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NTDB id 1177 A1552VC RS01165 WP 000422572.1	MEINQYLDGMLTHKASDLYITVVGAPILYRVDGELRAQGE.ALSVADVTTALLHAMMDARQAEEFKQTREAN	69
NTDB id 190191 A6L30 RS10360 WP 002221204.1	MFTDENMTAKEELFAWLHRHMNQNGSDFVTTTHFPAMKLDGKITRITDEPLTAEKCMETAFSIMSAKQAEFSSSTNECN	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	MTSGIDITDILRLAADKGASDITLAAGLPQFKLSGDYDAQGFEP LSASDTRKLMYSMMNERQQRIFEEREKRELD	74
NTDB id 1086 NMV RS00245 WP 002218487.1	MQITDLLAFGAKNKASDLHLSSGISPMIRVHGDMMRRINLPESAAEEVGNMVTSMVNDHQRKIYQQNLEVD	70
NTDB id 1283 ACE17W RS02630 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAGMPPMIRVDGDLRKINLPPLLEHKDVIKIITYDIMNDRQRKEYEEFFETD	70
NTDB id 1259 GC085 RS10305 WP 010947729.1	MDIAELLAFSVKNGSSDLHISAGMPPMIRVDGDLRKINLPPLLEHKDVIKIITYDIMNDRQRKEYEEFFETD	70
NTDB id 1194 PAKAF RS01995 WP 003084552.1	MDITELLAFSAKQGASDLHLSAGLPPMIRVDGDVRRINLPPLLEHKQVHALIYDIMNDKQRKDFEEFLETD	70
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NTDB id 1020 ACIAD RS04210 WP 011182164.1	MDITELLAFSVQNRASDLHLSAGIPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRRDYEEKLETD	70
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..SGRFRVSAFFQRELPGAVIRRIETRIPTFEELKLPVLQNLAIAKRGLVLVVGATGSGKSTTMAAMTGVRNQ	147
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NTDB id 1194 PAKAF RS01995 WP 003084552.1	FSFEVPG.VARFRVNAFNQNRGAGAVFRITIPSKVLTMEELGMGEVFKRVS DVPRLGLVLVTGPTGSGKSTTLAAMDYINN	149
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NTDB id 1020 ACIAD RS04210 WP 011182164.1	FSFEVPN.LARFRVNQNRGAGAVFRITIPSKVLTLEELGLGKIFRDI CDYPRGLVLVTGPTGSGKSTTLAAMDYINN	149
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NTDB id 1060 ABD1 RS04380 WP 000355489.1	FSFEVPN.VARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINE	149
NTDB id 1040 HON27 RS13360 WP 000355489.1	FSFEVPN.VARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLGLGQIFKDI CDYPRGIVLVTGPTGSGKSTTLAAMDYINE	149
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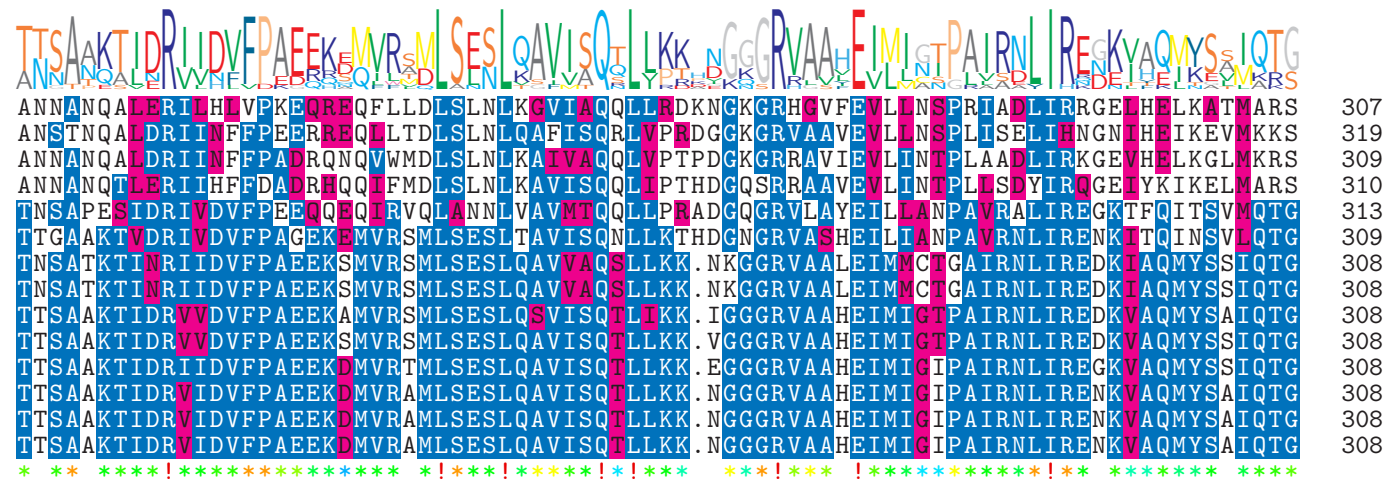
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NTDB id 1203 PSJM300 01605 AFN76401.1	NSSGHIISIEDPIEFIHQHQCIVTQREVGIDTDSFEVALKNTLRQAPDVLIGEVRTRETM DHA V AFAETGHLCLATLH	229
NTDB id 1019 ACIAD RS04205 WP 004922051.1	HSKGHIITIEDPIEFIEHAGCIITQREVGIDTDSFEIALKNTLRQAPDVLIGEIRSREVM DYAL AFAETGHLVATLH	230
NTDB id 1307 DR RS10055 WP 010888596.1	TKKLHILTIEDPIEFHHPNKASIIINQREVGSDTLSFDDALRALRQAPDVLIVGEMRDYETIKAAVTA AETGHLVMTLH	233
NTDB id 1086 NMV RS00245 WP 002218487.1	TQPAHILTIEDPIEFVHQSKKSLINQRELHQHTLSFANALRSALREDPDVILVGE MRDPETIGLALTA AETGHLVFGTLH	229
NTDB id 1283 ACE17W RS02630 WP 010947729.1	SRYEHIITVEDPIEFVHQSKKCLVNQREVHKDTLSFNAAALRSALREDPDIILVGE LRDLETIRLAMTAAETGHLVFGTLH	229
NTDB id 1259 GC085 RS10305 WP 010947729.1	SRYEHIITVEDPIEFVHQSKKCLVNQREVHKDTLSFNAAALRSALREDPDIILVGE LRDLETIRLAMTAAETGHLVFGTLH	229
NTDB id 1194 PAKAF RS01995 WP 003084552.1	TKYHHILTIEDPIEFVHESKKCLVNQREVHRDTLGFSEALRSALREDPDIILVGE MRDLETIRLALTA AETGHLVFGTLH	229
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consensus	* * !*****!!!!!! ******!!!!!! * !*****!!!!!! ******!!!!!! ******!!!!!! ******!!!!!!	

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NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus

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consensus

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consensus

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 347
 344
 344
 344
 344
 345
 345
 345

 non conserved
 similar
 $\geq 50\%$ conserved