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NTDB id 1177 A1552VC RS01165 WP 000422572.1		MEINQYLDGMIITHKASDLYITVGA	PILYRVDGELRAQ.GEAL.SVADVTAL	LHAMMDARQAEFFKQ	TREANF	70										
NTDB id 1203 PSJM300 01605 AFN76401.1		MEFEKLLRLMVEKGGSDLFITAGV	PPSMKVNGKILPV.NKTPMSPEMTRET	VHGV	MNEQQRREFTENHECNF	71										
NTDB id 1019 ACIAD RS04205 WP 004922051.1		MDFNDLLNLMAKHKASDLFITAGV	EPSLKINGEITPV.SKTCLDGDMLIAQL	LIDSITTQKQRQ	EFIEIETHECNF	71										
NTDB id 116045 THERU RS02950 WP 025305797.1	MDRQQNQEIRLVEIILYKATVLKASDVH	ITAGSRPVVRIDGKITPLMEYPILTPE	MTQRLLYSVMSEKH	RRKQLEEKGV	DF	80										
NTDB id 1307 DR RS10055 WP 010888596.1	MTSGIDITDILRLAADKGASDIILA	AGLPQFKLSG	YDAQ.GFEP	LSASDTRKLMYSMMNERQQRIF	FEKRE	75										
NTDB id 1086 NMV RS00245 WP 002218487.1		MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGDMMRI.NLP	PEMSAEVGNMVTSM	MNDHQRKIYQQNLE	71										
NTDB id 1116 NGFG RS10615 WP 003690200.1		MQITDLLAFGAKNKASDLHLSSG	ISPMIRVHGDMMRI.NLP	PEMSAEVGNMVTSM	MNDHQRKIYQQNLE	71										
NTDB id 1185 GTF74 RS11940 WP 000350195.1		MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDG	EVRL.GVPAFT	HSDVHRLIFEIMNDAQRSEYEEKLE	71										
NTDB id 1176 A1552VC RS01160 WP 000350195.1		MDIAELLEFSVKHNASDLHLSAG	VPPMVRIDG	EVRL.GVPAFT	HSDVHRLIFEIMNDAQRSEYEEKLE	71										
NTDB id 1283 ACE17W RS02630 WP 010947729.1		MDIAELLAFAFSVKNKSSDLHIS	AGMPPMIRVDGDLRKI.NLP	P	LEHKDVIKIITYDIMNDRQRKEYEEFFET	71										
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NTDB id 1020 ACIAD RS04210 WP 01182164.1		MDITELLAFSAKQGGASDLHLSAG	IPPMIRVDGEVRR	I.NLP	P	AMDHSEVHNLIYDIMNDKQR	71									
NTDB id 1081 FDQ49 RS05335 WP 006581387.1		MDITELLAFSAKQGGASDLHLSAG	IPPMIRVDGEVRR	I.NLP	P	AMDHSEVHNLIYDIMNDKQR	71									
NTDB id 1060 ABD1 RS04380 WP 000355489.1		MDITELLAFSAKQGGASDLHLSAG	IPPMIRVDGEVRR	I.NLP	P	AMDHSEVHNLIYDIMNDKQR	71									
NTDB id 1040 HON27 RS13360 WP 000355489.1		MDITELLAFSAKQGGASDLHLSAG	IPPMIRVDGEVRR	I.NLP	P	AMDHSEVHNLIYDIMNDKQR	71									
consensus		***	***!*****	*!*****!	*****!*****	***	*	*	*	*	*****	*****	*****	*	*	!

