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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	... MEFEKLLRLMVEKGG SDFITAGV PPSMKVNGKILPVNK. TPM SPEMTRET VHGVMNEQQRREFTENHECNFAISA	75
NTDB id 1019 ACIAD RS04205 WP 004922051.1	... MDFNDLLNLMAKHKASDLFITAGV PPSLKNIGETTPVSK. TKLDGDMIAQLIDSIT TQQRQEFIE THECNFAILN	75
NTDB id 1148059 CKW09 RS20710 WP 095099182.1	... MDIDEFVALSVKHNASDLHL CAGHPPMLRIDGEI RPLEGAESIRPERMLALCDRI LAPSQRRELQQRGLDLALQL	76
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGDITDILRLAADKGASDITL AAGLPPQFKLSG DYDAQGF. EPISASDTRKLMYSMMNERQQRITFE EKRELD F S FAL	79
NTDB id 1116 NGFG RS10615 WP 003690200.1	... MQITDLLAFGAKNKASDLH LSSGISPMIRVHCDMRRINL. PEMSAAEEVGNM VTSVMNDHQ RKIYQQNLEVD F S F E L	75
NTDB id 1086 NMV RS00245 WP 002218487.1	... MQITDLLAFGAKNKASDLH LSSGISPMIRVHCDMRRINL. PEMSAAEEVGNM VTSVMNDHQ RKIYQQNLEVD F S F E L	75
NTDB id 1185 GTF74 RS11940 WP 000350195.1	... MDIAELLEFSVKHNASDLH LHSAGVPPMVRIDGEVRKLG V. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD F S F E L	75
NTDB id 1176 A1552VC RS01160 WP 000350195.1	... MDIAELLEFSVKHNASDLH LHSAGVPPMVRIDGEVRKLG V. PAFTHSDVHRLIFEIMNDAQRSEYEEKLEVD F S F E L	75
NTDB id 1283 ACE17W RS02630 WP 010947729.1	... MDIAELLAFSVKHNKSSDLH IISAGMPPMIRVDGDLRKINL. PPLEHKKDVIKI IYDIMNDRQRKE YEEFFET D F S F E I	75
NTDB id 1259 GCO85 RS10305 WP 010947729.1	... MDIAELLAFSVKHNKSSDLH IISAGMPPMIRVDGDLRKINL. PPLEHKKDVIKI IYDIMNDRQRKE YEEFFET D F S F E I	75
NTDB id 1194 PAKAF RS01995 WP 003084552.1	... MDITELLAFSAKQGASDLH LHSAGLPPMIRVDGCVRRINL. PPLEHKKVHALIYD IMNDKQRKDFEEFLET D F S F E V	75
NTDB id 1202 PSJM300 01600 AFN76400.1	... MDITELLAFSAKQGASDLH LSSGLPPMIRVDGCVRRINL. PAMDHKKVHALIYD IMNDKQRKDFEEFLET D F S F E V	75
NTDB id 1020 ACIAD RS04210 WP 011182164.1	... MDITELLAFSVQNRASDLH LHSAGLPPMIRVDGEVRRINL. PAMDHSEVHNLIYD IMNDKQRDYEEKLET D F S F E V	75
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	... MDITELLAFSVKNGASDLH LHSAGMPPMIRVDGEVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLET D F S F E V	75
NTDB id 1060 ABD1 RS04380 WP 000355489.1	... MDITELLAFSVKNGASDLH LHSAGMPPMIRVDGEVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLET D F S F E V	75
NTDB id 1040 HON27 RS13360 WP 000355489.1	... MDITELLAFSVKNGASDLH LHSAGMPPMIRVDGEVRRINL. PALEHKKDVHRLVYD IMNDKQRDYEEKLET D F S F E V	75
consensus	*** ***** *!******!*****!***** * * * * * ********** ***** * * * * *	

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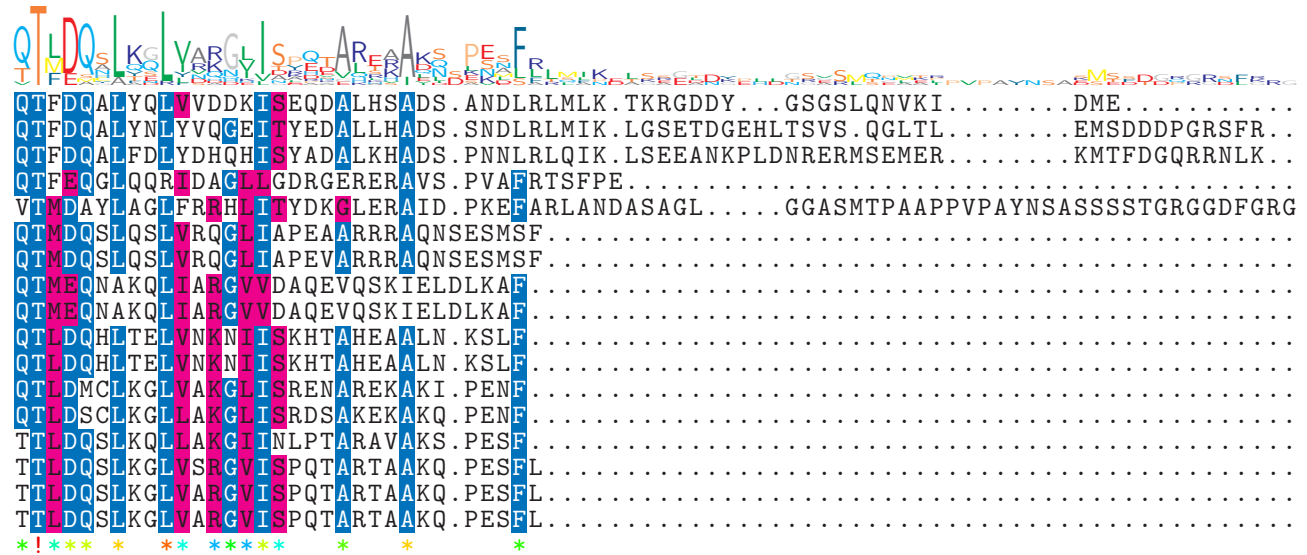


NTDB id 1177 A1552VC RS01165 WP 000422572.1	D. SCRFRVSAFFQRELPGAVIRRIETRIPTFEELKLP EVLQNLAI AKRGLVLVVGATGSGKSTTMAAMTG YRNQHR TGH	152
NTDB id 1203 PSJM300 01605 AFN76401.1	RG. IGRFRVSAFYQRNLAGMVLRRRIETNIPTIEDLKL PDLVKKLALTKRGLVLFV GATGTGKSTSLAAMTG YRNKSSGH	154
NTDB id 1019 ACIAD RS04205 WP 004922051.1	REKNERFRVSAFQQRDMPGMVIRRIETKIPSPDDLH LPPILKELAMSKRGIIFSGATGTGKSTSLASMIQHRN QHSGKH	155
NTDB id 1148059 CKW09 RS20710 WP 095099182.1	PG. GLRLRANAFLQREGISLALRRRIASECPTLAAL APEIIPALLRREDGLI LVTGATGSGKSTTLAAMDE INRHQRRH	155
NTDB id 1307 DR RS10055 WP 010888596.1	GD. KARFRVNAFMQRGNVGVMLRIPITVRIIAEMCLPQTVIDIANAPRGLVLVVTGPTGSGKSTT LASMIDHINTTKLH	158
NTDB id 1116 NGFG RS10615 WP 003690200.1	PN. VARFRVNAFNTGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1086 NMV RS00245 WP 002218487.1	PN. VARFRVNAFNIIGRGPAAVFRTIPSTVLSLEELKAPSIFQKIAESPRGMVLVTGPTGSGKSTT LAAMINYNETQPAH	154
NTDB id 1185 GTF74 RS11940 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLD APEIFSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHNNKH	154
NTDB id 1176 A1552VC RS01160 WP 000350195.1	PN. VGRFRVNAFHQARGCSAVFRTIPTVIPTLEQLD APEIFSKIANYEKGLVLVTGPTGSGKSTT LAAMVNVNAHNNKH	154
NTDB id 1283 ACE17W RS02630 WP 010947729.1	AN. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGL PPIFKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1259 GCO85 RS10305 WP 010947729.1	AN. LARFRVNAFNQSRGAAAVFRTIPSEILSMEDLGL PPIFKEMASFSRGLVLVTGPTGSGKSTT LAAVDYINSSRYEH	154
NTDB id 1194 PAKAF RS01995 WP 003084552.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGM GEVFRKIVDVRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1202 PSJM300 01600 AFN76400.1	PG. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGM GEVFRKIVDVRGLVLVTGPTGSGKSTT LAAMDYINNTKYHH	154
NTDB id 1020 ACIAD RS04210 WP 011182164.1	PN. LARFRVNVFNQNRGAGAVFRTIPSKVLTMEDLGL GKIFRDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINNHRYDH	154
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGL GQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1060 ABD1 RS04380 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGL GQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
NTDB id 1040 HON27 RS13360 WP 000355489.1	PN. VARFRVNAFNQNRGAGAVFRTIPSKVLTMEDLGL GQIFKDI CDYPRGLVLVTGPTGSGKSTT LAAMDYINENRYDH	154
consensus	** *!*!*!*!*!* * * * * * *!*!*!*!*!* * * * * * *!*!*!*!*!* * * * * * *!*!*!*!*!* * * * * *	



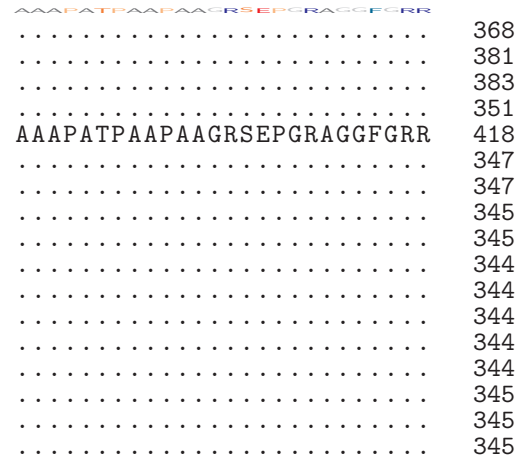
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 consensus



non conserved  
 similar  
 ≥ 50% conserved