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NTDB id 1177 A1552VC RS01165 WP 000422572.1	... MEINQYLDGMI THKASDLYITV GAPILYRVDGEI RAQGE. AL. SVADVTAL THAMMDARQA EFKQTR EANFAVVR	74
NTDB id 1203 PSJM300 01605 AFN76401.1	... MFEKLLRLMVEKGG SDFITAGV PPSMKVNGKILPVNK. TPM SPEMTRET VHGVMNEQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	... MDFNDLLNLMAKHKASDLFITAGV PPSLKNIGETTPVSK. TKLDGDMIAQLIDSIT TQKQRQEFIE THECNFAILN	75
NTDB id 1154507 N4J61 RS22205 WP 038879280.1	... MDIDEFVALSVKHNASDLHL CAGHPPMLRIDGELQPLAAAAPT LTAQGVQTL CDGILLNAQQRRESLRR LGIDLALHR	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGDIDITDILRLAADKGASDITL AAGLPPQFKLSG DYDAQGF. EPISASDTRKLMYSMMNERQQRIF EEKRELD FDSFAL	79
NTDB id 1086 NMV RS00245 WP 002218487.1	... MQITD LLAFA GAKNKASDLHLS SGI SPMIRVH GDMRRINL. PEMSAAEEVGNM VTSVMNDHQRKIYQQNLEVD FDSFEL	75
NTDB id 1116 NGFG RS10615 WP 003690200.1	... MQITD LLAFA GAKNKASDLHLS SGI SPMIRVH GDMRRINL. PEMSAAEEVGNM VTSVMNDHQRKIYQQNLEVD FDSFEL	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	... MDIAELLAF SVKHNASDLHLS AGVPPMVRIDGEVRKLG V. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD FDSFEL	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	... MDIAELLAF SVKHNASDLHLS AGVPPMVRIDGEVRKLG V. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD FDSFEL	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	... MDIAELLAF SVKHNKSSDLHISAGM PPMIRVDGDLRKINL. PPLEH KDVIKI IYD IMNDQRKE YEEFFET DDFSFEI	75
NTDB id 1259 GCO85 RS10305 WP 010947729.1	... MDIAELLAF SVKHNKSSDLHISAGM PPMIRVDGDLRKINL. PPLEH KDVIKI IYD IMNDQRKE YEEFFET DDFSFEI	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	... MDITELLAFSAKQGASDLHLSAGL PPMIRVDG DVRRINL. PPLEH KQVHALIYD IMNDKQRKDFEEFLET DDFSFEV	75
NTDB id 1202 PSJM300 01600 AFN76400.1	... MDITELLAFSAKQGASDLHLS SGL PPMIRVDG DVRRINL. PAMDHKQVHALIYD IMNDKQRKDFEEFLET DDFSFEV	75
NTDB id 1020 ACIAD RS04210 WP 011182164.1	... MDITELLAFSVQNRASDLHLSAGI PPMIRVDGEVRRINL. PAMDHSEVHNL IYD IMNDKQRDYEEKLET DDFSFEV	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	... MDITELLAFSVKNGASDLHLSAGM PPMIRVDGEVRRINL. PALEH KDVHRLVYD IMNDKQRDYEEKLET DDFSFEV	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGM PPMIRVDGEVRRINL. PALEH KDVHRLVYD IMNDKQRDYEEKLET DDFSFEV	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	... MDITELLAFSVKNGASDLHLSAGM PPMIRVDGEVRRINL. PALEH KDVHRLVYD IMNDKQRDYEEKLET DDFSFEV	75