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	AVVRD..S	GRFRVSAFFQRELP	GAVIRRIETRI	PTFEELKL	PEVLQNL	AI	AKRGLVLVVGATGSGKSTT	MAAMTGYRNQH	148						
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NTDB id 116045 THERU RS02950 WP 025305797.1	SFGVKD.	VGRFRANVFFQ	RGSVAGAFRRLPSEIMT	TIDEIGLPRKVLEL	CHRSMGLVLVTGPTGSGKT	TTTLATLINYINEN	159								
NTDB id 1307 DR RS10055 WP 010888596.1	SFALGD.	KARFRVNAFMQRGNV	GGVMRLIPTTVRTIAEMGLP	QTVIDIANAPRGLVLVTGPTGSGKSTT	LAAS	MIDHINTT	154								
NTDB id 1086 NMV RS00245 WP 002218487.1	SFELPN.	VARFRVNAFNIGRGP	AAVFRTIPSTVLSLEELK	APSI	FQKIAESPRGMVLVTGPTGSGKSTT	LAAMINYINET	150								
NTDB id 1116 NGFG RS10615 WP 003690200.1	SFELPN.	VARFRVNAFNTGRGP	AAVFRTIPSTVLSLEELK	APSI	FQKIAESPRGMVLVTGPTGSGKSTT	LAAMINYINET	150								
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NTDB id 1283 ACE17W RS02630 WP 010947729.1	SFEIAN.	LARFRVNAFNQSRGA	AAVFRTIPSEILSMEDLGLPPI	IFKEMASFSRGLVLVTGPTGSGKSTT	LA	AAVIDYINSS	150								
NTDB id 1259 GC085 RS10305 WP 010947729.1	SFEIAN.	LARFRVNAFNQSRGA	AAVFRTIPSEILSMEDLGLPPI	IFKEMASFSRGLVLVTGPTGSGKSTT	LA	AAVIDYINSS	150								
NTDB id 1194 PAKAF RS01995 WP 003084552.1	SFEVPG.	VARFRVNAFNQNRGAGAVFRTIP	SKVLTMEELGMGEVFRK	VS	DPVPRGLVLVTGPTGSGKSTT	LAAMDYLNNT	150								
NTDB id 1202 PSJM300 01600 AFN76400.1	SFEVPG.	VARFRVNAFNQNRGAGAVFRTIP	SKVLTMEELGMGEVFRK	ITD	VPRGLVLVTGPTGSGKSTT	LAAMDYLNNT	150								
NTDB id 1020 ACIAD RS04210 WP 01182164.1	SFEVPN.	LARFRVNVFNQNRGAGAVFRTIP	SQVLTLEELGLGKIFRD	ICDYPRGLVLVTGPTGSGKSTT	LAAMDYINN	H	150								
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NTDB id 1040 HON27 RS13360 WP 000355489.1	SFEVPN.	VARFRVNAFNQNRGAGAVFRTIP	SKVLTMEELGLGQIFKD	ICDYPRGIVLVTGPTGSGKSTT	LAAMDYIN	EN	150								
consensus	*****	***!*****	***	*****!*****	*****	***	*	*	*	*****	*****	*****	*	*	!

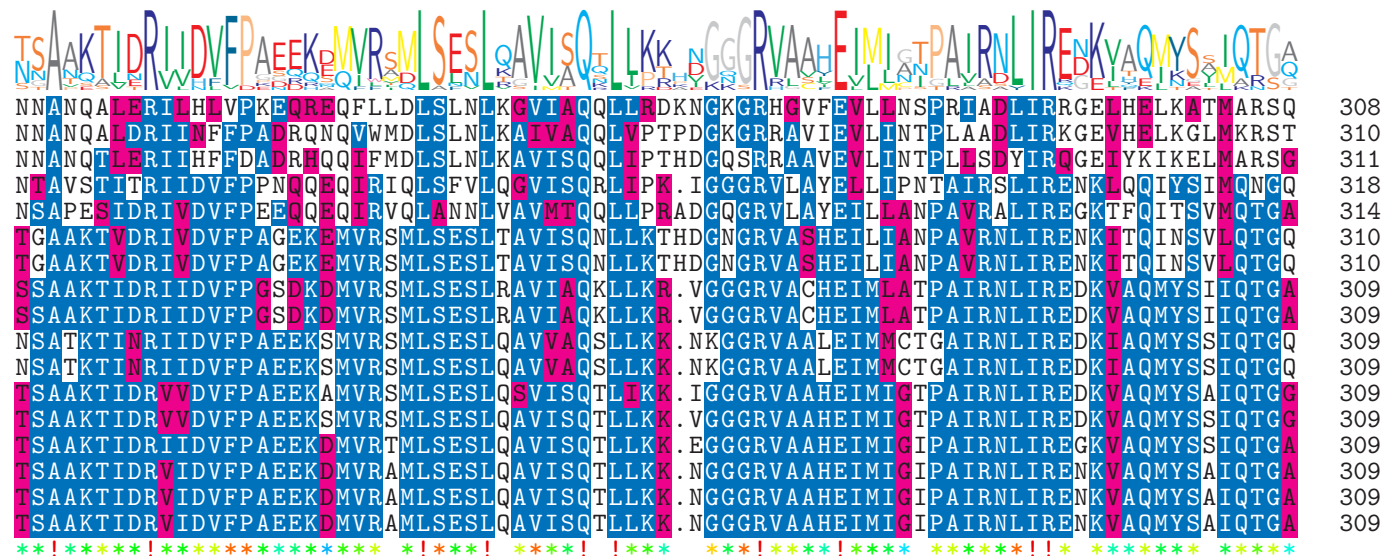
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NTDB id 1307 DR RS10055 WP 01088596.1
NTDB id 1086 NMV RS00245 WP 002218487.1
NTDB id 1116 NGFG RS10615 WP 003690200.1
NTDB id 1185 GTF74 RS11940 WP 000350195.1
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NTDB id 1081 FDQ49 RS05335 WP 006581387.1
NTDB id 1060 ABD1 RS04380 WP 000355489.1
NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus



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NTDB id 1040 HON27 RS13360 WP 000355489.1
consensus

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NTDB id 1177 A1552VC RS01165 WP 000422572.1	E.VGMQTFDQALYQLVVDKISEQDALHSADSA.NDLRLMLKTKRGDDY...GSGSLQNVKI.....DME.....	368
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NTDB id 1086 NMV RS00245 WP 002218487.1	A.SGMQTMDDQLQSLVLRQGLIAPEVARRRAQNSESMSF.....	347
NTDB id 1116 NGFG RS10615 WP 003690200.1	A.SGMQTMDDQLQSLVLRQGLIAPEAARRRAQNSESMSF.....	347
NTDB id 1185 GTF74 RS11940 WP 000350195.1	A.HGMQTMENAKQLIARGVVDQEVQSKIELDLKAF.....	345
NTDB id 1176 A1552VC RS01160 WP 000350195.1	A.HGMQTMENAKQLIARGVVDQEVQSKIELDLKAF.....	345
NTDB id 1283 ACE17W RS02630 WP 010947729.1	A.KGMQTLDDHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1259 GCO85 RS10305 WP 010947729.1	A.KGMQTLDDHLTELVNKNIISKHTAHEAALN.KSLF.....	344
NTDB id 1194 PAKAF RS01995 WP 003084552.1	S.LGMQTLDMCKLGLVAKGLISRENAREKAKI.PENF.....	344
NTDB id 1202 PSJM300 01600 AFN76400.1	S.LGMQTLDDCKLGLLAKGLISRDSAKEKAKQ.PENF.....	344
NTDB id 1020 ACIAD RS04210 WP 011182164.1	T.HGMTTLDQSLKQLLAKGIINLPTARAVAKS.PESF.....	344
NTDB id 1081 FDQ49 RS05335 WP 006581387.1	N.HGMTTLDQSLKGLVSRGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1060 ABD1 RS04380 WP 000355489.1	N.HGMTTLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
NTDB id 1040 HON27 RS13360 WP 000355489.1	N.HGMTTLDQSLKGLVARGVISPQTARTAAKQ.PESFL.....	345
consensus	!!*!**** * !* **** * *	

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NTDB id 1177 A1552VC RS01165 WP 000422572.1		368
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NTDB id 1019 ACIAD RS04205 WP 004922051.1	LK.....	383
NTDB id 116045 THERU RS02950 WP 025305797.1		364
NTDB id 1307 DR RS10055 WP 010888596.1	FGRGAAAPATPAAPAAGRSEPGRAGGFGRR	418
NTDB id 1086 NMV RS00245 WP 002218487.1		347
NTDB id 1116 NGFG RS10615 WP 003690200.1		347
NTDB id 1185 GTF74 RS11940 WP 000350195.1		345
NTDB id 1176 A1552VC RS01160 WP 000350195.1		345
NTDB id 1283 ACE17W RS02630 WP 010947729.1		344
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NTDB id 1060 ABD1 RS04380 WP 000355489.1		345
NTDB id 1040 HON27 RS13360 WP 000355489.1		345
consensus		

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved