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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLTHKASDLYITVVGAPILYRVDGELRAQGE.ALSVADVTTALLHAMMDARQAEEFKQTREAN	69
NTDB id 47857 NMAA RS03670 WP 002214012.1	MFTDENMTAKEELFAWLHRHMNKNGSDFLVTTHFPAMKLDGKITRITDEPLTAEKCMETAFSIMSAKQAEESSTNECN	80
NTDB id 1203 PSJM300 01605 AFN76401.1	MEFEKLLRLMVEKGGSDLFITAGVPPSMKVNGKILPVNKTPTSPEMTRETIVHGVMMNEQQRREFTENHECN	70
NTDB id 1019 ACIAD RS04205 WP 004922051.1	MDFNDLLNLMAKHKASDLFITAGVEPSLKINGEITPVSKTKLDGDMIAQLIDSITTQKQRQEFIIETHECN	70
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDITLAAGLPPQFKLSGDYDAQGFEP LSASDTRKLMYSMMNERQQRIFEEREKRELD	74
NTDB id 1086 NMV RS00245 WP 002218487.1	MQIITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRRINLPMSAEVGVNMMVTSVMNDHQRKIYQQNLEVD	70
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKKNSSDLHISAGMPPMIRVDGDLRKINLPPLLEHKDVIKIITYDIMNDRQRKEYEEFFETD	70
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKKNSSDLHISAGMPPMIRVDGDLRKINLPPLLEHKDVIKIITYDIMNDRQRKEYEEFFETD	70
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLLEHKQVHALIYDIMNDKQRKDFEEFLETD	70
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALLEHKDVHRLVYDIMNDKQRRDYEEKLETD	70
NTDB id 1060 ABD1 RS04380 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALLEHKDVHRLVYDIMNDKQRRDYEEKLETD	70
NTDB id 1040 HON27 RS13360 WP 000355489.1	MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALLEHKDVHRLVYDIMNDKQRRDYEEKLETD	70
consensus	*****!***** *!!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	FAVVRD..SGRFRVSFAFFQRELPGAVIRRIETRIPTFEELKLPVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGVRNQ	147