consensus	*** ***** *!******!*****!***** * * * * * ********** ***** * * * * *	

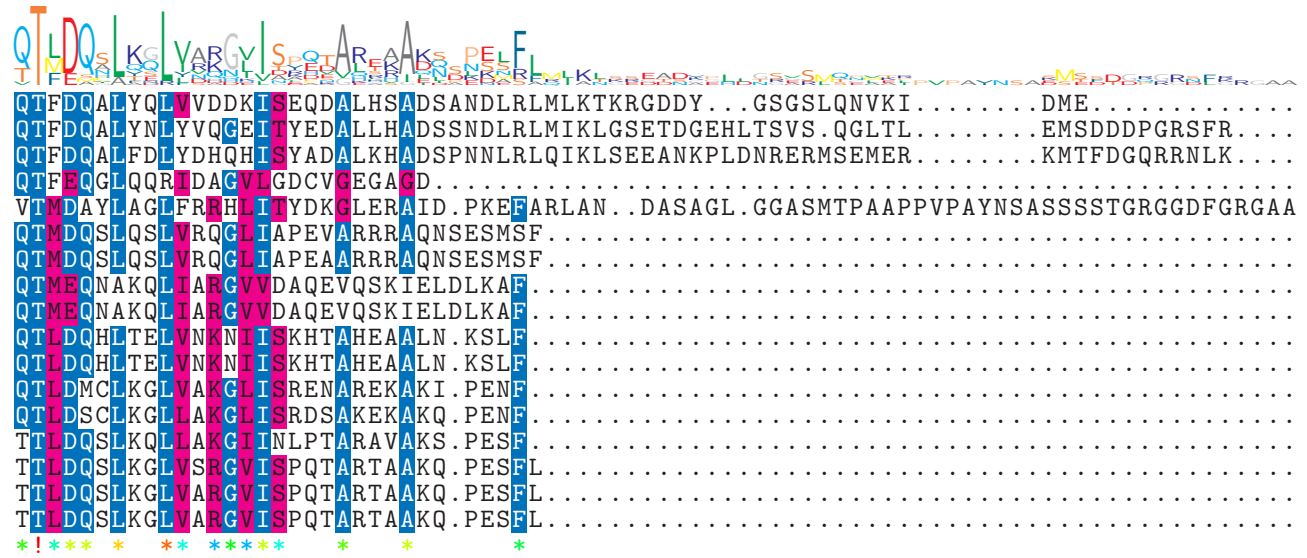
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NTDB id 1177 A1552VC RS01165 WP 000422572.1	D. SCRFRVSAFFQRELPGAVIRRIETRIPTFEELKLP EVLQNLAI AKRGLVLVVGATGSGKSTTMAAMTG YRNQHR TGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG. IGRFRVSAFYQRNLAGMVLRRRIETNIPTIEDLKL PDLVKKLALTKRGLVLFV GATGTGKSTSLAAM TGYRNKSSGH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLH LPPILKELAMSKRGIIFSGATGTGKSTSLASMI QHRNQHSKGH	155
NTDB id 1154507 N4J61 RS22205 WP 038879280.1	PG. GERLIRANVFQSSAGMSLALRR IAGQAPSLAELALPA IVPALLRRDDGLL LVTGATGSGKSTT LAAMDEINRHQPRH	155
NTDB id 1307 DR RS10055 WP 010888596.1	GD. KARFRVNAFMQRGNVGVMLRIPITVRTIAEMCLP QTVIDIANAPRGLVLVTGPTGSGKSTT LAASMDHINTTKLH	158
NTDB id 1086 NMV RS00245 WP 002218487.1	PN. VARFRVNAFNI GRGPA AVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1116 NGFG RS10615 WP 003690200.1	PN. VARFRVNAFNTGRGPA AVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLD APEIFSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHHNKH	154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLD APEIFSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHHNKH	154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	AN. LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGL PPIFKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1259 GCO85 RS10305 WP 010947729.1	AN. LARFRVNAFNQSRGAA AVFRTIPSEILSMEDLGL PPIFKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLT MEDLGMGEVFRKIVDVRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1202 PSJM300 01600 AFN76400.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLT MEDLGMGEVFRKIVDVRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1020 ACIAD RS04210 WP 011182164.1	PN. LARFRVNVFNQNRGAGAVFRTIPSKVLT MEDLGLGKIFRDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINNHRYDH	154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLT MEDLGLGQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLT MEDLGLGQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1040 HON27 RS13360 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLT MEDLGLGQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
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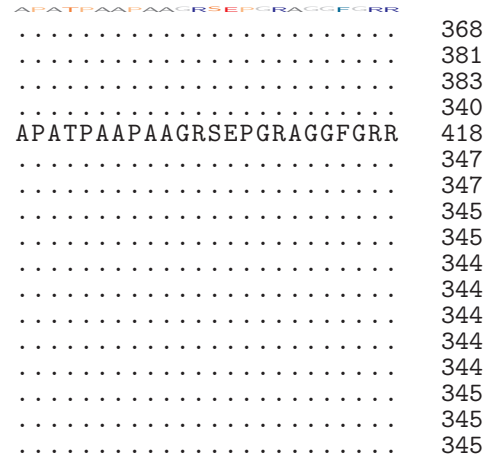
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 consensus



non conserved
 similar
 ≥ 50% conserved