYQRNL	LAGMVLRR	RIETNIPTIEDLKL	PDLVKKLALTKRGLV	155
NTDB id 1019 ACIAD RS04205 WP 004922051.1	EKNERFRVSAFQQR	DMPGMVIRRIETKIP	SPDDLHLPPILKEL	AMSKRGIIIFSGATGT	156
NTDB id 1307 DR RS10055 WP 010888596.1	D.KARFRVNAFMQR	GNVGGVMRLIPTT	VRTIAEMGLPQT	VIDIANAPRGLV	159
NTDB id 1086 NMV RS00245 WP 002218487.1	N.VARFRVNAFNI	GRGPA	AAVFRTIPSTVLS	SLEELKAPSI	155
NTDB id 1116 NGFG RS10615 WP 003690200.1	N.VARFRVNAFNT	TGRGPA	AAVFRTIPSTVLS	SLEELKAPSI	155
NTDB id 1185 GTF74 RS11940 WP 000350195.1	N.VGRFRVNAFHQA	RGC	SAVFRTIPTV	IPTEQLDAPEI	155
NTDB id 1176 A1552VC RS01160 WP 000350195.1	N.VGRFRVNAFHQA	RGC	SAVFRTIPTV	IPTEQLDAPEI	155
NTDB id 1283 ACE17W RS02630 WP 010947729.1	N.LARFRVNAFNQ	SRGAA	AAVFRTIPSEIL	SMEDLGLPPI	155
NTDB id 1259 GC085 RS10305 WP 010947729.1	N.LARFRVNAFNQ	SRGAA	AAVFRTIPSEIL	SMEDLGLPPI	155
NTDB id 1202 PSJM300 01600 AFN76400.1	G.VARFRVNAFNQN	RGAGAV	FRTIPSKVLT	MEDLGMGEV	155
NTDB id 1194 PAKAF RS01995 WP 003084552.1	G.VARFRVNAFNQN	RGAGAV	FRTIPSKVLT	MEELGMGEV	155
NTDB id 1020 ACIAD RS04210 WP 011182164.1	N.LARFRVNVFNQ	NRGAGAV	FRTIPSQVLT	LEELGLGKIF	155
NTDB id 254440 CTZ23 RS11885 WP 104989048.1	G.VARFRVNAFNQN	RGAGAV	FRTIPSKVLT	IEDLGMGQIF	155
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.VARFRVNAFNQN	RGAGAV	FRTIPSKVLT	MEDLGLGQIF	155
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.VARFRVNAFNQN	RGAGAV	FRTIPSKVLT	MEDLGLGQIF	155
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.VARFRVNAFNQN	RGAGAV	FRTIPSKVLT	MEDLGLGQIF	155
consensus	*	*****!*****	*****	*****	*****

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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 254440 CT223 RS11885 WP 104989048.1
NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
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consensus

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NTDB id 1185 GTF74 RS11940 WP 000350195.1
NTDB id 1176 A1552VC RS01160 WP 000350195.1
NTDB id 1283 ACE17W RS02630 WP 010947729.1
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	TFDQALYQLVVDKISEQDALHSADSANDLRLMLKTK.RGDDY...GSGSLQNVKI.....DME.....	368
NTDB id 1203 PSJM300 01605 AFN76401.1	TFDQALYNLYVQGEITYEDALLHADSSNDLRLMIKLG.SETDGEHLTSVS.QGLTL.....EMSDDDPGRSFR....	381
NTDB id 1019 ACIAD RS04205 WP 004922051.1	TFDQALFDLYDHQHSYADALKHADSPNNLRQLIKLS.EEANKPLDNRRERMSEMER.....KMTFDGQRRNLK....	383
NTDB id 1307 DR RS10055 WP 010888596.1	TMDAYLAGLFRHLITYDKGLERAIDPKFARLANDASAGLGG.....ASMTPAAPPVPAYNSASSSSTGRGGDFGRGAA	394
NTDB id 1086 NMV RS00245 WP 002218487.1	TMDQSLQSLVRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	TMDQSLQSLVRQGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	TMEQNAKQLIARGVVDAQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1259 GC085 RS10305 WP 010947729.1	TLDQHLTELVNKNIISKHTAHEAALNK.SLF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	TLDQSLKGLIAKGLISRDSAKEKAKQP.ENF.....	344
NTDB id 254440 CTZ23 RS11885 WP 104989048.1	TLDQSLKGLVSRGVISPQTARTVAKQP.ESFL.....	345
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	TLDQSLKGLVSRGVISPQTARTVAKQP.ESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	TLDQSLKGLVARGVISPQTARTVAKQP.ESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	TLDQSLKGLVARGVISPQTARTVAKQP.ESFL.....	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 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
NTDB id 1020 ACIAD RS04210 WP 011182164.1		344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved