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NTDB id 1177 A1552VC RS01165 WP 000422572.1	... MEINQYLDGMI THKASDLYITV GAPILYRVDGE LRAQGE. AL. SVADVTALHAMMDARQA EFKQTR EANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	... MFEKLLRLMVEKGGSDLFITAGVPPSMKVN GKILPVNK. TPM SPEMTRET VHGVMNEQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	... MDFNDLLNLMAKHKASDLFITAGVPPSLKINGEITPVSK. TKLDGDMIAQLIDSIT TQKQRQEFIE THECNFAILN	75
NTDB id 1154484 N4J63 RS22200 WP 038879280.1	... MDIDEFVALSVKHNASDLHL CAGHPMIRIDGELQPLAAAAPT LTAQGVQTLCDG LNAQQRRESLRR LGIDLALHR	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGDITDILRLAADKGASDITL AAGLPPQFKLSGDYDAQGF. EPISASDTRKLMYSMMNERQQRIF EEKRELD FSFAL	79
NTDB id 1086 NMV RS00245 WP 002218487.1	... MQITDLLAFGAKNKASDLHLS SGI SPMIRVHCDMRRINL. PEMSAAEEVGNM VTSVMNDHQRKIYQQNLEVD FSFEL	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	... MQITDLLAFGAKNKASDLHLS SGI SPMIRVHCDMRRINL. PEMSAAEEVGNM VTSVMNDHQRKIYQQNLEVD FSFEL	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	... MDIAELLEFSVKHNASDLHLSAGV PPMVRI DGEVRKLG V. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD FSFEL	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	... MDIAELLEFSVKHNASDLHLSAGV PPMVRI DGEVRKLG V. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD FSFEL	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	... MDIAELLAFSVKHNKSSDLHISAGM PPMIRVDGDLRKINL. PPLEHKKDVIKI IYD IMNDRQRKEYEEFFETD FSFEI	75
NTDB id 1259 GCO85 RS10305 WP 010947729.1	... MDIAELLAFSVKHNKSSDLHISAGM PPMIRVDGDLRKINL. PPLEHKKDVIKI IYD IMNDRQRKEYEEFFETD FSFEI	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	... MDITELLAFSAKQGASDLHLSAGL PPMIRVDGCVRRINL. PPLEHKKVHALIYD IMNDKQRKDFEEFLETD FSFEV	75
NTDB id 1202 PSJM300 01600 AFN76400.1	... MDITELLAFSAKQGASDLHLS SGL PPMIRVDGCVRRINL. PAMDHKKVHALIYD IMNDKQRKDFEEFLETD FSFEV	75
NTDB id 1020 ACIAD RS04210 WP 011182164.1	... MDITELLAFSVQNRASDLHLSAGI PPMIRVDGEVRRINL. PAMDHSEVHNLIYD IMNDKQRDYEEKLETD FSFEV	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	... MDITELLAFSVKNGASDLHLSAGM PPMIRVDGEVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLETD FSFEV	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGM PPMIRVDGEVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLETD FSFEV	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGM PPMIRVDGEVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLETD FSFEV	75
consensus	*** ***** *!******!*****!***** * * * * * ********** ***** * * * * *	