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NTDB id 1194 PAKAF RS01995 WP 003084552.1	FSFEVPG.VARFRVNAFNQNRGAGAVFRITIPSKVLTMEELGMGEVFKRVS DVPRLVLVTGPTGSGKSTTLAAMDYINN	149
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NTDB id 1060 ABD1 RS04380 WP 000355489.1	FSFEVPN.VARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLGLGQIFKDCDYPRGIVLVTGPTGSGKSTTLAAMDYINE	149
NTDB id 1040 HON27 RS13360 WP 000355489.1	FSFEVPN.VARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLGLGQIFKDCDYPRGIVLVTGPTGSGKSTTLAAMDYINE	149
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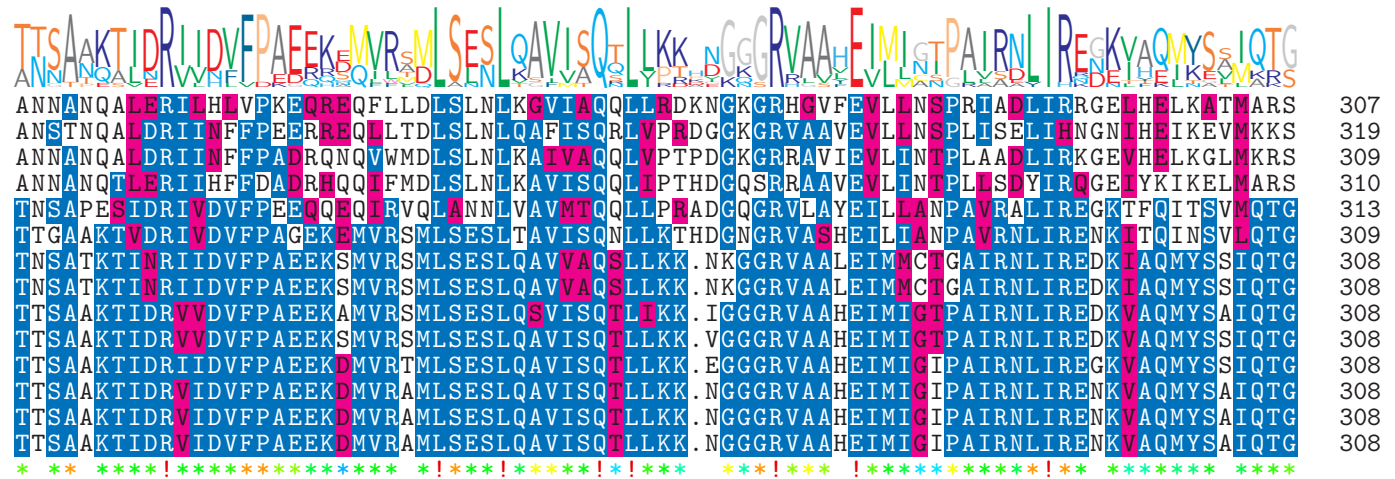
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NTDB id 1203 PSJM300 01605 AFN76401.1	NSSGHIISIEDPIEFIHQHQCIVTQREVGIDTDSFEVALKNTLRQAPDVLIGEVRTRETMDHAVAFETGHLCLATLH	229
NTDB id 1019 ACIAD RS04205 WP 004922051.1	HSKGHIITIEDPIEFIEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVLIGEIRSREVMYALAFATAETGHLVATLH	230
NTDB id 1307 DR RS10055 WP 010888596.1	TKKLHILTIEDPIEFMHPNKASIIINQREVGDTSFDDALRALRQAPDVLIVGEMRDYETIKAAVTAETGHLVMTGLH	233
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1	NRYPHILTVEDPIEFVHQSKKCLINQREVHRDTHGFNEALRSALREDPDIILVGEEMRDLETIRLALTAETGHLVFGTLH	229
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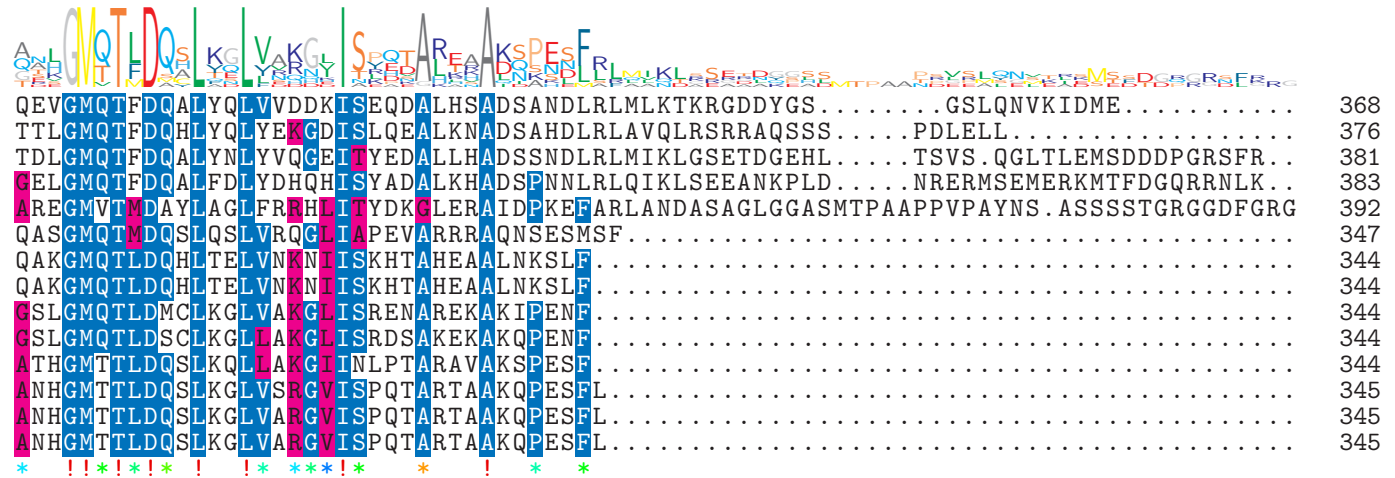
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consensus

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 non conserved
 similar
 $\geq 50\%$ conserved