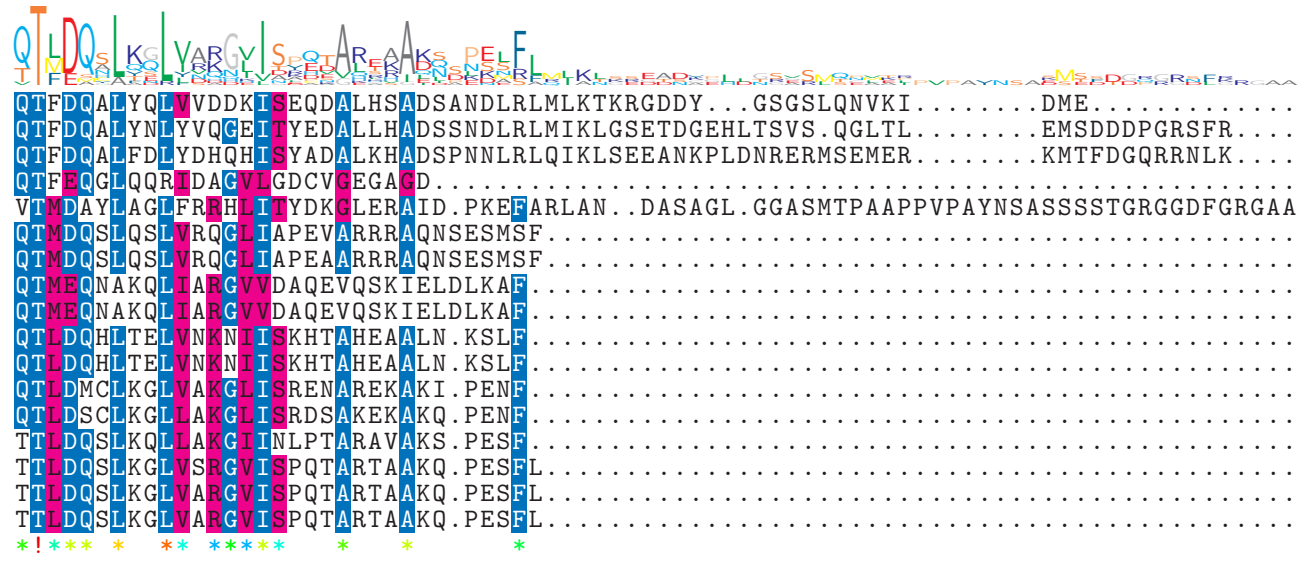
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D. SCRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPEVLQNLAI AKRGLVLVVGATGSGKSTTMAAMTGYRNQHR TGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG. IGRFRVSAFYQRNLAGMVLRRRIETNIPTIEDLKLDPDLK LKALTKRGLVLFVGCATGKGKSTSLAAMTGYRNKSSGH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REKNERFRVSAFQRDMPGMVIRRIETKIPSPDDLHLPPI LKELAMSKRGIIFSGATGKGKSTSLASMTQHRNQHSKGH	155
NTDB id 1154484 N4J63 RS22200 WP 038879280.1	PG. GERLRANVFQSSAGMSLALRR IAGQAPSLAELALPAI VPA LRRDDGLLVGTGATGSGKSTT LAAMDEINRHQPRH	155
NTDB id 1307 DR RS10055 WP 010888596.1	GD. KARFRVNAFMQRGNVGVMLRIPITVRTIAEMCLPQTVID IANAPRGLVLVTGPTGSGKSTT LAASMDHINTTKLH	158
NTDB id 1086 NMV RS00245 WP 002218487.1	PN. VARFRVNAFNI GRGPA AVFRTIPSTVLSLEELKAPSI FQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1116 NGFG RS10615 WP 003690200.1	PN. VARFRVNAFNTGRGPA AVFRTIPSTVLSLEELKAPSI FQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIP TVIPTLEQLDAPEI FSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHHNKH	154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIP TVIPTLEQLDAPEI FSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHHNKH	154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	AN. LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGLPPI FKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1259 GCO85 RS10305 WP 010947729.1	AN. LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGLPPI FKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEV FKRVDVPRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1202 PSJM300 01600 AFN76400.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGMGEV FKRVDVPRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1020 ACIAD RS04210 WP 011182164.1	PN. LARFRVNVFNQNRGAGAVFRTIP SQVLTLEELGLGKIFRDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINNHRYDH	154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1040 HON27 RS13360 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEELGLGQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
consensus	** *!*!*!*!*!* * * * * * *!*!*!*!*!*!* * * * * * *!*!*!*!*!*!* * * * * * *!*!*!*!*!*!* * * * * *	

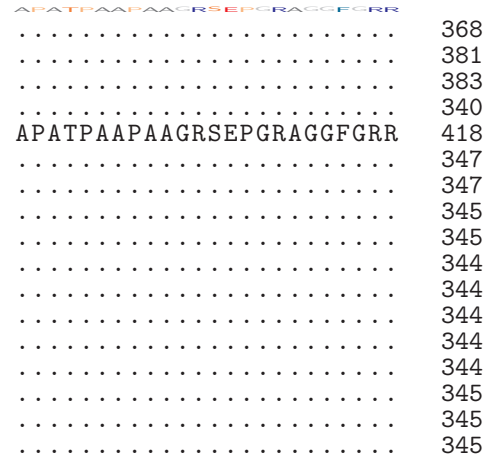
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 consensus



X non conserved
 * similar
 X ≥ 50% conserved